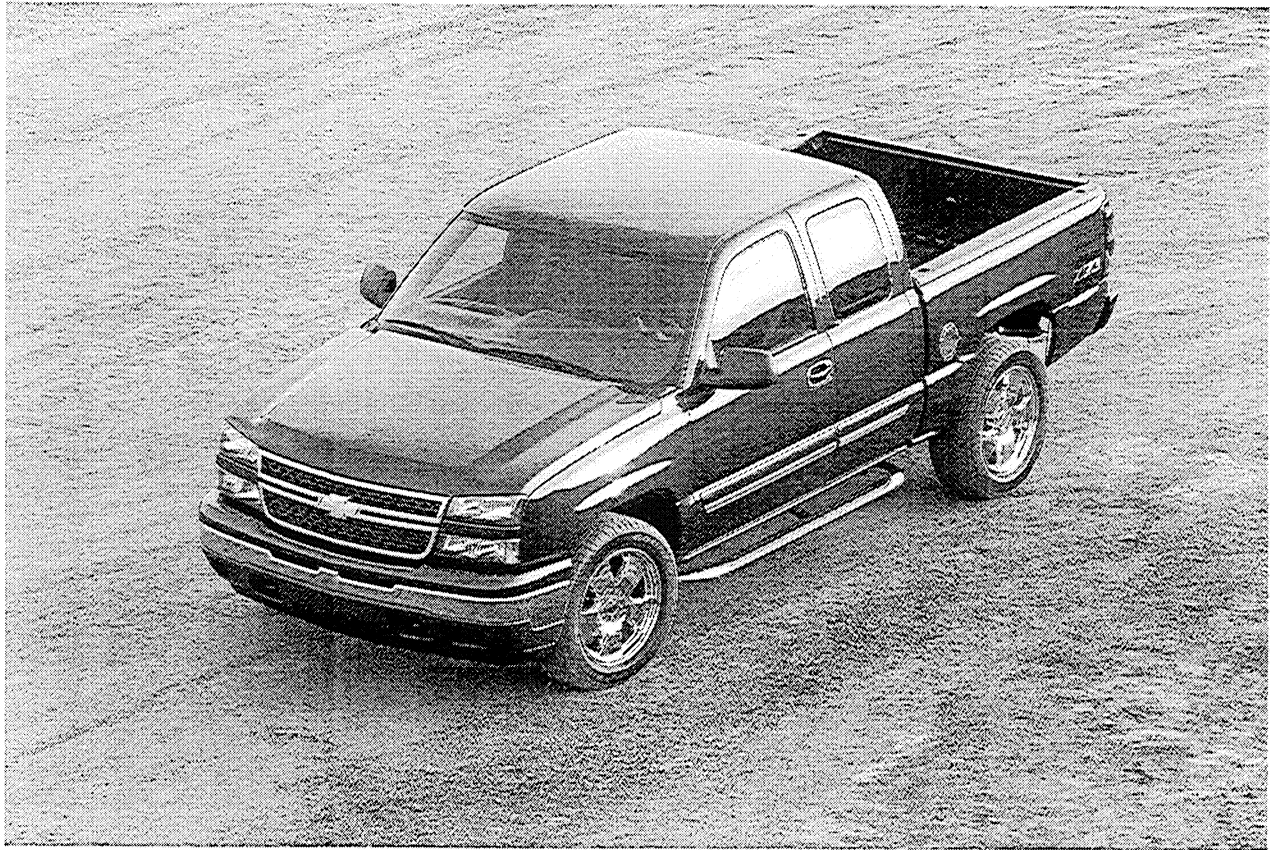


Chevrolet



Silverado & Silverado HD



2006

Note: While this restoration kit may mention the Silverado Hybrid model in various places and includes some information on the hybrid systems used in the vehicle, it is not intended for use with that model. Chevrolet does not produce a restoration kit for the hybrid model Silverado.

Because of the high-energy nature of the hybrid system used in the Silverado, the vehicle should only be work on by a qualified mechanic.

Table of Contents

Product Information	1
2006 Chevy Silverado: Expanded Performance and Versatility	1
New front-end appearance for 1500/1500HD/2500HD models	1
VortecMAX Performance Package	1
Silverado 1500 Extended Cab/Short Box models	1
New diesel engine	1
Silverado SS 2WD	2
Allison six-speed automatic transmission	2
Silverado Hybrid models available nationwide	3
Additional changes for '06	3
Silverado selection	3
Silverado safety	4
Silverado entertainment	4
Z71 Off-Road Package	4
Silverado Heavy Duty power	5
New For 2006	5
Model Lineup – Silverado	6
Light Duty Model Lineup	6
Silverado HD Model Lineup	7
Pickups	7
Chassis Cabs	7
Specifications – Silverado 1500 Series	8
Vehicle Overview	8
Engines	8
Vortec 4300 4.3L V-6 (LU3)	8
Vortec 4800 4.8L V-8 (LR4)	8
Vortec 5300 5.3L V-8 (LM7) <i>including Hybrid model</i>	8
Vortec 5300 5.3L V-8 (L33)	8
Engines (Continued)	9
Vortec 5300 5.3L V-8 (L59) Flexible Fuel	9
Vortec 6000 6.0L V-8 (LQ4)	9
Vortec 6000 6.0L V-8 (LQ9) (Silverado SS)	9
Estimated Fuel Economy	10
C1500 Series (2WD)	10
K1500 Series (4WD)	10
Transmissions	10
NV3500 (MG5)	10
NV4500 (MW3)	10
Hydra-Matic 4L60-E (M30/M33)	10
Hydra-Matic 4L80-E	10
Hydra-Matic 4L85-E (Silverado SS)	10
Chassis/Suspension	11
Brakes	11
Rotor diameter x thickness (in / mm)	11
Total swept area (sq in / sq cm)	11
Wheels/Tires	12
Wheel size & type:	12
Tires:	12
Dimensions	13
Exterior	13
Base Curb Weight & Payload	14
Cargo box	14
Interior	14

Capacities.....	15
Specifications – Silverado HD	16
2500HD and 3500 Overview.....	16
Engines.....	16
Vortec 6000 6.0L V-8 (LQ4)	16
Vortec 8100 8.1L V-8 (L18)	16
Duramax 6600 6.6L V-8 (LLY).....	16
Duramax 6600 6.6L V-8 (LBZ)	16
Transmissions	17
Hydra-Matic 4L80-E.....	17
NVG 3500 (MW3)	17
ZF S6-650 (ML6)	17
Allison 1000 (MW7)	17
Chassis/Suspension.....	17
Brakes	18
Wheels/Tires.....	18
Dimensions	18
Exterior	18
2500HD / 3500.....	18
Regular Cab.....	18
Long Box.....	18
2500HD Extended Cab Standard Box.....	18
2500HD / 3500 Extended Cab.....	18
Long Box.....	18
2500HD Crew Cab Standard Box.....	18
2500HD / 3500.....	18
Crew Cab Long Box.....	18
Base Curb Weight & Payload.....	19
Cargo box.....	20
Interior	20
Capacities.....	20
Vehicle Identification.....	22
Vehicle Identification Number (VIN).....	22
VIN Derivative	23
Engine ID and VIN Derivative Location	24
4.3L V-6 Engine.....	24
4.8L, 5.3L, 6.0L V-8 Engines.....	26
8.1L V-8 Engine.....	27
6.6L Diesel Engine	28
Engine ID Legend	29
Transmission ID and VIN Derivative Location	30
4L60-E Transmission ID Location	30
Bar Code Label Contents(c).....	31
4L80-E Transmission ID Location	32
5-Speed Getrag	33
5-Speed Manual	34
Allison Transmission	35
Nameplate Location.....	35
Nameplate Components with Ten Group Spaces(c).....	35
Nameplate Components with Twelve Group Spaces(c).....	36
ZF Transmission.....	37
Transfer Case Identification	38
New Venture Gear	38
NVG 900	38
Borg Warner	39

Axle Identification – Front	40
Axle Identification – Rear	41
Label - Vehicle Certification, Tire Place Card, Anti-Theft and Service Parts ID	42
Vehicle Certification Label	42
Tire Placard	43
Service Parts ID Label	43
Anti-Theft Label	43
RPO Code List	44
Standard Duty	44
Heavy Duty	49
Technical Information	53
Maintenance and Lubrication	53
Capacities - Approximate Fluid	53
Axle Capacities	53
Cooling System	53
Lubrication System	53
Engine Oil with Filter	53
Fuel Tank	53
Transfer Case	54
Transmission	54
Maintenance Items – Gasoline Engine	54
Engine Air Cleaner/Filter	54
Oil Filter	54
Spark Plugs	54
Wiper Blades (ITTA Type)	54
Fluid and Lubricant Recommendations – Gasoline Engine	54
Maintenance Items – Diesel Engine	56
Fluid and Lubricant Recommendations – Diesel Engine	56
GM Oil Life System - Resetting	57
Descriptions and Operations	58
Power Steering System	58
Without Electro-Hydraulic Steering	58
With Electro-Hydraulic Steering	59
EHPS Module	59
Steering Linkage (Non-Rack and Pinion)	61
Steering Wheel and Column	61
Vehicle Steering	61
Vehicle Security	61
Driver Convenience	61
Driver Safety	62
Rear Wheel Steering Description and Operation	62
Rear Wheel Steering Control Module	62
Important	62
Rear Wheel Steering Mode Switch	63
2-Wheel Steer Mode	63
4-Wheel Steer Mode	63
4-Wheel Steer Tow Mode	63
Rear Wheel Steering Gear Motor	63
Steering Wheel Position Sensor	63
Rear Wheel Steering Position Sensor	63
Combined Yaw Rate Sensor / Lateral Accelerometer Sensor	64
Steerable Rear Axle	64

Suspension Description and Operation	64
Front Suspension	64
Coil Spring	64
Torsion Bar	65
Rear Suspension	65
Selectable Ride Description and Operation	66
Wheels and Tires	66
Fastener Tightening Specifications	66
General Description	66
Tread Wear Indicators Description	66
Metric Wheel Nuts and Bolts Description	67
Tire Inflation Description	67
Tire Description	68
Conditions for Tire Replacement	69
All Seasons Tires Description	69
P-Metric Sized Tires Description	70
Driveline System Description and Operation	71
Driveline/Axle – Propeller Shaft	71
Front Propeller Shaft Description	71
One Piece Propeller Shaft Description	71
Two Piece Propeller Shaft Description	71
Propeller Shaft Phasing Description	71
Universal Joint Description	71
Center Bearing Description	71
Wheel Drive Shafts Description and Operation	72
Front Drive Axle Description and Operation	72
Selectable Four Wheel Drive (S4WD) Front Axle Description and Operation	72
Full-Time Four Wheel Drive (F4WD) Front Axle Description and Operation	72
Rear Drive Axle Description and Operation	73
Locking/Limited Slip Rear Axle Description and Operation	73
Limited-Slip Function	74
Locking Function	74
Locking Differential Torque-Limiting Disc	75
Transfer Case - NVG 149-NP3 (One Speed Automatic)	75
Transfer Case - NVG 261-NP2 (Two Speed Manual)	76
NVG 261 Variations	77
Transfer Case - NVG 263-NP1 (Two Speed Selectable)	77
NVG 263 Variations	78
Transfer Case - NVG 246-NP8 (Two Speed Automatic)	78
Braking System Description and Operation	79
Hydraulic Brake System Description and Operation	79
System Component Description	79
Hydraulic Brake Master Cylinder Fluid Reservoir	79
Hydraulic Brake Master Cylinder	79
Hydraulic Brake Pressure Balance Control System	80
Hydraulic Brake Pipes and Flexible Brake Hoses	80
Hydraulic Brake Wheel Apply Components	80
System Operation	80
Brake Assist System Description and Operation	80
System Component Description	80
Brake Pedal	80
Brake Pedal Pushrod	80
Vacuum Brake Booster	80
Vacuum Source	80
Vacuum Source Delivery System	80

System Operation.....	80
Disc Brake System Description and Operation.....	81
System Component Description.....	81
Disc Brake Pads	81
Disc Brake Rotors.....	81
Disc Brake Pad Hardware	81
Disc Brake Caliper Hardware	81
System Operation.....	81
Drum Brake System Description and Operation.....	81
System Component Description.....	81
Drum Brake Shoes	81
Brake Drums.....	81
Drum Brake Hardware	81
Drum Brake Adjusting Hardware	81
System Operation.....	81
Park Brake System Description and Operation w/Rear Disc.....	82
General Description.....	82
Park Brake Pedal Assembly	82
Park Brake Release Handle Assembly.....	82
Park Brake Cables.....	82
Park Brake Cable Equalizer	82
Park Brake Apply Lever	82
Park Brake Actuator/Adjuster	82
Park Brake Shoe.....	82
System Operation.....	82
Park Brake System Description and Operation (w/Rear Drum)	82
System Component Description.....	82
Park Brake Pedal Assembly:	82
Park Brake Release Handle Assembly:.....	82
Park Brake Cables:.....	83
Park Brake Cable Equalizer:	83
Park Brake Apply Lever:	83
System Operation.....	83
ABS Description and Operation.....	83
Antilock Brake System	83
Engine Description and Operation.....	84
Engine Mechanical – 4.3L (RPO LU3, VIN X)	84
General Specifications	84
General	84
Balance Shaft	84
Block	84
Camshaft	84
Connecting Rod	84
Crankshaft	84
Exhaust Manifold	85
Intake Manifold	85
Lubrication System	85
Piston Rings.....	85
Pistons and Pins	86
Valve System.....	86
Fastener Tightening Specifications	86
Engine Component Description.....	89
Balance Shaft	89
Camshaft	89
Crankshaft	89

Cylinder Heads	89
Engine Block	89
Exhaust Manifolds	90
Intake Manifold	90
Piston and Connecting Rod Assemblies	90
Valve Train.....	90
Crankcase Ventilation System Description	90
Drive Belt System Description.....	90
Lubrication Description.....	91
Engine Mechanical – 4.8, 5.3, 6.0L.....	93
General Specifications 4.8L (LR4 VIN V).....	93
General	93
Block	93
Camshaft	93
Connecting Rod	93
Crankshaft	94
Cylinder Head	94
Intake Manifold	94
Lubrication System	94
Oil Pan	95
Piston Rings.....	95
Pistons and Pins	95
Valve System.....	96
General Specifications 5.3L (LM7 VIN T).....	97
General	97
Block	97
Camshaft	97
Connecting Rod	97
Crankshaft	98
Cylinder Head	98
Intake Manifold	98
Lubrication System	98
Oil Pan	99
Piston Rings.....	99
Pistons and Pins	99
Valve System.....	100
General Specifications 5.3L (L59 VIN Z).....	101
General	101
Block	101
Camshaft	101
Connecting Rod	101
Crankshaft	102
Cylinder Head	102
Intake Manifold	102
Lubrication System	102
Oil Pan	103
Piston Rings.....	103
Pistons and Pins	103
Valve System.....	104
General Specifications 5.3L (L33 VIN B)	105
General	105
Block	105
Camshaft	105
Connecting Rod	105
Crankshaft	106
Cylinder Head	106

Intake Manifold	106
Lubrication System	106
Oil Pan	107
Piston Rings.....	107
Pistons and Pins	107
Valve System	108
General Specifications 6.0L (LQ4 VIN U)	109
General	109
Block	109
Camshaft	109
Connecting Rod	109
Crankshaft	110
Cylinder Head	110
Intake Manifold	110
Lubrication System	110
Oil Pan	111
Piston Rings.....	111
Pistons and Pins	111
Valve System	112
General Specifications 6.0L (LQ9 VIN N)	113
General	113
Block	113
Camshaft	113
Connecting Rod	113
Crankshaft	114
Cylinder Head	114
Intake Manifold	114
Lubrication System	114
Oil Pan	115
Piston Rings.....	115
Pistons and Pins	115
Valve System	116
Fastener Tightening Specifications - 4.8L, 5.3L, 6.0L.....	117
Engine Component Description.....	120
The 4.8, 5.3, and 6.0 Liter V8 Engines	120
The 4.8, 5.3, and 6.0 liter V8 engines are identified as RPO LR4 VIN V (4.8L), RPO LM7 VIN T (5.3L), RPO L33 VIN B (5.3L), RPO L59 VIN Z (5.3L), RPO LQ4 VIN U (6.0L), and RPO LQ9 VIN N (6.0L).....	120
Camshaft and Drive System	120
Crankshaft	120
Cylinder Heads	121
Engine Block.....	121
Exhaust Manifolds	121
Intake Manifold	121
Oil Pan	121
Piston and Connecting Rod Assembly	121
Valve Rocker Arm Cover Assemblies.....	121
Valve Train.....	121
Lubrication Description.....	122
Drive Belt System Description.....	122
Crankcase Ventilation System Description	123
Engine Mechanical –6.6L Diesel (RPO LLY).....	124
Engine Mechanical Specifications.....	124
General	124
Block	124
Camshaft	124

Cooling System	124
Connecting Rod	124
Crankshaft	124
Cylinder Head	125
Exhaust Manifold	125
Intake Manifold	125
Lubrication System	125
Oil Pump	125
Piston Rings	125
Pistons and Pins	126
Starter	126
Turbocharger	126
Valve System	126
Fastener Tightening Specifications	127
Drive Belt System Description	130
Engine Component Description	130
Upper Oil Pan	130
Crankshaft	130
Connecting Rods	130
Pistons	130
Cylinder Heads	130
Valve Train	130
Fuel System	130
Fuel Injection Control Module	131
Turbocharger	131
Oil Cooler	131
Oil Pump	131
Water Pump	131
Engine Covers	131
Lubrication Description	132
Lubrication Flow Schematic	132
Crankcase Ventilation System Description	133
Engine Mechanical – 8.1L (RPO L18 VIN G)	134
General Specifications	134
General	134
Block	134
Camshaft	134
Connecting Rod	134
Crankshaft	134
Cylinder Head	135
Exhaust Manifold	135
Lubrication System	135
Piston Rings	135
Piston Ring End Gap	135
Piston Ring-to-Groove Clearance	135
Piston and Pins	135
Piston	135
Pin	135
Valve System	136
Valves	136
Rocker Arms	136
Valve Springs	136
Fastener Tightening Specifications	137
Drive Belt System Description	139
Engine Component Description	139
Cylinder Head	139

Camshaft	140
Crankshaft	140
Pistons and Connecting Rods	140
Valve Train.....	140
Intake Manifold	140
Exhaust Manifold	140
Lubrication Description.....	141
Engine Cooling	143
Fastener Tightening Specifications.....	143
Cooling System Description and Operation.....	144
Engine Coolant Indicators	144
ENGINE COOLANT HOT	144
ENGINE OVERHEATED	144
LOW COOLANT LEVEL B.....	144
REDUCED ENGINE POWER	144
Cooling Fan Control - Two Fan System	145
Coolant Level Control (If Equipped)	145
Coolant Heater	145
Cooling System	146
Cooling Cycle	146
Cooling Cycle (6.6L Diesel Engine)	146
Coolant	146
Radiator	146
Surge Tank.....	147
Pressure Cap	147
Cooling Fan and Clutch.....	147
Air Baffles and Seals	147
Water Pump.....	148
Water Pump (6.6L Diesel Engine).....	148
Thermostat	148
Thermostats (6.6L Diesel Engine).....	148
Engine Oil Cooler	149
Engine Oil Cooler (6.6L Diesel Engine)	149
Transmission Oil Cooler	149
Turbocharger Bypass Valve (6.6L Diesel Engine)	149
Starter Generator Control Module Cooling System Description and Operation	149
SGCM Cooling System Components	149
SGCM	149
SGCM Coolant Pump	150
SGCM Coolant Fan	150
SGCM Cooling System Operation	150
SGCM Cooling System Coolant Cycle	150
Engine Electrical	151
Fastener Tightening Specifications.....	151
Battery Usage – Non HP2.....	153
Battery Usage (HP2).....	153
Battery Temperature vs Minimum Voltage	153
Starter Motor Usage.....	153
Generator Usage.....	154
Battery Description and Operation.....	154
Reserve Capacity	155
Cold Cranking Amperage	155
Circuit Description	155
Starting System Description and Operation.....	155
Charging System Description and Operation (W/O Generator/Battery Control Module)	156

Generator	156
Regulator	156
Auxiliary Battery Charging	156
Energy Storage Box (ESB) Description and Operation	157
Energy Storage Box (ESB)	157
Hybrid Control Module (HCM) Description and Operation	158
Hybrid Control Module (HCM)	158
Starter/Generator Description and Operation	158
Starter/Generator Control Module (SGCM) Description and Operation	158
Engine Controls	159
Engine Controls – 4.3L	159
Ignition System Specifications	159
Fastener Tightening Specifications	159
Fuel System Specifications	160
Engine Controls – 4.8, 5.3 & 6.0L	161
Ignition System Specifications	161
Fastener Tightening Specifications	161
Engine Controls – 6.6L Diesel	162
Fastener Tightening Specifications	162
Fuel System Specifications	163
What Fuel to Use in the United States	163
What Fuel to Use in Canada	163
Very Cold Weather Operation	164
Fuel Specific Gravity Testing	164
Fuel Injector Return Flow and Fuel Pressures	164
Water in Fuel	164
Very Cold Weather Operation	164
Water in Fuel	165
Glow Plug System Description	165
Glow Plugs	165
Glow Plug Relay/Controller	165
Accelerator Pedal Position (APP) System Description	166
Accelerator Pedal Position (APP) Sensor	166
Exhaust Gas Recirculation (EGR) System Description	166
Air Intake System Description	168
Air Cleaner Restriction Indicator	168
Manual High Idle System Description	168
High Idle System	168
High Idle Speed Enable and Disable	169
Turbocharger Description and Operation	170
Turbocharger Vane Position Control Solenoid Valve	171
Turbocharger Vane Position Sensor	171
Engine Control Module (ECM)	171
Engine Controls – 8.1L	172
Ignition System Specifications	172
Fastener Tightening Specifications	172
Exhaust System	173
Fastener Tightening Specifications	173
Exhaust System Description	174
Resonator	174
Catalytic Converter	174
Muffler	174
Transmission/Transaxle Description and Operation	175
Manual Transmission - NV 3500	175

Fastener Tightening Specifications	175
Lubrication Specifications.....	175
Description and Operation.....	175
Manual Transmission - NV 4500.....	176
Fastener Tightening Specifications	176
Lubrication Specifications.....	176
Description and Operation.....	176
Manual Transmission - ZF S6-650.....	177
Fastener Tightening Specifications	177
Lubrication Specifications.....	177
Description and Operation.....	177
Clutch	179
Fastener Tightening Specifications	179
Clutch Types.....	179
4.3L Clutch.....	179
4.8L Clutch.....	179
6.0L Clutch.....	179
8.1L Clutch.....	179
6.6L Clutch.....	179
Principal Components	180
Clutch Driving Members	180
Clutch Driven Members	180
Clutch Operating Members	180
Hydraulic Clutch Description	181
Principal Components.....	181
Clutch Driving Members	181
Clutch Driven Members	181
Clutch Operating Members.....	181
Hydraulic Clutch Description.....	182
Automatic Transmission – 4L60E	183
Transmission General Specifications	183
Fastener Tightening Specifications (M30/M32).....	183
Fastener Tightening Specifications (M33 Only)	184
Fluid Capacity Specifications	185
Secondary Fluid Pump Assembly Specifications (M33 Only)	185
Pump.....	185
Relief Pressure	185
Operating Temperature	185
Motor.....	185
Operating Voltage.....	185
Transmission Component and System Description	186
Adapt Function	186
Transmission Adapt Function	186
Automatic Transmission Shift Lock Control Description	187
Automatic Transmission – 4L80E	188
Transmission General Specifications	188
Fastener Tightening Specifications	188
Fluid Capacity Specifications Overhaul.....	189
Transmission General Description	189
Automatic Transmission - Allison.....	190
Transmission General Specifications	190
Fastener Tightening Specifications	190
Fluid Capacity Specifications	191
Description and Operation.....	191
Component and System Description.....	191
Engine/Transmission Connection.....	191

Torque Converter.....	191
Gear Sets.....	191
Clutches.....	191
Hydraulic System.....	192
Transmission Fluid Filtration.....	192
Electro-Hydraulic Control Valve Assembly.....	192
Remote Oil Cooler Provision.....	192
Fill Tube/Dipstick Provision.....	192
Park Pawl.....	192
PTO Provision.....	192
Output Yoke/Flange.....	192
Tow/Haul Mode.....	192
Activation.....	193
Abbreviations and Meanings.....	i
Conversion - English/Metric.....	i
Equivalents - Decimal and Metric.....	ii
Fasteners.....	i
Metric Fasteners.....	i
Fastener Strength Identification.....	i
Prevailing Torque Fasteners.....	ii
All Metal Prevailing Torque Fasteners.....	ii
Nylon Interface Prevailing Torque Fasteners.....	ii
Adhesive Coated Fasteners.....	ii
Metric Prevailing Torque Fastener Minimum Torque Development.....	iii
All Metal Prevailing Torque Fasteners.....	iii
Nylon Interface Prevailing Torque Fasteners.....	iii
English Prevailing Torque Fastener Minimum Torque Development.....	iv
All Metal Prevailing Torque Fasteners.....	iv
Nylon Interface Prevailing Torque Fasteners.....	iv

Product Information

2006 Chevy Silverado: Expanded Performance and Versatility

Chevrolet Silverado is GM's best-selling vehicle and has earned its reputation for top-notch performance, dependability and capability. Silverado also is known for having one of the broadest model ranges in the industry, with a diverse array of body styles and powertrains that combine to create the vehicles to meet every full-size pickup customer's needs, whether professional or personal.

The Silverado lineup's diversity and performance capability expands in the 2006 model year, with new models and revised powertrain offerings, including nationwide availability of the Silverado 1500 Hybrid. Here's a look at all that's new:

New front-end appearance for 1500/1500HD/2500HD models

All 2006 Silverado 1500, 1500HD and 2500HD models have a new front-end appearance, with a revised grille design and a new, power dome hood. A prominent gold bowtie is centered on a new, dual-port grille design, while the power dome hood – a design borrowed from Silverado 3500 models – conveys strength. The new front end has a refined look, with a body-color bumper top cap, while the power dome hood gives all Silverado models a strong, cohesive appearance.

VortecMAX Performance Package

Designed to enhance the towing capability of 4WD models of the Silverado 1500 extended cab/regular-length box and Silverado 1500 Crew Cab, the new VortecMax Performance Pack includes a high-output Vortec 6000 engine rated at 345 horsepower (257 kw) and 380 lb.-ft. of torque (515 Nm), a heavy-duty trailering package and a new 9.5-inch rear axle.

The high-output 6.0L engine and heavy-duty 9.5-inch axle help give Silverado best-in-class towing capability. The VortecMAX Performance Package also includes a locking rear differential, special exterior badging and a unique engine cover.

The VortecMAX Performance Package is available on all 1500, 1500HD and 2500HD cabs, with either 2WD or 4WD. It is available on vehicles with mid- and uplevel trim.

Silverado 1500 Extended Cab/Short Box models

Silverado 1500 is now available with a new extended cab/short box configuration. Available with 2WD or 4WD, the extended cab design is matched with a 5-foot 8-inch box – the same as Crew Cab models – giving customers three bed choices: short, standard (6-foot 6-inches) and long (8-foot).

Silverado extended cab/short box models come with LT trim and the Vortec 5300 V-8 (LM7), which is rated at 295 horsepower (220 kw) and 335 lb.-ft. of torque (463 Nm). Two-wheel drive models have a GVWR of 6200 pounds (2812 kg); the 4WD model has a 6400-pound (2903 kg) GVWR.

New diesel engine

An all-new version of the Duramax 6600 turbo-diesel V-8 engine will debut in the interim 2006 model year as an option on Silverado Heavy Duty models. When mated to an all-new Allison 1000 six-speed automatic transmission, the new powerplant will deliver more horsepower – 360 hp (268 kw) at 3200 rpm – and increased torque, at 650 lb.-ft. (881 Nm). The power increase comes with lower emissions and significantly improved quietness and smoothness.

The Duramax 6600's horsepower and torque increase and emissions reduction are enabled by a strengthened iron cylinder block and a lower compression ratio. The lower compression reduces stress on the engine by reducing the peak cylinder firing pressure. This, in turn, allows more fuel to be burned – more fuel means more power – while the lower compression helps reduce NOx emissions. Lower compression also helps reduce noise and vibration, making the 6600 a quieter and smoother engine.

A revised variable-geometry turbocharger also enhances the driving experience of the Duramax 6600. Aerodynamic changes to the turbo's impellers help tailor controlled application of turbo power for seamless and immediate response at full throttle. The turbo, which spins at up to 120,000 rpm, is high-

speed-balanced, reducing vibration and resonance – and contributing to the engine's overall smoothness and refinement. The revised turbo also helps reduce emissions, while maximum boost remains at 20 psi.

Another new feature of the Duramax 6600's turbo system is the capability of the variable-geometry turbocharger to provide exhaust braking. This function is available on some medium duty truck models and can replace add-on exhaust brake hardware. With the new system, braking is controlled by a signal from the engine controller and can be activated by the driver.

The comprehensive list of changes and upgrades to the 2006 Duramax 6600 includes:

- Cylinder block casting and machining changes strengthen the bottom of the cylinder bores to support increased horsepower and torque
- Upgraded main bearing material increases durability
- Revised piston design helps lower compression ratio to 16.8:1 from 17.5:1
- Piston pin bore diameter increased to for increased strength
- Connecting rod "I" section is thicker for increased strength
- Cylinder heads revised to accommodate lower compression and reduced cylinder firing pressure
- Maximum injection pressure increased from 23,000 psi to almost 26,000 psi
- Fuel delivered via higher-pressure pump, fuel rails, distribution lines and all-new, seven-hole fuel injectors
- Fuel injectors spray directly onto glow plugs, providing faster, better-quality starts and more complete cold-start combustion for reduced emissions
- Improved glow plugs heat up faster through an independent controller
- Revised variable-geometry turbocharger is aerodynamically more efficient to help deliver smooth and immediate response and lower emissions
- Air induction system re-tuned to enhance quietness
- EGR has larger cooler to bring more air into the system
- First application of new, 32-bit E35 controller, which adjusts and compensates for the fuel flow to bolster efficiency and reduce emissions

The Duramax 6600 also has a new intake air heater to reduce smoke and emissions during cold or light-load driving. The system features a 600-watt grid heater located in the air intake duct, which is triggered automatically by the engine controller. It heats up the incoming air to speed warm-up of the engine.

Silverado SS 2WD

Introduced interim 2005, the Silverado SS is now available in a two-wheel drive configuration. The new model has an 8,100-pound (3,674 kg) towing capacity and broadens SS performance choices by offering customers traditional rear-wheel drive performance at a great value.

The Silverado SS is based on the 1500 Series Extended Cab with a short bed. It is powered by a high-output version of GM's Vortec 6000 V-8, which pumps out 345 horsepower (257 kw) and 380 lb.-ft. (515 Nm) of torque. The engine is connected to a Hydra-Matic 4L85-E four-speed automatic overdrive transmission equipped with a 3.06 first gear and 0.70 final gear, which transfers power to a 4.10-geared locking rear axle for rapid acceleration and relaxed highway cruising.

Allison six-speed automatic transmission

The Allison 1000 transmission grows from a five-speed automatic to a first-in-class six-speed automatic. It's available for 2006 Silverado HD models equipped with the Duramax 6600 6.6L V-8 diesel or Vortec 8100 8.1L V-8. The transmission features a class-first range selection function, as well offering enhanced fuel economy, quietness and control. The range selection function allows the driver to easily select the desired gears to match driving conditions, such as towing a trailer on a steep grade.

The sixth gear – essentially a second overdrive gear – enables a wide, 5.08:1 overall forward gear ratio and allows the vehicle's engine to operate at lower rpm, particularly during higher-speed driving on highways and freeways. Its 0.61 ratio provides a 1550-rpm engine speed at 60 mph, compared with the five-speed transmission's 1800-rpm engine speed at 60 mph. The engine uses less fuel at lower rpm, enabling increased fuel mileage and range. The ratios of gears 1 through 5 remain the same as the Allison 1000 five-speed, including the 0.75:1 fifth gear.

A tow/haul mode is retained on the Allison 1000 six-speed, but it is complemented by a new range selection feature that allows the driver to select the desired gears via a thumb-activated switch on the shifter. This provides a feeling of enhanced control in unique driving situations, such as towing on a steep grade. The range selection feature holds the gear pre-selected by the driver and electronic safeguards prevent the transmission from being shifted in a manner that could cause engine damage or loss of vehicle control.

Diesel-engine vehicles equipped with the Allison 1000 six-speed feature cruise control grade braking. Working in harmony with the tow/haul mode, the cruise grade braking system will automatically downshift to help maintain the pre-selected cruise speed when driving on downhill grades. A new low-traction mode also is standard on vehicles equipped with the diesel engine. When the driver selects second gear while stopped and wheel slip occurs, the transmission torque-manages the engine to limit tire slip on slippery road surfaces.

Silverado Hybrid models available nationwide

Previously available in select markets, Silverado 1500 Hybrid is available nationally in the 2006 model year. Silverado 1500 Hybrid promises up to 10 percent fuel economy improvement through its ability to automatically stop and restart the engine under different operating circumstances. Instead of a conventional starter motor and alternator, Hybrid pickups use a compact 14-kw electric induction motor or starter generator integrated in a patented, space-efficient manner between the engine and transmission. The starter generator provides fast, quiet starting power and allows automatic engine stops/starts to conserve fuel. It also smoothes out any driveline surges; generates electrical current to charge the batteries and run auxiliary power outlets; and provides coast-down regenerative braking, as an aid to fuel economy.

The standard Vortec 5300 V-8 engine delivers 295 horsepower (220 kw) and 335 lb.-ft. (463 Nm) of torque – the same as its non-hybrid counterpart – along with the capability of acting as a mobile power-generating station, including four 120-volt/20-amp electrical auxiliary power outlets (APO). The power outlets are located under the rear seat of the cab and in the pickup bed. Customers can conveniently operate power equipment without taking up the bed space typical portable generators would use.

Additional changes for '06

All '06 Silverado models equipped with OnStar and XM Satellite Radio have a new, single-unit antenna that eliminates the need for two separate antennas. Also, the available OnStar Plus Package now includes OnStar, XM Satellite Radio and steering wheel-mounted radio controls.

A redesigned camper mirror is available. This new, vertical mirror has a larger glass area and manually extends outward to provide a greater view when towing a trailer or camper. It includes heated, power-adjustable flat glass and integrated turn signals. A convex "spotter mirror" glass also has been added to the mirror. The vertical design and new spotter mirror section answer customer requests for such a configuration.

Blue Granite Metallic and Graystone Metallic have been added to choices of exterior colors, replacing Dark Gray Metallic.

Silverado selection

Within the light duty lineup, Silverado can be ordered in an almost unlimited number of configurations: Regular, Extended or Crew Cab body styles; standard 6.5-foot (2 m) or extended 8-foot (2.4 m) cargo boxes, along with the new 5-foot 8-inch short box; 1500 half-ton or 2500 three-quarter-ton models; and either 2WD or 4WD systems.

An impressive array of Vortec engines is offered: a 4300 4.3 L V-6; 4800 4.8L V-8; two models of the Vortec 5300 5.3L V-8; and the powerful Vortec 6000 6.0L V-8. Engine output ranges from 195 hp (145 kw) all the way up to 345 hp (257 kw).

In addition to the new hybrid version, Silverado can be ordered in several reduced-emissions or alternative-fuel variations. All Silverados with the Vortec 4300 4.3L V-6, and those sold in California with the Vortec 4800 4.8L or Vortec 5300 5.3L V-8, have a robust catalytic converter system that meets Ultra

Low Emission Vehicle (ULEV) standards. Models equipped with the Vortec 6000 6.0L V-8 come with a dedicated compressed natural gas (CNG) or bi-fuel system that can run on CNG or gasoline.

Light duty Silverado models with the Vortec 5300 5.3L V-8 offer an option that enables owners to operate them on varying blends of ethanol and gasoline, up to a maximum of 85 percent ethanol.

Silverado can be equipped to meet any personal requirement or professional demand when it comes to hauling or towing. Payload capacities range from 1,295 pounds (587 kg) all the way to 4,047 pounds (1,836 kg) for 2500 heavy duty models. Gross Vehicle Weight Ratings range from 6,100 pounds (2,767 kg) to 10,100 pounds (4,173 kg) on the 1500 Extended Cab with standard-length box and 4WD.

Silverado safety

All Silverado models are equipped with GM's Passenger Sensing System, which uses the latest sensing technology to turn the front passenger air bag on or off. If the sensor system detects an unoccupied front passenger seat or the presence of a smaller occupant, the front passenger air bag is designed to automatically turn off so it would not deploy in the event of a frontal collision. A status indicator on the instrument panel alerts occupants that the passenger air bag is on or off. Even with this system, GM strongly recommends restraining child passengers in an appropriate child seat placed in the second or third row of the vehicle. Never install a rear-facing infant seat in front of an active air bag. GM also recommends that all children 12 and under ride in the rear seat when possible.

The Silverado also has dual-stage frontal air bags (not available on 1500HD Crew Cab and 2500HD and 3500 Series models) for supplemental protection for front seat passengers. Dual-stage frontal air bags are designed to help reduce the risk of air bag-induced injury. When the air bag system's control unit detects an impact, it determines whether the crash is severe enough to trigger a deployment, and whether the primary amount of inflation is sufficient. The primary stage alone will deploy in most frontal impacts requiring the supplemental protection of an air bag, while a secondary stage is designed to deploy in more severe frontal collisions.

GM's OnStar safety and security system is standard on LT and available on LS light duty models. In the heavy-duty range, OnStar is standard on Silverado LT Extended Cab and Crew Cab models, and available on 2500 HD and 3500 models. OnStar-equipped Silverados feature OnStar dual-mode (analog-digital) equipment. OnStar's digital equipment also includes enhanced hands-free voice recognition capabilities including more intuitive continuous digit dialing and improved voice recognition accuracy. OnStar is the leading provider of in-vehicle safety, security and information services in the United States and Canada. Using the GPS satellite network and wireless technology, OnStar features core safety services and OnStar Hands-Free Calling that allows drivers to make and receive voice-activated phone calls using an externally mounted antenna for greater reception.

Additional safety and security systems include electronic traction control on 2WD Silverados to enhance handling and response on models equipped with a V-8 engine, automatic transmission and locking rear differential. All models come standard with PASSLock II theft deterrent system, and a driver information center that monitors and reports on up to 34 vehicle system functions.

Air conditioning, chrome front bumpers, tinted glass, power steering with tilt-adjustable column, a full-size spare tire and heavy-duty battery also are standard on all Silverado models.

Silverado entertainment

Impressive entertainment systems – from available Bose sound systems to a Panasonic DVD passenger entertainment system – add to Silverado's comforts. These systems (except the base fleet radio) feature the next-generation Radio Data System, and can interface with services such as the optional XM Satellite Radio. On Crew Cab models, available rear-seat audio controls allow second-row passengers to enjoy a separate audio source from front-seat occupants.

Z71 Off-Road Package

The Silverado Z71 Off-Road Package is available on half-ton 4WD models with LT trim. The Z71 package includes 46-mm gas-charged shock absorbers, off-road jounce bumpers, specific stabilizer bars, a skid-plate package, a high-capacity air cleaner and distinctive Z71 decals for the pickup box.

Silverado Z71 can be equipped with features such as cruise control, rear defogger, power door locks, remote keyless entry, rearview mirror, AM/FM stereo with CD and cassette player, leather-wrapped steering wheel, power windows, fog lamps, color-keyed grille and deep-tinted glass.

Silverado Heavy Duty power

Chevy Silverado Heavy Duty pickups comprise the segment's most diverse lineup of workhorse pickups, with a wide selection of weight ratings, body styles and powertrain combinations including diesel and compressed natural gas (CNG) models. At the top of the gasoline engine range is the available Vortec 8100 8.1L V-8, rated at 330 hp (246 kw) and 450 lb.-ft. (610 Nm) of torque. The available Duramax Diesel engine is enhanced for '06 for improved performance, smoothness and quiet.

Up to 14 Silverado HD models can run on dedicated (CNG) or bi-fuel systems, the latter which operates on either CNG or gasoline when equipped with a Vortec 6000 6.0L V-8 with hardened valves and seats to withstand CNG's lack of lubricity and cooling. Special versions with reduced gross vehicle weight ratings (8,500 pounds or 3,825 kg) enable customers to meet fleet requirements in "non-attainment" areas, while GVWR ratings of up to 9,200 pounds (4,173 kg) are available.

With impressive power, tough frames, advanced suspensions and high-capacity brakes, the 2500HD/3500 Series provides outstanding payload capacities as well as outstanding hauling and towing capabilities. The three-quarter-ton models have a GVWR as much as 9,200 pounds (4,173 kg), and payloads up to 3,964 pounds (1,798 kg). The one-ton pickup models have a GVWR up to 11,400 pounds (5,171 kg) and payloads up to 5,753 pounds (2,610 kg).

For chassis cab models, Silverado HD has an 11,400-pound (5,171-kg) GVWR for 2WD versions and a 12,000-pound (5,443 kg) GVWR when equipped with 4WD. Chassis cabs provide payloads up to 6,089 pounds (2,762 kg).

New For 2006

- New light duty front-end design with power dome hood
- VortecMAX Performance Package with enhanced towing capability for 2500 4WD models; includes VortecMAX 6000 V-8 with 345 hp (257 kw)
- Extended cab with short box models (2WD and 4WD), with Vortec 5300 V-8 and LT trim
- Duramax Diesel engine enhanced
- Silverado SS 2WD
- Allison 1000 six-speed automatic transmission
- Silverado Hybrid models available nationwide
- Revised extendable outside camper mirror
- OnStar and XM Satellite Radio antennas combined into a single unit
- OnStar Plus package includes OnStar, XM Satellite Radio and steering wheel radio controls

Model Lineup – Silverado**Light Duty Model Lineup**

	Engines					Transmissions				
	Vortec 4300 4.3L V- 6	Vortec 4800 4.8L V- 8	Vortec 5300 5.3L V- 8 ***	Vortec 6000 6.0L V- 8	Vortec HO 6000 6.0L V- 8	4-spd auto (Hydra- Matic 4L60- E)	4-spd auto (Hydra- Matic 4L80- E)	4-spd auto (Hydra- Matic 4L85- E)	5-spd man (MG5)	5-spd HD man (MW3)
1500 Regular Cab, Standard Box	s	o	o*	—	o	o	—	—	s	—
1500 Regular Cab, Long Box	s	o	o*	—	o	o	—	—	s	—
1500 Extended Cab, Regular Box	—	s**	o*	—	o	s	—	—	—	—
1500 Extended Cab, Long Box	—	s**	o*	—	o	s	—	—	—	—
1500 Extended Cab, Short Box	—	—	s	—	o	s	—	—	—	—
1500 Crew Cab, Short Box	—	—	s	—	o	s	—	—	—	—
1500HD Crew Cab, Short Box	—	—	—	s	o	—	s	—	—	—
2500HD Regular Cab, Long Box	—	—	—	s	o	—	o	—	—	s
2500HD Extended Cab, Short Box	—	—	—	s	o	—	o	—	—	s
2500HD Crew Cab, Short Box	—	—	—	s	o	—	s	—	—	—
SS	—	—	—	—	s	—	—	s	—	—

* Available only with four-speed automatic overdrive transmission

** Vortec 5300 V-8 is included with LT trim

*** Higher-output 310 hp /231 kw version available on 4WD Extended Cab w/standard box

Key:

Standard s

Optional o

Not available --

Silverado HD Model Lineup

	Engines			Transmissions			
	Vortec 6000 6.0L V-8	Vortec 8100 8.1L V-8	Duramax 6600 6.6L V-8	5-spd man (MW3)	6-spd man (ML6)	4-spd auto (Hydra- Matic 4L80- E)	6-spd auto
Pickups							
C/K25903 HD, C/K35903 2WD/4WD Regular Cab, Wideside Long Box	s	o	o	s	o	o	o
C/K25753 HD 2WD/4WD Extended Cab, Wideside Short Box	s	o	o	s	o	o	o
C/K25953 HD, C/K35953 2WD/4WD Extended Cab, Wideside Long Box	s	o	o	s	o	o	o
C/K25743 HD 2WD/4WD Crew Cab, Wideside Short Box	s	o	o	s	o	o	o
C/K25943, C/K35943 2WD/4WD Crew Cab, Wideside Long Box	s	o	o	s	o	o	o
Chassis Cabs							
C/K36003, C/K36403 2WD/4WD Regular Cab	s	o	o	s	o	o	o
C/K36053, C/K36453 2WD/4WD Extended Cab	s	o	o	s	o	o	o

Key:

Standard s
Optional o
Not available --

Specifications – Silverado 1500 Series

Vehicle Overview

Models:	Chevrolet Silverado 1500, including 1500 Hybrid, 1500HD and 2500
	Regular Cab Fleetside / Sportside Short Box, 2WD and 4WD: Base & LS
	Regular Cab Fleetside Longbox, 2WD and 4WD: Base & LS
	Extended Cab Fleetside/Sportside Short Box, 2WD and 4WD: Base, LS & LT
	Extended Cab Fleetside Long Box, 2WD & 4WD: Base LS & LT
	Crew Cab Fleetside Short Box, 2WD & 4WD, LS & LT
Body style / driveline:	2/3 passenger Regular Cab, 5/6 passenger Crew Cab or 5/6 passenger Extended Cab, 2- and 4-wheel-drive pickup
Construction:	body on frame
EPA vehicle class:	full-size truck
Manufacturing location:	Oshawa, Ontario, Canada; Fort Wayne, Indiana; Pontiac, Michigan
Key competitors:	Ford F-Series Pickup, Dodge Ram Pickup, Toyota Tundra Pickup, Nissan Titan Pickup

Engines

	Vortec 4300 4.3L V-6 (LU3)	Vortec 4800 4.8L V-8 (LR4)	Vortec 5300 5.3L V-8 (LM7) <i>including Hybrid model</i>	Vortec 5300 5.3L V-8 (L33)
Type:	4.3L V-6	4.8L V-8	5.3L V-8	5.3L V-8
Displacement (cu in / cc):	262 / 4300	293 / 4807	325 / 5328	325 / 5328
Bore & stroke (in / mm):	4 x 3.48 / 101.6 x 88	3.78 x 3.27 / 96.01 x 83	3.78 x 3.62 / 96.01 x 92	3.78 x 3.62 / 96.01 x 92
Block material:	cast iron	cast iron	cast iron	aluminum with iron cylinder sleeves
Cylinder head material:	cast iron	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Ignition system:	direct composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires	coil near plug, composite distributor, platinum-tipped spark plugs, low-resistance spark plug wires
Fuel delivery:	sequential fuel injection	sequential fuel injection	sequential fuel injection	sequential fuel injection
Compression ratio:	9.2:1	9.5:1	9.5:1	9.5:1
Horsepower (hp / kw @ rpm):	195 / 145 @ 4600	285 / 201 @ 5200	295 / 220 @ 5200	310 / 231 @ 5200
Torque (lb-ft / Nm @ rpm):	260 / 353 @ 2800	295 / 398 @ 4000	335 / 463 @ 4000	335 / 463 @ 4000
Recommended fuel:	87 octane	87 octane	87 octane	87 octane
Maximum engine speed (rpm):				
Manual:	5600	5600	5600	5600
Automatic:	5600	6000	6000	6000
Emissions controls:	3-way catalytic converter, exhaust gas recirculation, positive crankcase ventilation, evaporative collection system			

Engines (Continued)

	Vortec 5300 5.3L V-8 (L59) Flexible Fuel	Vortec 6000 6.0L V-8 (LQ4)	Vortec 6000 6.0L V-8 (LQ9) (Silverado SS)
Type:	5.3L V-8	6.0L V-8	6.0L V-8
Displacement (cu in / cc):	325 / 5328	364 / 5967	364 / 5967
Bore & stroke (in / mm):	3.78 x 3.62 / 96 x 92	4 x 3.62 / 101.6 x 92	4 x 3.62 / 101.6 x 92
Block material:	cast iron	cast iron	cast iron
Cylinder head material:	cast aluminum	cast aluminum	cast aluminum
Valvetrain:	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Ignition system:	coil near plug, composite distributor, platinum- tipped spark plugs, low- resistance spark plug wires	coil near plug, platinum- tipped spark plugs, low- resistance spark plug wires	coil near plug, platinum- tipped spark plugs, low- resistance spark plug wires
Fuel delivery:	sequential fuel injection	sequential fuel injection	sequential fuel injection
Compression ratio:	9.5:1	9.4:1	10:1
Horsepower (hp / kw @ rpm):	295 / 220 @ 5200	300 / 224 @ 4400	345 / 257 @ 5200
Torque (lb-ft / Nm @ rpm):	335 / 463 @ 4000	360 / 488 @ 4000	375 / 508 @ 4000
Recommended fuel:	87 octane or E85 (Ethanol)	87 octane	87 octane (premium recommended but not required)
Maximum engine speed (rpm):			
Manual:	5600	5600	5600
Automatic:	6000	5600	5600
Emissions controls:	3-way catalytic converter, exhaust gas recirculation, positive crankcase ventilation, evaporative collection system		

Estimated Fuel Economy

Estimated fuel economy (mpg city / highway / combined):	C1500 Series (2WD)	K1500 Series (4WD)
	auto trans, 4.3L: 16 / 20 / 18	auto trans, 4.3L: 16 / 20 / 18
	man trans, 4.3L: 17 / 23 / 20	man trans, 4.3L: 15 / 18 / 16
	auto trans, 4.8L: 16 / 21 / 18	auto trans, 4.8L: 15 / 18 / 16
	man trans, 4.8L: 16 / 20 / 18	man trans, 4.8L: 15 / 19 / 17
	auto trans, 5.3L: 16 / 21 / 18	auto trans, 5.3L: 15 / 18 / 16
		auto trans, 6.0L: 12 / 16 / 14

Transmissions

	NV3500 (MG5)	NV4500 (MW3)	Hydra-Matic 4L60-E (M30/M33)	Hydra-Matic 4L80-E	Hydra-Matic 4L85-E (Silverado SS)
Type:	5-speed manual	5-speed manual	4-speed automatic	4-speed automatic	4-speed automatic
Gear ratios (:1):					
First:	4.02	5.61	3.06	2.48	2.48
Second:	2.32	3.04	1.63	1.48	1.48
Third:	1.40	1.67	1.00	1.00	1.00
Fourth:	1.00	1.00	0.70	0.75	0.75
Fifth:	0.73	0.75	—	—	—
Reverse:	3.55	5.04	2.29	2.07	2.07
Final drive ratio:	3.08	3.42	3.08	3.42	4.10
	3.42	3.73	3.42	3.73	
	3.73	4.10	3.73	4.10	
	4.10		4.10		

Chassis/Suspension

Front:	1500 4WD, 2500: independent with computer-selected torsion bars, 28.6-mm stabilizer bar
	1500 2WD: computer-selected coil springs; gas-pressurized shocks; 31.8-mm stabilizer bar
Rear:	solid axle with semi-elliptic, variable-rate, two-stage multileaf springs; gas-pressurized shocks
Traction control:	2WD only
Steering type	
1500 4WD & 2500:	power recirculating ball
1500 2WD:	power rack-and-pinion
With QuadraSteer four-wheel steering:	front: hydraulic power, recirculating ball; rear: electrically powered (system also uses front steering-wheel position sensor, steerable solid hypoid rear axle, electric motor-drive actuator and control unit)
Steering ratio:	14.2:1
Steering wheel turns, lock-to-lock:	3
Turning circle, curb-to-curb (ft / m):	
2WD Reg. Cab Short Box:	40.1 / 12.2
2WD Ext. Cab Short Box:	46.6 / 14.2
4WD Ext. Cab Short Box:	47.3 / 14.4
2WD 1500 Crew Cab Short Box	46.6 / 14.2
4WD 1500 Crew Cab Short Box	47.3 / 14.4

Brakes

Type:	vacuum booster, power, 4-wheel disc, 4-wheel ABS, DRP; or vacuum booster, power, front disc/rear drum, 4-wheel ABS, DRP
Rotor diameter x thickness (in / mm)	
1500 with disc/drum brakes:	front: 12.99 x 1.18 / 330 x 30 rear: 11.61 x 2.36 / 295 x 60
1500 with 4-wheel disc:	front: 12.01 x 1.14 / 305 x 29 rear: 12.8 x 0.78 / 325 x 20
1500HD, 2500:	front: 12.8 x 1.5 / 325 x 38 rear: 13 x 1.14 / 330 x 29
Total swept area (sq in / sq cm)	
1500 with disc/drum brakes:	front: 301.2 / 1944 rear: 172.4 / 1112
1500 with 4-wheel disc:	front: 213.6 / 1378 rear: 211.1 / 1362
1500HD, 2500:	front: 245.5 / 1584 rear: 236.5 / 1526

Wheels/Tires

Wheel size & type:	
Work Truck	6-lug 17-inch x 7.0-inch painted steel (std)
2WD Reg and Ext cab, 2WD/4WD Crew Cab:	6-lug 17-inch x 7.5-inch chrome-style steel (std w/YE9, opt w/o YE9,
	6-lug 17-inch x 7-inch cast alum (opt on all)
	6-lug 20-inch x 8.5-inch chrome alum (std w/B4V)
	6-lug 20-inch x 8.5-inch chrome alum (std w/Silverado SS)
1500HD:	8-lug 16-inch x 6.5-inch chrome-style steel (std)
	8-lug 16-inch x 6.5-inch cast alum (opt)
Tires:	
2WD:	P245/70R17-108S all-season blackwall (std)
	P245/70R17-108S all-season white-outlined letter (opt)
	P275/55R20-111S touring blackwall (std w/B4V)
	P235/75R16-106S all-season blackwall (std w/PHT)
	P235/75R16-106S all-season white-outlined letter (opt w/PHT)
4WD (Reg/Ext. Cab):	P265/70R17-113S all-season blackwall (std)
	P265/70R17-113S all-season, white outlined-letter (opt)
	P265/70R17-113S on-off road blackwall (opt)
	P265/70R17-113S on-off road white outlined letter (opt)
	P245/55R20-111S touring blackwall (std w/Silverado SS)
	P245/75R20-109S all season blackwall (std w/PHT)
	P245/75R20-109S all season white outlined letter (opt w/PHT)
4WD Crew Cab:	P265/70R17-113S all-season blackwall (std)
	P265/70R17-113S all-season white-outlined letter (opt)
1500HD 2WD/4WD:	LT245/75R16E-120S all season blackwall (opt)
	LT245/75R16E-120S on-off road blackwall (opt)
	P245/75R16-109S all-season white outlined letter (opt)
	P265/75R16-109S all-terrain, blackwall (opt)
	P265/75R16-109S all-terrain, white outlined letter (opt)
	LT245/75R16C-108R on-off road blackwall (opt)
	LT245/75R16C-108R on-off road white outlined letter (opt)

Dimensions

Exterior

	Regular Cab, Standard Box	Regular Cab, Long Box	Extended Cab, Standard Box	Extended Cab, Long Box	Extended Cab, Short Box	Crew Cab, Short Box	Crew Cab, Standard Box (1500HD)
	CC15703, CK15703	CC15903, CK15903	CC 15753, CK 15753	CC 15953, CK 15953	CC 15553, CK 15553	CC 15543, CK 15543	CC 15743, CK 15743
Wheelbase (in / mm):	119 / 3023	133 / 3378	143.5 / 3645	157.5 / 4000	134 / 3404	143.5 / 3645	153 / 3886
Overall length (in / mm):	202.9 / 5154	221.9 / 5636	227.4 / 5776	246.6 / 6264	217.9 / 5535	227.5 / 5779	237.2 / 6025
Overall width (in / mm)							
Base/fleet:	78.5 / 1994	78.5 / 1994	78.5 / 1994	78.5 / 1994	78.5 / 1994	78.5 / 1994	79.7 / 2024
With YE9 package opt mirrors folded:	81.5 / 2070	81.5 / 2070	81.5 / 2070	81.5 / 2070	81.5 / 2070	-	81.5 / 2070
With YE9 package opt mirrors extended:	93.1 / 2363	93.1 / 2363	93.1 / 2363	93.1 / 2363	93.1 / 2363	-	93.1 / 2363
Overall height (in / mm)							
2WD:	71.2 / 1808	71 / 1803	71.2 / 1808	70.8 / 1798	71.2 / 1808	72.6 / 1844	77 / 1956
4WD:	73.8 / 1875	73.7 / 1872	73.9 / 1877	73.7 / 1872	73.9 / 1877	75 / 1905	77.3 / 1963
Track (in / mm)							
Front:	65 / 1651	65 / 1651	65 / 1651	65 / 1651	65 / 1651	65 / 1651	68.6 / 1899
Rear	66 / 1676	66 / 1676	66 / 1676	66 / 1676	66 / 1676	66 / 1676	66 / 1676
Min. ground clearance (in / mm):							
2WD:	10.6 / 269	9.1 / 231	8 / 203	8 / 203	8 / 203	8.1 / 206	9.1 / 231
4WD:	8.4 / 213	8.4 / 213	8.7 / 221	8.4 / 213	8.7 / 221	8.7 / 220	10.6 / 269
Ground to top of load floor (in / mm):							
2WD:	31.6 / 803	31.6 / 803	31.6 / 803	31.6 / 803	31.6 / 803	31.6 / 803	-
4WD:	33.7 / 856	33.7 / 856	33.7 / 856	33.7 / 856	33.7 / 856	33.7 / 856	33.7 / 856
Step-in height:							
2WD:	19.5 / 495	19.5 / 495	19.5 / 495	19.5 / 495	19.5 / 495	19.5 / 495	19.5 / 495
4WD:	21.3 / 540	21.3 / 540	21.3 / 540	21.3 / 540	21.3 / 540	21.3 / 540	25.1 / 637.5
Approach angle (deg):	28	28	28	28	28	28	28
Breakover angle (deg):	14	14	14	14	14	14	14
Departure angle (deg):	23	23	23	23	23	23	23

Base Curb Weight & Payload

	GVWR (lb / kg)	Curb Weight (lb / kg)	Payload (lb / kg)	Weight Distribution (% front / rear)
2WD pickups:*				
C15703 Reg. Cab Stand. Box:	6100 / 2767	4211 / 1910	1889 / 857	57.7 / 42.3
C15903 Reg. Cab Long Box:	6400 / 2903	4348 / 1972	2052 / 931	57.9 / 42.1
C15753 Ext. Cab Stand. Box:	6500 / 2948	4625 / 2098	1875 / 851	57.9 / 42.1 (w/ LM7)
C15953 Ext. Cab Long Box:	6700 / 3039	4894 / 2220	1806 / 819	59 / 41 (w/ LM7)
C15553 Ext. Cab Short box:	6200 / 2812	4760 / 2159	1440 / 653	57.8 / 42.2
C15543 Crew Cab Short Box:	6900 / 3130	4987 / 2262	1913 / 868	57.6 / 42.4
C15743 1500HD Crew Cab Short Box	8600 / 3901	5471 / 2482	3129 / 1419	57.6 / 42.4
4WD pickups:*				
K15703 Reg. Cab Stand. Box:	6400 / 2903	4508 / 2045	1892 / 858	58.6 / 41.4
K15903 Reg. Cab Long Box:	6400 / 2903	4634 / 2102	1766 / 801	58.8 / 41.2
K15753 Ext. Cab Stand. Box:	6700 / 3039	5050 / 2290	1650 / 748	59.9 / 40.1 (w/ LM7)
K15953 Ext. Cab Long Box:	6700 / 3039	5232 / 2375	1468 / 666	59.8 / 40.2 (w/ LM7)
K15553 Ext. Cab Short Box:	6400 / 2903	5050 / 2290	1350 / 612	58.4 / 41.6
K15543 Crew Cab Short Box:	7000 / 3175	5284 / 2397	1716 / 778	58.7 / 41.3
K15743 1500HD Crew Cab Short Box:	8600 / 3901	5762 / 2614	2838 / 1287	59.2 / 40.8

Cargo box

	Std. Box Fleetside	Long Box Fleetside	Short Box
Cargo volume (cu ft / L):	56.9 / 1611	73.9 / 2092.8	49.6 / 1405
Length at floor (in / mm):	78.7 / 1999	97.6 / 2479	69.2 / 1758
Width at floor (in / mm):	64.8 / 1646	64.8 / 1646	60.2 / 1529
Width at top (in / mm):	61.9 / 1572	61.9 / 1572	61.9 / 1572
Width between wheelhousings (in / mm):	50 / 1270	50 / 1270	50 / 1270
Tailgate width (in / mm):	63.8 / 1621	63.8 / 1621	60.6 / 1539
Inside height (in / mm):	19.5 / 495	19.5 / 495	19.5 / 495

Interior

	Regular Cab	Extended Cab, Front	Extended Cab, Rear	1500 Crew Cab, Front	1500 Crew Cab, Rear	2500 Crew Cab, Front	2500 Crew Cab, Rear
Head room (in / mm):	41 / 1041	41 / 1041	38.4 / 975	40.7 / 1034	40.2 / 1021	41.1 / 1044	39.9 / 1013
Legroom (in / mm):	41.3 / 1049	41.3 / 1049	33.7 / 856	41.3 / 1049	39.1 / 993	41.3 / 1049	38.8 / 990
Shoulder room (in / mm):	61.4 / 1560	61.4 / 1560	65.1 / 1654	61.4 / 1560	65.1 / 1654	61.4 / 1560	65.1 / 1654
Hip room (in / mm):	63.9 / 1623	63.9 / 1623	61.4 / 1560	63.9 / 1623	61.4 / 1560	63.9 / 1623	61.4 / 1560

Capacities

	Regular Cab, Standard Box	Regular Cab, Long Box	Extended Cab, Standard Box	Extended Cab, Long Box	Extended Cab, Short Box	Crew Cab, Short Box	Crew Cab, Standard Box (1500HD)
	CC15703, CK15703	CC15903, CK15903	CC15753, CK15753	CC15953, CK15953	CC15553, CK15553	CC15543, CK15543	CC15743, CK15743
Seating:	2 / 3	2 / 3	5 / 6	5 / 6	5 / 6	5 / 6	5 / 6
Fuel tank (gal / L):	26 / 98.4	34 / 128.7	26 / 98.4	34 / 128.7	26 / 98.4	26 / 98.4	26 / 98.4
	Vortec 4300	Vortec 4800	Vortec 5300	Vortec 6000			
Engine oil (qt / L):	4.5 / 4.3	6 / 5.7	6 / 5.7	6 / 5.7			
Cooling system (qt / L)	manual: 12.9 / 12.2 automatic 12.6 / 11.9	manual: 13.7 / 13 automatic 13.4 / 12.7	manual: 13.4 / 12.7 automatic : 14.9 / 14.1	manual: 15.2 / 14.4 automatic : 14.4 / 13.6			
Trailer towing maximum (lb / kg):							
Reg. Cab, Std. Box	2WD: 8400 / 3810; with 5.3L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 9100 / 4128; with 5.3L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Reg. Cab, Long Box	2WD: 8200 / 3719; with 5.3L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 8900 / 4037; with 5.3L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Ext. Cab, Std. Box	2WD: 7800 / 3538; with 6.0L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 8700 / 3946; with 5.3L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Ext. Cab, Std. Box (w/ VortecMAX)	2WD: 10400 / 4717; with 6.0L V-8, auto. trans., 4.10 axle (req. WDH**) 4WD: 10100 / 4581; with 6.0L V-8, auto. trans., 4.10 axle (req. WDH**)						
Ext. Cab., Long Box	2WD: 7800 / 3538; with 5.3L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 8500 / 3855; with 5.3L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Ext. Cab, Short Box	2WD: 8000 / 3629; with 5.3L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 8700 / 3946; with 5.3L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Crew Cab, Short Box	2WD: 10100 / 4581; with 6.0L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 9900 / 4491; with 6.0L V-8, auto. Trans., 4.10 axle (req. WDH**)						
Crew Cab, Short Box (w/ VortecMAX)	2WD: 10100 / 4581; with 6.0L V-8, auto. Trans., 3.73 axle (req. WDH**) 4WD: 9800 / 4445; with 6.0L V-8, auto. trans., 4.10 axle (req. WDH**)						
Crew Cab, Std. Box (1500HD)	2WD: 10300 / 4672; with 6.0L V-8, auto. trans., 4.10 axle (req. WDH**) 4WD: 9900 / 4491; with 6.0L V-8, auto. trans., 4.10 axle (req. WDH**)						

* 2WD/4WD 1500 Series models limited to 5,000-pound (2,250 kg) trailer ratings unless equipped with Z85 Increased Capacity or ZX3 Manual Select Damping or Z71 Off-Road Suspension Package. Z82 Heavy Duty Trailering Package includes trailer hitch platform, trailer electrical connector and suspension upgrade, if necessary.

** WDH = Weight Distributing Hitch

Note: Information shown is current at time of publication.

Specifications – Silverado HD

2500HD and 3500 Overview

Models:	Chevy Silverado 2500HD and 3500
	CC/CK 25903: 2500HD Reg. Cab, Long Box, 2WD & 4WD
	CC/CK 25753: 2500HD Ext. Cab, Std. Box, 2WD & 4WD
	CC/CK 25953: 2500HD Ext. Cab, Long Box, 2WD & 4WD
	CC/CK 25943: 2500HD Crew Cab, Long Box, 2WD & 4WD
	CK 35903: 3500 Reg. Cab, Long Box, 4WD – single or dual rear wheel
	CC/CK 35953: 3500 Ext. Cab, Long Box, 2WD & 4WD – single or dual rear wheel
	CC/CK 35943: 3500 Crew Cab, Long Box, 2WD & 4WD – single or dual rear wheel
Body style / driveline:	2/3 passenger Regular Cab or 5/6 passenger Extended Cab,
	5-6-passenger Crew Cab
	3/4- and 1-ton, 2- and 4-wheel-drive heavy-duty pickup
Construction:	body on frame
EPA vehicle class:	full-size truck
Manufacturing location:	Fort Wayne , Indiana ; Pontiac , Michigan ; Flint , Michigan
Key competitors:	Ford Superduty Series Pickup, Dodge Ram Heavy Duty Pickup

Engines

	Vortec 6000 6.0L V-8 (LQ4)	Vortec 8100 8.1L V-8 (L18)	Duramax 6600 6.6L V-8 (LLY)	Duramax 6600 6.6L V-8 (LBZ)
Type:	6.0L V-8	8.1L V-8	6.6L V-8	6.6L V-8
Displacement (cu in / cc):	364 / 5967	496 / 8128	403 / 6599	403 / 6599
Bore & stroke (in / mm):	4 x 3.62 / 101.6 x 92	4.25 x 4.37 / 107.9 x 111	4.06 x 3.9 / 103 x 99	4.06 x 3.9 / 103 x 99
Block material:	cast iron	cast iron	cast iron	cast iron
Cylinder head material:	cast aluminum	cast iron	cast aluminum	cast aluminum
Valvetrain:	OHV	OHV	OHV	OHV
Ignition system:	coil-near-plug, platinum- tipped spark plugs, low- resistance spark plug wires	coil-near-plug, platinum-tipped spark plugs, low- resistance spark plug wires	compression, glow plug start aid; low- resistance spark plug wires	compression, glow plug start aid; low- resistance spark plug wires
Fuel delivery:	sequential fuel injection	sequential fuel injection	direct injection diesel with high pressure common rail	direct injection diesel with high pressure common rail
Compression ratio:	9.4:1	9.1:1	16.8:1	16.8:1
Horsepower (hp / kw @ rpm):	300 / 224 @ 4400	330 / 246 @ 4200 (L18)	310 / 231 @ 3000 (auto trans)	360 / 268 @ 3200 (auto trans)
		295 / 220 @ 3600 (MD L18 with LRZ option)	300 / 224 @ 3000 (man trans)	
		242 / 180 @ 3600 (MD L18 with LQR option)		

	Vortec 6000 6.0L V-8 (LQ4)	Vortec 8100 8.1L V-8 (L18)	Duramax 6600 6.6L V-8 (LLY)	Duramax 6600 6.6L V-8 (LBZ)
Torque (lb-ft / Nm @ rpm):	360 / 488 @ 4000	450/ 610 @ 3200 (L18)	605 / 820 @ 1600 (auto trans)	650 / 881 @ 1600 (auto trans)
		440 / 597 @ 3200 (MD L18 with LRZ option)	520 / 705 @ 1600 (man trans)	
		350 / 475 @ 1200 (MD L18 with LQR option)		
Recommended fuel:	87 octane	87 octane	diesel	diesel
Maximum engine speed (rpm):	manual: 5600	manual: 5000	3250	3250
	auto: 5600	auto: 4000		
Emissions controls:	3-way catalytic converter, exhaust gas recirculation, positive crankcase ventilation, evaporative collection system	3-way catalytic converter, exhaust gas recirculation, positive crankcase ventilation, evaporative collection system	turbocharged, intercooled, catalytic converter system	turbocharged, intercooled, catalytic converter system

Transmissions

	Hydra-Matic 4L80-E	NVG 3500 (MW3)	ZF S6-650 (ML6)	Allison 1000 (MW7)
Type:	4-speed automatic	5-speed manual	6-speed manual	6-speed automatic
Gear ratios (:1):				
First:	2.48	5.61	5.79	3.10
Second:	1.48	3.04	3.31	1.81
Third:	1.00	1.67	2.10	1.41
Fourth:	0.75	1.00	1.31	1.00
Fifth:	—	0.75	1.00	0.71
Sixth:	—	—	0.76	0.61
Reverse:	2.08	5.04	5.23	4.49
Final drive ratio (with all transmissions):	Vortec 6000: 4.10 standard on all models Vortec 8100: (opt) 3.73 or 4.10 on 2500HD; 4.10 std on 3500 Series Duramax 6600: 3.73 ratio standard on all models			

Chassis/Suspension

Front :	all models: std long- and short-arm independent front torsion bar suspension		
Rear			
2500HD Pickups:	semi-elliptic 2-stage multileaf spring		
3500 Chassis Cabs:	3-stage multileaf spring		
Steering type:	integral power recirculating ball		
Steering ratio:	24:1		
Steering wheel turns, lock-to-lock:	3.14		
	Regular Cab	Extended Cab	Crew Cab
Turning circle, curb-to-curb (ft / m):			
2500HD Series single-wheel pickups:	2WD: 43.8 / 13.4	2WD: 46.8 / 14.3	2WD: 49.6 / 15.1
	4WD: 43.8 / 13.4	4WD: 50.8 / 15.5	4WD: 49.6 / 15.1
3500 Series dual-wheel pickups:	2WD: 43.7 / 13.3	2WD: 50.7 / 15.5	2WD: 53.5 / 16.3
	4WD: 43.7 / 13.3	4WD: 50.7 / 15.5	4WD: 53.5 / 16.3
3500 Series single-wheel pickups:	4WD: 43.8 / 13.4	4WD: 50.8 / 15.5	4WD: 49.6 / 15.1

Brakes

Type:	power, Hydroboost brake-apply system, 4-wheel disc, 4-wheel ABS
Rotor diameter x thickness (in / mm):	front: 12.8 x 1.5 / 325 x 38 rear: 12.8 x 1.2 / 325 x 30
Total swept area (sq in / sq cm):	front: 245.5 / 1584 rear: 235.1 / 1517

Wheels/Tires

Wheel size and type:	8-bolt 16 x 6.5-inch steel wheels std; opt on 2500HD models: chrome center cap, chrome steel wheels with chrome center cap and polished forged aluminum wheels Chassis Cab wheels redesigned to display more surface area and provide increased corrosion resistance (compared to previous designs)
Tires:	2500HD models: LT245/75R16E radials, with either all-season or on-/off-road design, depending on model 3500-Series: LT215/85R16-E highway or on-/off-road tires; tire size and inflation pressure geared to specific load ratings

Dimensions**Exterior**

	2500HD / 3500 Regular Cab Long Box	2500HD Extended Cab Standard Box	2500HD / 3500 Extended Cab Long Box	2500HD Crew Cab Standard Box	2500HD / 3500 Crew Cab Long Box
Wheelbase (in / mm):	133 / 3378	143.5 / 3645	157.5 / 4001	153 / 3886	167 / 4242
Overall length (in / mm):					
2WD:	222.1 / 5641	227.7 / 5784	246.6 / 6264	237.3 / 6027	256.2 / 6507
4WD:	222.1 / 5641		246.6 / 6264	237.3 / 6027	256.2 / 6507
Overall width (in / mm):					
2WD:	79.7 / 2024	79.7 / 2024	79.7 / 2024	79.7 / 2024	79.7 / 2024
4WD:	96.1 / 2441		96.1 / 2441	79.7 / 2024	79.7 / 2024
Overall height: (in / mm):					
2WD:	2500HD: 76.2 / 1935 3500: 76.7 / 1948	76.2 / 1935	2500HD: 76.2 / 1935 3500: 76.3 / 1938	77.0 / 1956	2500HD: 77 / 1956 3500: 76.3 / 1938
4WD:	2500HD: 76.5 / 1943 3500: 76.7 / 1948	76.5 / 1943	2500HD: 76.5 / 1943 3500: 76.7 / 1948	77.4 / 1966	2500HD: 77 / 1956 3500: 76.7 / 1948
Track (in / mm):					
Front:	68.6 / 1742	68.6 / 1742	68.6 / 1742	68.6 / 174.2	68.6 / 1742
Rear:	2500HD: 66 / 1676 3500: 74.7 / 1897	66 / 1676	2500HD: 66 / 1676 3500: 74.7 / 1897	66.0 / 1676	2500HD: 66 / 1676 3500: 74.7 / 1897

	2500HD / 3500 Regular Cab Long Box	2500HD Extended Cab Standard Box	2500HD / 3500 Extended Cab Long Box	2500HD Crew Cab Standard Box	2500HD / 3500 Crew Cab Long Box
Minimum ground clearance (in / mm):					
2WD (front):	2500HD: 8.6 / 218.4 3500: 8.8 / 223.5	8.5 / 216	2500HD: 8.5 / 216 3500: 8.7 / 221	8.7 / 221.0	2500HD: 8.7 / 221 3500: 8.7 / 221
(rear):	2500HD: 7.5 / 190.5 3500: 7.6 / 193	7.4 / 188	2500HD: 7.4 / 188 3500: 7.5 / 190.4	7.4 / 188.0	2500HD: 7.6 / 193 3500: 7.6 / 193
4WD (front):	2500HD: 8.9 / 226.1 3500: 8.8 / 223.5	8.8 / 223.5	2500HD: 8.8 / 223.5 3500: 8.8 / 223.5	8.9 / 226.1	2500HD: 8.7 / 221 3500: 8.8 / 223.5
(rear):	2500HD: 7.5 / 190.5 3500: 7.6 / 193	7.4 / 188	2500HD: 7.4 / 188 3500: 7.6 / 193	7.4 / 188	2500HD: 7.6 / 193 3500: 7.6 / 193
Step-in height (in / mm):					
2WD:	2500HD: 24.9 / 632.5 3500: 25.4 / 645.2	24.4 / 619.8	2500HD: 24.4 / 619.8 3500: 24.9 / 632.5	24.6 / 624.8	2500HD: 24.6 / 624.8 3500: 24.9 / 632.5
4WD:	2500HD: 25.4 / 645.2 3500: 24.9 / 632.5	24.6 / 624.8	2500HD: 24.6 / 624.8 3500: 24.9 / 632.5	25.1 / 631.5	2500HD: 25.1 / 637.5 3500: 24.9 / 632.5

Base Curb Weight & Payload

	GVWR (lb / kg)	Curb Weight (lb / kg)	Payload (lb / kg)	Weight Distribution (% front/rear)
2500HD Reg Cab, Long Box 2WD/4WD:	2WD: 9200 / 4173 4WD: 9200 / 4173	5142 / 2332 5398 / 2448	4058 / 1841 3802 / 1724	56.2 / 43.8 57.8 / 42.2
2500HD Ext Cab, Std. Box 2WD/4WD:	2WD: 9200 / 4173 4WD: 9200 / 4173	5398 / 2448 5659 / 2567	3802 / 1724 3541 / 1606	56.1 / 43.9 58.6 / 41.4
2500HD Ext Cab, Long Box 2WD/4WD:	2WD: 9200 / 4173 4WD: 9200 / 4173	5561 / 2522 5848 / 2653	3639 / 1651 3352 / 1520	56.3 / 43.7 57.9 / 41.1
2500HD Crew Cab, Std. Box 2WD/4WD:	2WD: 9200 / 4173 4WD: 9200 / 4173	5594 / 2537 5883 / 2668	3606 / 1536 3317 / 1505	55.2 / 44.8 57 / 43
2500HD Crew Cab, Long Box 2WD/4WD:	2WD: 9200 / 4173 4WD: 9200 / 4173	5745 / 2606 6037 / 2738	3455 / 1568 3163 / 1435	55.5 / 44.5 57.2 / 42.8
3500 Reg Cab, Long Box, 4WD; SRW / DRW:	SRW: 9900 / 4491 DRW: 11400 / 5171	5687 / 2580 5889 / 2671	4213 / 1911 5511 / 2500	55.5 / 44.5 53.6 / 46.4
3500 Ext Cab, Long Box, 2WD; DRW:	11400 / 5171	6053 / 2746	5347 / 2425	52.3 / 47.7
3500 Ext Cab, Long Box, 4WD; SRW / DRW:	SRW: 9900 / 4491 DRW: 11400 / 5171	6197 / 2811 6351 / 2881	3703 / 1680 5049 / 2290	55.2 / 44.8 53.9 / 46.1
3500 Crew Cab, Long Box, 2WD; DRW:	11400 / 5171	6231 / 2826	5169 / 2345	51.9 / 48.1
3500 Crew Cab, Long Box, 4WD; SRW / DRW:	SRW: 9900 / 4491 DRW: 11400 / 5171	6322 / 2868 6552 / 2988	3578 / 1623 4848 / 2199	55.4 / 44.6 53.6 / 46.4

Cargo box

	Long Box	Standard Box
Cargo volume (cu ft / L):	70.7 / 2002	56.9 / 1611
Length at floor (in / mm):	97.6 / 2479	78.7 / 1999
Width at floor (in / mm):	64.8 / 1646	64.8 / 1646
Opening width rear at top (in / mm):	61.9 / 1572	61.9 / 1572
Width between wheel housings (in / mm):	50 / 1270	50 / 1270
Inside height (in / mm):	19.5 / 495	19.5 / 495

Interior

	Regular Cab	Extended Cab	Crew Cab
Headroom (in / mm):	41 / 1041	front: 41 / 1041	front: 41 / 1041
		rear: 38.4 / 975	rear: 39 / 991
Legroom (in / mm):	41.3 / 1049	front: 41.3 / 1049	front: 41.3 / 1049
		rear: 33.7 / 856	rear: 39.1 / 993
Shoulder room (in / mm):	65.2 / 1656	front: 65.2 / 1656	front: 65.2 / 1656
		rear: 66.3 / 1684	rear: 65.1 / 1654
Hip room (in / mm):	61.4 / 1560	front: 61.4 / 1560	front: 61.4 / 1560
		rear: 61.5 / 1562	rear: 62.9 / 1598

Capacities

Fuel tank (gal / L):	standard box, all models (except diesel): 26 / 98.4; long box, all models (plus all diesels): 34 / 128.7; DRW chassis cab: 50 / 189.3
Trailer towing maximum (lb / kg):	
2500HD Reg. Cab, Long Box:	2WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
2500HD Ext. Cab, Std. Box:	2WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
2500HD Ext. Cab, Long Box:	2WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
2500HD Crew Cab, Std. Box:	2WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
2500HD Crew Cab, Long Box:	2WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
3500 Reg. Cab, Long Box, 4WD; SRW / DRW:	SRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch DRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch
3500 Ext. Cab, Long Box, 2WD; DRW	DRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch

2006 Chevrolet Silverado Truck Restoration Kit

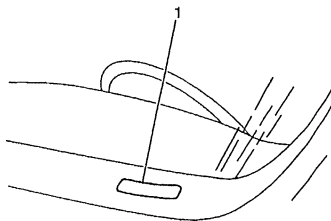
3500 Ext. Cab, Long Box, 4WD; SRW / DRW:	SRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch DRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch		
3500 Crew Cab, Long Box, 2WD; DRW:	DRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch		
3500 Crew Cab, Long Box, 4WD; SRW / DRW:	SRW: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch 4WD: 12000 / 5443; 8.1L V-8 (w/4.10 axle) or 6.6L Diesel (w/3.73 axle); req. weight distributing hitch		
	Regular Cab	Extended Cab	Crew Cab
Seating:	2 / 3	5 / 6	5 / 6
Engine oil (qt / L):	6.0 / 5.7	6.0 / 5.7	9.3 / 9.8
Cooling system (qt / L):			
Man trans:	15.2 / 14.4	23.6 / 22.3	21.8 / 20.7
Auto trans:	14.4 / 13.6	23.1 / 21.9	21.4 / 20.3

* For alternative-fuel vehicles, trailer tongue weight should be 10 to 15 percent of total-loaded trailer weight. On other models, trailer tongue weight should be 10 to 15 percent of total-loaded trailer weight up to 1,500 lb. (675 kg). On all models, the base cooling system includes all content required to attain maximum trailering rating, and the Z82 Heavy Duty trailering package includes the trailer hitch platform and trailer electrical connector.

Note: Information shown is current at time of publication.

Vehicle Identification

Vehicle Identification Number (VIN)



The vehicle identification number (VIN) plate is the legal identifier of the vehicle. The VIN plate is located on the upper LH corner of the Instrument Panel and can be seen through the windshield from the outside of the vehicle:

Position	Definition	Character	Description
1	Country of Origin	1	United States
		2	Canada
2	Manufacturer	G	General Motors
3	Make	B	Chevrolet Incomplete
		C	Chevrolet Truck
		D	GMC Incomplete
		T	GMC Truck
4	GVWR/Brake System	E	6001-7000/Hydraulic
		F	7001-8000/Hydraulic
		G	8001-9000/Hydraulic
		H	9001-10000/Hydraulic
		J	10001-14000/Hydraulic
5	Truck Line/Chassis Type	C	4x2
		K	4x4
6	Series	1	Half Ton Nominal
		2	¾ Ton Nominal
		6	1/2 Ton Luxury
7	Body Type	3	Four-Door Crew Cab or Utility
		4	Two-Door Cab
		9	Extended Cab
8	Engine Type	X	4.3L V6 MFI (LU3)
		V	4.8L V8 MFI (LR4)
		Z	5.3L V8 MFI (L59)
		T	5.3L V8 MFI (LM7)
		B	5.3L V8 SFI Aluminum HO (L33)
		U	6.0L V8 MFI (LQ4)
		N	6.0L V8 MFI (LQ9)
		G	8.1L V8 MFI (L18)
		2	6.6L V8 DSL (LLY)
9	Check Digit	--	Check Digit
10	Model Year	6	2006
11	Plant Location	1	Oshawa, Ontario
		E	Pontiac, Michigan
		F	Flint, Michigan
		Z	Fort Wayne, Indiana
12-17	Plant Seq. Number	G	Silao, Mexico
		--	Plant Sequence Number

VIN Derivative

All engines and transmissions are stamped or laser etched with a partial vehicle identification number (VIN), which was derived from the complete VIN. A VIN derivative contains the following nine positions:

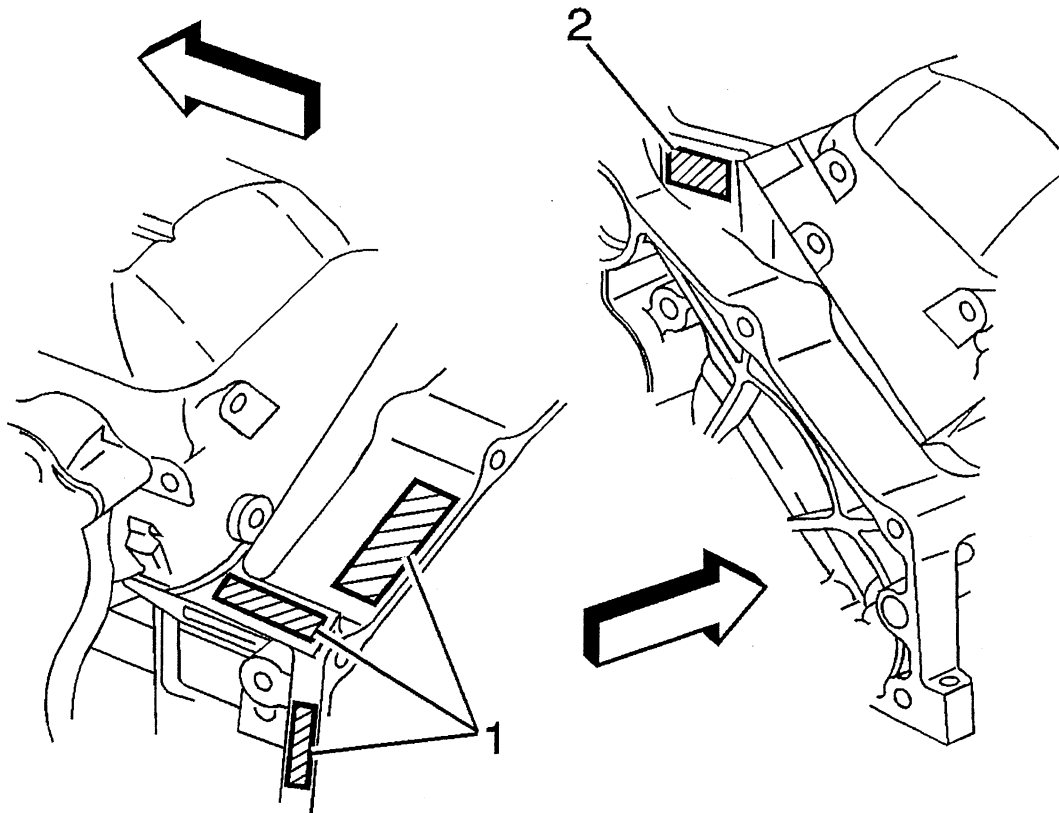
Position	Definition	Character	Description
1	Division	B C D T	Chevrolet Incomplete Chevrolet Truck Gmc Incomplete Gmc Truck
2	Model Year	6	2006
3	Plant Location	1 E Z J G F	Oshawa, Ontraio Pontiac, Michigan Fort Wayne, Indiana Janesville Silao Flint
4-9	Plant Sequence Number	--	--

A VIN derivative can be used to determine if a vehicle contains the original engine or transmission, by matching the VIN derivative positions to their accompanying positions in the complete VIN:

VIN Derivative Position	Equivalent VIN Position
1	3
2	10
3	11
4-9	12-17

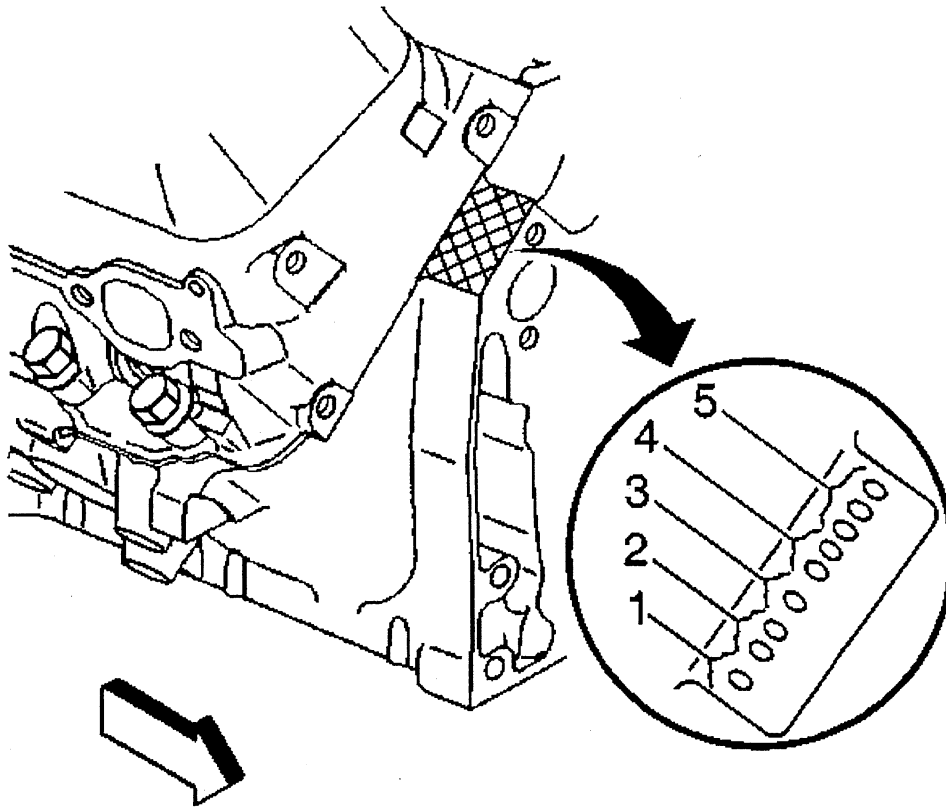
Engine ID and VIN Derivative Location

4.3L V-6 Engine



The Vehicle Identification Number (VIN) Derivative is located on the left side rear of the engine block (1) or on the right side rear (2) and typically is a 9 digit number stamped or laser etched onto the engine at the vehicle assembly plant.

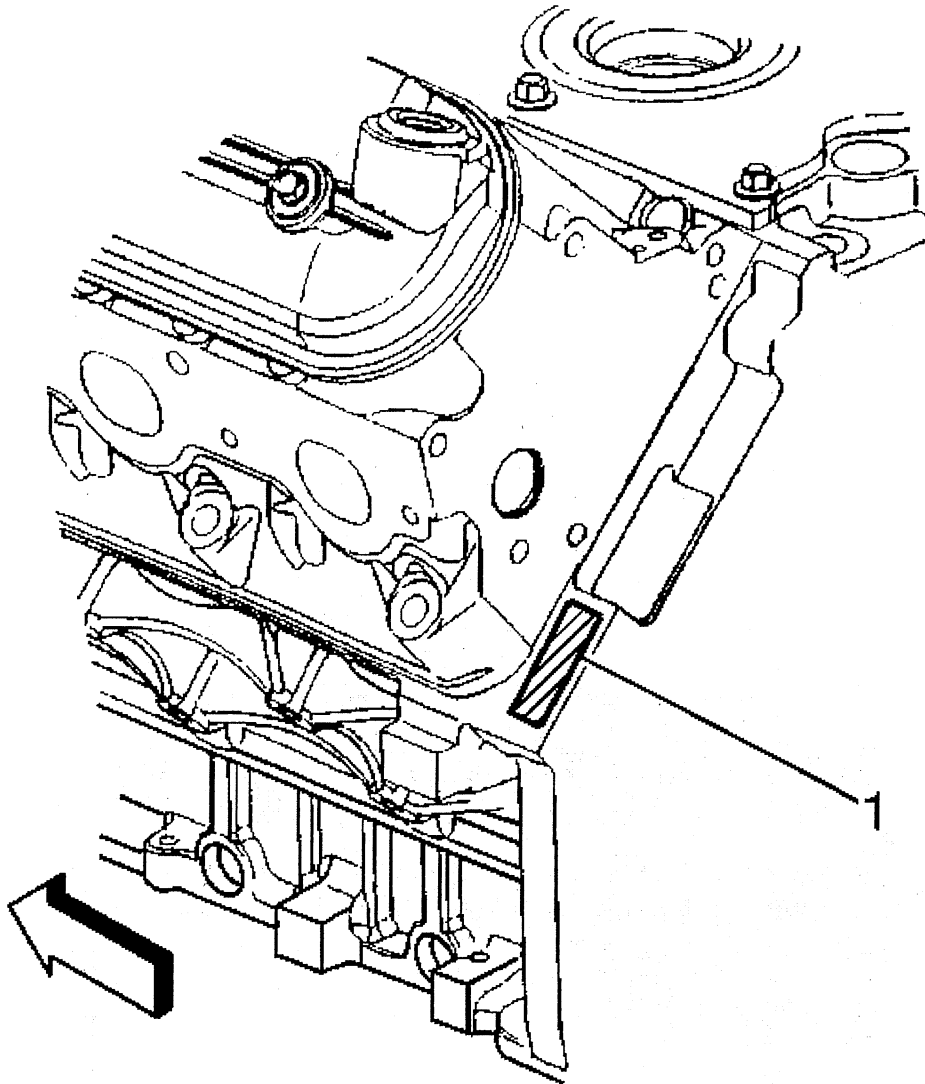
- The first digit identifies the division.
- The second digit identifies the model year.
- The third digit identifies the assembly plant.
- The fourth through ninth digits are the last six digits of the VIN.



Engines built at the Romulus engine plant have the engine identification number located at the right front top of the engine block.

- The first digit (1) is the source code.
- The second and third digits (2) are the month of build.
- The fourth digit (3) is the hour of the build.
- The fifth and sixth digits (4) are the date of build.
- The seventh, eighth, and ninth digits (5) are the broadcast code.

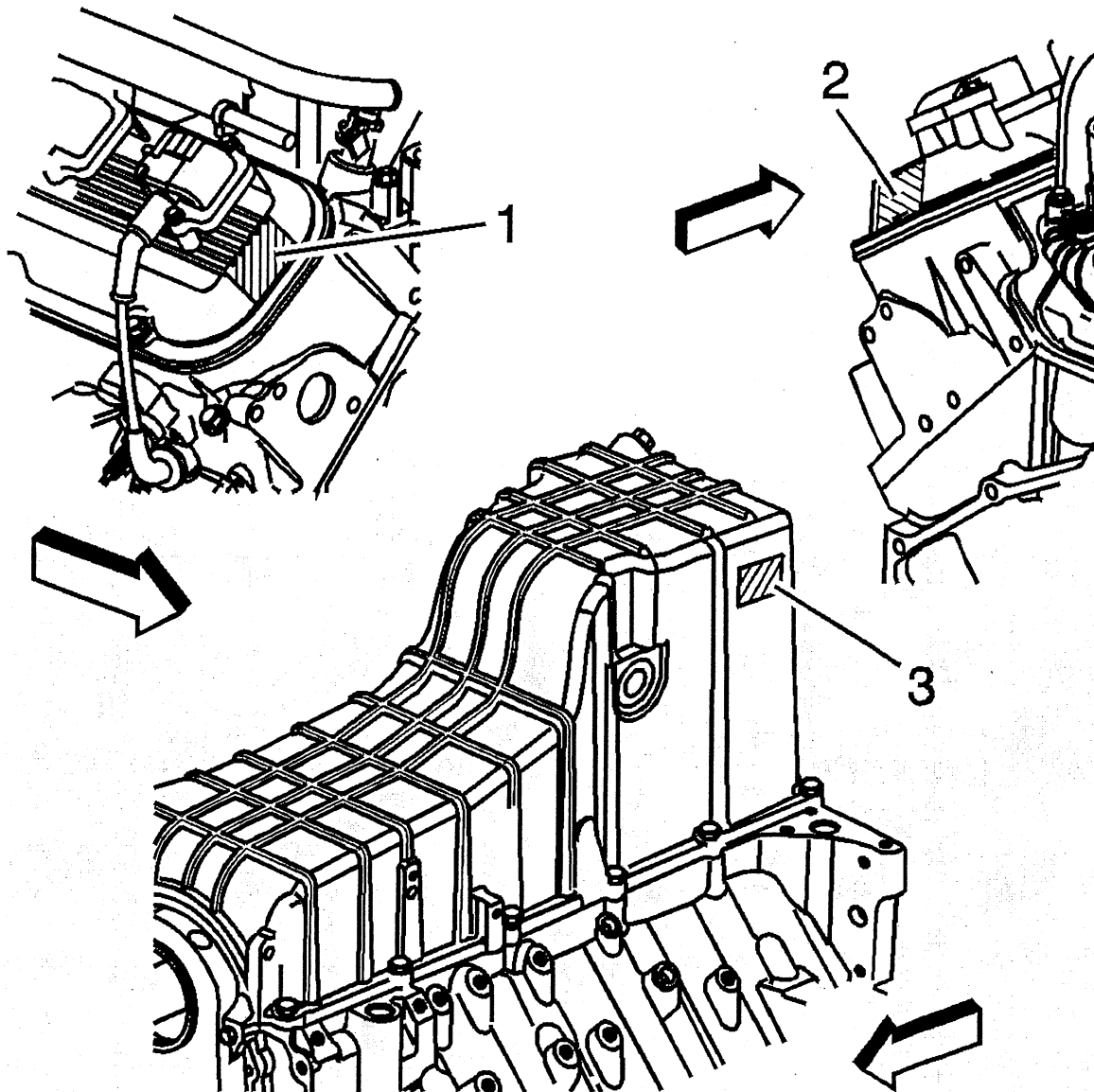
4.8L, 5.3L, 6.0L V-8 Engines



The vehicle identification number (VIN) is located on the left side rear of the engine block (1) and is typically a nine digit number stamped or laser-etched onto the engine at the vehicle assembly plant.

- The first digit identifies the division.
- The second digit identifies the model year.
- The third digit identifies the assembly plant.
- The fourth through ninth digits are the last six digits of the VIN.

8.1L V-8 Engine

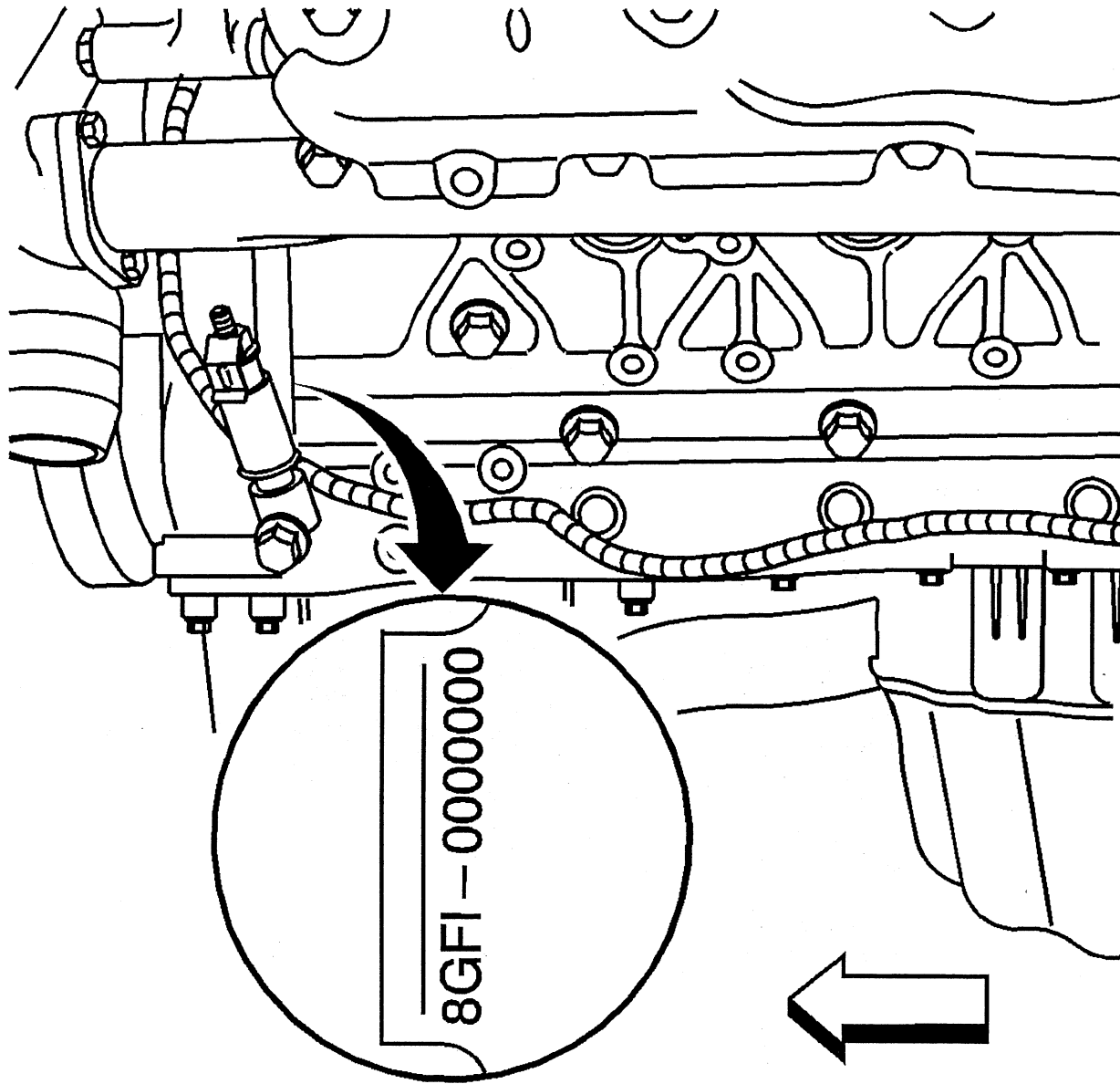


The engine identification number is located in three locations. There are labels on the front of the right rocker arm cover (1), the rear of the left rocker arm cover (2), and the right side of the engine oil pan (3). The engine identification number is used to track and identify the engine prior to installation in a vehicle.

The Vehicle Identification Number (VIN) Derivative is located on the left rear side of the engine block and is a nine digit number stamped or laser etched onto the engine at the vehicle assembly plant. If reading the identification number from the left, the following information can be obtained:

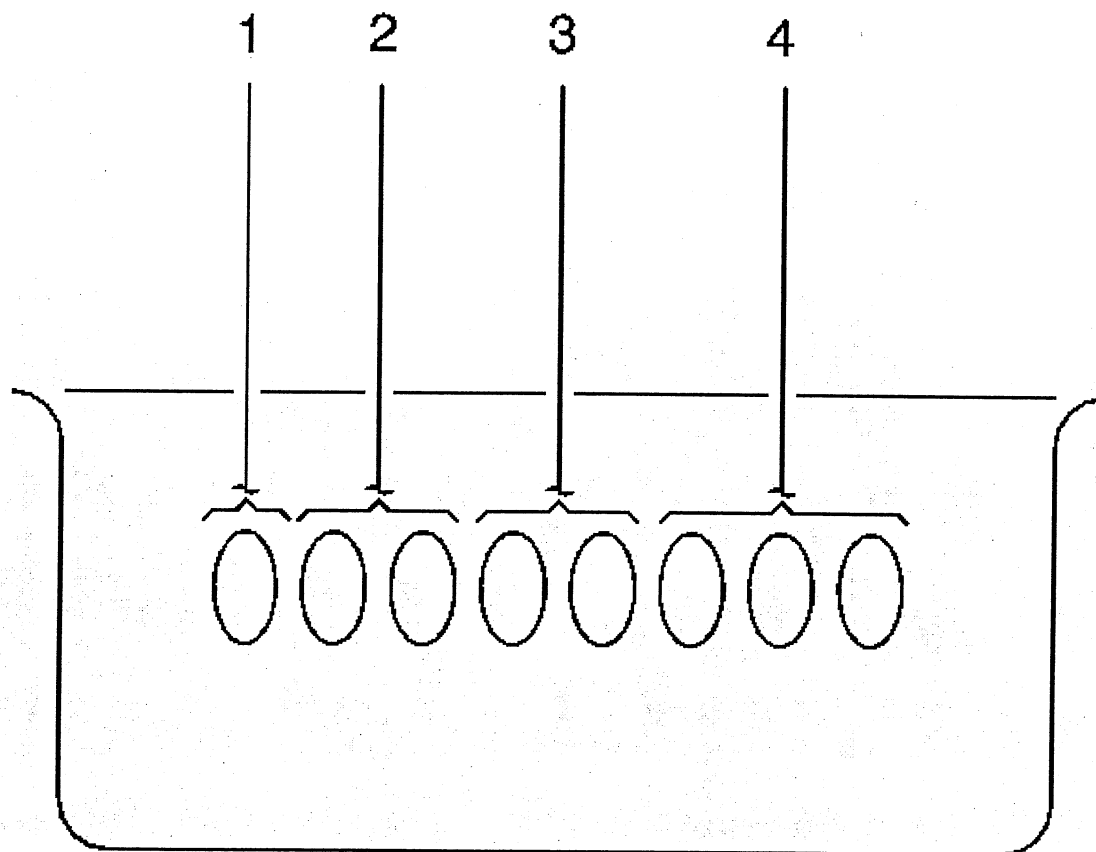
- The first digit identifies the division.
- The second digit identifies the model year.
- The third digit identifies the assembly plant.
- The fourth through ninth digits are the last six digits of the Vehicle Identification Number (VIN).

6.6L Diesel Engine



The engine identification tag is located on the left side of the block. It is on the front edge of the block.

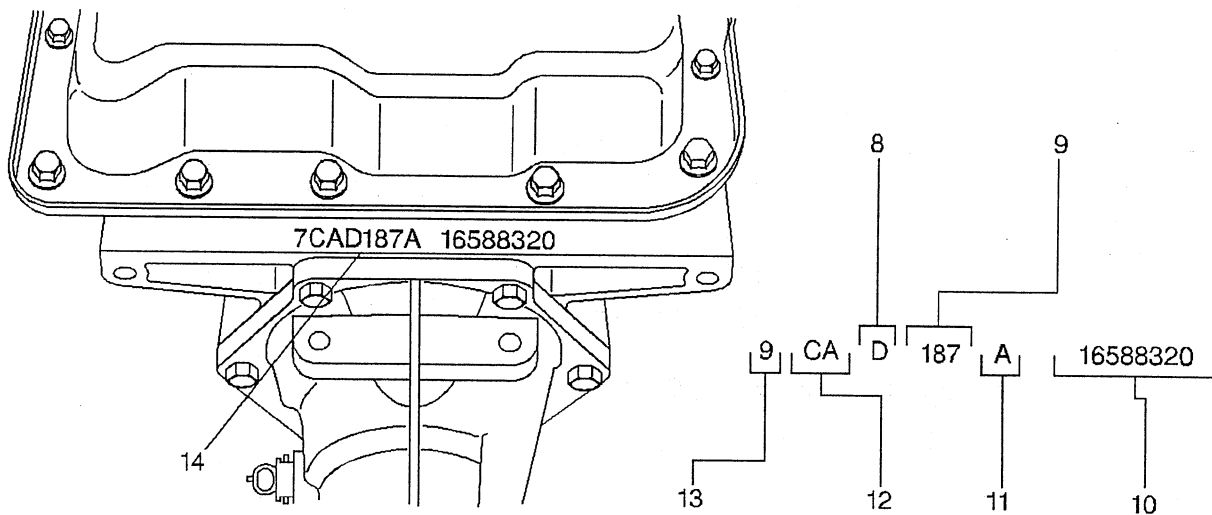
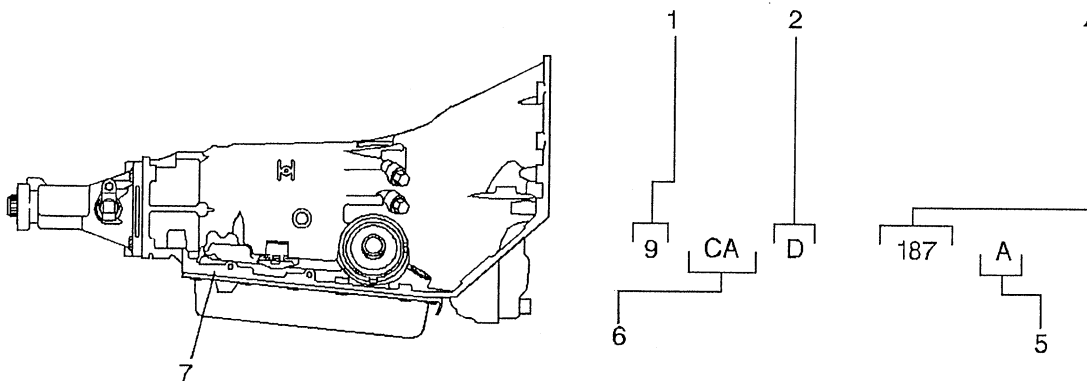
Engine ID Legend



1. Source Code
2. Month of Build
3. Date of Build
4. Broadcast Code

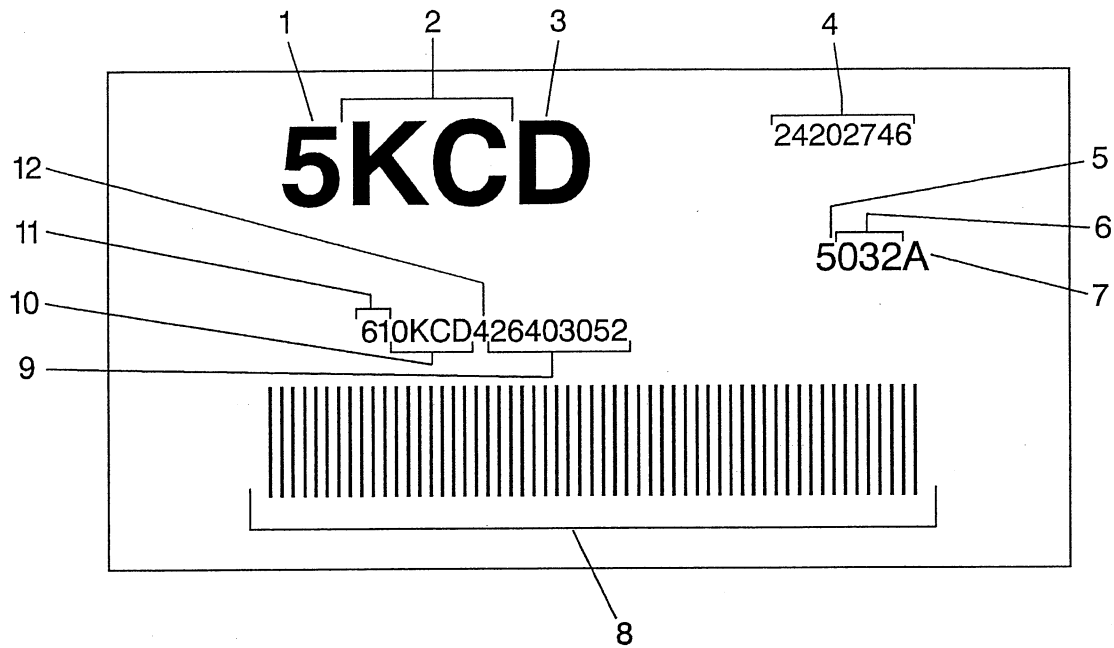
Transmission ID and VIN Derivative Location

4L60-E Transmission ID Location



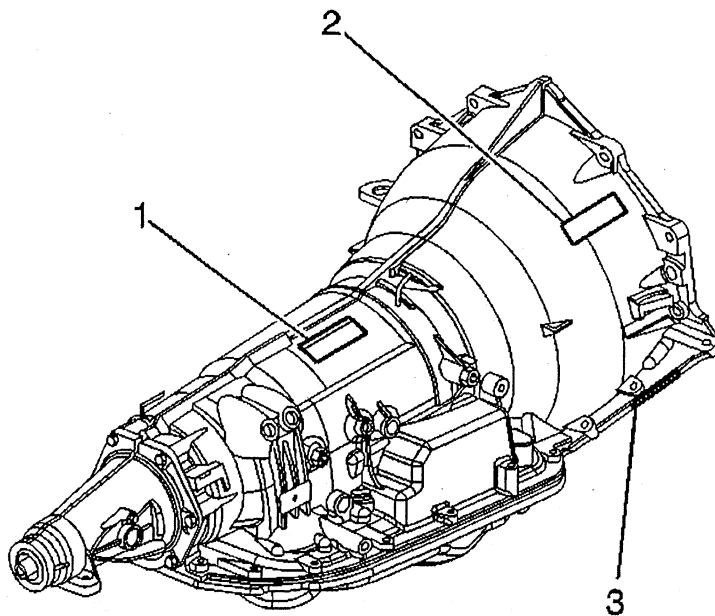
- (1) Model Year
- (2) Hydra-Matic 4L60-E
- (4) Julian Date (or Day of the Year)
- (5) Shift Built (A, B, J = First Shift; C, H, W = Second Shift)
- (6) Model
- (7) Transmission ID Location
- (8) Hydra-Matic 4L60-E
- (9) Julian Date (or Day of the Year)
- (10) Serial No.
- (11) Shift Built (A, B, J = First Shift; C, H, W = Second Shift)
- (12) Model
- (13) Model Year
- (14) Transmission ID Location

Bar Code Label Contents(c)

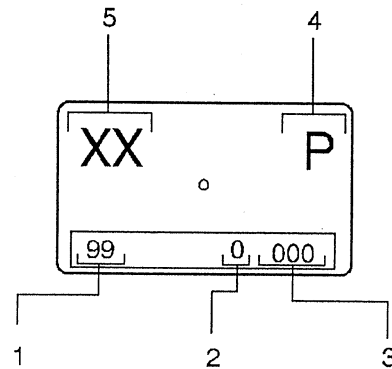
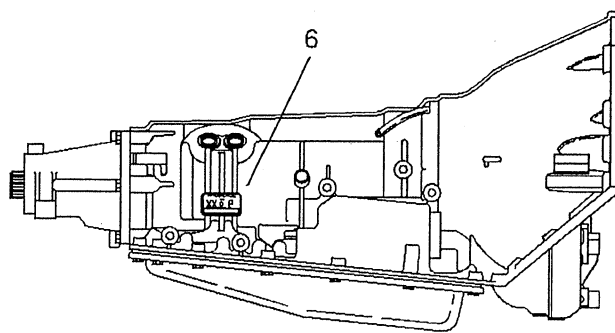


- (1) 5 = 2005
- (2) Model
- (3) Hydra-Matic 4L60-E
- (4) Transmission Asm. as Shipped Number
- (5) 5 = Model Year
- (6) Julian Date or Day of the Year
- (7) Letter After Julian Date Identifies the Plant Shift Build, See Shift Build
- (8) Bar Code
- (9) Serial Number
- (10) Broadcast Code
- (11) Transmission ID
- (12) Build Location Y = Toledo, OH, R = Romulus, MI, 4 = Ramos Arizpe, Mexico

4L80-E Transmission ID Location

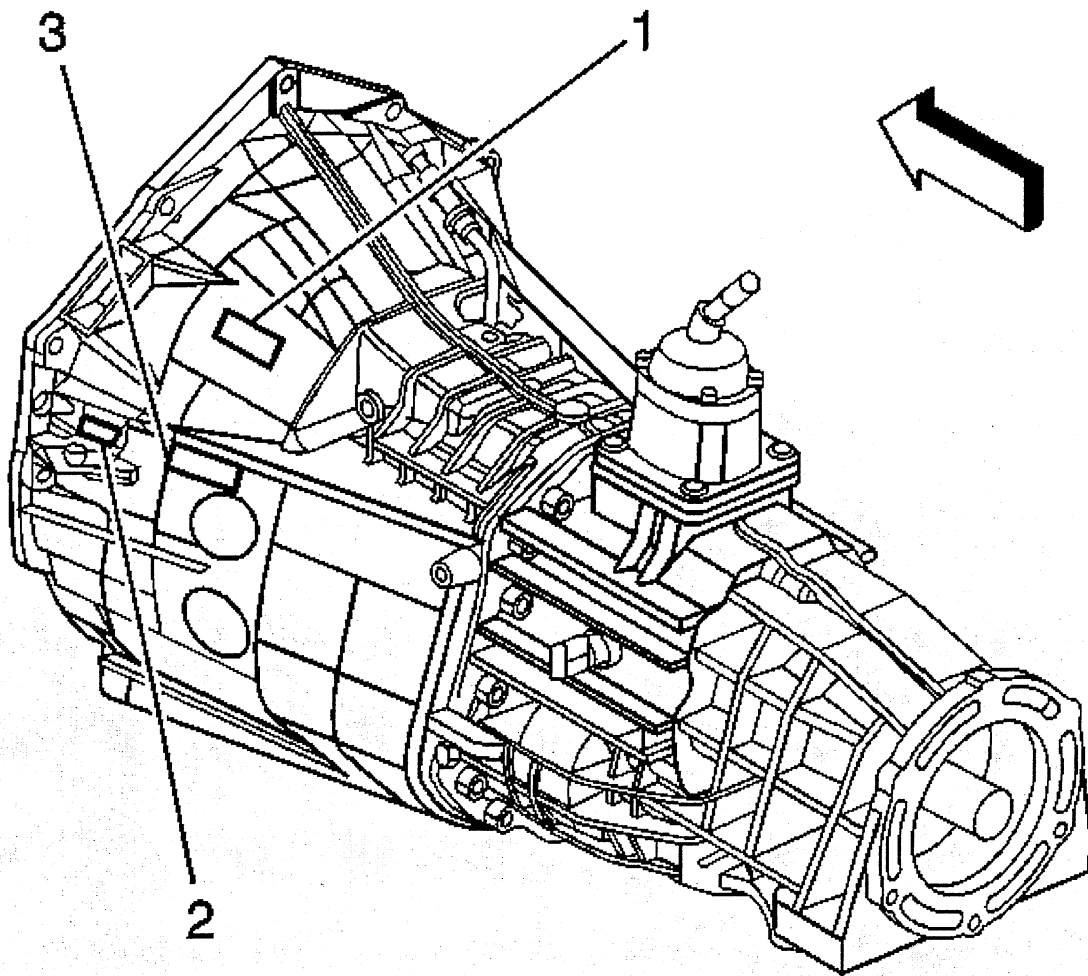


Transmission ID and VIN derivative locations (1, 2). The right hand stamping is shown, left hand is opposite. Pin or hand stamp location (3) for the transmission ID or VIN derivative.



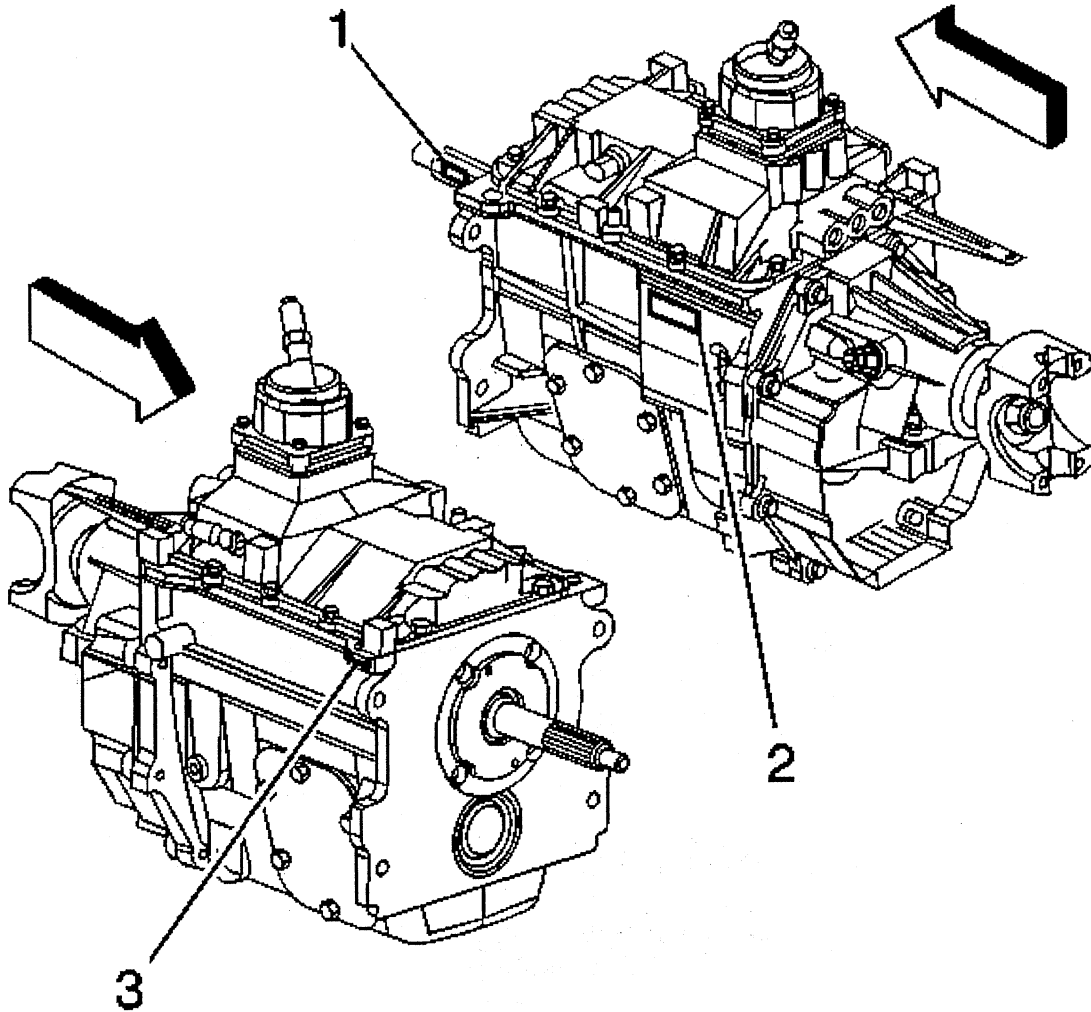
1. Calendar Year
2. Julian Date of the Year
3. Shift and Line Number
4. Plant
5. Model
6. Location on Transmission

5-Speed Getrag



Vehicle identification number location PIN stamp only (1). Vehicle identification number location optional PIN or Hand Stamp (2). Vehicle identification number location optional Pin stamp only (3).

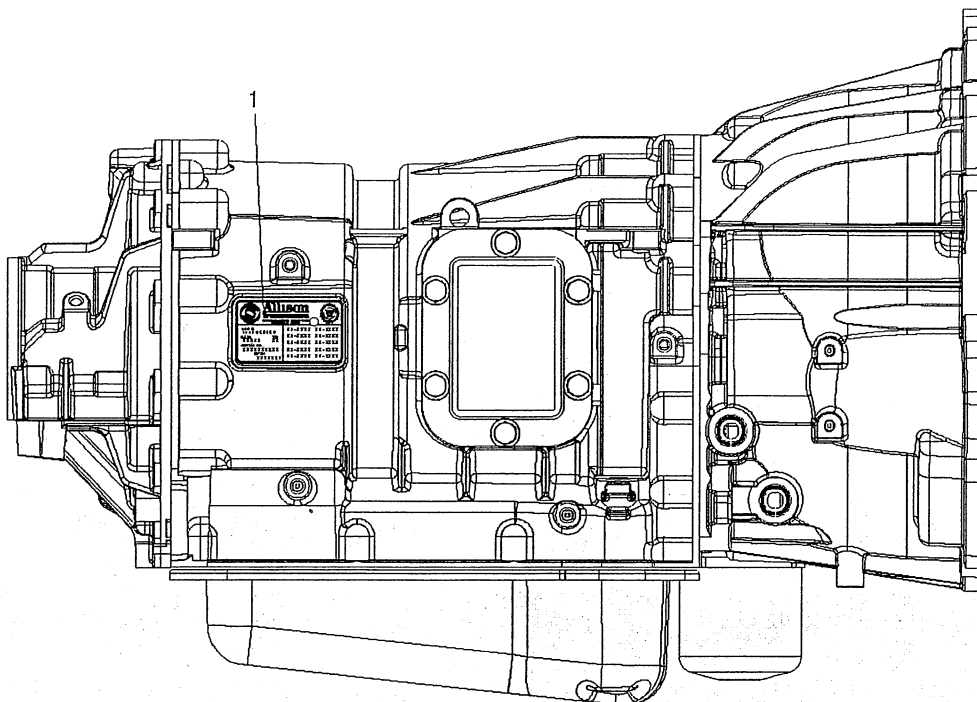
5-Speed Manual



The transmission vehicle identification number location PIN or hand stamp (1, 3). Vehicle identification number location PIN or hand stamp (2).



Allison Transmission

Nameplate Location



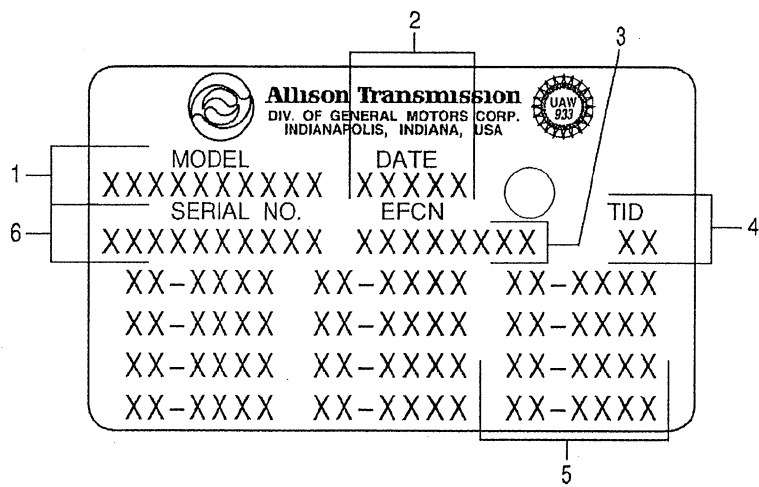
1. Nameplate

Nameplate Components with Ten Group Spaces(c)

 Allison Transmission <small>DIVISION OF GENERAL MOTORS CORP. INDIANAPOLIS, INDIANA</small>			
1	MODEL 1000 SERIES	XX-XXXX	XX-XXXX
6	DATE XXXXX	XX-XXXX	XX-XXXX
5	SERIAL NO. XXXXXXXXXX	XX-XXXX	XX-XXXX
	EFCN XXXXXXX	XX-XXXX	XX-XXXX
	4	3	2

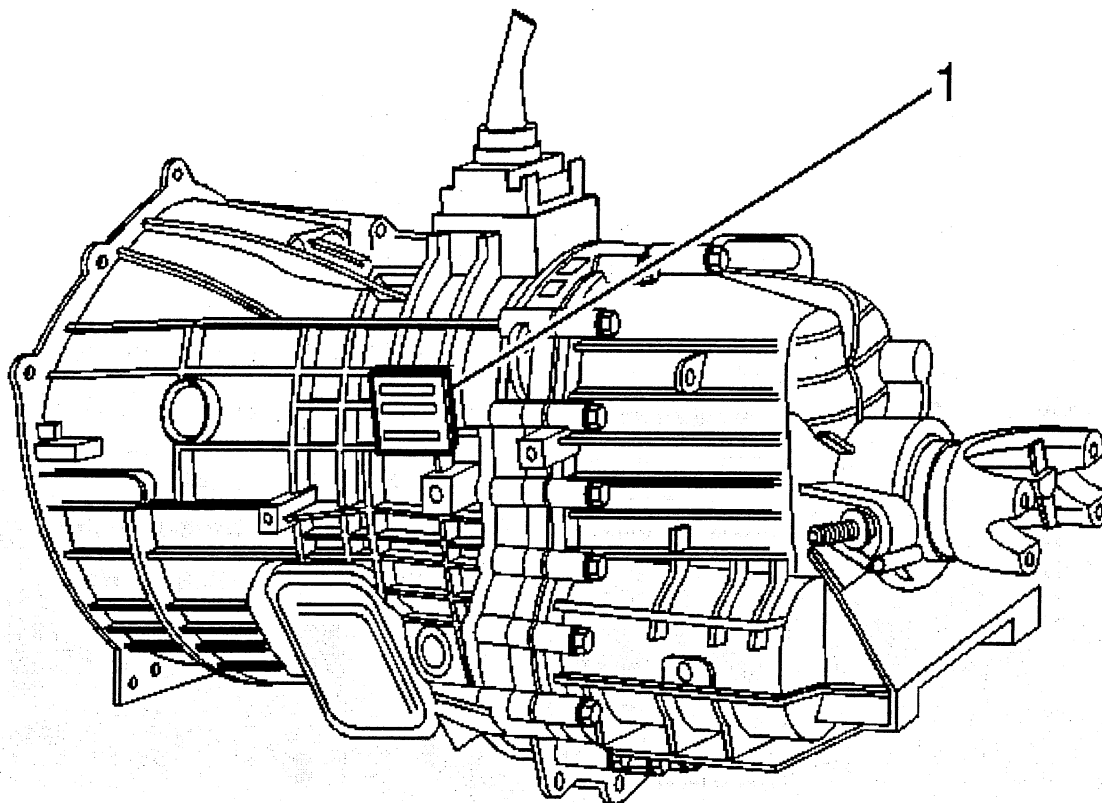
- (1) Model (Series)
- (2) Engineering Group Number
- (3) Transmission Identification Number
- (4) Engineering Feature Configuration Number
- (5) Serial Number
- (6) Date of Manufacture

Nameplate Components with Twelve Group Spaces(c)



- (1) Model (Series)
- (2) Date of Manufacture
- (3) Engineering Feature Configuration Number
- (4) Transmission Identification Number
- (5) Engineering Group Number
- (6) Serial Number

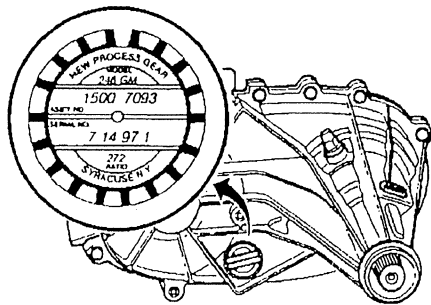
ZF Transmission



(1) Engine identification tag location.

Transfer Case Identification

New Venture Gear

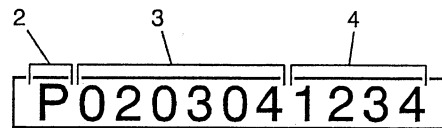
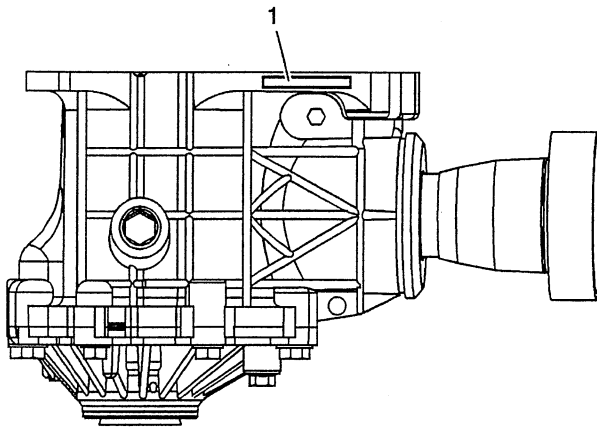


NV MODEL IDENTIFICATION KEY

246

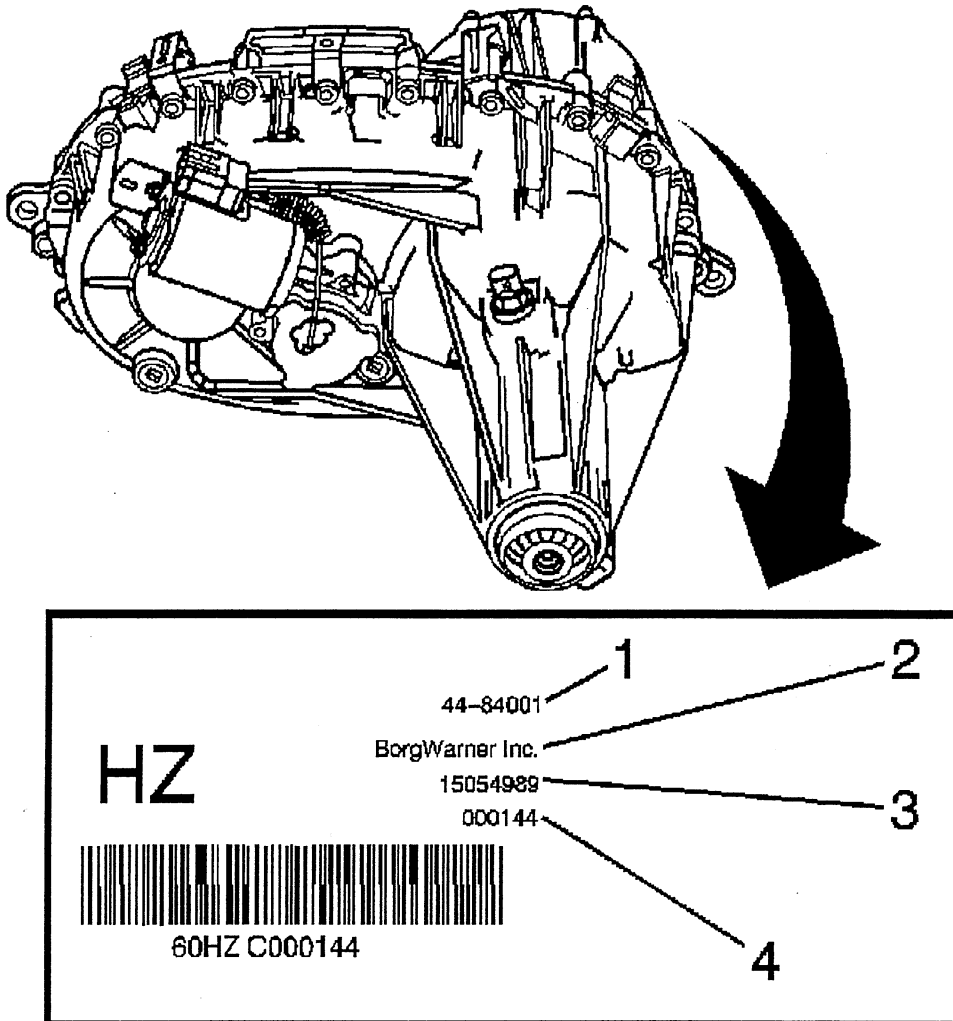
1 Single Speed	2 T-Midsize Utility	0 All Wheel Drive
2 2 Speed	3 T-Truck/L-Van	1 Manual
	4 K-Truck	3 Selectable
	6 K-Truck	6 Automatic
	7 M/D-Truck	9 All Wheel Drive

NVG 900



- (1) Position of Pin Stamp
- (2) P = Unit Passed End-of-Line Tests
- (3) Month, Day and Year the Unit was Built
- (4) Serial Number/Unit Number on Build Date

Borg Warner

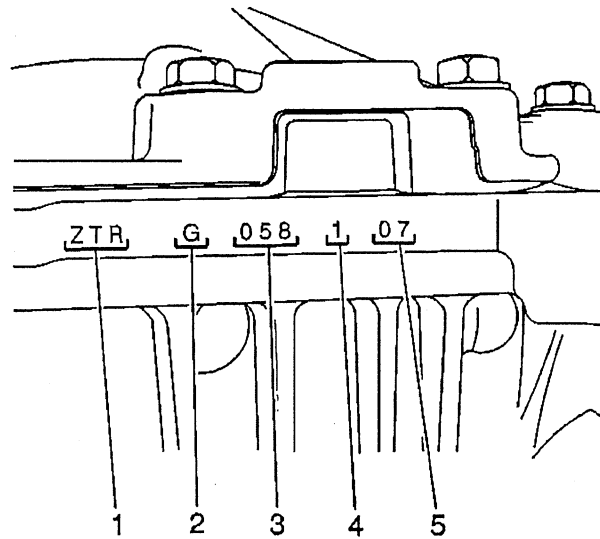


An identification tag is attached to the front half of the transfer case. The tag provides the following information:

- Model number (1)
- Manufacturer (2)
- Part Number (3)
- Serial Number (4)

The information on this tag is necessary for servicing the transfer case. If the tag is removed or becomes dislodged during service operations, keep the identification tag with the unit.

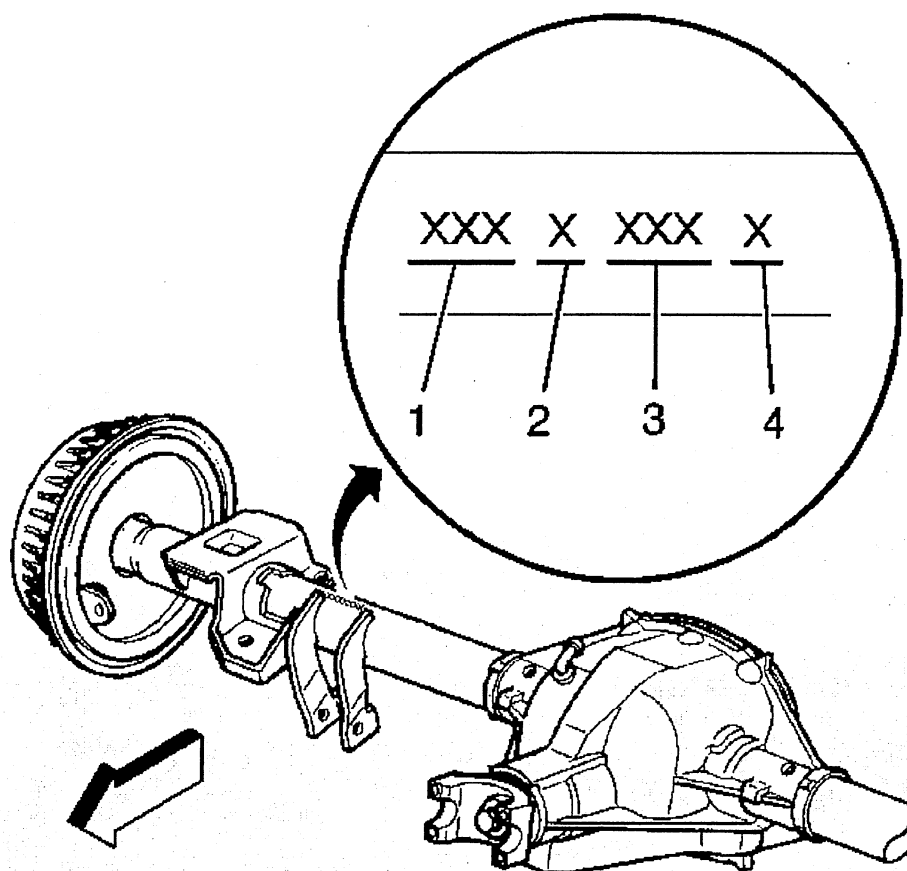
Axle Identification – Front



- (1) Broadcast Code
- (2) Supplier Code (G = American Axle)
- (3) Julian Date (Day of Year)
- (4) Shift Built (1 = First Shift; 2 = Second Shift) (Optional for 8.25" and 9.25" axles)
- (5) Hour Built

Front axle identification information is stamped on the top of the differential carrier assembly.

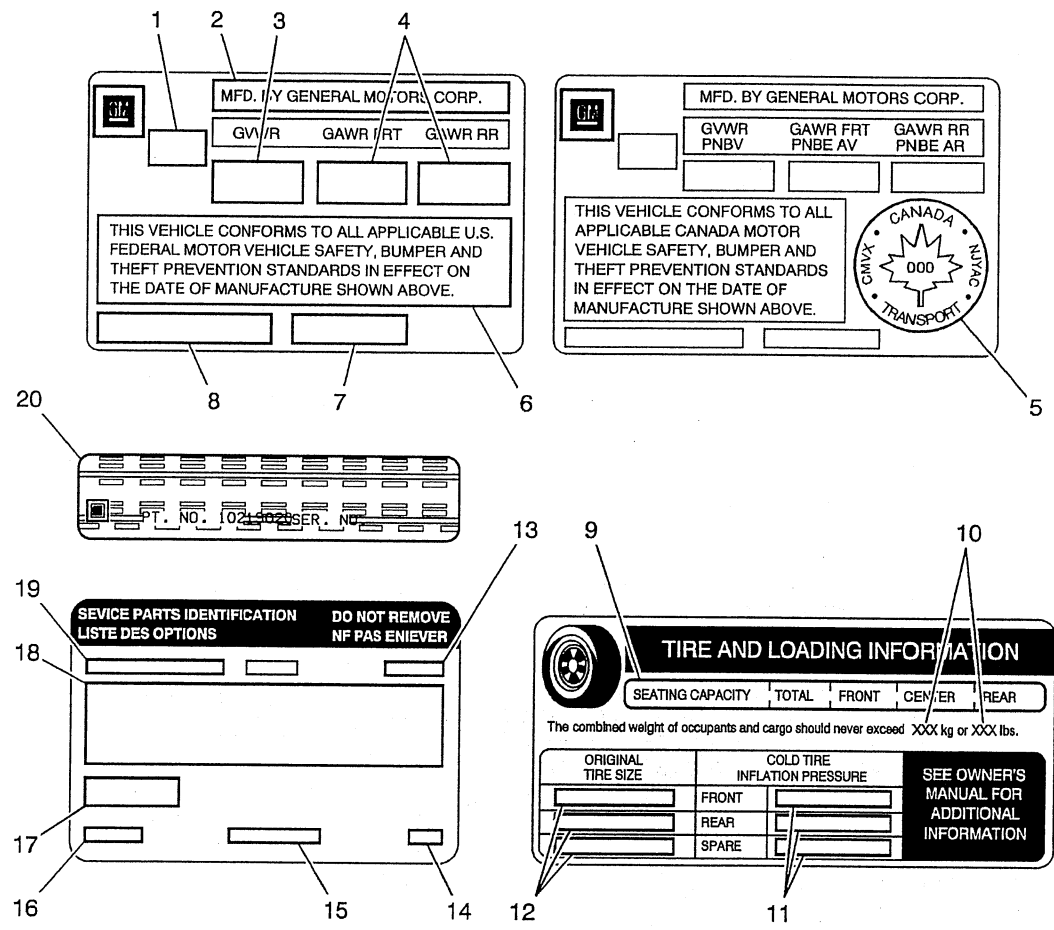
Axle Identification – Rear



- (1) Rear Axle Ratio
- (2) Build Source (C = Buffalo; K = Canada)
- (3) Julian Date
- (4) Shift Built (1 = First; 2 = Second)

All rear axles are identified by a broadcast code on the right axle tube near the carrier. The rear axle identification and manufacturer's codes must be known before attempting to adjust or to repair axle shafts or the rear axle case assembly. Rear axle ratio, differential type, manufacturer, and build date information is stamped on the right axle tube on the forward side.

Label - Vehicle Certification, Tire Place Card, Anti-Theft and Service Parts ID



Callout	Description
Vehicle Certification Label	
The vehicle certification label is located on the driver door and displays the following assessments:	
Gross Vehicle Weight Rating (GVWR)	
Gross Axle Weight Rating (GAWR), front and rear	
The gross vehicle weight (GVW) is the weight of the vehicle and everything it carries. The GVW must not exceed the GVWR. Include the following items when figuring the GVW:	
The base vehicle weight (factory weight)	
The weight of all vehicle accessories	
The weight of the driver and the passengers	
The weight of the cargo	
1	Name of Manufacturer
2	Gross Vehicle Weight Rating
3	Gross Axle Weight Rating (Front, Rear)
4	Canadian Safety Mark (w/RPO Z49)
5	Certification Statement
6	Vehicle Class Type (Pass Car, etc.)
7	Vehicle Identification Number
8	Date of Manufacture (Mo/Yr)

Callout	Description
Tire Placard	
The tire placard label is located on the driver door and displays the following assessments:	
9	Specified Occupant Seating Positions
10	Maximum Vehicle Capacity Weight
11	Original Equipment Tires Size
12	Tire Pressure, Front, Rear, and Spare (Cold)
Service Parts ID Label	
The vehicle service parts identification label is located in the glove compartment. The label is used to help identify the vehicle original parts and options.	
13	Vehicle Identification Number
14	Engineering Model Number (Vehicle Division, Line and Body Style)
15	Interior Trim Level and Decor
16	Exterior (Paint Color) WA Number
17	Paint Technology
18	Special Order Paint Colors and Numbers
19	Vehicle Option Content
Anti-Theft Label	
20	<p>The Federal law requires that General Motors label certain body parts on this vehicle with the VIN. The purpose of the law is to reduce the number of motor vehicle thefts by helping in the tracing and recovery of parts from stolen vehicles.</p> <p>Labels are permanently affixed to an interior surface of the part. The label on the replacement part contains the letter R, the manufacturer's logo, and the DOT symbol.</p> <p>The anti-theft label must be covered before any painting, and rustproofing procedures, and uncovered after the procedures. Failure to follow the precautionary steps may result in liability for violation of the Federal Vehicle Theft Prevention Standard and possible suspicion to the owner that the part was stolen.</p>

RPO Code List

The production/process codes provide the description of the Regular Production Options (RPOs) used on the vehicle. The RPO list is printed on the Service Parts Identification Label. The following is a list of the RPO abbreviations and the description of each:

Standard Duty

RPO	Description
AE7	Seat Front Split, Driver, Passenger
AG1	Adjuster Front Seat Power, Multi-Directional, Driver
AG2	Adjuster Passenger Seat Power, Multi-Directional
AJ1	Windows Deep Tint, All Except W/S and DRS
AL0	Sensor Indicator Inflatable Restraint, Front Passenger/Child Presence Detector
AM7	Rear Seat Folding
AN3	Seat Front, Individual, Non-Bucket
AU0	Lock Control, Remote Entry
AU3	Lock Control Side Door, Electric
A04	Windshield Tinted, Less Upper Shadeband
A28	Window RR-Full Width, Sliding
A31	Window Power Operated, All Doors
A95	Seat Front Bucket, High Back, Driver and Passenger Recliner
BAG	Parts Package Export
BA5	Ornamentation-Exterior, Custom
BG9	Covering Floor, Rubber
BS1	Insulation Acoustical Package
BW2	Molding, B/S Deluxe
B2E	Sales-Spring Special Package
B30	Floor Covering, Carpet
B32	Covering Front Floor Mats, Auxiliary
B33	Covering Rear Floor Mats, Auxiliary
B4U	Performance Package, Sport
B4V	Performance Package-High Output, Engine
B58	Covering Floor Mat, Front and Rear, Carpeted Insert
B71	Molding, Wheel Opening, Colored
B81	Molding Body/Side - Delete
B85	Molding, Body/Side, Exterior, Bright
CF5	Roof-Sun, Glass, Sliding, Electric
CJ2	HVAC System, Air Conditioner Front, Automatic Temperature Control, Auxiliary Temperature Control
CJ3	HVAC System, Air Conditioner Front, Manual Temperature Control, Auxiliary Temperature Control
CKD	Vehicle Completely Knocked Down (CKD)
C42	HVAC System Heater, Outside Air, Deluxe
C49	Defogger Rear Window, Electric
C5H	GVW Rating 6,900 lbs
C5M	GVW Rating 6,100 lbs
C5S	GVW Rating 6,600 lbs
C5W	GVW Rating 7,000 lbs
C7H	GVW Rating 6,400 lbs (2900 kg)
DE2	Mirror, Outside Left and Right, Manual Control, Folding, Color
DF2	Mirror, Outside Left and Right, Wide Load, Folding, Stainless Steel
DF5	Mirror, Inside Rearview, Light Sensitive, Compass, Outside Temperature Display
DH6	Mirror, Inside Front Van, Left and Right, Sunshade, Illumination

RPO	Description
DK7	Console Roof Interior, Custom
DK8	Console Roof-Interior, Deluxe
DL3	Mirror, Outside Left and Right, Remote Control, Electric, Heated, Power Folding, Turn Signal Indicator, Light Sensitive, Color
DL8	Mirror, Outside Left and Right, Remote Control, Electric, Heated
DNH	Box-Right Seat, Stowage
DPN	Mirror, Outside Left and Right, Wide Load, Vertical Glass, Manual Extending, Manual Folding, Heated, Turn Signal Indicator, Remote Control
DT4	Ashtray Cigarette Lighter
D07	Console, Front Compartment, Floor, Custom
D31	Mirror-Inside Rearview-Tilt (Duplicate With D36)
EQ9	Equipment-Underride Protection
EVA	Test DVT, EVAP Emission Requirement
EXP	Export
E62	Body Equipment Step Side, Pick-up Box
E63	Body Equipment Fleetside, Pick-up Box
E95	Cover Tonneau, Rear Compartment
FE9	Certification-Emission, Federal
F60	Spring Front Heavy Duty
GT4	Axle Rear 3.73 Ratio
GT5	Axle Rear 4.10 Ratio
GU5	Axle Rear-3.23 Ratio
GU6	Axle Rear 3.42 Ratio
G80	Axle Positraction Limited Slip
HOT	Appearance Package GMC "Hot Truck"
HP2	Hybrid Propulsion Electric , AHS2
JC4	Brake Vac Power, Disc/Disc, 7,200 lb
JF3	Brake-Vac Power, 17" Disc/Drum, W/ABS, 7,000 LBS
JF4	Brake-Vac Power, 17" Disc/Drum, W/ABS, 6,400 LBS
JH1	Brake Hydraulic Power, Disc/Disc, 6,400 lbs
KC4	Cooling System-Engine Oil
KG3	Generator 145 AMP
KNP	Cooling System-Transmission, HD
KUP	Throttle Control Electronic
KW1	Generator-160 AMP
K05	Heater Engine Block
K34	Cruise Control, Automatic, Electronic
K47	Air Cleaner High Capacity
K68	Generator, 105 Amp
LM7	Engine Gas, 8 Cylinder, 5.3L, MFI, Iron, GM
LQ9	Engine Gas, 8 Cylinder, 6.0L, MFI, Iron, GM, Ho
LR4	Engine Gas, 8 Cylinder, 4.8L MFI, Iron, GM
LU3	Engine Gas, 6 Cylinder, 4.3L, MFI, V6, 90 DEG
L33	Engine Gas, 8 Cylinder, 5.3L, SFI, V8, Alum, HO, GM
L59	Engine Flexible Fuel - Gas/ALC, 8 Cylinder, 5.3L, MFI, V8, GM
MG5	Transmission Manual 5-Speed, Getrag, 84mm, 4.00 1st, O/D
MTF	Provisions - Fire Extinguisher Mounting
MW7	Transmission-Auto 6 SPD, Allison, LCT 1000, 3.10 1st, .71 5th, .62 6th, O/D, Conv Clutch
M30	Transmission-Auto 4 SPD, HMD, 4L60-E, Electronic
M32	Transmission Auto 4-Speed, HMD, 4L60-E, Electronic, HD
M33	Transmission Auto 4-Speed, HMD, 4L60-E, Electronic, Hybrid
M70	Transmission-Auto 4 SPD, HMD, 4L70-E, Super Duty

2006 Chevrolet Silverado Truck Restoration Kit

RPO	Description
NB8	Emission Override-California System
NC1	Emission System California, LEV (Note: Not to be used after 2007 MDL YR for Domestic NAO Passenger Cars and Light Duty Trucks)
NC7	Emission Override-Federal System
NE1	Certification-Emission, Geographically Restricted Registration For Vehicles Up To 14,000 LBS GVW (Use 2003 MDL YR)
NF4	Emission System Clean Fuel, Fleet
NF9	Emission System General, OBD Mil Suppression
NHT	Performance Package-Enhanced Towing
NK5	Steering Wheel-Standard
NP2	Transfer Case, Manual Shift Control, 2 Speed
NP3	Transfer Case, All-Wheel Drive (AWD)
NP5	Steering Wheel, Leather Wrapped
NP8	Transfer Case Active, 2 Speed Push Button Control
NT8	Emission System Federal, Tier 2 A
NT9	Emission System Federal, Tier 2 Phase-out
NU4	Emission System California Level 2 Plus
NW7	Traction Control, Powertrain Management Only
NZZ	Sales Package, Skid Plate Off-Road Spot
N05	Lock Control Fuel Filler Cap
N12	Rear Exit Exhaust System
N93	Wheel - 17 x 7.5, Aluminum
PF4	Wheel - Aluminum - 16 X 7.0
PF9	Wheel - Aluminum Cast - 16 X 7.0
PY9	Wheel-Chrome Appearance - 17 x 7.5
P03	Cover, Wheel - Var 3
P25	Wheel 17 x 7.5, Aluminum, 5 Spoke Premium
P27	Wheel 17 x 7.5, Aluminum, 6 Spoke Premium
P30	Wheel 20x8.5, Aluminum, Sport
P35	Wheel-20 x 8.5, Chrome Alloy
P96	Equipment, Mexican Modified, Mandatory Base Equipment
QAN	Tire All P265/70R17 - 113S BW R/PE ST TL AL2
QAQ	Tire All - P265/70R17-113H BW R/PE ST TL AL2
QBL	Tire All - P265/70R17-113H BW TL ST OOR
QE4	Wheel Spare - 16 x 6.5 Aluminum
QF7	Wheel - 17 x 7.5, Aluminum, Deluxe
QJM	Tire All P265/70R17 - 113S WOL R/PE ST TL OOR
QJP	Tire All P265/70R17 - 113S BW R/PE ST TL OOR
QNF	Tire All P235/75R16 - 106S BW R/PE ST TL ALS
QNG	Tire All P235/75R16 - 106S WOL R/PE ST TL ALS
QNK	Tire All P245/75R16 - 109S BW R/PE ST TL ALS
QNL	Tire All P245/75R16 - 109S WOL R/PE ST TL ALS
QNM	Tire All - P245/70R17-108H BW TL ST ALS
QPO	Tire All - P245/70R17-108S WOL TL ST ALS
QPR	Tire All - P245/70R17-108S BW TL ST ALS
QR9	Wheel - 20 x 8.5, Aluminum Cast, Chromed, 5 Spokes
QSS	Tire All P275/55R20 - 111S BW TL ST AL2
QS8	Wheel - 20 x 8.5, Aluminum Cast, Chromed, 7 Spokes
QVL	Tire All P265/70R17 - 113S BW R/PE ST TL ALS
QVM	Tire All P265/70R17 - 113S WOL R/PE ST TL ALS
QXR	Tire All - LT245/70R17/C BW ST TL AT
Q4B	GVW Rating 6,200 lbs

RPO	Description
SAF	Lock Spare Tire, Hoist Shaft
TBD	20" Chrome Wheel - New Chrome Wheel
TL1	Grille Special
TP2	Battery Auxiliary
TRB	Grille Radiator, Body Color
TRW	Provisions Lamp, Roof Mounted
TR3	Grille Radiator, Body Color, w/Chrome Emblem
TZ0	Transmission Manual 5-Speed, Tremac, 85mm, 3.82 1st, 0.83 5th
T07	Generator - Delete
T2H	Exterior Ornamentation, Export Unique Requirements
T62	Lamp System Daytime Running - Delete
T64	Battery - Delete
T78	Headlamps Control - Delete
T96	Fog Lamps, Front
T98	Stamping - Vehicle Identification Number
UB0	Radio AM/FM Stereo, Seek/Scan, CD, Auto Tone, Data System Clock, ETR
UB1	Radio AM/FM Stereo, Seek/Scan, Auto Reverse Music Search Cassette, CD, Auto Tone, Data System Clock, ETR
UC2	Speedometer Instrument, Kilo and Miles, Kilo Odometer, Positive Bias
UC6	Radio AM/FM Stereo, Seek/Scan, RDS, Multiple Compact Disc, Auto Tone Control, Clock, ETR
UD4	Alarm Vehicle Speed, 120 km/h
UE1	Communication System Vehicle, G.P.S. 1
UG1	Universal Garage Door Opener
UJ6	Indicator-Low Tire Pressure
UK3	Accessory Steering Wheel Control
UK6	Radio Control Rear Seat and Earphone Jacks
UL2	Frequencies-European
UL4	Frequencies, South American
UL5	Radio - Delete
UL8	Frequencies, Saudi Arabian
UM7	Radio AM/FM Stereo, Seek/Scan, Clock, ETR
UQ3	Speaker System, Performance Enhanced Audio
UQ5	Speaker System 4, Dual Front Door Mounted, Dual Extended Range Quarter Mounted
UQ7	Speaker System Premium Performance, Enhanced Audio, Bose®
UQ9	Speaker System - Delete
UY2	Wiring Provisions for Camper/5th Wheel Trailer
U01	Lamp Five, Roof Marker, Truck
U1S	Player Multiple Compact Disc
U19	Speedometer Instrument, Kilo and Miles, Kilo Odometer
U2J	Digital Audio System-S Band "Not Installed"
U2K	Digital Audio System S-Band
U42	Entertainment Package Rear Seat
VBX	Language Label Arabic
VB3	Bumper Rear Step, Chrome, Impact Strip
VCG	Provisions - International Switch/Control Symbols
VCL	Certification - Emission, Clean Fuel Vehicle, Fleet
VC4	Label Price/Fuel Economy, Puerto Rico and Virgin Islands
VC5	Label Shipping, Except US, US Possessions, or Japan
VC7	Label Price/Fuel Economy, Guam
VF1	Bumper Front - Painted, Steel, Primed
VF3	Bumper Rear - Painted, Steel, Primed

RPO	Description
VF7	Bumper Rear Step - Delete
VGC	Protector Film, Paint Etch Preventive
VG3	Bumper Front Impact Strip
VJ3	Label, Plate - ECE Approval and Vehicle Identification
VJ7	Label, Fuel - Unleaded Only
VK3	License Plate, Front Mounting Package
VPH	Vehicle Preparation Overseas Delivery
VR4	Trailer Hitch Weight Distributing Platform
VR6	Hook Tie-Down Shipping
VT4	Bumper Front Color Keyed
VT5	Bumper Rear Color Keyed
VYU	Provisions, Snow Plow Preparation
VZ2	Calibration Speedometer A
V22	Grille Radiator, Chrome
V43	Bumper, Rear Step, Color
V60	Vehicle Statement Gulf States Organization, Incomplete Vehicle
V73	Vehicle Statement, USA/ Canada
V76	Hook - Tow
V78	Vehicle Statement - Delete
V87	Vehicle Statement Gulf States Organization
W86	Equipment: Miscellaneous Equipment for Venezuela (GMV Controlled)
W99	Equipment: Miscellaneous Equipment for Venezuela (GM Platform Controlled)
X52	Miscellaneous Equipment for Guam, Puerto Rico/US Virgin Islands
X88	Market Brand - Chevrolet
YE9	Convenience Package - Comfort and Decor Level #3
YF5	Certification - Emission, California
Y91	Merchandised Package Luxury Edition
ZX3	Chassis Package - Manual Select Damping
Z49	Export Canadian Modification Mandatory Base Equipment
Z5X	Mirror Provisions Arabic Language
Z60	Chassis Package High Performance
Z71	Chassis Package "Off Road"
Z82	Trailer Provisions Special Equipment, H. D.
Z83	Chassis Package Solid Smooth Ride
Z85	Chassis Package Increased Capacity
Z88	Market Brand - GMC

Heavy Duty

RPO	Description
AE7	Seat Front Split, Driver, Passenger
AG1	Adjuster Front Seat Power, Multi-Directional, Driver
AG2	Adjuster Passenger Seat Power, Multi-Directional
AJ1	Windows Deep Tint, All Except W/S and DRS
AM7	Rear Seat Folding
AN3	Seat Front, Individual, Non-Bucket
AU0	Lock Control, Remote Entry
AU3	Lock Control Side Door, Electric
A04	Windshield Tinted, Less Upper Shadeband
A28	Window RR-Full Width, Sliding
A31	Window Power Operated, All Doors
A95	Seat Front Bucket, High Back, Driver and Passenger Recliner
BAG	Parts Package Export
BG9	Covering Floor, Rubber
BL4	Label - Price Refer Geographic Chart
B30	Floor Covering, Carpet
B32	Covering Front Floor Mats, Auxiliary
B33	Covering Rear Floor Mats, Auxiliary
B71	Molding, Wheel Opening, Colored
B85	Molding, Body/Side, Exterior, Bright
CF5	Roof-Sun, Glass, Sliding, Electric
CJ2	HVAC System, Air Conditioner Front, Automatic Temperature Control, Auxiliary Temperature Control
CJ3	HVAC System, Air Conditioner Front, Manual Temperature Control, Auxiliary Temperature Control
CKD	Vehicle - Completely Knocked Down (CKD)
C42	HVAC System Heater, Outside Air, Deluxe
C49	Defogger Rear Window, Electric
C4M	GVW Rating - 9,900 LBS
C6P	GVW Rating - 8,600 LBS (900 Kg)
C6W	GVW Rating - 9,200 LBS
C6Y	GVW Rating - 9,600 LBS
C7L	GVW Rating - 12,000 LBS
C7W	GVW Rating - 11,400 LBS
DE2	Mirror, Outside Left and Right, Manual Control, Folding, Color
DF2	Mirror, Outside Left and Right, Wide Load, Folding, Stainless Steel
DF5	Mirror, Inside Rearview, Light Sensitive, Compass, Outside Temperature Display
DG5	Mirror Outside - LH and RH, Wide Load, Large
DK7	Console Roof Interior, Custom
DK8	Console Roof-Interior, Deluxe
DL3	Mirror, Outside Left and Right, Remote Control, Electric, Heated, Power Folding, Turn Signal Indicator, Light Sensitive, Color
DL8	Mirror, Outside Left and Right, Remote Control, Electric, Heated
DNH	Box-Right Seat, Stowage
DPN	Mirror, Outside Left and Right, Wide Load, Vertical Glass, Manual Extending, Manual Folding, Heated, Turn Signal Indicator, Remote Control
DT4	Ashtray Cigarette Lighter
D07	Console, Front Compartment, Floor, Custom
D44	Mirror Outside - Color
EVA	Test DVT, EVAP Emission Requirement
EXP	Export

2006 Chevrolet Silverado Truck Restoration Kit

RPO	Description
E63	Body Equipment Fleetside, Pick-up Box
E95	Cover Tonneau, Rear Compartment
FE9	Certification-Emission, Federal
F60	Spring Front Heavy Duty
GEC	GVW Rating - 9,800 LBS
GTY	Axle - Wide Track
GT4	Axle Rear 3.73 Ratio
GT5	Axle Rear 4.10 Ratio
G80	Axle Positraction Limited Slip
HVY	Identification - 2 Inch Body Raise, H.D. Model
JH6	Brake - HYD Power, 4 Wheel Disc, 9,900 LBS
JH7	Brake - HYD Power, 4 Wheel Disc, 12,300 LBS (Duplicate with JH9)
JVA	Brake System - Antilock Brake - Delete
KC4	Cooling System-Engine Oil
KG3	Generator 145 AMP
KL5	Modification - Engine, Natural Gas
KNP	Cooling System - Transmission, HD
KUP	Throttle Control Electronic
K05	Heater Engine Block
K34	Cruise Control, Automatic, Electronic
K47	Air Cleaner High Capacity
K65	Generator - 105 Amp, DUAL
K68	Generator, 105 Amp
LBZ	Engine - Diesel, 8 Cyl., 6.6L, DI, V8, Turbo-High, HO, Duramax
LLY	Engine - Diesel, 8 Cyl, 6.6L, DI, V8, Turbo-High, Duramax
LQ4	Engine - Gas, 8 Cyl, 6.0L, MFI, Iron, GM
L18	Engine - Gas, 8 Cyl, 8.1L, MFI
L31	Engine - Gas, 8 Cyl, 5.7L, CPI
ML6	Transmission - Manual 6 Speed, ZF, 105 mm, 5.79 1st, 0.72 6th, O/D
MTF	Provisions - Fire Extinguisher Mounting
MT1	Transmission - Automatic 4 Speed, HMD, 4I80-E
MW3	Transmission - Manual 5 Speed, NVG, 109 mm, 5.61 1st, O/D
MW7	Transmission-Auto 6 SPD, Allison, LCT 1000, 3.10 1st, .71 5th, .62 6th, O/D, Conv Clutch
M1F	Power Take Off - RR PTO
M96	Transmission - Manual 5 Speed, Tremec, 109 mm, 5.81 1st, 0.77 5th
NA1	Emission System GVW - Less Than 8,500 Lb
NA4	Emission System GVW - Above 8,500 Lb
NC1	Emission System California, LEV (Note: Not to be used after 2007 MDL YR for Domestic NAO Passenger Cars and Light Duty Trucks)
NC8	Emission System - California, ULEV (Note: Not to be used After 2007 MDL Year for Domestic NAO Passenger Cars and Light Duty Trucks)
NE1	Certification-Emission, Geographically Restricted Registration For Vehicles Up To 14,000 LBS GVW (Use 2003 MDL YR)
NF2	Emission System - Federal, Tier 1
NF4	Emission System Clean Fuel, Fleet
NF9	Emission System General, OBD Mil Suppression
NP1	Transfer Case - Electric Shift Control, 2 Speed
NP2	Transfer Case, Manual Shift Control, 2 Speed
NP5	Steering Wheel, Leather Wrapped
NP8	Transfer Case Active, 2 Speed Push Button Control
NQZ	Fuel Tank - Auxiliary, RR Mounted, 18 Gal, - Delete
NU4	Emission System California Level 2 Plus

RPO	Description
NW7	Traction Control - Powertrain Management Only
NZZ	Sales Package, Skid Plate Off-Road Spot
N05	Lock Control Fuel Filler Cap
PTO	Engine Control - Power Take Off (PTO) Controls
PY0	Wheel - 16 x 6.5, Aluminum
PY2	Wheel - 16 x 6.5, Chrome Appearance
P03	Cover, Wheel - Var 3
P06	Trim Discs - Wheel
P96	Equipment, Mexican Modified, Mandatory Base Equipment
QC1	Wheel - 16 x 7, Steel
QER	Tire All - LT265/75R16/E BW R/PE ST TL OOR (123/120Q)
QIW	Tire All - LT245/75R16/E BW R/PE ST TL OOR 120Q
QIZ	Tire All - LT245/75R16/E BW TL ALS 120Q
SAF	Lock Spare Tire, Hoist Shaft
SRW	Chassis - Single Rear Wheel, Ride and Handling
TP2	Battery Auxiliary
TQ3	Battery - 770 CCA (Dual)
TRW	Provisions Lamp, Roof Mounted
TR3	Grille Radiator, Body Color, w/Chrome Emblem
T62	Lamp System Daytime Running - Delete
T78	Headlamps Control - Delete
T96	Fog Lamps, Front
T98	Stamping - Vehicle Identification Number
UB0	Radio AM/FM Stereo, Seek/Scan, CD, Auto Tone, Data System Clock, ETR
UB1	Radio AM/FM Stereo, Seek/Scan, Auto Reverse Music Search Cassette, CD, Auto Tone, Data System Clock, ETR
UC2	Speedometer Instrument, Kilo and Miles, Kilo Odometer, Positive Bias
UC6	Radio AM/FM Stereo, Seek/Scan, RDS, Multiple Compact Disc, Auto Tone Control, Clock, ETR
UD4	Alarm Vehicle Speed, 120 km/h
UE1	Communication System Vehicle, G.P.S. 1
UJ6	Indicator-Low Tire Pressure
UK3	Accessory Steering Wheel Control
UK6	Radio Control Rear Seat and Earphone Jacks
UL4	Frequencies, South American
UL5	Radio - Delete
UL8	Frequencies, Saudi Arabian
UM7	Radio AM/FM Stereo, Seek/Scan, Clock, ETR
UQ3	Speaker System, Performance Enhanced Audio
UQ5	Speaker System 4, Dual Front Door Mounted, Dual Extended Range Quarter Mounted
UQ7	Speaker System Premium Performance, Enhanced Audio, Bose®
UQ9	Speaker System - Delete
UY2	Wiring Provisions for Camper/5th Wheel Trailer
U01	Lamp Five, Roof Marker, Truck
U19	Speedometer Instrument, Kilo and Miles, Kilo Odometer
U2J	Digital Audio System-S Band "Not Installed"
U2K	Digital Audio System - S - Band
U2K	Digital Audio System S-Band
U42	Entertainment Package Rear Seat
VBX	Language Label Arabic
VB3	Bumper Rear Step, Chrome, Impact Strip
VCL	Certification - Emission, Clean Fuel Vehicle, Fleet

RPO	Description
VC0	Vehicle - Label, Noise Control Information
VC4	Label Price/Fuel Economy, Puerto Rico and Virgin Islands
VC5	Label Shipping, Except US, US Possessions, or Japan
VC7	Label Price/Fuel Economy, Guam
VF7	Bumper Rear Step - Delete
VGC	Protector Film, Paint Etch Preventive
VG3	Bumper Front Impact Strip
VJ3	Label, Plate - ECE Approval and Vehicle Identification
VK3	License Plate, Front Mounting Package
VPH	Vehicle Preparation Overseas Delivery
VR4	Trailer Hitch Weight Distributing Platform
VR6	Hook Tie-Down Shipping
VYU	Provisions, Snow Plow Preparation
VZ2	Calibration Speedometer A
V10	Provision Options - Cold Weather
V22	Grille Radiator, Chrome
V43	Bumper, Rear Step, Color
V60	Vehicle Statement Gulf States Organization, Incomplete Vehicle
V73	Vehicle Statement, USA/ Canada
V76	Hook - Tow
V78	Vehicle Statement - Delete
V87	Vehicle Statement Gulf States Organization
W86	Equipment: Miscellaneous Equipment for Venezuela (GMV Controlled)
W99	Equipment: Miscellaneous Equipment for Venezuela (GM Platform Controlled)
XEC	Tire Front - LT215/85R16/E BW R/ST ST TL HWY
XEJ	Tire Front - LT215/85R16/E BW R/PE ST TL OOR
XYK	Tire Front - LT215/85R16/D BL R/PE ST TL HWY
XYL	Tire Front - LT215/85R16/D BW R/PE ST TL OOR
X52	Miscellaneous Equipment for Guam, Puerto Rico/US Virgin Islands
X88	Market Brand - Chevrolet
YB3	Plate - Clutch Driven, Part of Engine - Delete
YE9	Convenience Package - Comfort and Decor Level #3
YF2	Sales Package - Ambulance Upfitter
YF5	Certification - Emission, California
ZW9	Body Equipment - Base Body or Chassis
ZX3	Chassis Package - Manual Select Damping
ZYK	Tire Spare - LT215/85R16/D BL R/PE ST TL HWY
Z49	Export Canadian Modification Mandatory Base Equipment
Z5X	Mirror Provisions Arabic Language
Z82	Trailer Provisions Special Equipment, H. D.
Z85	Chassis Package Increased Capacity
Z88	Market Brand - GMC

Technical Information

Maintenance and Lubrication

Capacities - Approximate Fluid

Application	Specifications	
	Metric	English
Axle Capacities		
• Front Drive Axle (8.25")	1.43 liters	1.51 quarts
• Front Drive Axle (9.25")	1.73 liters	1.83 quarts
• Rear Drive Axle (8.6")	2.03 liters	2.15 quarts
• Rear Drive Axle (9.5")	2.6 liters	2.75 quarts
• Rear Drive Axle (9.75")	2.84 liters	3.00 quarts
• Rear Drive Axle (10.5")	2.6 liters	2.75 quarts
• Rear Drive Axle (11.5")	3.0 liters	3.17 quarts
Cooling System		
• VORTEC 4300 V6 Automatic with Front A/C*	14.0 liters	14.8 quarts
• VORTEC 4300 V6 Automatic with Front A/C**	15.6 liters	16.5 quarts
• VORTEC 4300 V6 Manual with Front A/C*	14.3 liters	15.1 quarts
• VORTEC 4300 V6 Manual with Front A/C**	15.7 liters	16.6 quarts
• VORTEC 4800 V8 Automatic with Front A/C*	14.4 liters	15.2 quarts
• VORTEC 4800 V8 Automatic with Front A/C**	15.9 liters	16.8 quarts
• VORTEC 4800 V8 Manual with Front A/C*	14.7 liters	15.5 quarts
• VORTEC 4800 V8 Manual with Front A/C**	16.1 liters	17.0 quarts
• VORTEC 5300 V8 Automatic with Front A/C*	14.4 liters	15.2 quarts
• VORTEC 5300 V8 Automatic with Front A/C**	15.9 liters	16.8 quarts
• VORTEC 6000 V8 Automatic*	15.3 liters	16.2 quarts
• VORTEC 6000 V8 Automatic**	15.8 liters	16.7 quarts
• VORTEC 6000 V8 Manual*	15.8 liters	16.7 quarts
• VORTEC 6000 V8 Manual**	15.8 liters	16.7 quarts
• VORTEC 8100 V8 Automatic*	25.5 liters	26.9 quarts
• VORTEC 8100 V8 Automatic**	--	--
• VORTEC 8100 V8 HD Automatic*	23.7 liters	25.0 quarts
• RPO L18 VORTEC 8100 V8 Manual*	25.6 liters	27.1 quarts
Lubrication System		
• 6.6L (RPO LLY) Oil Capacity-with Filter	9.5 liters	10.0 quarts
• 6.6L (RPO LLY) Oil Capacity-without Filter	8.7 liters	9.2 quarts
Engine Oil with Filter		
• 4300 V6	4.3 liters	4.5 quarts
• (RPO LU3) 4800 V8; 5.3 V8; 6000 V8	5.7 liters	6.0 quarts
• (RPO LM7, L33, L59, LR4, LQ4, LQ9) 8100 V8	6.1 liters	6.5 quarts
Fuel Tank		
• Short Bed and 2500 LD	98 liters	26 gallons
• Long Bed and Chassis Cab (Pickup Box Delete)	136 liters	36 gallons
• Chassis Cab 3500 and 3500HD - Front	102 liters	27 gallons
• Chassis Cab 3500 and 3500HD - Rear	87 liters	23 gallons

Application	Specifications	
	Metric	English
Transfer Case		
• New Venture Gear 149 (NP3)	2.1 liters	2.22 quarts
• New Venture Gear 246 (NP8)	1.9 liters	2.0 quarts
• New Venture Gear 261 (NP2)	1.9 liters	2.0 quarts
• New Venture Gear 263 (NP1)	1.9 liters	2.0 quarts
Transmission		
• 4L60-E 4 Spd. HMD Auto Pan Removal	4.7 liters	5.0 quarts
• 4L60-E 4 Spd. HMD Auto (M30) After Complete Overhaul	10.6 liters	11.2 quarts
• 4L80-E Auto (MT1)	7.3 liters	7.7 quarts
• 4L80-E Auto (MT1) After Complete Overhaul	12.8 liters	13.5 quarts
• 5-Spd. Auto Allison (M74) Fluid and Filter Change	7.0 liters	7.4 quarts
• 5-Spd. Auto Allison (M74) After Complete Overhaul	12.0 liters	12.7 quarts
• New Venture Gear 3500 Manual Transmission	2.3 liters	2.4 quarts
• New Venture Gear 4500 Manual Transmission	3.8 liters	4.0 quarts
• 6-Spd. Manual (ZF) (ML6)	6.0 liters	6.3 quarts

* Engine Fan Driven cooling system

** Electric Cooling Fan system

Maintenance Items – Gasoline Engine

Part	GM Part Number	ACDelco Part Number
Engine Air Cleaner/Filter		
High Capacity	25313349	A1518C
Standard	25313348*	A1519C*
Oil Filter		
4300 V6	25010792	PF47
4800 V8; 5300 V8; 6000 V8	88984215	PF46
8100 V8	25324052	PF454
Spark Plugs		
4300 V6	25162556	41-932
4800 V8; 5300 V8; 6000 V8	12571164	41-985
8100 V8	12578277	41-983
Wiper Blades (ITTA Type) 22 inches (56.0 cm)	15153642	--

* A1518C high-capacity air cleaner filter may be substituted.

Fluid and Lubricant Recommendations – Gasoline Engine

Usage	Fluid/Lubricant
Engine Oil	Engine oil which meets GM Standard GM6094M and displays the American Petroleum Institute Certified for Gasoline Engines starburst symbol. GM Goodwrench® oil meets all the requirements for your vehicle.
Engine Coolant	50/50 mixture of clean, drinkable water and use only DEX-COOL® coolant.
Hydraulic Brake System	Delco® Supreme 11 Brake Fluid or equivalent DOT-3 brake fluid.
Windshield Washer	GM Optikleen Washer Solvent.
Hydraulic Clutch System (5-Speed Trans.)	Hydraulic Clutch Fluid (GM Part No. U.S. 12345347, in Canada 10953517) or equivalent DOT-3 brake fluid.
Hydraulic Clutch System (6-Speed Trans.)	Hydraulic Clutch Fluid. Use only GM Part No. U.S. 88958860, in Canada 88901244, Super DOT-4 brake fluid.

Usage	Fluid/Lubricant
Power Steering System	GM Power Steering Fluid (GM Part No. U.S. 89021184, in Canada 89021186).
Manual Transmission (5-Speed with Low Gear, RPO MW3)	GM Goodwrench® Synthetic Manual Transmission Fluid (GM Part No. U.S. 12346190, in Canada 10953477) or equivalent SAE 75W-85 GL-4 gear oil.
Manual Transmission (5-Speed without Low Gear, RPO MG5)	Synchromesh Transmission Fluid (GM Part No. U.S. 12345349, in Canada 10953465).
Manual Transmission (6-Speed)	Synthetic Transmission Fluid approved to Allison Transmission® specification TES-295 (GM Part No. U.S. 12378515, in Canada 88900701).
Automatic Transmission	DEXRON®-III Automatic Transmission Fluid. Look for "Approved for the H-Specification" on the label.
Key Lock Cylinders	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Floor Shift Linkage	Lubriplate Lubricant Aerosol (GM Part No. U.S. 12346293, in Canada 992723) or lubricant meeting requirements of NLGI #2 Category LB or GC-LB.
Chassis Lubrication	Chassis Lubricant (GM Part No. U.S. 12377985, in Canada 88901242) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Front Axle (Four-Wheel Drive)	SAE 80W-90 Axle Lubricant (GM Part No. U.S. 1052271, in Canada 10950849).
Front Axle (All-Wheel Drive)	SAE 75W-90 Synthetic Axle Lubricant (GM Part No. U.S. 12378261, in Canada 10953455) meeting GM Specification 9986115.
Front Axle	SAE 80W-90 Axle Lubricant (GM Part No. U.S. 1052271, in Canada 10950849).
Rear Axle	SAE 75W-90 Synthetic Axle Lubricant (GM Part No. U.S. 12378261, in Canada 10953455) meeting GM Specification 9986115.
Rear Axle (Steerable)	Synthetic Axle Lubricant; use only GM Part No. U.S. 12378557, in Canada 88901362. <i>Do not add friction modifier.</i>
Manual Transfer Case	DEXRON®-III Automatic Transmission Fluid. Look for "Approved for the H-Specification" on the label.
Automatic Transfer Case (Four-Wheel Drive)	AUTO-TRAK II Fluid (GM Part No. U.S. 12378508, in Canada 10953626).
Transfer Case (All-Wheel Drive)	DEXRON®-III Automatic Transmission Fluid. Look for "Approved for the H-Specification" on the label.
Front Axle Propshaft Spline or One-Piece Propshaft Spline (Two-Wheel Drive with Auto. Trans.)	Spline Lubricant, Special Lubricant (GM Part No. U.S. 12345879, in Canada 10953511) or lubricant meeting requirements of GM 9985830.
Rear Driveline Center Spline	Chassis Lubricant (GM Part No. U.S. 12377985, in Canada 88901242) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Hood Hinges	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Body Door Hinge Pins, Tailgate Hinge and Linkage, Folding Seats, and Fuel Door Hinge	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Tailgate Handle Pivot Points, Hinges, Latch Bolt, and Linkage	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Weatherstrip Conditioning	Dielectric Silicone Grease (GM Part No. U.S. 12345579, in Canada 992887).
Weatherstrip Squeaks	Synthetic Grease with Teflon, Superlube (GM Part No. U.S. 12371287, in Canada 10953437).

Maintenance Items – Diesel Engine

Part	GM Part Number	ACDelco Part Number
Oil Filter	88917036	PF2232
Engine Air Cleaner/Filter <ul style="list-style-type: none"> Pickups Models Van Models 	25332443 15102546	A1618C A2959C
Fuel Filter(s) <ul style="list-style-type: none"> Pickup Models Van Models (Primary and Secondary Filter Kit) 	97385488 19121764	TP1298A RK58095*
Use only the specified filters. * Racor service kit includes primary filter, secondary filter and o-rings.		

Fluid and Lubricant Recommendations – Diesel Engine

Usage	Fluid/Lubricant
Engine Oil (Diesel Engine)	Engine oils with the letters CI-4 or CH-4 are best for your vehicle. The CI-4 or CH-4 designation may appear either alone, or in combination with other API designations, such as API CI-4/SL. These letters show American Petroleum Institute (API) levels of quality. GM Goodwrench® oil meets all the requirements for your vehicle.
Engine Coolant	50/50 mixture of clean, drinkable water and use only DEX-COOL® Coolant.
Hydraulic Brake System	Delco® Supreme 11 Brake Fluid or equivalent DOT-3 brake fluid.
Windshield Washer	GM Optikleen Washer Solvent.
Hydraulic Clutch System (5-Speed Trans.)	Hydraulic Clutch Fluid (GM Part No. U.S. 12345347, in Canada 10953517) or equivalent DOT-3 brake fluid.
Hydraulic Clutch System (6-Speed Trans.)	Hydraulic Clutch Fluid. Use only GM Part No. U.S. 88958860, in Canada 88901244, Super DOT-4 brake fluid.
Power Steering System	GM Power Steering Fluid (GM Part No. U.S. 89021184, in Canada 89021186).
Manual Transmission (5-Speed with Low Gear, RPO MW3)	GM Goodwrench Synthetic Manual Transmission Fluid (GM Part No. U.S. 12346190, in Canada 10953477) or equivalent SAE 75W-85 GL-4 gear oil.
Manual Transmission (5-Speed without Low Gear, RPO MG5)	Synchromesh Transmission Fluid (GM Part No. U.S. 12345349, in Canada 10953465).
Manual Transmission (6-Speed)	Synthetic Transmission Fluid approved to Allison Transmission specification TES-295 (GM Part No. U.S. 12378515, in Canada 88900701).
Automatic Transmission	DEXRON®-III Automatic Transmission Fluid. Look for "Approved for the H-Specification" on the label.
Key Lock Cylinders	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Floor Shift Linkage	Lubriplate Lubricant Aerosol (GM Part No. U.S. 12346293, in Canada 992723) or lubricant meeting requirements of NLGI #2 Category LB or GC-LB.
Chassis Lubrication	Chassis Lubricant (GM Part No. U.S. 12377985, in Canada 88901242) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Front Axle	SAE 80W-90 Axle Lubricant (GM Part No. U.S. 1052271, in Canada 10950849).
Rear Axle	SAE 75W-90 Synthetic Axle Lubricant (GM Part No. U.S. 12378261, in Canada 10953455) meeting GM Specification 9986115.
Manual Transfer Case	DEXRON®-III Automatic Transmission Fluid. Look for "Approved for the H-Specification" on the label.

Usage	Fluid/Lubricant
Automatic Transfer Case	AUTO-TRAK II Fluid (GM Part No. U.S. 12378508, in Canada 10953626).
Front Axle Propshaft Spline or One-Piece Propshaft Spline (Two-Wheel Drive with Auto. Trans.)	Spline Lubricant, Special Lubricant (GM Part No. U.S. 12345879, in Canada 10953511) or lubricant meeting requirements of GM 9985830.
Rear Driveline Center Spline	Chassis Lubricant (GM Part No. U.S. 12377985, in Canada 88901242) or lubricant meeting requirements of NLGI #2, Category LB or GC-LB.
Hood Hinges	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Body Door Hinge Pins, Tailgate Hinge and Linkage, Folding Seats, and Fuel Door Hinge	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Tailgate Handle Pivot Points, Hinges, latch Bolt, and Linkage	Multi-Purpose Lubricant, Superlube (GM Part No. U.S. 12346241, in Canada 10953474).
Weatherstrip Conditioning	Dielectric Silicone Grease (GM Part No. U.S. 12345579, in Canada 992887).
Weatherstrip Squeaks	Synthetic Grease with Teflon, Superlube (GM Part No. U.S. 12371287, in Canada 10953437).

GM Oil Life System - Resetting

The engine oil life monitor will indicate when to change the engine oil - usually between 5 000 km (3,000 miles) and 16 000 km (10,000 miles) since the last oil change. Under severe conditions, the CHANGE OIL SOON light may be displayed before 5 000 km (3,000 miles). The vehicle must not be driven more than 16 000 km (10,000 miles) or 12 months without an oil change.

Reset the oil life monitor when the oil has been changed, use the following procedure.

1. Turn the ignition key to the RUN position.
2. Fully push and release the accelerator pedal 3 times within 5 seconds.
3. If the Change Oil Soon light flashes, the system is resetting.
4. Start the vehicle.
5. The oil life will change to 100%.
6. If the Change Oil Soon light comes back on, the system has not reset. Repeat the procedure.

Descriptions and Operations

Power Steering System

Without Electro-Hydraulic Steering

The hydraulic power steering pump is a constant displacement vane-type pump that provides hydraulic pressure and flow for the power steering gear. The hydraulic power steering pumps are either belt-driven or direct-drive, cam-driven.

The power steering fluid reservoir holds the power steering fluid and may be integral with the power steering pump or remotely located. The following locations are typical locations for the remote reservoir:

- Mounted to the front of the dash panel
- Mounted to the inner fender
- Mounted to a bracket on the engine

The 2 basic types of power steering gears are listed below:

- A recirculating ball system
- A rack and pinion system

In the recirculating ball system, a worm gear converts steering wheel movement to movement of a sector shaft. A pitman arm attached to the bottom of the sector shaft actually moves one tie rod and an intermediate rod move the other tie rod.

In the rack and pinion system, the rack and the pinion are the 2 components that convert steering wheel rotation to lateral movement. The steering shaft is attached to the pinion in the steering gear. The pinion rotates with the steering wheel. Gear teeth on the pinion mesh with the gear teeth on the rack. The rotating pinion moves the rack from side to side. The lateral action of the rack pushes and pulls the tie rods in order to change the direction of the vehicle's front wheels.

The power steering pressure hose connects the power steering pump union fitting to the power steering gear and allows pressurized power steering fluid to flow from the pump to the gear.

The power steering return hose returns fluid from the power steering gear back to the power steering fluid reservoir. The power steering return line may contain an integral fin-type or line-type power steering fluid cooler.

In a typical power steering system, a pump generates hydraulic pressure, causing fluid to flow, via the pressure hose, to the steering gear valve assembly. The steering gear valve assembly regulates the incoming fluid to the right and left chambers in order to assist in right and left turns.

Turning the steering wheel activates the valve assembly, which applies greater fluid pressure and flow to 1 side of the steering gear piston, and lower pressure and flow to the other side of the piston. The pressure assists the movement of the gear piston. Tie rods transfer this force to the front wheels, which turn the vehicle right or left.

With Electro-Hydraulic Steering

The electro-hydraulic power steering (EHPS) module controls the power steering motor which has the function of providing hydraulic power to the brake booster and the steering gear. A secondary function includes the ability to improve fuel economy by operating on a demand basis and the ability to provide speed-dependent variable-effort steering.

The EHPS module controls the EHPS powerpack, an integrated assembly consisting of the following components:

- The electric motor
- The hydraulic pump
- The fluid reservoir
- The reservoir cap
- The reservoir baffles, if required
- The fluid level sensor, if required
- The electronic controller
- The electrical connectors

EHPS Module

The electro-hydraulic power steering (EHPS) module shall interface with the vehicle electrical subsystem to provide connections for the +36-volt (nominal) power supply, for signal inputs necessary to control the EHPS module output and for serial communications. If the 125 A EHPS fuse or the +36-volt circuit supplying the EHPS module is open, the EHPS system will not operate and only communication codes will be set by modules which communicate with the EHPS module. The powertrain control module (PCM) shall act as the gateway to translate controller area network (CAN) messages into class 2 messages when required for diagnostic purposes.

The EHPS module shall receive the following messages from the CAN bus:

- Vehicle speed (direct signal in km/h)
- Service disconnect status
- PRNDL (shift lever) position
- Torque converter clutch (TCC)/Cruise Dump signal (gives zero-adjust brake switch position)

The EHPS module shall output the following messages to the CAN bus:

- Brake pedal rate, position, in-range rationality, and out-of-range diagnosis
- EHPS system status
- Diagnostic messages to driver information center (DIC) via hybrid control module (HCM)
- Diagnostic information requested by service technicians via Tech 2 link (class 2 via PCM)
- Steering wheel sensor diagnostic message (in-range, out-of-range failure)

The EHPS module receives several hardwire signals. Digital steering wheel speed signals from the steering wheel sensor mounted on the steering column and an analog brake pedal position signal from the brake-pedal mounted brake pedal position (BPP) sensor.

The steering wheel speed sensor outputs 3 digital signals characterizing the steering wheel position. The digital output consists of 3 open collector output data lines referred to as phase A, phase B, and Index. The normal operating range of the digital signals is plus or minus 720 degrees of steering wheel rotation. Phase A and phase B are 90 degrees out of phase to provide quadrature pulsed data corresponding to steering shaft rotational displacement and direction. The signal is resolved to within 1 mechanical degree of resolution. The index output references a steering wheel mechanical position of 0° plus or minus 10 degrees (steering wheel centered) and is repeated every 360 degrees of steering wheel rotation.

The BPP sensor outputs an analog signal, referenced to 5 volts, which may increase or decrease monotonically with brake pedal depression. The sensor analog output shall have a specified electrical output over a mechanical range of 32 degrees (rotation of the brake pedal pivot). Out-of-range values will

be provided outside of the 32 degrees range. The electrical range of the BPP sensor motion is -55 degrees to +25 degrees. The mechanical range of the BPP sensor is -70 degrees to +40 degrees.

The EHPS module also receives ignition key position signals. These signals are the ignition signal and the accessory signal. The EHPS module receives an ignition input (ignition 1) on the 24-way signal connector. Ignition signal logic is defined as follows:

- When the ignition switch is in the RUN or CRANK positions, then Ignition 1 = high, greater than 6 volts for more than 50 milliseconds.
- When the ignition switch is in the LOCK/OFF or ACCY positions, then Ignition 1 = low, less than 3 volts for more than 0.5 milliseconds.

The EHPS module receives an input from the ignition 0 circuit indicating when the key is in the ACCY position. This input has 2 functions, to provide an independent wake-up signal in the event of loss of the ignition input, and to activate the EHPS module when the key remains in the ACCY position. The ACCY signal logic is defined as follows:

- When the ignition switch is in the ACC or RUN positions, then Ignition 0 = high, greater than 6 volts for more than 50 milliseconds.
- When the ignition switch is in the LOCK/OFF or CRANK positions, the Ignition 0 = low, less than 3 volts for more than 5 milliseconds.

The EHPS module will function normally when the voltage at the EHPS connector is in the range of 34-50 volts. If the supply voltage at the EHPS connector drops below 18 volts for more than 10 ms, the EHPS module shall go into the Standby mode (power stage turned OFF). Once the supply voltage rises above 22 volts again, the power stage shall be turned back ON without a key cycle being required. If the supply voltage drops below 12 volts, the EHPS module drivers shall shut down and a key cycle will be required to reset. The EHPS module shall withstand voltage up to a transient voltage of 58 volts for 400 milliseconds. If the supply voltage exceeds 55 volts, the EHPS module drivers shall shut down and a key cycle will be required to reset.

EHPS system performance may be reduced with power steering fluid temperature change. The temperature range at which full performance is achieved is approximately -20 to +105°C (-4 to +220°F). The EHPS system performance will be affected as follows:

- At approximately less than -40°C (-40°F), the system will be disabled.
- At approximately -40 to -29°C (-40 to -20°F), the hydraulic output power reduction less than 50 percent.
- At approximately -29 to -20°C (-20 to -4°F), the hydraulic output power reduction less than 20 percent.
- At approximately -20 to +105°C (-4 to +221°F), the hydraulic output power is at full performance.
- At approximately 105-135°C (220-275°F), the hydraulic output power reduction less than 20 percent.
- At approximately greater than 135°C (275°F), the system will be disabled.

EHPS system performance may also be reduced with voltage change. The voltage range at which full performance is achieved is approximately 34-50 volts. The EHPS system performance will be affected as follows:

- At approximately less than 18 volts, the EHPS system will be disabled.
- At approximately 18-33 volts, the EHPS system performance is reduced.
- At approximately 34-50 volts, the EHPS module will be at full performance.
- At approximately greater than 55 volts, the EHPS module will be disabled.

Whenever a replacement EHPS powerpack is installed, reprogramming is necessary. If the EHPS powerpack is not programmed, DTC C0564 will be set.

Steering Linkage (Non-Rack and Pinion)

The steering linkage consists of the following components:

- A pitman arm
- An idler arm
- A relay rod
- 2 adjustable tie rods

When you turn the steering wheel, the steering gear rotates the pitman arm which forces the relay rod to one side. The tie rods connect to the relay rod with the ball studs. The tie rods transfer the steering force to the wheels. Use the tie rods in toe adjustments. The tie rods are adjustable. The pitman arm support the relay rod. The idler arm pivots on a support attached to the frame rail and the ball stud attaches to the relay rod.

The 2 tie rod are threaded into the tube and secured with jam nuts. Right and left hand threads are used in order to permit the adjustment of toe.

Steering Wheel and Column

The steering wheel and column has 4 primary functions:

- Vehicle steering
- Vehicle security
- Driver convenience
- Driver safety

Vehicle Steering

The steering wheel is the first link between the driver and the vehicle. The steering wheel is fastened to a steering shaft within the column. At the lower end of the column, the intermediate shaft connects the column to the steering gear.

Vehicle Security

Theft deterrent components are mounted and designed into the steering column. The following components allow the column to be locked in order to minimize theft:

- The ignition switch
- The steering column lock
- The ignition cylinder

Driver Convenience

The steering wheel and column may also have driver controls attached for convenience and comfort. The following controls may be mounted on or near the steering wheel or column.

- The turn signal switch
- The hazard switch
- The headlamp dimmer switch
- The wiper/washer switch
- The horn pad/cruise control switch
- The redundant radio/entertainment system controls
- The tilt or tilt/telescoping functions
- Navigation/OnStar Features
- The HVAC controls

Driver Safety

The energy-absorbing steering column compresses in the event of a front-end collision, which reduces the chance of injury to the driver. The mounting capsules break away from the mounting bracket in the event of an accident.

Rear Wheel Steering Description and Operation

Quadrasteer™ is a 4-wheel steering system that dramatically enhances low speed maneuverability, high speed stability, and towing capability. The system is an electrically powered rear wheel steering system comprised of the following components:

- A steerable, solid hypoid rear axle.
- A steering wheel position sensor located at the base of the steering column.
- A rear wheel position sensor located below the rear wheel steering motor on the rear steering gear.
- An electric motor driven actuator.
- A rear wheel steering control module.
- A combined yaw rate sensor/ lateral accelerometer sensor.
- Three hall effect switches in the motor assembly.
- A mode select switch on the dash.
- A heavy duty wiring harness and fuse .
- A Service 4 Wheel Steer indicator in the IPC.
- A shorting relay in the rear wheel steering gear motor .
- A power relay in the rear wheel steering control module.

Rear Wheel Steering Control Module

The rear wheel steering control module controls all functions of the rear wheel steering system . The module has a dedicated power feed line from the under hood fuse holder. The fuse is a 125 amp mega fuse . The wiring is routed to the rear of the vehicle. The rear wheel steering control module is located above the rear mounted spare tire. The rear wheel steering control module uses the inputs listed above to determine when and how far to turn the rear wheels. The rear wheel steering control module also uses the hall switches in the steering gear motor , shorting relay , and motor control relay to monitor and control the direction and speed the motor operates. The rear wheel control module also controls the duty cycle of the phase leads to the motor . The motor control relay is part of the rear wheel steering control module and is not serviceable . The rear wheel steering control module uses both a class 2 and a discrete vehicle speed sensor signal . The system will not function without a discrete vehicle speed sensor signal . The rear wheel steering control module uses the 2 vehicle speed sensor signals for comparison purposes. The rear wheel steering control module uses inputs from the steering wheel position sensor to determine steering wheel position and rate of change. The rear wheel position sensor signals provide the rear wheel steering control module with rear wheel position data. The rear wheel steering control module will send out a class 2 message to the IPC to turn on and off the amber Service 4-Wheel Steering System Indicator. The rear wheel steering control module controls the indicators in the mode switch on the dash.

The control module allows the vehicle's rear wheels to turn a maximum of 12 degrees left or right. When the vehicle is operated in reverse, the maximum rear wheel steering angle is 5 degrees left or right. When the vehicle is sitting still in the test mode the system will move a maximum of 5 degrees left or right.

Important

The rear wheel steering control module may shut down if the system is operated under very extreme conditions and becomes overheated. The Service 4-Wheel Steer indicator will not be illuminated. Once the temperature decreases back to operating range, the rear wheel steering system will resume normal operation upon the next ignition cycle.

Rear Wheel Steering Mode Switch

The mode switch located on the instrument panel allows the driver the option of selecting 2-wheel steering, 4-wheel steering, or 4-wheel steering tow operation. The mode switch also has indicators that show which mode the rear wheel steering system is in. When all indicators are lit the rear wheel steering control module has lost its memory settings and the scan tool must be used to re-calibrate the rear wheel steering control module. When the indicators are flashing the rear wheel steering control module is waiting for the steering wheel to pass the center position before changing to the selected mode. The indicators on the mode switch are led's, the switch is also back lit.

The system operates in 3 principal modes, as follows:

2-Wheel Steer Mode

Normal steering operation; rear wheel steering is disabled while in this mode.

4-Wheel Steer Mode

The 4-wheel steering mode provides the 3 principal phases of steering: negative phase, neutral phase, and positive phase. In the negative phase the rear wheels turn opposite of the front wheels. In the neutral phase the rear wheels are centered and do not turn in or out. In the positive phase the rear wheels turn the same direction as the front wheels.

4-Wheel Steer Tow Mode

The 4-wheel steer tow mode provides more positive phase steering than the normal 4-wheel steering at high speed. At low speed driving, the 4-wheel steer tow mode provides similar negative phase steering as it does in the normal 4-wheel steering mode.

NOTE: There is also a cross-over speed. This is the speed that the control module transitions from a negative phase to a positive phase status. In 4-Wheel Steer mode, this transition occurs when the vehicle obtains a speed of 65 km/h (40 mph).

The cross over speed in the 4-Wheel Steer tow mode occurs at 40 km/h (25 mph).

Rear Wheel Steering Gear Motor

The rear steering gear motor is a 3 phase, 6 pole brushless, DC motor. The rear wheel steering gear motor is located on the top of the rear steering gear. The motor transmits its power through a planetary gear set inside the rear steering gear. There are 3 hall switches inside the motor, hall A, hall B, and hall C. They are not serviceable. There is a motor phase shorting relay located inside the motor assembly, it is not serviceable. The motor leads are not to be spliced or damaged in any way. If there is damage to the wiring the motor must be replaced. If there is any damage to the wiring it is possible for water to get inside the rear steering gear. The rear wheel steering control module uses the hall switch inputs to monitor motor position, speed, and direction.

Steering Wheel Position Sensor

The steering wheel position sensor inputs to the rear wheel steering control module consists of 3 digital input circuits. The steering wheel position sensor supply voltage is between 4.9-5.1 volts. Phase A and phase B circuits are digital pulse signals whose output represents one degree of steering wheel rotation. When observing the phase A and phase B data parameters on the scan tool, the parameters will not have the same value at the same time. When the steering wheel is rotated, the phase A and phase B data parameters will be shown as high or low on the scan tool. The marker pulse is a digital pulse that is displayed as high on the scan tool for 20 ° only when the steering wheel angle is between -10 and +10 °. The steering wheel position sensor analog signal voltage is at or near 2.5 volts with the wheels at center. Voltage increases/decreases for less than 1 full turn (+/- 225°) then plateaus for remainder of wheel travel.

Rear Wheel Steering Position Sensor

The rear wheel position sensor has 2 signal circuits: position 1 and position 2. Position 1 is a linear measurement of voltage per degree. The voltage range for position 1 is from 0.25 to 4.75 volts, and the

angular measurement range is from - 620° to + 620°. At 0.25 volts the steering wheel has been rotated - 600° past center. At 4.75 volts the steering wheel has been rotated + 600° past center. Position 2 circuit is a linear measurement of voltage per degree. The voltage for position 2 increases or decreases from 0.25 to 4.75 volts every 180°. When the steering wheel is 0° or at center, position 1 and position 2 output signals measure 2.5 volts respectively.

Combined Yaw Rate Sensor / Lateral Accelerometer Sensor

The combined yaw rate sensor / lateral accelerometer sensor is located under the passenger front seat . Yaw rate is a rotational force on a horizontal plane. Lateral acceleration is a measure of forward motion on a horizontal plane . The inputs to the rear wheel steering controller are bias compensated. This compensates for variations in manufacturing, temperature, and mounting. With the vehicle at rest the sensor should have a voltage output on both circuits of approximately 2.5 volts .

Steerable Rear Axle

The steerable rear axle has a rack and pinion mounted to the differential cover, and half shafts with upper and lower ball joints on movable hub and bearings assemblies . The rack is part of the differential cover. If a system malfunction occurs the rear wheels are moved back to center via an internal spring. The rack has redundant inner and outer tie rods ends . There are inner tie rod boots on the rack to prevent water and dirt from getting inside. Long term exposure to moisture due to a damaged boot or components can result in an internal malfunction. The rear wheel steering gear has the rear wheel steering gear motor attached to the upper rack . There are shields and a skid plate type shield on the rear axle assembly to protect the steering gear. There are no internal adjustments to the rack . It is mandatory to preform a 4 wheel alignment if any hard parts , such as tie rods or ball joints or wheel bearings are serviced . The axle assembly is a heavier duty version of the standard rear axle on a non rear wheel steer truck . You must consult the owners manual and the trailer towing guide for specific towing capacities . The carrier contains 9.74 inch ring and pinon gear set. The quarter shafts are a special heavy duty design with up to 15° of movement and a special designed CV joint and boot at the wheel end of the axle.

Suspension Description and Operation

Front Suspension

Coil Spring

The front suspension has 2 primary purposes:

- Isolate the driver from irregularities in the road surface.
- Define the ride and handling characteristics of the vehicle.

The front suspension absorbs the impact of the tires travelling over irregular road surfaces and dissipates this energy throughout the suspension system. This process isolates the vehicle occupants from the road surface. The rate at which the suspension dissipates the energy and the amount of energy that is absorbed is how the suspension defines the vehicle's ride characteristics. Ride characteristics are designed into the suspension system and are not adjustable. The ride characteristics are mentioned in this description in order to aid in the understanding of the functions of the suspension system. The suspension system must allow for the vertical movement of the tire and wheel assembly as the vehicle travels over irregular road surfaces while maintaining the tire's horizontal relationship to the road.

This requires that the steering knuckle be suspended between an upper and a lower control arm. The lower control arm attaches from the steering Knuckle at the outermost point of the control arm. The attachment is through a ball and socket type joint. The innermost end of the control arm attached at 2 points to the vehicle frame, through semi-rigid bushings. The upper control arm attaches to the frame in the same fashion. Between the lower control arm and a spring seat on the vehicle's frame, under tension, is a coil spring.

This up and down motion of the steering knuckle as the vehicle travels over bumps is absorbed predominantly by the coil spring. The vertical movement of the steering knuckle as the vehicle travels over irregular road surfaces will tend to compress the spring and spring tension will lead the spring to return to the original, at-rest state. This action isolates the vehicle from the road surface. The upper and

lower control arms are allowed to pivot at the vehicle frame in a vertical fashion. The ball joint allows the steering knuckle to maintain the perpendicular relationship to the road surface.

A shock absorber is used in conjunction with this system in order to dampen out the oscillations of the coil spring. A shock absorber is a basic hydraulic cylinder. The shock is filled with oil and has a moveable shaft that connects to a piston inside the shock absorber. Valves inside the shock absorber offer resistance to oil flow and consequently inhibit rapid movement of the piston and shaft. Each end of the shock absorber is connected in such a fashion to utilize this recoil action of a spring alone.

Front suspensions systems utilize a stabilizer shaft. The stabilizer bar connects between the left and right lower control arm assemblies through the stabilizer link and stabilizer shaft insulators. This bar controls the amount of independent movement of the suspension when the vehicle turns. Limiting the independent movement defines the vehicle's handling characteristics on turns.

Torsion Bar

The front suspension has 2 primary purposes:

- Isolate the driver from irregularities in the road surface.
- Define the ride and handling characteristics of the vehicle.

The front suspension absorbs the impact of the tires travelling over irregular road surfaces and dissipates this energy throughout the suspension system. This process isolates the vehicle occupants from the road surface. The rate at which the suspension dissipates the energy and the amount of energy that is absorbed is how the suspension defines the vehicle's ride characteristics. Ride characteristics are designed into the suspension system and are not adjustable. The ride characteristics are mentioned in this description in order to aid in the understanding of the functions of the suspension system. The suspension system must allow for the vertical movement of the tire and wheel assembly as the vehicle travels over irregular road surfaces while maintaining the tire's horizontal relationship to the road.

This requires that the steering knuckle be suspended between an upper and a lower control arm. The lower control arm attaches from the steering knuckle at the outermost point of the control arm. The attachment is through a ball and socket type joint. The innermost end of the control arm is attached at 2 points to the vehicle frame through semi-rigid bushings. The upper control arm attaches to the frame in the same fashion. Attached to the lower control arm is a torsion bar. Torsion bars are steel or steel composite shaft that connects from the lower control arm an adjustable mount at the torsion bar crossmember. The torsion bar functions as a spring in this suspension system. The torsion bar absorbs energy from irregular road surfaces by twisting force along the center axis. The torsion bar has a resistance to this twisting motion and will return to the original, at-rest position similar to that of a spring.

A shock absorber is used in conjunction with this system in order to dampen out the oscillations of the torsion bar. A shock absorber is a basic hydraulic cylinder. The shock is filled with oil and has a moveable shaft that connects to a piston inside the shock absorber. Valves inside the shock absorber offer resistance to oil flow and consequently offer resistance to rapid movement of the piston and shaft. Each end of the shock absorber is connected in such a fashion in order to utilize this recoil action of a torsion bar alone.

Front suspension systems utilize a stabilizer shaft. The stabilizer bar connects between the left and right lower control arm assemblies through the stabilizer link and stabilizer shaft insulators. This bar controls the amount of independent movement of the suspension when the vehicle turns. Limiting the independent movement defines the vehicle's handling characteristics on turns.

Rear Suspension

These vehicles use a leaf spring and a solid rear axle suspension system.

The rear axle assembly is attached to multi-leaf springs with U-bolts. The front ends of the springs are attached to the frame at the front hangers with rubber bushings. The rear ends of the springs are attached to the frame with shackles that use rubber bushings. Shackles allow the springs to change position while the vehicle is in motion.

Two direct double-acting shock absorbers provide ride control. The shock absorbers are angle-mounted between the frame. The shock absorbers are attached with brackets. The brackets are attached to the anchor plate.

The rear spring steel stabilizing shaft helps minimize body roll and sway during cornering. The rear stabilizer shaft is connected to the rear axle and the frame with the following components:

- The rubber insulators
- The clamps
- The link assemblies

Selectable Ride Description and Operation

The selectable ride (SR) suspension system allows the driver to choose between 2 distinct damping levels, firm and normal.

The SR dampers are gas charged units which provide damping by forcing hydraulic fluid through internal orifices within each shock in order to resist suspension movement. Each shock contains an internal solenoid actuator that the SR switch controls. This solenoid actuator controls the size of the orifice that the hydraulic fluid is forced through, thus altering the ride characteristics of the vehicle.

Wheels and Tires

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Spare Tire Hoist Retaining Bolt	40 N·m	30 lb ft
Wheel Nuts	190 N·m	140 lb ft

General Description

The factory installed tires are designed to operate satisfactorily with loads up to and including the full rated load capacity when these tires are inflated to the recommended pressures.

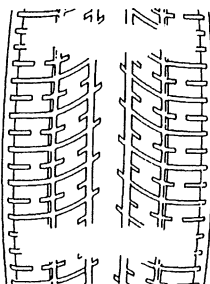
The following factors have an important influence on tire life:

- Correct tire pressures
- Correct wheel alignment
- Proper driving techniques
- Tire rotation

The following factors increase tire wear:

- Heavy cornering
- Excessively rapid acceleration
- Heavy braking

Tread Wear Indicators Description



The original equipment tires have tread wear indicators that show when you should replace the tires.

The location of these indicators are at 72 degree intervals around the outer diameter of the tire. The indicators appear as a 6 mm (0.25 in) wide band when the tire tread depth becomes 1.6 mm (2/32 in).

Metric Wheel Nuts and Bolts Description

Metric wheel/nuts and bolts are identified in the following way:

- The wheel/nut has the word Metric stamped on the face.
- The letter M is stamped on the end of the wheel bolt.

The thread sizes of metric wheel/nuts and the bolts are indicated by the following example: M12 x 1.5.

- M = Metric
- 12 = Diameter in millimeters
- 1.5 = Millimeters gap per thread

Tire Inflation Description

When you inflate the tires to the recommended inflation pressures, the factory-installed wheels and tires are designed in order to handle loads to the tire's rated load capacity. Incorrect tire pressures, or under-inflated tires, can cause the following conditions:

- Vehicle handling concerns
- Poor fuel economy
- Shortened tire life
- Tire overloading

Inspect the tire pressure when the following conditions apply:

- The vehicle has been sitting at least 3 hours.
- The vehicle has not been driven for more than 1.6 km (1 mi).
- The tires are cool.

Inspect the tires monthly or before any extended trip. Adjust the tire pressure to the specifications on the tire label. Install the valve caps or the extensions on the valves. The caps or the extensions keep out dust and water.

The kilopascal (kPa) is the metric term for pressure. The tire pressure may be printed in both kilopascal (kPa) and psi. One psi equals 6.9 kPa.

Inflation Pressure Conversion (Kilopascals to PSI)

kPa	psi	kPa	psi
140	20	215	31
145	21	220	32
155	22	230	33
160	23	235	34
165	24	240	35
170	25	250	36
180	26	275	40
185	27	310	45
190	28	345	50
200	29	380	55
205	30	415	60
Conversion: 6.9 kPa = 1 psi			

Tires with a higher than recommended pressure can cause the following conditions:

- A hard ride
- Tire bruising
- Rapid tread wear at the center of the tire

Tires with a lower than recommended pressure can cause the following conditions:

- A tire squeal on turns
- Hard steering
- Rapid wear and uneven wear on the edge of the tread
- Tire rim bruises and tire rim rupture
- Tire cord breakage
- High tire temperatures
- Reduced vehicle handling
- High fuel consumption
- Soft riding

Unequal pressure on the same axle can cause the following conditions:

- Uneven braking
- Steering lead
- Reduced vehicle handling

Tire Description

Caution

Do not mix different types of tires on the same vehicle such as radial, bias, and bias-belted tires except in emergencies because vehicle handling may be seriously affected and may result in loss of control and possible serious injury.

This vehicle is equipped with speed rated tires. Listed below are the common speed rating symbols and the corresponding maximum speeds:

Speed Symbol	Maximum Speed (km/h)	Maximum Speed (mp/h)
S	180	112
T	190	118
U	200	124
H	210	130
V	240	149
Z	Over 240	Over 149

A Tire Performance Criteria (TPC) specification number is molded in the sidewall near the tire size of all original equipment tires. Usually, a specific TPC number is assigned to each tire size. The TPC specification number assures that the tire meets the following GM's performance standards.

- Meets the standards for traction.
- Meets the standards for endurance.
- Meets the standards for dimension.
- Meets the standards for noise.
- Meets the standards for handling.
- Meets the standards for rolling resistance, and others.

The following is required of replacement tires:

- Replacement tires must be of the same size as the original tires.
- Replacement tires must be of the same speed rating as the original tires.
- Replacement tires must be of the same load index as the original tires.
- Replacement tires must be of the same construction as the original tires.
- Replacement tires must have the same TPC specification number as the original tires.

The following may seriously be affected by the use of any other tire size, tire speed rating or tire type:

- May seriously affect the ride.
- May seriously affect the handling.

- May seriously affect the speedometer/odometer calibration.
- May seriously affect the antilock brake system.
- May seriously affect the vehicle ground clearance.
- May seriously affect the trailering capacity.
- May seriously affect the tire clearance to the body.
- May seriously affect the tire clearance to the chassis.

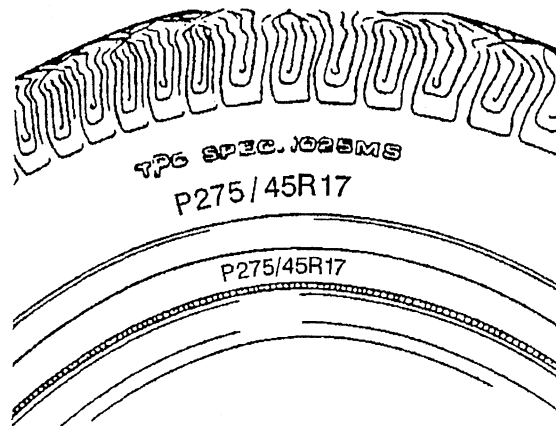
Conditions for Tire Replacement

Replace the tires when one and/or all of the following conditions are evident:

- When the tire(s) is worn to a point where 1.6 mm (2/32 in) or less of tread remains. The tires have built in tread wear indicators that appear between the tread grooves when the tread is worn to 1.6 mm (2/32 in) or less to help in the detection of this condition. Replace the tire when the indicators appear in two or more adjacent grooves at three spots around the tire.
- When the following conditions are evident on the tread:
 - When the tread is cracked.
 - When the tread is cut.
 - When the tread is snagged deeply enough to expose the cord.
 - When the tread is snagged deeply enough to expose the fabric.
 - When the sidewall is snagged deeply enough to expose the cord.
 - When the sidewall is snagged deeply enough to expose the fabric.
- When the following conditions are evident on the tire:
 - When the tire has a bump.
 - When the tire has a bulge (protrusion).
 - When the tire is split.
 - Please note that slight sidewall indentations are normal in radial tires.
- When the following damage is evident on the tire and the damage cannot be correctly repaired because of the size or the location of the damage:
 - When the tire has a puncture.
 - When the tire is cut, or other damage.

Always install new tires in pairs on the same axle. In the event that only one tire is replaced, then pair with the tire having the most tread.

All Seasons Tires Description

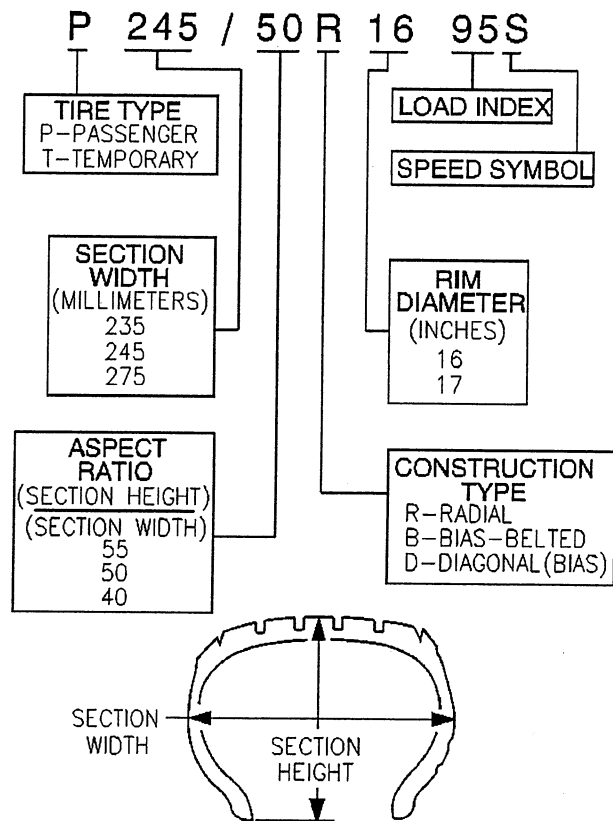


Most GM vehicles are equipped with steel belted all-season radial tires as standard equipment. These tires qualify as snow tires, with a higher than average rating for snow traction than the non-all season

radial tires previously used. Other performance areas, such as wet traction, rolling resistance, tread life, and air retention, are also improved. This is done by improvements in both tread design and tread compounds. These tires are identified by an M + S molded in the tire side wall after the tire size. The suffix MS is also molded in the tire side wall after the TPC specification number.

The optional handling tires used on some vehicles now also have the MS marking after the tire size and the TPC specification number.

P-Metric Sized Tires Description



Most P-metric tire sizes do not have exact corresponding alphanumeric tire sizes. Replacement tires should be of the same tire performance criteria (TPC) specification number including the same size, the same load range, and the same construction as those originally installed on the vehicle. Consult a tire dealer if you must replace the P-metric tire with other sizes. Tire companies can best recommend the closest match of alphanumeric to P-metric sizes within their own tire lines.

Driveline System Description and Operation

Driveline/Axle – Propeller Shaft

The Propeller Shaft is a tube with universal joints at both ends which do not require periodic maintenance, that transmit power from the transmission output shaft to the differential.

Front Propeller Shaft Description

The front propeller shaft transmits rotating force from the transfer case to the front differential when the transfer case is engaged. The front propeller shaft connects to the transfer case using a splined slip joint.

One Piece Propeller Shaft Description

A 1 piece propeller shaft uses a splined slip joint to connect the driveline to the transmission or transfer case.

Two Piece Propeller Shaft Description

There are three universal joints used on the two piece propeller shaft. A center bearing assembly is used to support the propeller shaft connection point, and help isolate the vehicle from vibration.

Propeller Shaft Phasing Description

The driveline components in this vehicle have been system balanced at the factory. System balance provides for a smoother running driveline. These components include the propeller shafts, drive axles, pinion shafts and output shafts. Affixed to the rear axle is a system balanced driveline notice indicating that the driveline components have been factory tested. The propeller shaft is designed and built with the yoke lugs/ears in line with each other. This produces the smoothest running shaft possible. A propeller shaft designed with built in yoke lugs in line is known as in -- phase. An out of phase propeller shaft often causes vibration. The propeller shaft generates vibration from speeding up and slowing down each time the universal joint goes around. The vibration is the same as a person snapping a rope and watching the wave reaction flow to the end. An in phase propeller shaft is similar to 2 persons snapping a rope at the same time and watching the waves meet and cancel each other out. A total cancellation of vibration produces a smooth flow of power in the drive line. All splined shaft slip yokes are keyed in order to ensure proper phasing.

Universal Joint Description

The universal joint is connected to the propeller shaft. The universal consist of 4 caps with needle bearings and grease seals mounted on the trunnions of a cross or spider. These bearings and caps are greased at the factory and no periodic maintenance is required. There are 2 universal joints used in a one piece propeller shaft and 3 used in two piece propeller shaft. The bearings and caps are pressed into the yokes and held in place with snap rings, except for 2 bearings on some models witch are strapped onto the pinion flange of the differential. Universal joints are designed to handle the effects of various loads and rear axle windup conditions during acceleration and braking. The universal joint operates efficiently and safely within the designed angle variations. when the design angles are exceeded, the operational life of the joint decreases.

Center Bearing Description

Center bearings support the driveline when using 2 or more propeller shafts. The center bearing is a ball bearing mounted in a rubber cushion that attaches to a frame crossmember. The manufacturer prelubricates and seals the bearing. The cushion allows vertical motion at the driveline and helps isolate the vehicle from vibration.

Wheel Drive Shafts Description and Operation

Front Wheel Drive Shafts are flexible assemblies which consist of the following components:

- Front wheel drive shaft constant velocity joint outer joint.
- Front wheel drive shaft tri-pot joint inner joint.
- The front wheel drive shaft connects the front wheel drive shaft tri-pot joint and the front wheel drive shaft constant velocity joint.
- Wheel Drive Shaft Seal Cover 15 Series
- The front wheel drive shaft tri-pot joint is completely flexible, and moves with an in and out motion.
- The front wheel drive shaft constant velocity joint is flexible but can not move in and out.

The Wheel Drive Shaft is a balanced shaft that transmits rotational force from the front differential to the front wheels when the transfer case is engaged. The wheel drive shaft is mounted to the front differential by bolting the flange of the wheel drive shaft to the flange on the inner output shaft of the front differential. The other end of the wheel drive shaft is splined to fit into and drive the hub assembly when the transfer case is engaged. The tri-pot joint and constant velocity joint on the wheel drive shaft allows the shaft to be flexible to move with the suspension travel of the vehicle.

Front Drive Axle Description and Operation

Selectable Four Wheel Drive (S4WD) Front Axle Description and Operation

The Selectable Four Wheel Drive (S4WD) Front Axle consist of the following components:

- Differential Carrier Housing
- Differential Assembly
- Output Shafts (Left and Right Side)
- Inner Axle Shaft Housing
- Inner Axle Shaft (Right Side)
- Clutch Fork
- Clutch Fork Sleeve
- Electric Motor Actuator

The front axle on Selectable Four Wheel Drive model vehicles uses a central disconnect feature in order to engage and disengage the front axle. When the driver engages the 4WD system, the Transfer Case Control Module sends a signal to the electric motor actuator to energize and extend the plunger inside. The extended plunger moves the clutch fork and clutch fork sleeve across the inner axle shaft and the clutch fork shaft and locks the two shafts together. The locking of the two shafts allows the axle to operate in the same manner as a semi-floating rear axle. A propeller shaft connects the transfer case to the front axle. The differential carrier assembly uses a conventional ring and pinion gear set to transmit the driving force of the engine to the wheels. The open differential allows the wheels to turn at different rates of speed while the axle continues to transmit the driving force. This prevents tire scuffing when going around corners and premature wear on internal axle parts. The ring and pinion set and the differential are contained within the carrier. The axle identification number is located on top of the differential carrier assembly or on a label on the bottom of the right half of differential carrier assembly. The drive axles are completely flexible assemblies consisting of inner and outer constant velocity CV joints protected by thermoplastic boots and connected by a wheel drive shaft.

Full-Time Four Wheel Drive (F4WD) Front Axle Description and Operation

The Full-Time Four Wheel Drive (F4WD) Front Axle consist of the following components:

- Differential Carrier Housing
- Differential Assembly
- Output Shaft (Left Side)
- Inner Axle Shaft Housing
- Inner Axle Shaft (Right Side)

The front axle on Full-Time Four Wheel Drive model vehicles does not have a central disconnect feature in order to engage and disengage the front axle. The left and right axle shafts are connected directly to the differential case assembly. This allows the axle shafts and the propeller shaft to spin continuously. The transfer case controls the amount of torque applied to the front axle. The remaining components are the same as the selectable four wheel drive axle.

Rear Drive Axle Description and Operation

Rear Axles for this vehicle consist of the following components:

- Differential Axle Housing
- Differential Carrier
- Right and left Axle tubes
- Right and left axle shafts

These axles are either Full-Floating or Semi-Floating. These axles can be identified as follows: The Semi-Floating Axle has axle shafts with C-Clips inside the differential carrier on the inner ends of the axle shafts. The Full-Floating Axle has bolts at the hub retaining the axle shafts to the hub assembly. The axles can be identified by the stamping on the right side axle tube. They may also be identified by the ring gear size. The ring gear sizes include 8.60, 9.50, 9.75, 10.50 and 11.50 inch axles. The limited slip/locking differential information for these rear axles can be located in the limited slip/locking differential section.

A open differential has a set of four gears. Two are side gears and two are pinion gears. Some differentials have more than two pinion gears. Each side gear is splined to an axle shaft so each axle shaft ; so each axle shaft turns when it's side gear rotates. The pinion gears are mounted on a differential pinion shaft, and the gears are free to rotate on this shaft. The pinion shaft is fitted into a bore in the differential case and is at right angles to the axle shafts. Power is transmitted through the differential as follows: the drive pinion rotates the ring gear. The ring gear being bolted to the differential case, rotates the case. The differential pinion, as it rotates the case, forces the pinion gears against the side gears. When both wheels have equal traction, the pinion gears do not rotate on the pinion shaft because of input force on the pinion gear is equally divided between the two side gears. Therefore, the pinion gears revolve with the pinion shaft, but do not rotate around the shaft itself. The side gears, being splined to the axle shafts and in mesh with the pinion gears rotate the axle shafts. If a vehicle were always driven in a straight line, the ring and pinion gears would be sufficient. The axle shaft could be solidly attached to the ring gear and both driving wheels would turn at equal speed. However, if it became necessary to turn a corner, the tires would scuff and slide because the differential allows the axle shafts to rotate at different speeds. When the vehicle turns a corner, the inner wheel turns slower than the out wheel and slows it's rear axle side gear (as the shaft is splined to the side gear). the rear axle pinion gears will roll around the slowed rear axle side gear, driving the rear axle side gear wheel faster.

Locking/Limited Slip Rear Axle Description and Operation

The locking differential consists of the following components:

- Differential case - 1 or 2 piece
- Locking differential spider - 2 piece case only
- Pinion gear shaft - 1 piece case only
- Differential pinion gear shaft lock bolt - 1 piece case only
- 2 clutch discs sets
- Locking differential side gear
- Thrust block
- Locking differential clutch disc guides
- Differential side gear shim
- Locking differential clutch disc thrust washer
- Locking differential governor
- Latching bracket
- Cam plate assembly

- Differential pinion gears
- Differential pinion gear thrust washers

The optional locking differential (RPO G80) enhances the traction capability of the rear axle by combining the characteristics of a limited-slip differential and the ability of the axle shafts to "lock" together when uneven traction surfaces exist. The differential accomplishes this in 2 ways. First by having a series of clutch plates at each side of the differential case to limit the amount of slippage between each wheel. Second, by using a mechanical locking mechanism to stop the rotation of the right differential side gear, or the left differential side gear on the 10.5 inch axle, in order to transfer the rotating torque of the wheel without traction to the wheel with traction. Each of these functions occur under different conditions.

Limited-Slip Function

Under normal conditions, when the differential is not locked, a small amount of limited-slip action occurs. The gear separating force developed in the right-hand (left-hand side on 10.5 inch axle) clutch pack is primarily responsible for this.

The operation of how the limited-slip function of the unit works can be explained when the vehicle makes a right-hand turn. Since the left wheel travels farther than the right wheel, it must rotate faster than the ring gear and differential case assembly. This results in the left axle and left side gear rotating faster than the differential case. The faster rotation of the left-side gear causes the pinion gears to rotate on the pinion shaft. This causes the right-side gear to rotate slower than the differential case.

Although the side gear spreading force produced by the pinion gears compresses the clutch packs, primarily the right side, the friction between the tires and the road surface is sufficient to overcome the friction of the clutch packs. This prevents the side gears from being held to the differential case.

Locking Function

Locking action occurs through the use of some special parts:

- A governor mechanism with 2 flyweights
- A latching bracket
- The left side cam plate and cam side gear

When the wheel-to-wheel speed difference is 100 RPM or more, the flyweights of the governor will fling out and one of them will contact an edge of the latching bracket. This happens because the left cam side gear and cam plate are rotating at a speed different, either slower or faster, than that of the ring gear and differential case assembly. The cam plate has teeth on its outer diameter surface in mesh with teeth on the shaft of the governor.

As the side gear rotates at a speed different than that of the differential case, the shaft of the governor rotates with enough speed to force the flyweights outward against spring tension. One of the flyweights catches its edge on the closest edge of the latching bracket, which is stationary in the differential case. This latching process triggers a chain of events.

When the governor latches, it stops rotating. A small friction clutch inside the governor allows rotation, with resistance, of the governor shaft while one flyweight is held to the differential case through the latching bracket. The purpose of the governor's latching action is to slow the rotation of the cam plate as compared to the cam side gear. This will cause the cam plate to move out of its detent position.

The cam plate normally is held in its detent position by a small wave spring and detent humps resting in matching notches of the cam side gear. At this point, the ramps of the cam plate ride up on the ramps of the cam side gear, and the cam plate compresses the left clutch pack with a self-energizing action.

As the left clutch pack is compressed, it pushes the cam plate and cam side gear slightly toward the right side of the differential case. This movement of the cam side gear pushes the thrust block which compresses the right-hand side gear clutch pack.

At this point, the force of the self-energizing clutches and the side gear separating force combine to hold the side gears to the differential case in the locking stage.

The entire locking process occurs in less than 1 second. The process works with either the left or right wheel spinning, due to the design of the governor and cam mechanism. A torque reversal of any kind will unlatch the governor, causing the cam plate to ride back down to its detent position. Cornering or deceleration during a transmission shift will cause a torque reversal of this type. The differential unit returns to its limited-slip function.

The self-energizing process would not occur if it were not for the action of one of the left clutch discs. This energizing disc provides the holding force of the ramping action to occur. It is the only disc which is splined to the cam plate itself. The other splined discs fit on the cam side gear.

If the rotating speed of the ring gear and differential case assembly is high enough, the latching bracket will pivot due to centrifugal force. This will move the flyweights so that no locking is permitted. During vehicle driving, this happens at approximately 32 km/h (20 mph) and continues at faster speeds.

When comparing the effectiveness of the locking differential, in terms of percent-of-grade capability to open and limited-slip units, the locking differential has nearly 3 times the potential of the limited-slip unit under the same conditions.

Locking Differential Torque-Limiting Disc

The locking differential design was modified in mid-1986 to include a load-limiting feature to reduce the chance of breaking an axle shaft under abusive driving conditions. The number of tangs on the energizing disc in the left-hand clutch pack was reduced allowing these tangs to shear in the event of a high-torque engagement of the differential locking mechanism.

At the time of failure of the load-limiting disc, there will be a loud bang in the rear axle and the differential will operate as a standard differential with some limited-slip action of the clutch packs at low torques.

The service procedure, when the disc tangs shear, involves replacing the left-hand clutch plates and the wave spring. It is also necessary to examine the axle shafts for twisting because at high torques it is possible to not only shear the load-limiting disc, but to also twist the axle shafts.

Transfer Case - NVG 149-NP3 (One Speed Automatic)

The NVG 149 RPO NP3 is a single speed, single mode transfer case. The mode is full-time all wheel drive. It has a planetary differential gear set that splits the torque, normally 38 percent to the front wheels and 62 percent to the rear wheels.

The NVG 149 utilizes magnesium housings. Proper fasteners, brackets, and fill/drain plugs must be used to prevent galvanic corrosion. The planetary differential uses the carrier as the input. The annulus gear connects to the rear output shaft and rear wheels. The sun gear connects to the front output shaft and front wheels through the chain and sprockets. The viscous coupling consists of a sealed housing filled with a high viscosity silicone fluid and thin steel plates alternately splined to the inner and outer drum. The inner drum is connected to the input shaft, and the outer drum to the sun gear. Whenever there is a speed difference between the front and rear wheels, the inner and outer plates of the viscous coupling spin relative to each other and the silicone fluid provides resistance. The resistance was tuned to be high enough to bias power quickly to the wheels with traction, and low enough to prevent binding in a tight turn on dry surfaces. This is the most common way the viscous coupling is activated, the shear mode. If the speed difference is high, the coupling can lock or hump. This "hump" occurs when the heat generated, expands the fluid inside the housing, changing the fluid dynamics between the plates. This results in pressure between the plates, forcing them into contact with each other, similar to a clutch pack. In the hump mode, the coupling can bias torque 100 percent to one axle, if required. Situations requiring this are extreme such as backing up a steep gravel grade or climbing over off-road obstacles. The viscous coupling is not serviceable; it must be replaced if defective. This is because each viscous coupling is calibrated for optimum vehicle performance for both the shear and hump modes. If the viscous coupling is in the "hump" mode too long, severe damage will occur. To prevent damage to the viscous coupling, DO NOT:

- Tow with only two wheels down
- Drive without one propshaft
- Drive with a "donut" spare tire for an extended period of time

Transfer Case - NVG 261-NP2 (Two Speed Manual)

The New Venture Gear (NVG) 261, RPO NP2 transfer case is a two-speed, part-time with "mode shift-on-the-fly" capability. It has a chain driven front output shaft and an epicyclical low range planetary arrangement. The NVG 261 transfer case features a four position shift lever control located in the vehicle floor plan. As required, the operator can select 4HI position from 2HI "on-the-fly," as described in the owners manual. A dash 4WD lamp will continue flashing during shifting, until all criteria have been met and the new mode/range position has been reached. Once the new mode/range position is fully engaged and the front axle disconnect locks in, the dash light 4WD indicator lamp will remain ON constantly. Range shifting functions similarly, although it should be limited to speeds 8 km/h (5 mph) or less.

The four manual mode, or range gear positions, of the NVG 261 transfer case are:

- 2HI - 2 wheel drive high range
- 4HI - 4 wheel drive high range, part-time
- 4LO - 4 wheel drive low range, 2.72:1 gear ratio reduction
- N - Neutral, 4 wheel

When the ignition switch is placed in the run position and the 4WD shift lever is in the 4WD position, the transfer case switch closes, supplying a ground to the axle actuator control circuit. With the ground applied, the logic of the front axle actuator actuates a DC motor to engage the front axle and supply voltage to the axle switch signal circuit. The axle switch signal circuit notifies the powertrain control module (PCM) and the Anti-Lock Brake System that the vehicle is in the 4WD mode. The 4WD indicator is commanded on via a Class 2 serial data signal from the PCM. When the 4WD shift lever is in the 4WD low range position, the transfer case switch closes and supplies a ground on the 4WD low signal circuit. This informs the PCM that the vehicle transfer case is in low range. When the vehicle is in low range, the PCM changes the shift pattern of the automatic transmission.

During normal driving situations, the transfer case can operate in the 2WD mode. The driver may choose to select any of the mode/range gear positions while driving the vehicle. However, the transfer case should not be shifted into or out of 4LO unless the following criteria have been met:

- The automatic transmission is in neutral or the clutch pedal is depressed.
- The vehicle speed is less than 3 mph (5 km/h).

This transfer case also has a neutral position. A shift to the neutral position allows the vehicle to be towed without rotating the transmission output shaft. In the neutral position, the rear propeller shaft will rotate the transfer case rear output shaft, in turn rotating the oil pump, providing constant lubrication during towing. Note, this neutral position is a 4WD neutral, meaning the front and rear outputs of the transfer case are engaged as though in 4HI. With a disconnecting front axle, there is no power flow to the front wheels, allowing towing with the front wheels off the ground or flat towing without driveline binding. Again, the transfer case should not be shifted into or out of neutral unless the following criteria have been met:

- The automatic transmission is in neutral or the clutch pedal is depressed.
- The vehicle speed is less than 3 mph (5 km/h).

The NVG 261 transfer case is available in 5 variations, depending on the engine and transmission configurations. The variations allow the transfer case to handle different torque loads. When servicing the transfer case it is important to understand which variation is being serviced because of the difference in parts.

There are some product improvement changes being released during the model year. The early production transfer case has a separate cup plug and a needle bearing in the input gear. The later production transfer case has a new input gear and uses a cup plug style bearing. The oil pump on the LD, HD1, and HD2 version is being changed to be the same as the SHD version. This oil pump change also includes a new rear output shaft. When servicing an early release model, only the later release parts will be available.

NVG 261 Variations

Model	Trans	Input Gear	Output Shaft	Chain Size	Hi/Low Planetary	Application
Light Duty (LD)	M30 - 4L60E	27T Spline	32T Spline	3/8 X 1.25 in	3 Pinion	K1
Light Duty (LD)	MG5 - NV 3500	32T Spline	32T Spline	3/8 X 1.25 in	3 Pinion	K1
Heavy Duty 1 (HD1)	MT1 - 4L80E MW3 - NV 4500	32T Spline	32T Spline	3/8 X 1.5 in	6 Pinion	K2 Non Heavy Duty
Heavy Duty 2 (HD2)	MT1 - 4L80E MW3 - NV 4500	32T Spline	32T Spline	7/16 X 1.5 in	6 Pinion	K2 Heavy Duty
Super Heavy Duty (SHD)	ML6 - ZF S6-650 M74 - Allison	29T Spline	31T Spline	7/16 X 1.5 in	6 Pinion	K3

The SHD model shares many of the same components, but the increased torque capacity of the SHD requires a double row input bearing and larger diameter rear output shaft, rear output shaft bearing higher capacity, larger rear seal and case halves machined differently.

Transfer Case - NVG 263-NP1 (Two Speed Selectable)

The NVG 263 transfer case features a three button shift control switch located on the instrument panel. When the ignition is in the RUN position, the transfer case shift control module (TCCM) starts monitoring the transfer case shift control switch to determine if the driver desires a new mode/gear position. At a single press of the transfer case shift control switch, the lamp of the new desired position begins flashing to inform the driver that the TCCM has received the request for a new mode/gear position. The lamp continues to flash until all shifting criteria has been met and the new mode/gear position has been engaged. Once the new mode/gear position is fully active, the switch indicator for the new position remains ON constantly. In the event that the TCCM can not or will not complete the shift, the indicator returns to the previously selected position; this is a Transfer Case Shift Control Switch Indicator Flashes, then Returns to Previous Mode condition.

The NVG 263 transfer case provides the driver with 4 manual mode/gear positions:

- 2HI - 2 Wheel Drive high range
- 4HI - 4 Wheel Drive high range
- 4LO - 4 Wheel Drive low range
- NEUTRAL

The driver may choose to select any of these mode/gear positions while driving the vehicle. However, the transfer case will not allow a shift into or out of 4LO unless the following criteria has been met:

- The ignition switch is in RUN.
- The automatic transmission is in PARK or NEUTRAL - clutch depressed on manual transmissions.
- The vehicle speed is below 5 km/h (3 mph).

This transfer case also has a NEUTRAL position. A shift to the NEUTRAL position allows the vehicle to be towed without the rear axle rotating the transmission output shaft. NEUTRAL position may be obtained only if the following criteria has been met:

- The ignition switch is in RUN.
- The automatic transmission is in PARK or NEUTRAL - clutch depressed on manual transmissions.
- The vehicle speed is below 5 km/h (3 mph).
- The transfer case is in 2HI mode.

Once these conditions have been met, press and hold both the 2HI and 4LO buttons for 10 seconds. When the system completes the shift to NEUTRAL, the red NEUTRAL lamp illuminates.

A shift to the NEUTRAL position allows the vehicle to be towed without rotating the transmission output shaft. In the NEUTRAL position, the rear propeller shaft rotates the transfer case rear output shaft, in turn rotating the oil pump, thus providing constant lubrication during towing. This NEUTRAL position is a 4WD NEUTRAL, meaning the front and rear outputs of the transfer case are engaged as though in 4HI. With a disengaged front axle, there is no power flow to the front wheels, thus allowing towing with the front wheels off the ground or flat towing without driveline binding.

The NVG 263 transfer case is available in 2 variations, depending on the engine and transmission configurations. The variations allow the transfer case to handle different torque loads. When servicing the transfer case, it is important to understand which variation is being serviced because of the difference in parts.

NVG 263 Variations

Model	Trans	Input Gear	Output Shaft	Chain Size	Hi/Low Planetary	Application
Heavy Duty (HD)	MT1 - 4L80E MN8 - 4L80E HD	32T Spline	32T Spline	7/16 X 1.5 in	6 Pinion	K2, K3
Super Heavy Duty (SHD)	M74 - Allison	29T Spline	31T Spline	7/16 X 1.5 in	6 Pinion	K2, K3

The HD and the SHD model share many of the same components, but the increased torque capacity of the SHD requires a double row input bearing, larger diameter rear output shaft, rear output shaft bearing higher capacity, larger rear seal and case halves machined differently.

Transfer Case - NVG 246-NP8 (Two Speed Automatic)

The New Venture Gear model NVG 246 RPO NP8 transfer case is a two speed automatic, active, transfer case. The NVG 246 transfer case has many changes from prior years. The NVG 246 is now classified as an Electronic Architect Upgrade (EAU). The upgrades to the NVG 246 EAU include some of the following internal changes:

- A new encoder motor for faster operation in the AWD mode.
- The control actuator lever (3) is a new design with different cam angles.
- The shift detent plunger and spring is no longer used.
- The clutch assembly (1) uses a new style return spring and clutch washer.
- A new rear output shaft (2) no longer uses a retaining ring by the oil pump.
- The range shift fork (4) is a newer design.

The NVG 246 EAU provides 5 modes, Auto 4WD, 4HI, 4LO, 2HI and Neutral. The Auto 4WD position allows the capability of an active transfer case, which provides the benefits of on-demand torque biasing wet clutch and easy vehicle tuning through software calibrations. The software calibrations allow more features such as flexible adapt ready position and clutch preload torque levels. The technology allows for vehicle speed dependent clutch torque levels to enhance the performance of the system. For example, the system is calibrated to provide 0-5 ft lb of clutch torque during low speed, low engine torque operation, and predetermined higher torque for 40 km/h (25 mph) and greater. This prevents crow-hop and binding at low speeds and provides higher torque biases at higher vehicle speeds, in order to enhance stability.

The NVG 246 EAU transfer case features a 4 button shift control switch located on the instrument panel. When the ignition key is in the RUN position, the transfer case shift control module monitors the transfer case shift control switch to determine if the driver desires a new mode/range position. At a single press of the transfer case shift control switch, the lamp of the new desired position will begin flashing to inform the driver that the transfer case shift control module has received the request for a new mode/range position. The lamp will continue to flash until all shifting criteria has been met and the new mode/range position has been reached, or has been engaged. Once the new mode/range position is fully active, the switch indicator lamp for the new position will remain ON constantly.

During normal driving situations, the transfer case can operate in the Auto 4WD mode. In the Auto 4WD mode, the transfer case shift control module monitors rear wheel slip speed, based on the inputs from

both the front and rear propshaft speed sensors. When the vehicle experiences a rear wheel slip condition, the transfer case shift control module sends a pulse width modulated (PWM) signal to an electronic motor, which is the transfer case encoder motor. This motor rotates the transfer case control actuator lever shaft, applying a clutch pack. This clutch pack is designed to deliver a variable amount of torque, normally delivered to the rear wheels, and transfers it to the front wheels. Torque is ramped up to the front wheels until the front propshaft speed sensor matches that of the rear propshaft speed sensor. Torque is ramped down to the front wheels. The process would repeat if rear wheel slip is detected again.

The NVG 246 EAU transfer case has the added feature of also providing the driver with 3 manual mode/range positions:

- 4HI - 4 Wheel Drive high range
- 2HI - 2 Wheel Drive high range
- 4LO - 4 Wheel Drive low range

The driver may choose to select any of these mode/range positions while driving the vehicle. However, the transfer case will not allow a shift into or out of 4LO unless the following criteria has been met:

- The engine is running.
- The automatic transmission is in Neutral.
- The vehicle speed is below 5 km/h (3 mph).

This transfer case also has a Neutral position. A shift to the Neutral position allows the vehicle to be towed without rotating the transmission output shaft. Neutral position may be obtained only if the following criteria has been met:

- The engine is running.
- The automatic transmission is in Neutral.
- The vehicle speed is below 5 km/h (3 mph).
- The transfer case is in 2HI mode.

Once these conditions have been met, press and hold both the 2HI and 4LO buttons for 10 seconds. When the system completes the shift to neutral, the red neutral lamp will illuminate.

The NVG 246 EAU case halves are high-pressure die-cast magnesium. Ball bearings support the input shaft, the front output shaft, and the rear output shaft. A thrust bearing is located inside of the input shaft gear to support the front of the rear output shaft. The transfer case requires Auto Trac® II Fluid GM P/N 12378508 (Canadian P/N 10953626) which is blue in color. The fluid is designed for smooth clutch application. An oil pump, driven by the rear output shaft, pumps the fluid through the rear output shaft oil gallery to the clutch and bearings.

There are two versions of the NVG 246 EAU, which depend on the transmission applications and vehicle applications. If the vehicle is equipped with a transmission RPO M30, the transmission splines in the input gear will have 27 teeth. With this application the planetary carrier assembly will have 4 pinion gears. If the vehicle is equipped with transmission RPO MT1 or MN8, the transmission splines in the input gear will have 32 teeth. The planetary carrier assembly on this application will have 6 pinion gears.

Braking System Description and Operation

Hydraulic Brake System Description and Operation

System Component Description

The hydraulic brake system consists of the following:

Hydraulic Brake Master Cylinder Fluid Reservoir

Contains supply of brake fluid for the hydraulic brake system.

Hydraulic Brake Master Cylinder

Converts mechanical input force into hydraulic output pressure.

Hydraulic output pressure is distributed from the master cylinder through two hydraulic circuits, supplying diagonally-opposed wheel apply circuits.

Hydraulic Brake Pressure Balance Control System

Regulates brake fluid pressure delivered to hydraulic brake wheel circuits, in order to control the distribution of braking force.

Pressure balance control is achieved through dynamic rear proportioning (DRP), which is a function of the ABS modulator.

Hydraulic Brake Pipes and Flexible Brake Hoses

Carries brake fluid to and from hydraulic brake system components.

Hydraulic Brake Wheel Apply Components

Converts hydraulic input pressure into mechanical output force.

System Operation

Mechanical force is converted into hydraulic pressure by the master cylinder, regulated to meet braking system demands by the pressure balance control system, and delivered to the hydraulic brake wheel circuits by the pipes and flexible hoses. The wheel apply components then convert the hydraulic pressure back into mechanical force which presses linings against rotating brake system components.

Brake Assist System Description and Operation

System Component Description

The brake assist system consists of the following:

Brake Pedal

Receives, multiplies and transfers brake system input force from driver.

Brake Pedal Pushrod

Transfers multiplied input force received from brake pedal to brake booster.

Vacuum Brake Booster

Uses source vacuum to decrease effort required by driver when applying brake system input force.

When brake system input force is applied, air at atmospheric pressure is admitted to the rear of both vacuum diaphragms, providing a decrease in brake pedal effort required. When input force is removed, vacuum replaces atmospheric pressure within the booster.

Vacuum Source

Supplies force used by vacuum brake booster to decrease brake pedal effort.

Vacuum Source Delivery System

Enables delivery and retention of source vacuum for vacuum brake booster.

System Operation

Brake system input force is multiplied by the brake pedal and transferred by the pedal pushrod to the hydraulic brake master cylinder. Effort required to apply the brake system is reduced by the vacuum brake booster.

Disc Brake System Description and Operation

System Component Description

The disc brake system consists of the following components:

Disc Brake Pads

Applies mechanical output force from the hydraulic brake calipers to friction surfaces of brake rotors.

Disc Brake Rotors

Uses mechanical output force applied to friction surfaces from the disc brake pads to slow speed of tire and wheel assembly rotation.

Disc Brake Pad Hardware

Secures disc brake pads firmly in proper relationship to the hydraulic brake calipers. Enables a sliding motion of brake pads when mechanical output force is applied.

Disc Brake Caliper Hardware

Provides mounting for hydraulic brake caliper and secures the caliper firmly in proper relationship to caliper bracket. Enables a sliding motion of the brake caliper to the brake pads when mechanical output force is applied.

System Operation

Mechanical output force is applied from the hydraulic brake caliper pistons to the inner brake pads. As the pistons press the inner brake pads outward, the caliper housings draw the outer brake pads inward. This allows the output force to be equally distributed. The brake pads apply the output force to the friction surfaces on both sides of the brake rotors, which slows the rotation of the tire and wheel assemblies. The correct function of both the brake pad and brake caliper hardware is essential for even distribution of braking force.

Drum Brake System Description and Operation

System Component Description

The drum brake system consists of the following:

Drum Brake Shoes

Applies mechanical output force (from hydraulic brake wheel cylinders) to friction surface of brake drums.

Brake Drums

Uses mechanical output force applied to friction surface from drum brake shoes to slow speed of tire and wheel assembly rotation.

Drum Brake Hardware

Secures drum brake shoes firmly in proper relationship to hydraulic brake wheel cylinders. Enables sliding motion of brake shoes needed to expand toward friction surface of drums when mechanical output force is applied; provides return of brake shoes when mechanical output force is relieved.

Drum Brake Adjusting Hardware

Provides automatic adjustment of brake shoes to brake drum friction surface whenever brake apply occurs during rearward motion of the vehicle.

System Operation

Mechanical output force is applied from the hydraulic brake wheel cylinder pistons to the top of the drum brake shoes. The output force is then distributed between the primary and secondary brake shoes as the shoes expand toward the friction surface of the brake drums. The brake shoes apply the output force to

the friction surface of the brake drums, which slows the rotation of the tire and wheel assemblies. The proper function of both the drum brake hardware and adjusting hardware is essential to the proper distribution of braking force.

Park Brake System Description and Operation w/Rear Disc

General Description

The park brake system consists of the following:

Park Brake Pedal Assembly

Receives and transfers park brake system apply input force from driver to park brake cable system.

Park Brake Release Handle Assembly

Releases applied park brake system when pulled.

Park Brake Cables

Transfers input force received from park brake pedal, through park brake cable equalizer, to park brake apply lever.

Park Brake Cable Equalizer

Evenly distributes input force to both the left and right park brake units.

Threaded park brake cable equalizers are also used to remove slack in park brake cables.

Park Brake Apply Lever

Multiplies and transfers input force to park brake actuator.

Park Brake Actuator/Adjuster

Uses multiplied input force from apply lever to expand park brake shoe toward the friction surface of the drum-in-hat portion of the rear brake rotor.

Threaded park brake actuators are also used to control clearance between the park brake shoe and the friction surface of the drum-in-hat portion of the rear brake rotor.

Park Brake Shoe

Applies mechanical output force from park brake actuator to friction surface of the drum-in-hat portion of the rear brake rotor.

System Operation

Park brake apply input force is received by the park brake pedal assembly being depressed, transferred and evenly distributed, through the park brake cables and the park brake cable equalizer, to the left and right park brake apply levers. The park brake apply levers multiply and transfer the apply input force to the park brake actuators which expand the park brake shoe toward the friction surface of the drum-in-hat portion of the rear brake rotor in order to prevent the rotation of the rear tire and wheel assemblies. The park brake release handle assembly releases an applied park brake system when it is pulled rearward.

Park Brake System Description and Operation (w/Rear Drum)

System Component Description

The park brake system consists of the following:

Park Brake Pedal Assembly:

Receives and transfers park brake system apply input force from driver to park brake cable system.

Park Brake Release Handle Assembly:

Releases applied park brake system when pulled.

Park Brake Cables:

Transfers input force received from park brake pedal, through park brake cable equalizer, to park brake apply lever.

Park Brake Cable Equalizer:

Evenly distributes input force to both the left and right park brake units.

Park Brake Apply Lever:

Multiplies and transfers input force to park brake actuator/adjuster.

System Operation

Depressing the Park Brake Pedal creates INPUT FORCE. The INPUT FORCE is transferred and evenly distributed through the park brake cables and the equalizer to the left and right rear park brake cables. The INPUT FORCE, is then transferred to the apply levers located in each of the rear brake drums. The levers then multiply the INPUT FORCE and transfer the force to the rear brake shoes. At that point, the brake shoes are forced to expand and make contact with the friction surface of the rear brake drums, preventing the rotation of the rear wheels. Use the park brake release handle to disengage the park brake.

ABS Description and Operation

Antilock Brake System

When wheel slip is detected during a brake application, the ABS enters antilock mode. During antilock braking, hydraulic pressure in the individual wheel circuits is controlled to prevent any wheel from slipping. A separate hydraulic line and specific solenoid valves are provided for each wheel. The ABS can decrease, hold, or increase hydraulic pressure to each wheel brake. The ABS cannot, however, increase hydraulic pressure above the amount which is transmitted by the master cylinder during braking.

During antilock braking, a series of rapid pulsations is felt in the brake pedal. These pulsations are caused by the rapid changes in position of the individual solenoid valves as the EBCM responds to wheel speed sensor inputs and attempts to prevent wheel slip. These pedal pulsations are present only during antilock braking and stop when normal braking is resumed or when the vehicle comes to a stop. A ticking or popping noise may also be heard as the solenoid valves cycle rapidly. During antilock braking on dry pavement, intermittent chirping noises may be heard as the tires approach slipping. These noises and pedal pulsations are considered normal during antilock operation.

Vehicles equipped with ABS may be stopped by applying normal force to the brake pedal. Brake pedal operation during normal braking is no different than that of previous non-ABS systems. Maintaining a constant force on the brake pedal provides the shortest stopping distance while maintaining vehicle stability.

Engine Description and Operation

Engine Mechanical – 4.3L (RPO LU3, VIN X)

General Specifications

Application	Specification	
	Metric	English
General		
• Engine Type	90 degree V6	
• Displacement	4.3 L	262 CID
• RPO	LU3	
• VIN	X	
• Bore	101.60 mm	4.012 in
• Stroke	88.39 mm	3.480 in
• Compression Ratio	9.2:1	
• Firing Order	1-6-5-4-3-2	
• Spark Plug Gap	1.52 mm	0.060 in
Balance Shaft		
• Bearing Journal Diameter - Rear	38.085-38.100 mm	1.4994-1.500 in
• Bushing Bore Diameter - Rear	0.050-0.088 mm	0.0020-0.0035 in
Block		
• Crankshaft Main Bearing Bore Out-of-Round	0.050 mm	0.002 in
• Cylinder Bore Diameter	101.618-101.643 mm	4.0007-4.0017 in
• Cylinder Bore Out-of-Round - Production	0.017 mm	0.0007 in
• Cylinder Bore Out-of-Round - Service	0.05 mm	0.002 in
• Cylinder Bore Taper - Production Relief Side	0.025 mm	0.0010 in
• Cylinder Bore Taper - Production Thrust Side	0.012 mm	0.0005 in
• Cylinder Bore Taper - Service	0.025 mm	0.0010 in
• Cylinder Head Deck Surface Flatness	0.050-0.152 mm	0.002-0.006 in
Camshaft		
• Camshaft End Play	0.0254-0.2286 mm	0.0010-0.0090 in
• Camshaft Journal Diameter	47.440-47.490 mm	1.8677-1.8696 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	7.20-7.30 mm	0.283-0.287 in
• Camshaft Lobe Lift - Intake	6.97-7.07 mm	0.274-0.278 in
• Camshaft Runout	0.065 mm	0.0026 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.038-0.078 mm	0.0015-0.0031 in
• Connecting Rod Bearing Clearance - Service	0.025-0.063 mm	0.0010-0.0025 in
• Connecting Rod Side Clearance	0.15-0.44 mm	0.006-0.017 in
Crankshaft		
• Connecting Rod Journal Diameter	57.116-57.148 mm	2.2487-2.2497 in
• Connecting Rod Journal Out-of-Round - Production	0.008 mm	0.0003 in
• Connecting Rod Journal Out-of-Round - Service	0.025 mm	0.0010 in
• Connecting Rod Journal Taper - Production	0.010 mm	0.0004 in
• Connecting Rod Journal Taper - Service	0.025 mm	0.0010 in
• Crankshaft End Play	0.050-0.20 mm	0.002-0.008 in
• Crankshaft Main Bearing Clearance #1 - Production	0.02-0.05 mm	0.0008-0.0020 in

Application	Specification	
	Metric	English
• Crankshaft Main Bearing Clearance #2, #3, and #4 - Production	0.028-0.058 mm	0.0011-0.0023 in
• Crankshaft Main Bearing Clearance #1 - Service	0.0254-0.05 mm	0.0010-0.0020 in
• Crankshaft Main Bearing Clearance #2, #3, and #4 - Service	0.025-0.063 mm	0.0010-0.0025 in
• Crankshaft Main Journal Diameter #1	62.199-62.217 mm	2.4488-2.4495 in
• Crankshaft Main Journal Diameter #2 and #3	62.191-62.215 mm	2.4485-2.4494 in
• Crankshaft Main Journal Diameter #4	62.179-62.203 mm	2.4480-2.4489 in
• Crankshaft Main Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Crankshaft Main Journal Out-of-Round - Service	0.025 mm	0.0010 in
• Crankshaft Main Journal Taper	0.007 mm	0.0003 in
Exhaust Manifold		
• Surface Flatness - Flange to Flange	0.25 mm	0.010 in
• Surface Flatness - Individual Flange	0.05 mm	0.002 in
Intake Manifold		
• Surface Flatness	0.10 mm	0.004 in
Lubrication System		
• Oil Capacity for C/K, G/H with Filter	4.3 L	4.5 qt
• Oil Capacity for C/K, G/H without Filter	3.8 L	4 qt
• Oil Capacity for S/T, M/L with Filter	4.7 L	5 qt
• Oil Capacity for S/T, M/L without Filter	4.3 L	4.5 qt
• Oil Pressure - at 1,000 RPM	42 kPa	6 psi
• Oil Pressure - at 2,000 RPM	125 kPa	18 psi
• Oil Pressure - at 4,000 RPM	166 kPa	24 psi
Piston Rings		
• Piston Ring End Gap - First Compression Ring - Production	0.25-0.40 mm	0.010-0.016 in
• Piston Ring End Gap - Second Compression Ring - Production	0.38-0.58 mm	0.015-0.023 in
• Piston Ring End Gap - Oil Control Ring - Production	0.25-0.76 mm	0.010-0.029 in
• Piston Ring End Gap - First Compression Ring - Service	0.25-0.50 mm	0.010-0.020 in
• Piston Ring End Gap - Second Compression Ring - Service	0.38-0.80 mm	0.015-0.031 in
• Piston Ring End Gap - Oil Control Ring - Service	0.005-0.090 mm	0.0002-0.0035 in
• Piston Ring to Groove Clearance - First Compression Ring - Production	0.030-0.070 mm	0.0012-0.0027 in
• Piston Ring to Groove Clearance - Second Compression Ring - Production	0.076-0.280 mm	0.0030-0.0110 in
• Piston Ring to Groove Clearance - Oil Control Ring - Production	0.046-0.196 mm	0.0018-0.0077 in
• Piston Ring to Groove Clearance - First Compression Ring - Service	0.030-0.085 mm	0.0012-0.0033 in
• Piston Ring to Groove Clearance - Second Compression Ring - Service	0.030-0.085 mm	0.0012-0.0033 in
• Piston Ring to Groove Clearance - Oil Control Ring - Service	0.076-0.200 mm	0.0030-0.0079 in

Application	Specification	
	Metric	English
Pistons and Pins		
• Piston - Piston to Bore Clearance - Production	0.018-0.061 mm	0.0007-0.0024 in
• Piston - Piston to Bore Clearance - Service	0.075 mm	0.0029 in
• Pin - Piston Pin Clearance to Connecting Rod Bore - Press Fit	0.012-0.048 mm	0.0005-0.0019 in
• Pin - Piston Pin Clearance to Piston Pin Bore - Production	0.013-0.023 mm	0.0005-0.0009 in
• Pin - Piston Pin Clearance to Piston Pin Bore - Service	0.025 mm	0.0010 in
• Pin - Piston Pin Diameter	23.545-23.548 mm	0.9270-0.9271 in
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Intake	1.016-1.651 mm	0.040-0.065 in
• Valves - Valve Seat Width - Exhaust	1.651-2.489 mm	0.065-0.098 in
• Valves - Valve Stem Oil Seal Installed Height	1-2 mm	0.03937-0.07874 in
• Valves - Valve Stem-to-Guide Clearance - Intake - Production	0.025-0.069 mm	0.0010-0.0027 in
• Valves - Valve Stem-to-Guide Clearance - Intake - Service	0.025-0.094 mm	0.0010-0.0037 in
• Valves - Valve Stem-to-Guide Clearance - Exhaust - Production	0.025-0.069 mm	0.0010-0.0027 in
• Valves - Valve Stem-to-Guide Clearance - Exhaust - Service	0.025-0.094 mm	0.0010-0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.5:1	
• Valve Springs - Valve Spring Free Length	51.3 mm	2.02 in
• Valve Springs - Valve Spring Installed Height - Intake	42.92-43.43 mm	1.670-1.700 in
• Valve Springs - Valve Spring Installed Height - Exhaust	42.92-43.43 mm	1.670-1.700 in
• Valve Springs - Valve Spring Load - Closed	338-374 N @ 43.2 mm	76-84 lb @ 1.70 in
• Valve Springs - Valve Spring Load - Open	832-903 N @ 32.3 mm	187-203 lb @ 1.27 in

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Accelerator Control Cable Bracket Nut to Stud	12 N·m	106 lb in
Accelerator Control Cable Bracket Nut to Throttle Body	9 N·m	80 lb in
Accelerator Control Cable Bracket Stud to Intake Manifold	6 N·m	53 lb in
Accelerator Control Cable Bracket Stud to Throttle Body	12 N·m	106 lb in
Air Cleaner Adapter Stud	8 N·m	71 lb in
Balance Shaft Driven Gear Bolt		
• First Pass	20 N·m	15 lb ft
• Final Pass	35 degrees	
Balance Shaft Retainer Bolt	12 N·m	106 lb in
Battery Cable Bracket Bolt to Oil Pan	12 N·m	106 lb in
Battery Negative Cable Bolt to Engine	25 N·m	18 lb ft
Battery Positive Cable Junction Block Bracket Bolt	25 N·m	18 lb ft
Belt Idler Pulley Bolt	50 N·m	37 lb ft
Camshaft Retainer Bolt	12 N·m	106 lb in

Application	Specification	
	Metric	English
Camshaft Sprocket Bolt	25 N·m	18 lb ft
Connecting Rod Nut		
• First Pass	27 N·m	20 lb ft
• Final Pass	70 degrees	
Crankshaft Balancer Bolt	95 N·m	70 lb ft
Crankshaft Bearing Cap Bolt - Preferred Method		
• First Pass	20 N·m	15 lb ft
• Final Pass	73 degrees	
Crankshaft Bearing Cap Bolt	105 N·m	77 lb ft
Crankshaft Position Sensor Bolt	9 N·m	80 lb in
Crankshaft Pulley Bolt	58 N·m	43 lb ft
Crankshaft Rear Oil Seal Housing Bolt and Nut	12 N·m	106 lb in
Crankshaft Rear Oil Seal Housing Retainer Stud	6 N·m	53 lb in
Crossmember Bolt	100 N·m	74 lb ft
Cylinder Head Bolt - Preferred Method		
• All Bolts First Pass in Sequence	30 N·m	22 lb ft
• Long Bolts Final Pass in Sequence	75 degrees	
• Medium Bolts Final Pass in Sequence	65 degrees	
• Short Bolts Final Pass in Sequence	55 degrees	
Cylinder Head Core Hole Plug	20 N·m	15 lb ft
Distributor Cap Bolt	2.4 N·m	21 lb in
Distributor Clamp Bolt	25 N·m	18 lb ft
Drive Belt Idler Pulley Bolt	50 N·m	37 lb ft
Drive Belt Tensioner Bolt	50 N·m	37 lb ft
Engine Block Left Side Oil Gallery Plug	20 N·m	15 lb ft
Engine Block Left Rear Oil Gallery Plug	30 N·m	22 lb ft
Engine Block Right Rear Oil Gallery Plug	20 N·m	15 lb ft
Engine Block Coolant Drain Hole Plug	20 N·m	15 lb ft
Engine Block Oil Gallery Plug	20 N·m	15 lb ft
Engine Coolant Heater Bolt/Screw	2 N·m	18 lb in
Engine Coolant Temperature (ECT) Sensor	20 N·m	15 lb ft
Engine Flywheel Bolt	100 N·m	74 lb ft
Engine Front Cover Bolt	12 N·m	106 lb in
Engine Lift Front Bracket Stud	35 N·m	26 lb ft
Engine Mount Bolt to Engine Bracket	50 N·m	37 lb ft
Engine Mount Engine Bracket Bolt to Engine	50 N·m	37 lb ft
Engine Mount Frame Bracket Through-bolt	75 N·m	55 lb ft
Engine Mount Frame Side Mount Bolt	65 N·m	50 lb ft
Engine Oil Level Sensor	13 N·m	115 lb in
Engine Oil Pressure Gage Sensor	30 N·m	22 lb ft
Engine Oil Pressure Gage Sensor Fitting - Plus Required Angle	15 N·m	11 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Engine Wiring Harness Bracket Bolt to Battery Positive Cable Junction Block Bracket	9 N·m	80 lb in
Engine Wiring Harness Bracket Bolt to Generator and Drive Belt Tensioner Bracket	25 N·m	18 lb ft
Engine Wiring Harness Bracket Nut to Evaporative Emission (EVAP) Canister Purge Solenoid Valve Stud	9 N·m	80 lb in
Engine Wiring Harness Bracket Nut to Intake Manifold Stud	12 N·m	106 lb in
Engine Wiring Harness Bracket Stud	25 N·m	18 lb ft
Engine Wiring Harness Clip Bolt	9 N·m	80 lb in

Application	Specification	
	Metric	English
Engine Wiring Harness Ground Nut	16 N·m	12 lb ft
Evaporative Emission (EVAP) Canister Purge Solenoid Valve Stud to Intake Manifold	10 N·m	89 lb in
Exhaust Manifold Bolt/Stud		
• First Pass	15 N·m	11 lb ft
• Final Pass	30 N·m	22 lb ft
Exhaust Manifold Heat Shield Bolt	9 N·m	80 lb in
Fan and Water Pump Pulley Bolt	25 N·m	18 lb ft
Frame Cross Bar Bolt	100 N·m	74 lb ft
Fuel Meter Body Bracket Bolt	10 N·m	89 lb in
Fuel Pipe Bracket Bolt	6 N·m	53 lb in
Fuel Pipe Retainer Nut	3 N·m	27 lb in
Fuel Supply Pipe Nut - Fuel Tank Side	30 N·m	22 lb ft
Generator and Drive Belt Tensioner Bracket Bolt to Engine	41 N·m	30 lb ft
Generator and Drive Belt Tensioner Bracket Stud to Engine	20 N·m	15 lb ft
Generator and Drive Belt Tensioner Bracket Stud Nut	41 N·m	30 lb ft
Ground Wire Bolt to Rear of Left Side Cylinder Head	16 N·m	12 lb ft
Ground Wire Nut to Rear of Right Side Cylinder Head	16 N·m	12 lb ft
Heater Hose Bracket Bolt to Generator and Drive Belt Tensioner Bracket	25 N·m	18 lb ft
Hood Hinge Bolt	25 N·m	18 lb ft
Ignition Coil Stud	12 N·m	106 lb in
Junction Block Bracket Bolt	25 N·m	18 lb ft
Knock Sensor	25 N·m	18 lb ft
Lift Bracket Bolts	15 N·m	11 lb ft
Lower Intake Manifold Bolt		
• First Pass in Sequence	3 N·m	27 lb in
• Second Pass in Sequence	12 N·m	106 lb in
• Final Pass in Sequence	15 N·m	11 lb ft
Oil Cooler Pipe Bracket to Oil Pan Bolt	12 N·m	106 lb in
Oil Filter	30 N·m	22 lb ft
Oil Filter Adapter	55 N·m	41 lb ft
Oil Filter Fitting	55 N·m	41 lb ft
Oil Level Indicator Tube Bolt	12 N·m	106 lb in
Oil Pan Baffle Bolt	12 N·m	106 lb in
Oil Pan Bolt and Nut	25 N·m	18 lb ft
Oil Pan Drain Plug	25 N·m	18 lb ft
Oil Pan Skid Plate Bolt	20 N·m	15 lb ft
Oil Pump Bolt to Rear Crankshaft Bearing Cap	90 N·m	66 lb ft
Oil Pump Cover Bolt	12 N·m	106 lb in
Positive Battery Cable Clip Bolt	9 N·m	80 lb in
Positive Cable Generator Nut	18 N·m	13 lb ft
Power Steering Pump Bracket Bolt to Engine	41 N·m	30 lb ft
Power Steering Pump Bracket Stud to Engine	20 N·m	15 lb ft
Power Steering Pump Bracket Stud Nut	41 N·m	30 lb ft
Power Steering Pump Bolt	50 N·m	37 lb ft
Power Steering Pump Nut to Engine - Rear Bracket to Engine	41 N·m	30 lb ft
Power Steering Pump Rear Bracket Nut	50 N·m	37 lb ft
Secondary Air Injection (AIR) Check Valve Pipe Bracket Bolt to Exhaust Manifold	10 N·m	89 lb in
Secondary Air Injection (AIR) Check Valve Pipe Stud Nut	25 N·m	18 lb ft

Application	Specification	
	Metric	English
Spark Plug		
• Initial Installation - NEW Cylinder Head	30 N·m	22 lb ft
• All Subsequent Installations	15 N·m	11 lb ft
Spark Plug Wire Support Bolt	12 N·m	106 lb in
Starter Motor Wiring Harness/Transmission Cooler Pipe Bracket to Oil Pan Bolt	9 N·m	80 lb in
Throttle Body Stud	9 N·m	80 lb in
Torque Converter Bolt	63 N·m	47 lb ft
Transmission Bolt	50 N·m	37 lb ft
Transmission Cover Bolt	12 N·m	106 lb in
Transmission Oil Cooler Line Bracket	9 N·m	80 lb in
Transmission to Oil Pan Bolt	47 N·m	35 lb ft
Upper Intake Manifold Stud		
• First Pass	5 N·m	44 lb in
• Final Pass	9 N·m	80 lb in
Valve Lifter Pushrod Guide Bolt	16 N·m	12 lb ft
Valve Rocker Arm Bolt	30 N·m	22 lb ft
Valve Rocker Arm Cover Bolt	12 N·m	106 lb in
Water Outlet Stud	25 N·m	18 lb ft
Water Pump Bolt	45 N·m	33 lb ft

Engine Component Description

Balance Shaft

The cast iron balance shaft is mounted in the crankcase above and in-line with the camshaft. A camshaft gear drives the gear attached to the balance shaft. The front end of the balance shaft is supported by a ball-type bearing. The rear end of the balance shaft uses a sleeve-type bearing.

Camshaft

The steel camshaft is supported by four bearings pressed into the engine block. The camshaft timing chain sprocket mounted to the front of the camshaft is driven by the crankshaft sprocket through a camshaft timing chain.

Crankshaft

The cast nodular iron crankshaft is supported by four crankshaft bearings. The number four crankshaft bearing at the rear of the engine is the end thrust bearing. The crankshaft bearings are retained by bearing caps that are machined with the engine block for proper alignment and clearances. The crankshaft position sensor reluctor ring has three lugs used for crankshaft timing and is constructed of powdered metal. The crankshaft position sensor reluctor ring has a slight interference fit onto the crankshaft and an internal keyway for correct positioning.

Cylinder Heads

The cast iron cylinder heads have one intake and one exhaust valve for each cylinder. A spark plug is located between the valves in the side of the cylinder head. The valve guides and seats are integral to the cylinder head. The 4.3L heavy duty applications have pressed in exhaust valve seats. The valve rocker arms are positioned on the valve rocker arm supports and retained by a bolt.

Engine Block

The cast iron engine block has six cylinders arranged in a V shape with three cylinders in each bank. Starting at the front side of the engine block, the cylinders in the left bank are numbered 1-3-5 and cylinders in the right bank are numbered 2-4-6 (when viewed from the rear). The firing order of the cylinders is 1-6-5-4-3-2. The cylinders are encircled by coolant jackets.

Exhaust Manifolds

The cast iron exhaust manifolds direct exhaust gases from the combustion chambers to the exhaust system.

Intake Manifold

The intake manifold is a two-piece design. The upper portion is made from a composite material and the lower portion is cast aluminum. The throttle body attaches to the upper manifold. The Central Multipoint Flexible Injection system uses multiple fuel injectors to meter and distribute fuel to each engine cylinder. The Central (MFI) is retained by a bracket bolted to the lower intake manifold. The fuel meter body also houses the pressure regulator. Metal inlet and outlet fuel lines and nylon delivery tubes connect to the Central (MFI) unit. The delivery tubes independently distribute fuel to each cylinder through injectors located at the port entrance of each manifold runner where the fuel is atomized.

Piston and Connecting Rod Assemblies

The cast aluminum pistons use two compression rings and one oil control assembly. The piston is a low friction, lightweight design with a flat top and barrel shaped skirt. The piston pins are offset 0.9 mm (0.0354 in) toward the major thrust side (right side) to reduce piston slap as the connecting rod travels from one side of the piston to the other side after a stroke. The piston pins have a floating fit in the piston and are retained by a press fit in the connecting rod. The connecting rods are forged steel. The connecting rods are machined with the rod cap installed for proper clearances and alignments.

Valve Train

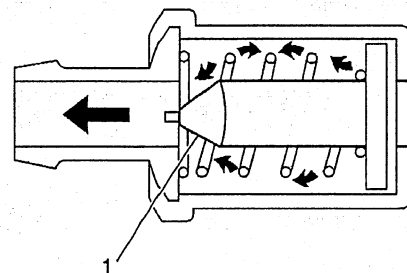
Motion is transmitted from the camshaft through the hydraulic roller valve lifters and the tubular valve pushrods to the roller type valve rocker arms. The roller type valve rocker arm pivots on a needle type bearing in order to open the valve. The valve rocker arms for each bank of cylinders are mounted to a one piece valve rocker arm support. Each valve rocker arm is retained on the valve rocker arm support and the cylinder head by a bolt. The hydraulic valve lifters keep all the parts of the valve train in constant contact. Each hydraulic valve lifter acts as an automatic adjuster and maintains zero lash in the valve train. This eliminates the need for periodic valve adjustment.

Crankcase Ventilation System Description

A crankcase ventilation system is used in order to provide a more complete scavenging of crankcase vapors. The air cleaner supplies fresh air through a filter to the crankcase. The crankcase mixes the fresh air with blow-by gases. This mixture then passes through a crankcase ventilation valve into the intake manifold.

The primary control is through the crankcase ventilation valve (1), which meters the flow at a rate depending on the manifold vacuum.

In order to maintain an idle quality, the crankcase ventilation valve restricts the flow when the intake manifold vacuum is high. If abnormal operating conditions arise, the system is designed in order to allow the excessive amounts of blow-by gases to back flow through the crankcase vent tube into the air cleaner in order to be consumed by normal combustion.



Drive Belt System Description

The drive belt system consists of the following components:

- The drive belt
- The drive belt tensioner
- The drive belt idler pulley
- The crankshaft balancer pulley

- The accessory drive component mounting brackets
- The accessory drive components
 - The power steering pump, if belt driven
 - The generator
 - The A/C compressor, if equipped
 - The engine cooling fan, if belt driven
 - The water pump, if belt driven
 - The vacuum pump, if equipped
 - The air compressor, if equipped

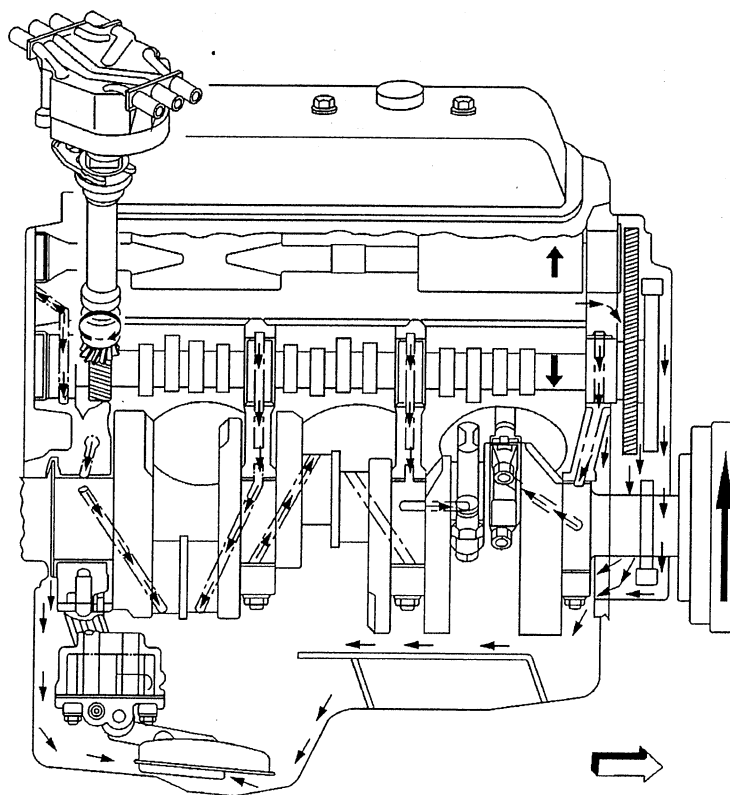
The drive belt system may use one belt or two belts. The drive belt is thin so that it can bend backwards and has several ribs to match the grooves in the pulleys. There also may be a V-belt style belt used to drive certain accessory drive components. The drive belts are made of different types of rubbers (chloroprene or EPDM) and have different layers or plys containing either fiber cloth or cords for reinforcement.

Both sides of the drive belt may be used to drive the different accessory drive components. When the back side of the drive belt is used to drive a pulley, the pulley is smooth.

The drive belt is pulled by the crankshaft balancer pulley across the accessory drive component pulleys. The spring loaded drive belt tensioner keeps constant tension on the drive belt to prevent the drive belt from slipping. The drive belt tensioner arm will move when loads are applied to the drive belt by the accessory drive components and the crankshaft.

The drive belt system may have an idler pulley, which is used to add wrap to the adjacent pulleys. Some systems use an idler pulley in place of an accessory drive component when the vehicle is not equipped with the accessory.

Lubrication Description



Full pressure lubrication, through a full-flow oil filter is supplied by a gear-type oil pump. Oil is drawn up through the oil pump screen and passes through the pump to the oil filter. The oil filter is a full-flow paper element unit with an anti-drain back valve. An oil filter bypass valve is used to ensure adequate oil supply, in the event the filter becomes plugged or develops excessive pressure drop. Filtered oil flows into the main gallery and then to the camshaft, the balance shaft, the rear bearing, and the crankshaft bearings. The valve lifter oil gallery supplies oil to the valve lifters. Oil flows from the valve lifters through the hollow valve pushrods to the valve rocker arms. Oil drains back to the crankcase through the oil drain holes in the cylinder head. The camshaft timing chain is drip fed from the front camshaft bearing. The pistons and piston pins are lubricated by oil splash.

Engine Mechanical – 4.8, 5.3, 6.0L**General Specifications 4.8L (LR4 VIN V)**

Application	Specification	
	Metric	English
General		
• Bore	96.0-96.018 mm	3.779-3.78 in
• Compression Ratio	9.5:1	
• Displacement	4.8L	293 CID
• Engine Type	V8	
• Firing Order	1-8-7-2-6-5-4-3	
• RPO	LR4	
• Stroke	83.0 mm	3.268 in
• VIN	V	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	96.0-96.018 mm	3.779-3.78 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	6.96 mm	0.274 in
• Camshaft Lobe Lift - Intake	6.82 mm	0.268 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.23-0.44 mm	0.009-0.017 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.23-0.5 mm	0.009-0.0196 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.44-0.7 mm	0.017-0.027 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.44-0.76 mm	0.0173-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.18-0.75 mm	0.007-0.029 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.18-0.81 mm	0.007-0.032 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.012-0.2 mm	0.0005-0.0078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.012-0.2 mm	0.0005-0.0078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Skirt Coating 	96.002-96.036 mm	3.779-3.78 in

Application	Specification	
	Metric	English
• Piston - Piston to Bore Clearance - Production	-0.036 to +0.016 mm	-0.0014 to +0.0006 in
• Piston - Piston to Bore Clearance - Service Limit with Skirt Coating Worn Off	0.071 mm	0.0028 in
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Face Width	1.25 mm	0.05 in
• Valves - Valve Lash	Net Lash - No Adjustment	
• Valves - Valve Lift - Exhaust	11.82 mm	0.465 in
• Valves - Valve Lift - Intake	11.58 mm	0.456 in
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Exhaust	1.78 mm	0.07 in
• Valves - Seat Width - Intake	1.02 mm	0.04 in
• Valves - Valve Stem Diameter - Production	7.955-7.976 mm	0.313-0.314 in
• Valves - Valve Stem Diameter - Service	7.95 mm	0.313 in
• Valves - Stem-to-Guide Clearance - Production - Intake	0.025-0.066 mm	0.001-0.0026 in
• Valves - Stem-to-Guide Clearance - Service - Intake	0.093 mm	0.0037 in
• Valves - Stem-to-Guide Clearance - Production - Exhaust	0.025-0.066 mm	0.001-0.0026 in
• Valves - Stem-to-Guide Clearance - Service - Exhaust	0.093 mm	0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.70:1	
• Valve Springs - Valve Spring Free Length	52.9 mm	2.08 in
• Valve Springs - Installed Height	45.75 mm	1.8 in
• Valve Springs - Valve Spring Load - Closed	340 N at 45.75 mm	76 lb at 1.8 in
• Valve Springs - Valve Spring Load - Open	980 N at 33.55 mm	220 lb at 1.32 in

General Specifications 5.3L (LM7 VIN T)

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	5.3L	325 CID
• RPO	LM7	
• VIN	T	
• Bore	96.0-96.018 mm	3.779-3.78 in
• Stroke	92.0 mm	3.622 in
• Compression Ratio	9.5:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	96.0-96.018 mm	3.779-3.78 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	6.96 mm	0.274 in
• Camshaft Lobe Lift - Intake	6.82 mm	0.268 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.23-0.44 mm	0.009-0.017 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.23-0.5 mm	0.009-0.0196 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.44-0.7 mm	0.017-0.027 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.44-0.76 mm	0.0173-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.18-0.75 mm	0.007-0.029 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.18-0.81 mm	0.007-0.032 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.012-0.2 mm	0.0005-0.0078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.012-0.2 mm	0.0005-0.0078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Skirt Coating 	96.002-96.036 mm	3.779-3.78 in

Application	Specification	
	Metric	English
• Piston - Piston to Bore Clearance - Production	-0.036 to +0.016 mm	-0.0014 to +0.0006 in
• Piston - Piston to Bore Clearance - Service Limit with Skirt Coating Worn Off	0.071 mm	0.0028 in
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Face Width	1.25 mm	0.05 in
• Valves - Valve Lash	Net Lash - No Adjustment	
• Valves - Valve Lift - Exhaust	11.82 mm	0.465 in
• Valves - Valve Lift - Intake	11.58 mm	0.456 in
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Exhaust	1.78 mm	0.07 in
• Valves - Valve Seat Width - Intake	1.02 mm	0.04 in
• Valves - Valve Stem Diameter - Production	7.955-7.976 mm	0.313-0.314 in
• Valves - Valve Stem Diameter - Service	7.95 mm	0.313 in
• Valves - Valve Stem-to-Guide Clearance - Production - Intake	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Intake	0.093 mm	0.0037 in
• Valves - Valve Stem-to-Guide Clearance - Production - Exhaust	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Exhaust	0.093 mm	0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.70:1	
• Valve Springs - Valve Spring Free Length	52.9 mm	2.08 in
• Valve Springs - Valve Spring Installed Height	45.75 mm	1.8 in
• Valve Springs - Valve Spring Load - Closed	340 N at 45.75 mm	76 lb at 1.8 in
• Valve Springs - Valve Spring Load - Open	980 N at 33.55 mm	220 lb at 1.32 in

General Specifications 5.3L (L59 VIN Z)

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	5.3L	325 CID
• RPO	L59	
• VIN	Z	
• Bore	96.0-96.018 mm	3.779-3.78 in
• Stroke	92.0 mm	3.622 in
• Compression Ratio	9.5:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	96.0-96.018 mm	3.779-3.78 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured Within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	6.96 mm	0.274 in
• Camshaft Lobe Lift - Intake	6.82 mm	0.268 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured Within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured Within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.23-0.44 mm	0.009-0.017 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.23-0.5 mm	0.009-0.0196 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.44-0.7 mm	0.017-0.027 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.44-0.76 mm	0.0173-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.18-0.75 mm	0.007-0.029 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.18-0.81 mm	0.007-0.032 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.012-0.2 mm	0.0005-0.0078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.012-0.2 mm	0.0005-0.0078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Skirt Coating 	96.002-96.036 mm	3.779-3.78 in

Application	Specification	
	Metric	English
• Piston - Piston to Bore Clearance - Production	-0.036 to +0.016 mm	-0.0014 to +0.0006 in
• Piston - Piston to Bore Clearance - Service Limit with Skirt Coating Worn Off	0.071 mm	0.0028 in
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Face Width	1.25 mm	0.05 in
• Valves - Valve Lash	Net Lash - No Adjustment	
• Valves - Valve Lift - Intake	11.58 mm	0.456 in
• Valves - Valve Lift - Exhaust	11.82 mm	0.465 in
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Exhaust	1.78 mm	0.07 in
• Valves - Seat Width - Intake	1.02 mm	0.04 in
• Valves - Valve Stem Diameter - Production	7.955-7.976 mm	0.313-0.314 in
• Valves - Valve Stem Diameter - Service	7.95 mm	0.313 in
• Valves - Valve Stem-to-Guide Clearance - Production - Intake	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Intake	0.093 mm	0.0037 in
• Valves - Valve Stem-to-Guide Clearance - Production - Exhaust	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Exhaust	0.093 mm	0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.70:1	
• Valve Springs - Valve Spring Free Length	52.9 mm	2.08 in
• Valve Springs - Valve Spring Installed Height	45.75 mm	1.8 in
• Valve Springs - Valve Spring Load - Closed	340 N at 45.75 mm	76 lb at 1.8 in
• Valve Springs - Valve Spring Load - Open	980 N at 33.55 mm	220 lb at 1.32 in

General Specifications 5.3L (L33 VIN B)

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	5.3L	325 CID
• RPO	L33	
• VIN	B	
• Bore	96.0-96.018 mm	3.779-3.78 in
• Stroke	92.0 mm	3.622 in
• Compression Ratio	9.9:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	96.0-96.018 mm	3.779-3.78 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured Within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	7.2 mm	0.283 in
• Camshaft Lobe Lift - Intake	7.2 mm	0.283 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured Within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured Within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.23-0.44 mm	0.009-0.017 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.23-0.5 mm	0.009-0.0196 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.44-0.7 mm	0.017-0.027 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.44-0.76 mm	0.0173-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.18-0.75 mm	0.007-0.029 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.18-0.81 mm	0.007-0.032 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.04-0.085 mm	0.00157-0.00335 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.04-0.078 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.012-0.2 mm	0.0005-0.0078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.012-0.2 mm	0.0005-0.0078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Skirt Coating 	96.002-96.036 mm	3.779-3.78 in

Application	Specification	
	Metric	English
• Piston - Piston to Bore Clearance - Production	-0.036 to +0.016 mm	-0.0014 to +0.0006 in
• Piston - Piston to Bore Clearance - Service Limit with Skirt Coating Worn Off	0.071 mm	0.0028 in
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Face Width	1.25 mm	0.05 in
• Valves - Valve Lash	Net Lash - No Adjustment	
• Valves - Valve Lift - Intake	12.24 mm	0.482 in
• Valves - Valve Lift - Exhaust	12.24 mm	0.482 in
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Exhaust	1.78 mm	0.07 in
• Valves - Valve Seat Width - Intake	1.02 mm	0.04 in
• Valves - Valve Stem Diameter - Production	7.955-7.976 mm	0.313-0.314 in
• Valves - Valve Stem Diameter - Service	7.95 mm	0.313 in
• Valves - Valve Stem-to-Guide Clearance - Production - Intake	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Intake	0.093 mm	0.0037 in
• Valves - Valve Stem-to-Guide Clearance - Production - Exhaust	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Exhaust	0.093 mm	0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.70:1	
• Valve Springs - Valve Spring Free Length	52.9 mm	2.08 in
• Valve Springs - Valve Spring Installed Height	45.75 mm	1.8 in
• Valve Springs - Valve Spring Load - Closed	340 N at 45.75 mm	76 lb at 1.8 in
• Valve Springs - Valve Spring Load - Open	980 N at 33.55 mm	220 lb at 1.32 in

General Specifications 6.0L (LQ4 VIN U)

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	6.0L	364 CID
• RPO	LQ4	
• VIN	U	
• Bore	101.618-101.636 mm	4.0007-4.0014 in
• Stroke	92.0 mm	3.622 in
• Compression Ratio	9.4:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	101.618-101.636 mm	4.0007-4.0017 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	7.13 mm	0.281 in
• Camshaft Lobe Lift - Intake	6.96 mm	0.274 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.006 mm	0.0002 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.006 mm	0.0002 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.31-0.52 mm	0.012-0.02 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.31-0.59 mm	0.0122-0.023 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.51-0.77 mm	0.02-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.51-0.84 mm	0.02-0.033 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.31-0.87 mm	0.0122-0.034 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.31-0.94 mm	0.0122-0.037 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.04-0.08 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.04-0.08 mm	0.00157-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.039-0.079 mm	0.0015-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.039-0.079 mm	0.0015-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.015-0.199 mm	0.0006-0.0078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.015-0.199 mm	0.0006-0.0078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Skirt Coating 	101.606-101.640 mm	4.0002-4.0016 in
<ul style="list-style-type: none"> Piston - Piston to Bore Clearance - Production 	-0.022 to +0.03 mm - interference	-0.0009 to +0.0012 in - interference
<ul style="list-style-type: none"> Piston - Piston to Bore Clearance - Service Limit with Skirt Coating Worn Off 	0.07 mm	0.0028 in

Application	Specification	
	Metric	English
Valve System		
• Valves - Valve Face Angle	45 degrees	
• Valves - Valve Face Width	1.25 mm	0.05 in
• Valves - Valve Lash	Net Lash - No Adjustment	
• Valves - Valve Lift - Exhaust	12.11 mm	0.477 in
• Valves - Valve Lift - Intake	11.83 mm	0.466 in
• Valves - Valve Seat Angle	46 degrees	
• Valves - Valve Seat Runout	0.05 mm	0.002 in
• Valves - Valve Seat Width - Exhaust	1.78 mm	0.07 in
• Valves - Valve Seat Width - Intake	1.02 mm	0.04 in
• Valves - Valve Stem Diameter - Production	7.955-7.976 mm	0.313-0.314 in
• Valves - Valve Stem Diameter - Service	7.95 mm	0.313 in
• Valves - Valve Stem-to-Guide Clearance - Production - Intake	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Intake	0.093 mm	0.0037 in
• Valves - Valve Stem-to-Guide Clearance - Production - Exhaust	0.025-0.066 mm	0.001-0.0026 in
• Valves - Valve Stem-to-Guide Clearance - Service - Exhaust	0.093 mm	0.0037 in
• Rocker Arms - Valve Rocker Arm Ratio	1.70:1	
• Valve Springs - Valve Spring Free Length	52.9 mm	2.08 in
• Valve Springs - Valve Spring Installed Height	45.75 mm	1.8 in
• Valve Springs - Valve Spring Load - Closed	340 N at 45.75 mm	76 lb at 1.8 in
• Valve Springs - Valve Spring Load - Open	980 N at 33.55 mm	220 lb at 1.32 in

General Specifications 6.0L (LQ9 VIN N)

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	6.0L	364 CID
• RPO	LQ9	
• VIN	N	
• Bore	101.618-101.636 mm	4.0007-4.0014 in
• Stroke	92.0 mm	3.622 in
• Compression Ratio	10.0:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.02 mm	0.04 in
Block		
• Camshaft Bearing Bore 1 and 5 Diameter	59.62-59.67 mm	2.347-2.349 in
• Camshaft Bearing Bore 2 and 4 Diameter	59.12-59.17 mm	2.327-2.329 in
• Camshaft Bearing Bore 3 Diameter	58.62-58.67 mm	2.307-2.309 in
• Crankshaft Main Bearing Bore Diameter	69.871-69.889 mm	2.75-2.751 in
• Crankshaft Main Bearing Bore Out-of-Round	0.006 mm	0.0002 in
• Cylinder Bore Diameter	101.618-101.636 mm	4.0007-4.0017 in
• Cylinder Head Deck Height - Measuring from the Centerline of Crankshaft to the Deck Face	234.57-234.82 mm	9.235-9.245 in
• Cylinder Head Deck Surface Flatness - Measured within a 152.4 mm (6.0 in) Area	0.11 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Measuring the Overall Length of the Block Deck	0.22 mm	0.008 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft End Play	0.025-0.305 mm	0.001-0.012 in
• Camshaft Journal Diameter	54.99-55.04 mm	2.164-2.166 in
• Camshaft Journal Out-of-Round	0.025 mm	0.001 in
• Camshaft Lobe Lift - Exhaust	7.13 mm	0.281 in
• Camshaft Lobe Lift - Intake	6.96 mm	0.274 in
• Camshaft Runout - Measured at the Intermediate Journals	0.05 mm	0.002 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.023-0.065 mm	0.0009-0.0025 in
• Connecting Rod Bearing Clearance - Service	0.023-0.076 mm	0.0009-0.003 in
• Connecting Rod Bore Diameter - Bearing End	56.505-56.525 mm	2.224-2.225 in
• Connecting Rod Bore Out-of-Round - Bearing End - Production	0.006 mm	0.00023 in
• Connecting Rod Bore Out-of-Round - Bearing End - Service	0.004-0.008 mm	0.00015-0.0003 in
• Connecting Rod Side Clearance	0.11-0.51 mm	0.00433-0.02 in

Application	Specification	
	Metric	English
Crankshaft		
• Connecting Rod Journal Diameter - Production	53.318-53.338 mm	2.0991-2.0999 in
• Connecting Rod Journal Diameter - Service	53.308 mm	2.0987 in
• Connecting Rod Journal Out-of-Round - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Out-of-Round - Service	0.01 mm	0.0004 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Production	0.005 mm	0.0002 in
• Connecting Rod Journal Taper - Maximum for 1/2 of Journal Length - Service	0.02 mm	0.00078 in
• Crankshaft End Play	0.04-0.2 mm	0.0015-0.0078 in
• Crankshaft Main Bearing Clearance - Production	0.02-0.052 mm	0.0008-0.0021 in
• Crankshaft Main Bearing Clearance - Service	0.02-0.065 mm	0.0008-0.0025 in
• Crankshaft Main Journal Diameter - Production	64.992-65.008 mm	2.558-2.559 in
• Crankshaft Main Journal Diameter - Service	64.992 mm	2.558 in
• Crankshaft Main Journal Out-of-Round - Production	0.003 mm	0.000118 in
• Crankshaft Main Journal Out-of-Round - Service	0.008 mm	0.0003 in
• Crankshaft Main Journal Taper - Production	0.01 mm	0.0004 in
• Crankshaft Main Journal Taper - Service	0.02 mm	0.00078 in
• Crankshaft Rear Flange Runout	0.05 mm	0.002 in
• Crankshaft Reluctor Ring Runout - Measured 1.0 mm (0.04 in) Below Tooth Diameter	0.7 mm	0.028 in
• Crankshaft Thrust Surface - Production	26.14-26.22 mm	1.029-1.0315 in
• Crankshaft Thrust Surface - Service	26.22 mm	1.0315 in
• Crankshaft Thrust Surface Runout	0.025 mm	0.001 in
Cylinder Head		
• Cylinder Head Height/Thickness - Measured from the Cylinder Head Deck to the Valve Rocker Arm Cover Seal Surface	120.2 mm	4.732 in
• Surface Flatness - Block Deck - Measured Within a 152.4 mm (6.0 in) Area	0.08 mm	0.003 in
• Surface Flatness - Block Deck - Measuring the Overall Length of the Cylinder Head	0.1 mm	0.004 in
• Surface Flatness - Exhaust Manifold Deck	0.13 mm	0.005 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.0031 in
• Valve Guide Installed Height - Measured from the Spring Seat Surface to the Top of the Guide	17.32 mm	0.682 in
Intake Manifold		
• Surface Flatness - Measured at Gasket Sealing Surfaces and Measured Within a 200 mm (7.87 in) Area that Includes 2 Runner Port Openings	0.3 mm	0.118 in
Lubrication System		
• Oil Capacity - with Filter	5.68 liters	6.0 quarts
• Oil Capacity - without Filter	4.73 liters	5.0 quarts

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Oil Pressure - Minimum - Hot 	41 kPa at 1,000 engine RPM 124 kPa at 2,000 engine RPM 165 kPa at 4,000 engine RPM	6 psig at 1,000 engine RPM 18 psig at 2,000 engine RPM 24 psig at 4,000 engine RPM
Oil Pan		
<ul style="list-style-type: none"> Front Cover Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Rear Housing Alignment - at Oil Pan Surface 	0.0-0.5 mm	0.0-0.02 in
<ul style="list-style-type: none"> Oil Pan Alignment - to Rear of Engine Block at Transmission Bell Housing Mounting Surface 	0.0-0.1 mm	0.0-0.004 in
Piston Rings		
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Production 	0.31-0.52 mm	0.012-0.02 in
<ul style="list-style-type: none"> Piston Ring End Gap - First Compression Ring - Measured in Cylinder Bore - Service 	0.31-0.59 mm	0.0122-0.023 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Production 	0.51-0.77 mm	0.02-0.03 in
<ul style="list-style-type: none"> Piston Ring End Gap - Second Compression Ring - Measured in Cylinder Bore - Service 	0.51-0.84 mm	0.02-0.033 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Production 	0.31-0.87 mm	0.0122-0.034 in
<ul style="list-style-type: none"> Piston Ring End Gap - Oil Control Ring - Measured in Cylinder Bore - Service 	0.31-0.94 mm	0.0122-0.037 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Production 	0.035-0.08 mm	0.0014-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - First Compression Ring - Service 	0.035-0.08 mm	0.0014-0.0031 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Production 	0.034-0.079 mm	0.0013-0.003 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Second Compression Ring - Service 	0.034-0.079 mm	0.0013-0.003 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Production 	0.012-0.2 mm	0.00047-0.00078 in
<ul style="list-style-type: none"> Piston Ring to Groove Clearance - Oil Control Ring - Service 	0.012-0.2 mm	0.00047-0.00078 in
Pistons and Pins		
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Production 	0.002-0.01 mm	0.00008-0.0004 in
<ul style="list-style-type: none"> Pin - Piston Pin Clearance to Piston Pin Bore - Service 	0.002-0.015 mm	0.00008-0.0006 in
<ul style="list-style-type: none"> Pin - Piston Pin Diameter 	23.952-23.955 mm	0.943-0.943 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Production 	0.007-0.02 mm	0.00027-0.00078 in
<ul style="list-style-type: none"> Pin - Piston Pin Fit in Connecting Rod Bore - Service 	0.007-0.022 mm	0.00027-0.00086 in
<ul style="list-style-type: none"> Piston - Piston Diameter - Measured Over Coating - at Size Point 	101.611-101.642 mm	4.0-4.001 in

Application	Specification	
	Metric	English
<ul style="list-style-type: none"> Piston - Piston to Bore Clearance - Production 	-0.022 to +0.030 mm	-0.0009 to +0.0012 in
<ul style="list-style-type: none"> Piston - Piston to Bore Clearance - With Skirt Coating Worn Off - Service 	0.024-0.08 mm	0.00094- 0.0031 in
Valve System		
<ul style="list-style-type: none"> Valves - Valve Face Angle 	45 degrees	
<ul style="list-style-type: none"> Valves - Valve Face Width 	1.25 mm	0.05 in
<ul style="list-style-type: none"> Valves - Valve Lash 	Net Lash - No Adjustment	
<ul style="list-style-type: none"> Valves - Valve Lift - Intake 	11.83 mm	0.466 in
<ul style="list-style-type: none"> Valves - Valve Lift - Exhaust 	12.11 mm	0.477 in
<ul style="list-style-type: none"> Valves - Valve Seat Angle 	46 degrees	
<ul style="list-style-type: none"> Valves - Valve Seat Runout 	0.05 mm	0.002 in
<ul style="list-style-type: none"> Valves - Valve Seat Width - Exhaust 	1.78 mm	0.07 in
<ul style="list-style-type: none"> Valves - Valve Seat Width - Intake 	1.02 mm	0.04 in
<ul style="list-style-type: none"> Valves - Valve Stem Diameter - Production 	7.955-7.976 mm	0.313-0.314 in
<ul style="list-style-type: none"> Valves - Valve Stem Diameter - Service 	7.95 mm	0.313 in
<ul style="list-style-type: none"> Valves - Valve Stem-to-Guide Clearance - Production - Intake 	0.025-0.066 mm	0.001-0.0026 in
<ul style="list-style-type: none"> Valves - Valve Stem-to-Guide Clearance - Service - Intake 	0.093 mm	0.0037 in
<ul style="list-style-type: none"> Valves - Valve Stem-to-Guide Clearance - Production - Exhaust 	0.025-0.066 mm	0.001-0.0026 in
<ul style="list-style-type: none"> Valves - Valve Stem-to-Guide Clearance - Service - Exhaust 	0.093 mm	0.0037 in
<ul style="list-style-type: none"> Rocker Arms - Valve Rocker Arm Ratio 	1.70:1	
<ul style="list-style-type: none"> Valve Springs - Valve Spring Free Length 	52.9 mm	2.08 in
<ul style="list-style-type: none"> Valve Springs - Valve Spring Installed Height 	45.75 mm	1.8 in
<ul style="list-style-type: none"> Valve Springs - Valve Spring Load - Closed 	340 N at 45.75 mm	76 lb at 1.8 in
<ul style="list-style-type: none"> Valve Springs - Valve Spring Load - Open 	980 N at 33.55 mm	220 lb at 1.32 in

Fastener Tightening Specifications - 4.8L, 5.3L, 6.0L

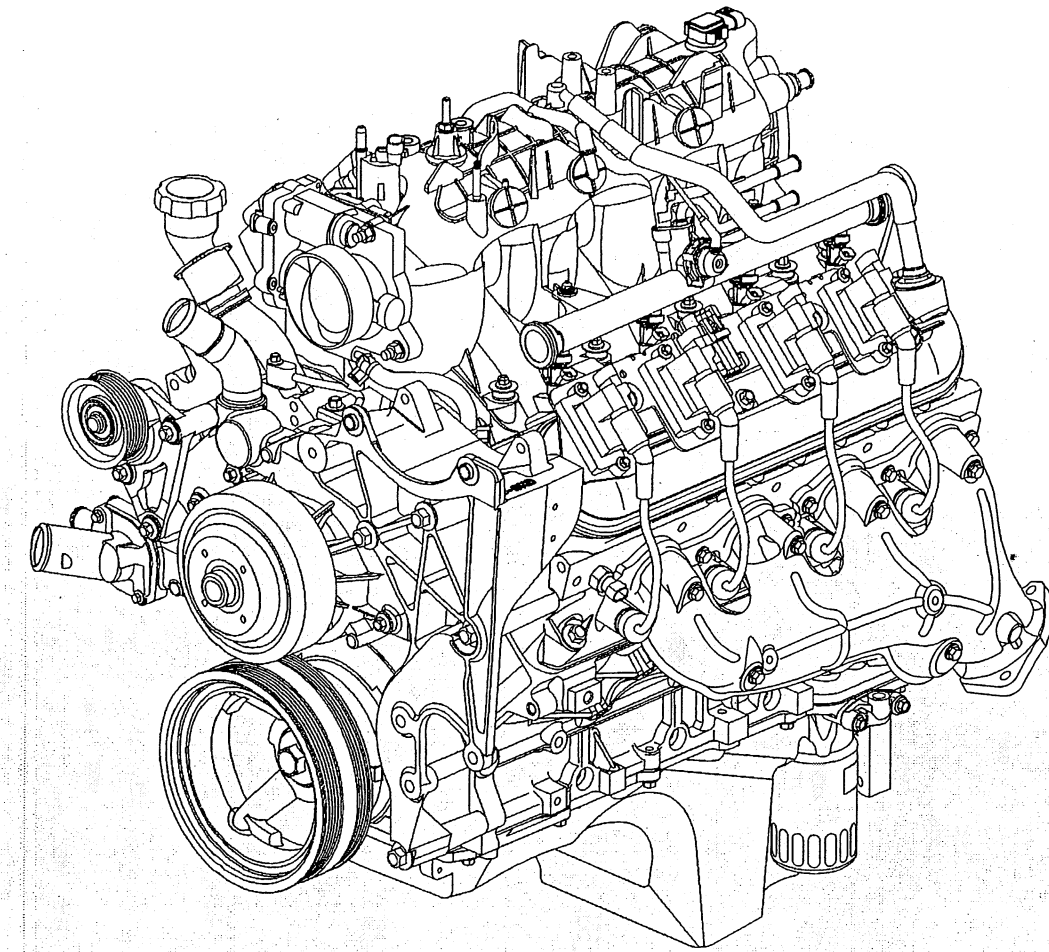
Application	Specification	
	Metric	English
3-Phase Cable Bracket Cover Bolt - RPO HP2	9 N·m	80 lb in
3-Phase Cable Bracket Nut - RPO HP2	15 N·m	11 lb ft
3-Phase Cable Nut-to-Starter/Generator - RPO HP2	14 N·m	10 lb ft
3-Phase Cable Nut-to-Starter/Generator Control Module (SGCM) - RPO HP2	15 N·m	11 lb ft
Air Cleaner Outlet Duct Clamp Screw	7 N·m	62 lb in
Air Conditioning (A/C) Belt Tensioner Bolt	50 N·m	37 lb ft
Air Conditioning (A/C) Compressor Bolt	50 N·m	37 lb ft
Air Conditioning (A/C) Discharge Hose Bolt	16 N·m	12 lb ft
Air Conditioning (A/C) Suction Hose Bolt	16 N·m	12 lb ft
Auxiliary Heater Water Pump Bracket Bolt - RPO HP2	15 N·m	11 lb ft
Battery Cable Channel Bolt	12 N·m	106 lb in
Battery Cable Junction Block Bracket Bolt - RPO HP2	9 N·m	80 lb in
Camshaft Position (CMP) Sensor Bolt	25 N·m	18 lb ft
Camshaft Retainer Bolt - Hex Head Bolt	25 N·m	18 lb ft
Camshaft Retainer Bolt - TORX® Head Bolt	15 N·m	11 lb ft
Camshaft Sprocket Bolts	35 N·m	26 lb ft
Clutch Pressure Plate Bolt	70 N·m	53 lb ft
Connecting Rod Bolts - First Pass	20 N·m	15 lb ft
Connecting Rod Bolts - Final Pass	75 degrees	
Coolant Temperature Sensor	20 N·m	15 lb ft
Crankshaft Balancer Bolt - Installation Pass - to Ensure the Balancer is Completely Installed	330 N·m	240 lb ft
Crankshaft Balancer Bolt - First Pass - Install a NEW Bolt After the Installation Pass and Tighten as Described in the First and Final Passes	50 N·m	37 lb ft
Crankshaft Balancer Bolt - Final Pass	140 degrees	
Crankshaft Bearing Cap M8 Bolts	25 N·m	18 lb ft
Crankshaft Bearing Cap M10 Bolts - First Pass in Sequence	20 N·m	15 lb ft
Crankshaft Bearing Cap M10 Bolts - Final Pass in Sequence	80 degrees	
Crankshaft Bearing Cap M10 Studs - First Pass in Sequence	20 N·m	15 lb ft
Crankshaft Bearing Cap M10 Studs - Final Pass in Sequence	51 degrees	
Crankshaft Oil Deflector Nut	25 N·m	18 lb ft
Crankshaft Position (CKP) Sensor Bolt	25 N·m	18 lb ft
Crossbar Bolt	100 N·m	74 lb ft
Cylinder Head M8 Bolts - in Sequence	30 N·m	22 lb ft
Cylinder Head M11 Bolts - First Pass in Sequence	30 N·m	22 lb ft
Cylinder Head M11 Bolts - Second Pass in Sequence	90 degrees	
Cylinder Head M11 Bolts - Final Pass in Sequence	70 degrees	
Cylinder Head Coolant Plug	20 N·m	15 lb ft
Differential Carrier Lower Mounting Bolt/Nut	100 N·m	74 lb ft
Drive Belt Idler Pulley Bolt	50 N·m	37 lb ft
Drive Belt Tensioner Bolt	50 N·m	37 lb ft
Engine Block Coolant Drain Hole Plug	60 N·m	44 lb ft
Engine Block Coolant Heater	50 N·m	37 lb ft
Engine Block Oil Gallery Plugs	60 N·m	44 lb ft
Engine Coolant Air Bleed Pipe and Cover Bolts	12 N·m	106 lb in
Engine Coolant Fitting - RPO HP2	35 N·m	26 lb ft
Engine Harness Ground Bolt - Right Rear	16 N·m	12 lb ft
Engine Harness Ground Bolt-to-Block	25 N·m	18 lb ft

Application	Specification	
	Metric	English
Engine Mount Bolt	50 N·m	37 lb ft
Engine Mount Bracket Through Bolt	75 N·m	55 lb ft
Engine Mount-to-Engine Mount Bracket Bolt	65 N·m	50 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Engine Wiring Harness Bracket Nut	5 N·m	44 lb in
Evaporative Emission (EVAP) Canister Purge Solenoid Valve Bolt	10 N·m	89 lb in
Exhaust Manifold Bolts - First Pass	15 N·m	11 lb ft
Exhaust Manifold Bolts - Final Pass	25 N·m	18 lb ft
Exhaust Manifold Heat Shield Bolts	9 N·m	80 lb in
Flex Plate/Rotor Bolts - RPO HP2	100 N·m	74 lb ft
Flywheel Bolts - First Pass	20 N·m	15 lb ft
Flywheel Bolts - Second Pass	50 N·m	37 lb ft
Flywheel Bolts - Final Pass	100 N·m	74 lb ft
Front Cover Bolts	25 N·m	18 lb ft
Fuel Injection Fuel Rail Bolts	10 N·m	89 lb in
Fuel Rail Cover Bolt	9 N·m	80 lb in
Fuel Rail Crossover Tube Bolts	3.8 N·m	34 lb in
Fuel Rail Stop Bracket Bolt	50 N·m	37 lb ft
Generator Bracket Bolt	50 N·m	37 lb ft
Generator Cable Nut	9 N·m	80 lb in
Generator Coolant Inlet Hose Bolt - RPO HP2	10 N·m	89 lb in
Generator Coolant Outlet Pipe Stud - RPO HP2	6 N·m	53 lb in
Heater Hose Bracket Nut	9 N·m	80 lb in
Hood Hinge Bolt	25 N·m	18 lb ft
Ignition Coil Bracket-to-Valve Rocker Arm Cover Stud	12 N·m	106 lb in
Ignition Coil-to-Bracket Bolts	10 N·m	89 lb in
Inner Axle Housing Nut	100 N·m	74 lb ft
Intake Manifold Bolts - First Pass in Sequence	5 N·m	44 lb in
Intake Manifold Bolts - Final Pass in Sequence	10 N·m	89 lb in
Intake Manifold Sight Shield Bolt	10 N·m	89 lb in
Intake Manifold Sight Shield Retainer Bolt	5 N·m	44 lb in
Intake Manifold Wiring Harness Stud	10 N·m	89 lb in
J 41712 M8 Bolt	25 N·m	18 lb ft
J 41712 M10 Bolts	50 N·m	37 lb ft
J 42286-A Bolt	50 N·m	37 lb ft
J 46093 Bolt	50 N·m	37 lb ft
Knock Sensors	20 N·m	15 lb ft
Oil Filter	30 N·m	22 lb ft
Oil Filter Fitting	55 N·m	40 lb ft
Oil Level Indicator Tube Bolt	25 N·m	18 lb ft
Oil Level Sensor	13 N·m	115 lb in
Oil Pan Baffle Bolts	12 N·m	106 lb in
Oil Pan Closeout Cover Bolt - Left Side	12 N·m	106 lb in
Oil Pan Closeout Cover Bolt - Right Side	12 N·m	106 lb in
Oil Pan Cover Bolts	12 N·m	106 lb in
Oil Pan Drain Plug	25 N·m	18 lb ft
Oil Pan M6 Bolts - Oil Pan-to-Rear Housing	12 N·m	106 lb in
Oil Pan M8 Bolts - Oil Pan-to-Engine Block and Oil Pan-to-Front Cover	25 N·m	18 lb ft
Oil Pan Skid Plate Bolt	20 N·m	15 lb ft
Oil Pressure Sensor	35 N·m	26 lb ft
Oil Pump Cover Bolts	12 N·m	106 lb in

Application	Specification	
	Metric	English
Oil Pump Relief Valve Plug	12 N·m	106 lb in
Oil Pump Screen Nuts	25 N·m	18 lb ft
Oil Pump Screen-to-Oil Pump Bolt	12 N·m	106 lb in
Oil Pump-to-Engine Block Bolts	25 N·m	18 lb ft
Positive Battery Cable Clip Bolt	9 N·m	80 lb in
Power Steering Pump Bolt - RPO HP2	25 N·m	18 lb ft
Power Steering Pump Bracket Bolt - RPO HP2	25 N·m	18 lb ft
Power Steering Pump Harness Bolt - RPO HP2	25 N·m	18 lb ft
Power Steering Pump Harness Ground Bolt - RPO HP2	25 N·m	18 lb ft
Power Steering Pump Rear Bolt	50 N·m	37 lb ft
Rear Oil Seal Housing Bolts	30 N·m	22 lb ft
Spark Plugs	15 N·m	11 lb ft
Starter/Generator Control Module (SGCM) Cover Bolts - RPO HP2	9 N·m	80 lb in
Stator Stud - RPO HP2	16 N·m	12 lb ft
Throttle Body Nuts	10 N·m	89 lb in
Throttle Body Studs	6 N·m	53 lb in
Torque Converter Bolt - 4L60-E/4L65-E Transmissions	63 N·m	47 lb ft
Torque Converter Bolt - 4L80-E/4L85-E Transmissions	60 N·m	44 lb ft
Transmission Bolt/Stud	50 N·m	37 lb ft
Transmission Cover Bolt	12 N·m	106 lb in
Transmission Nut - RPO HP2	12 N·m	106 lb in
Transmission Oil Level Indicator Tube Nut	18 N·m	13 lb ft
Valley Cover Bolts	25 N·m	18 lb ft
Valve Lifter Guide Bolts	12 N·m	106 lb in
Valve Rocker Arm Bolts	30 N·m	22 lb ft
Valve Rocker Arm Cover Bolts	12 N·m	106 lb in
Water Inlet Housing Bolts	15 N·m	11 lb ft
Water Pump Bolts - First Pass	15 N·m	11 lb ft
Water Pump Bolts - Final Pass	30 N·m	22 lb ft

Engine Component Description

The 4.8, 5.3, and 6.0 Liter V8 Engines



The 4.8, 5.3, and 6.0 liter V8 engines are identified as RPO LR4 VIN V (4.8L), RPO LM7 VIN T (5.3L), RPO L33 VIN B (5.3L), RPO L59 VIN Z (5.3L), RPO LQ4 VIN U (6.0L), and RPO LQ9 VIN N (6.0L).

Camshaft and Drive System

A billet steel one piece camshaft is supported by five bearings pressed into the engine block. The camshaft has a machined camshaft sensor reluctor ring incorporated between the fourth and fifth bearing journals. The camshaft timing sprocket is mounted to the front of the camshaft and is driven by the crankshaft sprocket through the camshaft timing chain. The splined crankshaft sprocket is positioned to the crankshaft by a key and keyway. The crankshaft sprocket splines drive the oil pump driven gear. A retaining plate mounted to the front of the engine block maintains camshaft location.

Crankshaft

The crankshaft is cast nodular iron. The crankshaft is supported by five crankshaft bearings. The bearings are retained by crankshaft bearing caps which are machined with the engine block for proper alignment and clearance. The crankshaft journals are undercut and rolled. The center main journal is the thrust journal. A crankshaft position reluctor ring is press fit mounted at the rear of the crankshaft. The reluctor ring is not serviceable separately. All crankshafts will have a short rear flange, at the crankshaft rear oil seal area. Certain 4.8L manual transmissions and 6.0L applications require a spacer between the rear of the crankshaft and the flywheel for proper flywheel positioning. Longer bolts are required in applications using the spacer.

Cylinder Heads

The cylinder heads are cast aluminum and have pressed in place powdered metal valve guides and valve seats. Passages for the engine coolant air bleed system are at the front of each cylinder head. The valve rocker arm covers are retained to the cylinder head by four center mounted rocker arm cover bolts.

Engine Block

The engine block is a cam-in-block deep skirt 90 degree V configuration with five crankshaft bearing caps. The engine block is cast iron. The five crankshaft bearing caps each have four vertical M10 and two horizontal M8 mounting bolts. The camshaft is supported by five camshaft bearings pressed into the block.

Exhaust Manifolds

The exhaust manifolds are a one piece cast iron design. The exhaust manifolds direct exhaust gasses from the combustion chambers to the exhaust system. Each manifold also has an externally mounted heat shield that is retained by bolts.

Intake Manifold

The intake manifold is a one piece composite design that incorporates brass threaded inserts for mounting the fuel rail, throttle cable bracket, throttle body, evaporative emission (EVAP) solenoid, wire harness stud, engine sight shield and sight shield bracket. Each side of the intake manifold is sealed to the cylinder head by a nonreusable silicone sealing gasket and nylon carrier assembly. The electronically actuated throttle body bolts to the front of the intake manifold. The throttle body is sealed by a one piece push in place silicone gasket. The fuel rail assembly with eight separate fuel injectors is retained to the intake by four bolts. The injectors are seated into their individual manifold bores with O-ring seals to provide sealing. A fuel rail stop bracket is retained to the rear of the left cylinder head by a mounting bolt. The manifold absolute pressure (MAP) sensor is installed and retained to the top rear of the intake manifold and sealed by an O-ring seal. The EVAP solenoid is mounted to the top front of the intake manifold and retained by one bolt. There are no coolant passages within the intake manifold.

Oil Pan

The structural oil pan is cast aluminum. Incorporated into the design are the oil filter mounting boss, drain plug opening, oil level sensor mounting bore, and oil pan baffle. The oil pan transfer cover and oil level sensor mount to the sides of the oil pan. The alignment of the structural oil pan to the rear of the engine block and transmission bell housing is critical.

Piston and Connecting Rod Assembly

The pistons are cast aluminum. The pistons use two compression rings and one oil control ring assembly. The piston is a low friction, lightweight design with a flat or recessed top and barrel shaped skirt. The piston pins are chromium steel, have floating fit in the piston, and are retained by a press fit in the connecting rod. 6.0L LQ9 applications will have full-floating pistons/pins retained by internal clips. The connecting rods are powdered metal. The connecting rods are fractured at the connecting rod journal and then machined for the proper clearance. 2003 applications use a piston with a graphite coated skirt. The piston, pin, and connecting rod are to be serviced as an assembly.

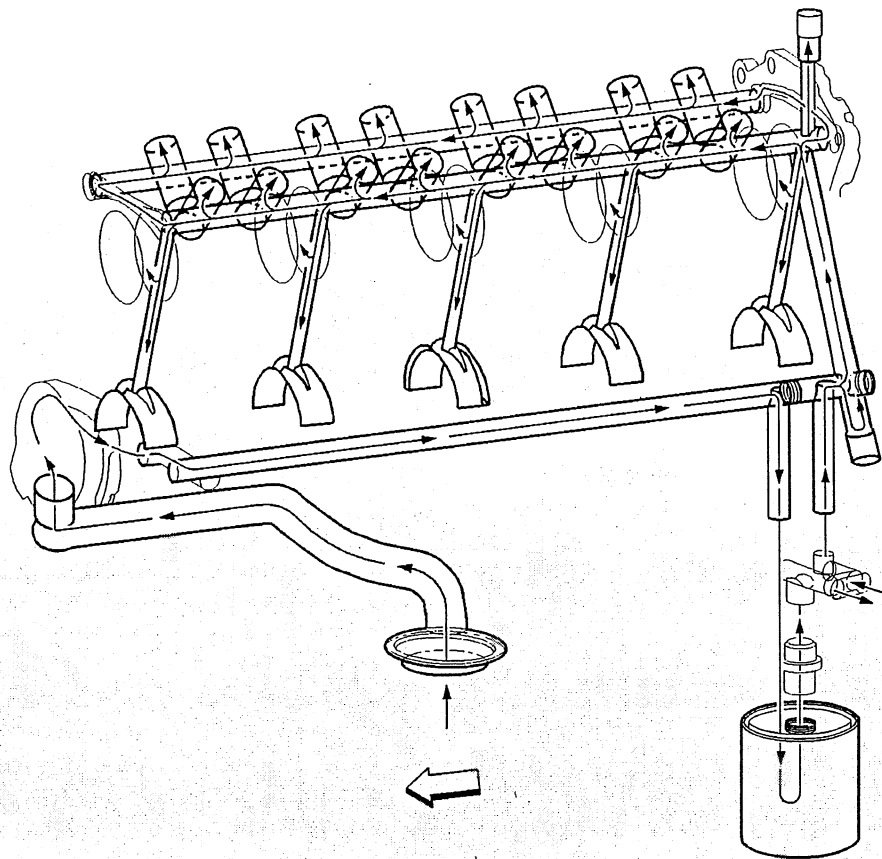
Valve Rocker Arm Cover Assemblies

The valve rocker arm covers are cast aluminum and use a pre-molded silicon gasket for sealing. Mounted to each rocker cover are the coil and bracket assemblies. Incorporated into the covers are the oil fill tube, the positive crankcase ventilation (PCV) system passages, and the engine fresh air passages.

Valve Train

Motion is transmitted from the camshaft through the hydraulic roller valve lifters and tubular pushrods to the roller type rocker arms. The nylon valve lifter guides position and retain the valve lifters. The valve rocker arms for each bank of cylinders are mounted on pedestals, pivot supports. Each rocker arm is retained on the pivot support and cylinder head by a bolt. Valve lash is net build.

Lubrication Description



Engine lubrication is supplied by a gerotor type oil pump assembly. The pump is mounted on the front of the engine block and driven directly by the crankshaft sprocket. The pump gears rotate and draw oil from the oil pan sump through a pick-up screen and pipe. The oil is pressurized as it passes through the pump and is sent through the engine block oil galleries. Contained within the oil pump assembly is a pressure relief valve that maintains oil pressure within a specified range. Pressurized oil is directed through the lower gallery to the full flow oil filter where harmful contaminants are removed. A bypass valve is incorporated into the oil pan, at the oil filter boss, which will permit oil flow in the event the filter becomes restricted. At the rear of the block, oil is then directed to the upper main oil galleries which are drilled just above the camshaft assembly. From there oil is then directed to the crankshaft and camshaft bearings. Oil that has entered the upper main oil galleries also pressurizes the valve lifter assemblies and is then pumped through the pushrods to lubricate the valve rocker arms and valve stems. Oil returning to the pan is directed by the crankshaft oil deflector. Oil pressure and crankcase level are each monitored by individual sensors.

An external oil cooler is available on certain applications, all 6.0L. Oil is directed from the oil pump, through the lower main oil gallery to the full flow oil filter. Oil is then directed through the oil pan outlet oil gallery, located in the left rear of the oil pan, and to the external oil cooler via a hose assembly. Oil flows through the oil cooler and returns to the engine at the oil pan inlet oil gallery, located in the left rear of the oil pan. Oil is then directed to the upper main oil galleries and the remainder of the engine assembly.

Drive Belt System Description

See Drive Belt System Description above.

Crankcase Ventilation System Description

A closed crankcase ventilation system is used in order to provide a more complete scavenging of the crankcase vapors. Fresh air from the throttle body is supplied to the crankcase, mixed with blow-by gases, and then passed through a crankcase ventilation valve into the intake manifold.

The primary control is through the crankcase ventilation valve which meters the flow at a rate depending on manifold vacuum. To maintain idle quality, the crankcase ventilation valve restricts the flow when intake manifold vacuum is high. If abnormal operating conditions arise, the system is designed to allow excessive amounts of blow-by gases to back flow through the crankcase vent tube into the engine air inlet to be consumed by normal combustion.

Filtered fresh air is routed from up-stream of the throttle blade to the front of the right rocker arm cover via a formed rubber hose. To reduce the potential of oil pullover into the throttle bore area due to back flow of the ventilation system, the fitting in the right rocker arm cover is shielded from the rocker arms. From there fresh air and gases are routed through the crankcase and up to the opposite rocker arm cover where the positive crankcase ventilation (PCV) valve is located. Gases are then routed through a hose to the intake manifold.

Engine Mechanical –6.6L Diesel (RPO LLY)**Engine Mechanical Specifications**

Application	Specification	
	Metric	English
General		
Engine Type	90 degree V-8	
Displacement	6.6 Liter	402 cu in
RPO	LLY	
Bore	103 mm	4.0551 in
Stroke	99 mm	3.8976 in
Compression Ratio	17.5:1	
Engine Compression Test - Minimum	2069 KPa	300 psi
Idle Speed	680 RPM	
Firing Order	1-2-7-8-4-5-6-3	
Block		
Cylinder Bore Diameter - Service Limits	103.11 mm	4.0594 in
Cylinder Bore Diameter - Production Value	103.0-103.014 mm	4.0551-4.0557 in
Cylinder Bore Out-of-Round - Production Value	0.015 mm	0.0006 in
Cylinder Bore Taper - Production Value	0.015 mm	0.0006 in
Camshaft		
Camshaft Bearing Inside Diameter - Service Limit	61.07 mm	2.4043 in
Camshaft Bearing Inside Diameter - Production Value	61.00-61.03 mm	2.4016-2.4028 in
Camshaft End Play - Service Limit	0.2 mm	0.0079 in
Camshaft Journal Diameter - Service Limit	60.92 mm	2.3984 in
Camshaft Journal Diameter - Production Value	60.932-60.962 mm	2.3990-2.4001 in
Camshaft Lobe Lift - Exhaust - Production Value	5.907 mm	0.2326 in
Camshaft Lobe Lift - Intake - Production Value	7.273 mm	0.2863 in
Camshaft Runout - Service Limit	0.05 mm	0.0020 in
Cooling System		
Capacity @ Engine RPM	270 L/min @ 3172 RPM	
Thermostat Full Open Temperature	110 degrees C	230 degrees F
Turbocharger Coolant Bypass Valve	60 degrees C	140 degrees F
Connecting Rod		
Connecting Rod Bearing Clearance - Service Limit	0.10 mm	0.0039 in
Connecting Rod Bearing Clearance - Production Value	0.036-0.077 mm	0.0014-0.0030 in
Connecting Rod Bore Diameter - Bearing End - Production Value	62.958-62.979 mm	2.4789-2.4795 in
Connecting Rod Bore Diameter - Pin End - Service Limit	34.53 mm	1.3594 in
Connecting Rod Bore Diameter - Pin End - Production Value	34.512-34.522 mm	1.3587-1.3591 in
Connecting Rod Length	163.0 mm	6.42 in
Connecting Rod Side Clearance - Service Limit	0.54 mm	0.0213 in
Connecting Rod Side Clearance - Production Value	0.31-0.49 mm	0.0122-0.0193 in
Crankshaft		
Connecting Rod Journal Diameter - Service Limit	62.88 mm	2.4756 in
Connecting Rod Journal Diameter - Production Value	62.902-62.922 mm	2.4764-2.4772 in
Crankshaft End Play - Service Limit	0.54 mm	0.0213 in
Crankshaft End Play - Production Value	0.04-0.205 mm	0.0016-0.0081 in
Crankshaft Main Bearing Clearance - Service Limit	0.014 mm	0.0055 in
Crankshaft Main Bearing Clearance - Production Value	0.039-0.070 mm	0.0015-0.0028 in

Application	Specification	
	Metric	English
Crankshaft Main Journal Diameter - Service Limit	79.89 mm	3.1453 in
Crankshaft Main Journal Diameter - Production Value	79.905-79.925 mm	3.1459-3.1466 in
Crankshaft Runout - Service Limit	0.44 mm	0.0173 in
Crankshaft Runout - Production Value	0.05 mm	0.0020 in
Cylinder Head		
Surface Flatness - Block Deck - Service Limit	0.2 mm	0.0079 in
Surface Flatness - Block Deck - Production Value	0.075 mm	0.0030 in
Surface Flatness - Exhaust Manifold Deck - Production Value	0.1 mm	0.0039 in
Surface Flatness - Intake Manifold Deck - Production Value	0.1 mm	0.0039 in
Exhaust Manifold		
Surface Flatness- Production Value	0.3 mm	0.0118 in
Intake Manifold		
Surface Flatness - Production Value	0.3 mm	0.0118 in
Lubrication System		
Oil Capacity - with Filter	10 qt	9.5 L
Oil Capacity - without Filter	9.2 qt	8.7 L
Oil Pressure - Minimum- Hot - at idle	98 KPa	14 psi
Oil Pressure - Minimum - 1800 RPM	294 KPa	42 psi
Oil Relief Valve Opening Pressure	441 KPa	64 psi
Piston Cooling Jet Valve Opening Pressure	196 KPa	29 psi
Oil Pump		
Gear Shaft Outside Diameter - Drive - Service Limit	19.86 mm	0.7819 in
Gear Shaft Outside Diameter - Drive - Production Value	19.947-19.960 mm	0.7853-0.7858 in
Gear Shaft Outside Diameter - Driven - Service Limit	19.86 mm	0.7819 in
Gear Shaft Outside Diameter - Driven - Production Value	19.947-19.960 mm	0.7853-0.7858 in
Gear Shaft-to-Bushing - Service Limit Clearance	0.14 mm	0.0055 in
Gear-to-Cover Clearance - Drive/Driven - Service Limit	0.109 mm	0.0043 in
Gear-to-Cover Clearance - Drive/Driven - Production Value	0.064-0.109 mm	0.0025-0.0043 in
Gear-to-Housing Clearance - Drive/Driven - Service Limit	0.22 mm	0.0087 in
Gear-to-Housing Clearance - Drive/Driven - Production Value	0.125-0.221 mm	0.0049-0.0087 in
Piston Rings		
Piston Ring End Gap-First Compression Ring - Service Limit	1.37 mm	0.0539 in
Piston Ring End Gap-First Compression Ring - Production Value	0.3-0.45 mm	0.0118-0.0177 in
Piston Ring End Gap-Second Compression Ring - Service Limit	1.35 mm	0.0531 in
Piston Ring End Gap-Second Compression Ring - Production Value	0.50-0.65 mm	0.0197-0.0256 in
Piston Ring End Gap-Oil Control Ring - Service Limit	1.20 mm	0.0472 in
Piston Ring End Gap-Oil Control Ring - Production Value	0.15-0.35 mm	0.0059-0.0138 in
Piston Ring to Groove Clearance-First Compression Ring - Service Limit	0.26 mm	0.0102 in
Piston Ring to Groove Clearance-First Compression Ring - Production Value	0.08-0.17 mm	0.0030-0.0067 in
Piston Ring to Groove Clearance-Second Compression Ring - Service Limit	0.10 mm	0.0039 in

Application	Specification	
	Metric	English
Piston Ring to Groove Clearance-Second Compression Ring - Production Value	0.01-0.03 mm	0.0004-0.0012 in
Piston Ring to Groove Clearance-Oil Control Ring - Service Limit	0.12 mm	0.0047 in
Piston Ring to Groove Clearance-Oil Control Ring - Production Value	0.01-0.03 mm	0.0004-0.0012 in
Pistons and Pins		
Piston-Piston Diameter	102.948-102.960 mm	4.0531-4.0535 in
Piston-Piston Pin Bore Diameter	34.504-34.512 mm	1.3584-1.3587 in
Pin-Piston Pin Clearance to Piston Pin Bore - Service Limit	0.017 mm	0.0007 in
Pin-Piston Pin Clearance to Piston Pin Bore - Production Value	0.004-0.017 mm	0.0002-0.0007 in
Pin-Piston Pin Diameter - Service Limit	34.45 mm	1.3563 in
Pin-Piston Pin Diameter - Production Value	34.495-34.5 mm	1.3581-1.3583 in
Starter		
Rated Output	3.5 KW	
Turbocharger		
Axial Play	0.11 mm	0.0043 in
Radial Play	0.20 mm	0.0079 in
Valve System		
Valves-Valve Face Angle - Production Value	45 degrees	
Valves-Valve Face Width - Service Limit	2.5 mm	0.0984 in
Valves-Valve Face Width - Production Value	2.1 mm	0.0827 in
Valves-Valve Head Diameter - Exhaust	31.0 mm	1.22 in
Valves-Valve Head Diameter - Intake	33.0 mm	1.30 in
Valves-Valve Seat Angle	45 degrees	
Valves-Valve Stem Diameter	7.0 mm	0.28 in
Valves-Valve Stem Oil Seal Installed Height	6.05 mm	0.2382 in
Valves-Valve Stem-to-Guide Clearance - Service Limit	0.20 mm	0.0079 in
Valves-Valve Stem-to-Guide Clearance - Exhaust - Production Value	0.038-0.071 mm	0.0015-0.0028 in
Valves-Valve Stem-to-Guide Clearance - Intake - Production Value	0.030-0.063 mm	0.0012-0.0025 in
Valves-Valve Stem-to-Guide Clearance	0.20 mm	0.0079 in
Valve Lifters/Push Rods-Push Rod Straightness	0.8 mm	0.0315 in
Rocker Arms-Valve Rocker Arm Bore Diameter	22.010-22.035 mm	0.8665-0.8675 in
Rocker Arms-Valve Rocker Arm Bore-to-Shaft Clearance - Service Limit	0.20 mm	0.0079 in
Rocker Arms-Valve Rocker Arm Bore-to-Shaft Clearance - Production Value	0.010-0.056 mm	0.0004-0.0022 in
Rocker Arms-Valve Rocker Arm Ratio - Exhaust	1.69:1	
Rocker Arms-Valve Rocker Arm Ratio - Intake	1.36:1	
Rocker Arms-Valve Rocker Arm Shaft Diameter - Service Limit	21.85 mm	0.8602 in
Rocker Arms-Valve Rocker Arm Shaft Diameter - Production Value	21.979-22.000 mm	0.8653-0.8661 in
Valve Springs-Valve Spring Free Length - Production Value	56.6 mm	2.2283 in
Valve Springs-Valve Spring Installed Height - Production Value	41 mm	1.6142 in

Application	Specification	
	Metric	English
Valve Springs-Valve Spring Load - Exhaust - Service Limit	275 N at 41 mm	61.8 lb at 1.61 in
Valve Springs-Valve Spring load - Exhaust - Production Value	315-363 N at 41 mm	71-81.6 lb at 1.61 in
Valve Springs-Valve Spring Load - Intake - Service Limit	306 N at 41 mm	68.8 lb at 1.61 in
Valve Springs-Valve Spring Load - Intake - Production Value	315-363 N at 41 mm	71-81.6 lb at 1.61 in

Fastener Tightening Specifications

Application	Specification	
	Metric	English
A/C Compressor Bolt	50 N·m	37 lb ft
Air Cleaner Outlet Duct Clamp	8 N·m	71 lb in
Air Conditioning Compressor/Power Steering Pump Bracket Bolt	46 N·m	34 lb ft
Air Inlet Tube Nut	25 N·m	18 lb ft
Battery Cable Bracket Bolt	12 N·m	106 lb in
Battery Cable Bracket Nut	8 N·m	71 lb in
Bypass Pipe Bolt	25 N·m	18 lb ft
Camshaft Gear Bolt	234 N·m	173 lb ft
Camshaft Position Sensor Bolt	10 N·m	89 lb in
Camshaft Position Sensor Exciter Ring Bolt	9 N·m	80 lb in
Camshaft Thrust Plate Bolt	22 N·m	16 lb ft
Charged Air Cooler Bolt	21 N·m	15 lb ft
Charged Air Cooler Clamp	8 N·m	71 lb in
Connecting Rod Cap Bolt - Angular Tightening Method	1st Step 64 N·m	1st Step 47 lb ft
	2nd Step 30 degrees	2nd Step 30 degrees
	3rd Step 30 degrees	3rd Step 30 degrees
Coolant Pipe Bolt and Nut	25 N·m	18 lb ft
Coolant Tube to Water Pump Nut	25 N·m	18 lb ft
Cooling Fan Pulley	41 N·m	30 lb ft
Crankshaft Balancer Bolt	1st Step 100 N·m	1st Step 74 lb ft
	2nd Step 90 degrees	2nd Step 90 degrees
Crankshaft Bearing Cap Bolt	1st Step 98 N·m	1st Step 72 lb ft
	2nd Step 132 N·m	2nd Step 97 lb ft
	3rd Step 30 degrees	3rd Step 30 degrees
Crankshaft Bearing Cap Bolt - Angular Tightening Method	1st Step 100 N·m	1st Step 74 lb ft
	2nd Step 90 degrees	2nd Step 90 degrees
Crankshaft Bearing Cap Side Bolt	70 N·m	52 lb ft
Crankshaft Position Sensor Bolt	10 N·m	89 lb in
Crankshaft Position Sensor Spacer Bolt	10 N·m	89 lb in
Crossmember Bolt	100 N·m	74 lb ft
Cylinder Head M12 Bolt - Angular Tightening Method	1st Step 50 N·m	1st Step 37 lb ft
	2nd Step 80 N·m	2nd Step 59 lb ft
	3rd Step 60 degrees	
	4th Step 90 degrees	
Cylinder Head M8 Bolt	25 N·m	18 lb ft
Drive Belt Tensioner Pulley Bolt	50 N·m	37 lb ft
EGR Bracket	25 N·m	18 lb ft

Application	Specification	
	Metric	English
EGR Bracket Bolt	25 N·m	18 lb ft
EGR Bracket to Cooler Bolt	25 N·m	18 lb ft
Electrical Harness Bracket Bolt	10 N·m	89 lb in
Engine Block Coolant Plug	18 N·m	13 lb ft
Engine Block Ground Bolt	34 N·m	25 lb ft
Engine Mount Through Bolt to Frame	75 N·m	55 lb ft
Engine Mount to Block Bolts	58 N·m	43 lb ft
Engine Mount to Frame Bolt	65 N·m	48 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Exhaust Heat Shield Nut	10 N·m	89 lb in
Exhaust Manifold Bolt/Nut	38 N·m	28 lb ft
Exhaust Manifold Heat Shield Bolts	10 N·m	89 lb in
Exhaust Outlet Heat Shield Bolts	10 N·m	89 lb in
Exhaust Pipe Bracket Nut	53 N·m	39 lb ft
Exhaust Pipe Clamp	53 N·m	39 lb ft
Exhaust Pipe Heat Shield Bolts	10 N·m	89 lb in
Fan Pulley Bracket Bolt	50 N·m	37 lb ft
Flywheel Bolt - Angular Tightening Method	1st Step 79 N·m	1st Step 58 lb ft
	2nd Step 60 degrees	2nd Step 60 degrees
	3rd Step 60 degrees	3rd Step 60 degrees
Flywheel Housing Bolt	80 N·m	60 lb ft
Flywheel Housing to Upper Oil Pan Bolt	50 N·m	37 lb ft
Front Engine Cover Bolt	25 N·m	18 lb ft
Fuel Filter Bracket Bolt	30 N·m	22 lb ft
Fuel Injection Control Module Bolt	20 N·m	15 lb ft
Fuel Injection Control Module Bracket Bolt	21 N·m	15 lb ft
Fuel Injection Control Module Connector Bolt	10 N·m	89 lb in
Fuel Injection Control Module Connector Bracket Bolt	21 N·m	15 lb ft
Fuel Injection Control Module Cooler Eye Bolt	27 N·m	20 lb ft
Fuel Injection Pipe Nut	41 N·m	30 lb ft
Fuel Injector Bracket Bolt	30 N·m	22 lb ft
Fuel Inlet Pipe Bracket Bolt	21 N·m	15 lb ft
Fuel Injection Pump Assembly to Cylinder Block Bolt	25 N·m	18 lb ft
Fuel Injection Pump to Bracket Bolt	28 N·m	20 lb ft
Fuel Injection Pump Drive Gear Nut	70 N·m	52 lb ft
Fuel Line Bracket Nut	21 N·m	15 lb ft
Fuel Temperature Sensor	22 N·m	16 lb ft
Fuel Pipes Bracket Bolt	25 N·m	18 lb ft
Fuel Rail Assembly Bolt	25 N·m	18 lb ft
Fuel Rail Balance Pipe Bolt	21 N·m	15 lb ft
Generator Bracket Bolt and Nut	50 N·m	37 lb ft
Generator Positive Cable Nut	9 N·m	80 lb in
Glow Plug	18 N·m	13 lb ft
Glow Plug Controller Bolt	10 N·m	89 lb in
Glow Plug Harness Bracket Bolt	10 N·m	89 lb in
Glow Plug Nut	2 N·m	18 lb in
Glow Plug Power Feed Nut	15 N·m	11 lb ft
Glow Plug Relay Assembly Bolt	10 N·m	89 lb in
Heater Outlet Pipe Bolt	25 N·m	18 lb ft
Heater Pipe Bolt	25 N·m	18 lb ft

Application	Specification	
	Metric	English
Hood Hinge Bolt	25 N·m	18 lb ft
Idle Pulley Bolt	50 N·m	37 lb ft
Injector Bracket Bolt	23 N·m	16 lb ft
Intake Manifold Bolts/Nuts	25 N·m	18 lb ft
Oil Cooler Adapter Bolts	25 N·m	18 lb ft
Oil Cooler Adapter Nuts	25 N·m	18 lb ft
Oil Cooler Assembly Bolts	25 N·m	18 lb ft
Oil Cooler Adapter Stud	10 N·m	89 lb in
Oil Drain Plug	84 N·m	62 lb ft
Oil Fill Tube Bolt	25 N·m	18 lb ft
Oil Filter	24 N·m	18 lb ft
Oil Gallery Plugs	53 N·m	39 lb ft
Oil Level Indicator Tube Bolt	21 N·m	15 lb ft
Oil Level Sensor Bolt	10 N·m	89 lb in
Oil Level Sensor Harness Bolt	40 N·m	29 lb ft
Oil Pan Bolts/Nuts - Lower	10 N·m	89 lb in
Oil Pan Bolt - Upper	20 N·m	15 lb ft
Oil Pan Skid Plate Bolt	20 N·m	15 lb ft
Oil Pressure Sensor Unit	41 N·m	30 lb ft
Oil Pressure Relief Valve	39 N·m	29 lb ft
Oil Pump Bolt	21 N·m	15 lb ft
Oil Pump Driven Gear Nut	100 N·m	74 lb ft
Oil Pump Gear Cover Bolt	21 N·m	15 lb ft
Oil Pump Pipe and Screen Assembly Bolts and Nuts	25 N·m	18 lb ft
Piston Cooling Nozzle Eye Bolt	21 N·m	15 lb ft
Positive Cable Junction Block Bracket to Power Steering Pump Bolt	9 N·m	80 lb in
Positive Crankcase Ventilation Cover Screws	4 N·m	35 lb in
Positive Crankcase Ventilation Oil Separator Bracket Nut	25 N·m	18 lb ft
Power Steering Pump Bracket Bolt	50 N·m	37 lb ft
Power Steering Pump Bolt	50 N·m	37 lb ft
Rocker Arm Shaft Bracket Bolt	41 N·m	30 lb ft
Starter Motor Bolt	78 N·m	58 lb ft
Transmission Fill Tube Nut	18 N·m	13 lb ft
Thermostat Housing Bolts/Nuts	25 N·m	18 lb ft
Thermostat Cover Bolt	25 N·m	18 lb ft
Torque Converter Bolt	60 N·m	44 lb ft
Transmission Oil Cooler Clip Nut	9 N·m	80 lb in
Turbocharger Bolt	108 N·m	80 lb ft
Turbocharger Boost Sensor Bolt	10 N·m	89 lb in
Turbocharger Coolant Outlet Pipe Bracket Nut	10 N·m	89 lb in
Turbocharger Heat Shield Bolts	10 N·m	89 lb in
Turbocharger Oil Return Pipe Stud	10 N·m	89 lb in
Turbocharger Oil Supply Hose Eye Bolt	26 N·m	19 lb ft
Turbocharger Oil Return Pipe Bolts/Nuts	25 N·m	18 lb ft
Upper Oil Pan to Flywheel Housing Screws	20 N·m	15 lb ft
Valve Adjusting Nut	22 N·m	16 lb ft
Valve Lifter Holdown Bracket Bolt	11 N·m	97 lb in
Valve Rocker Arm Cover Bolt - Lower	10 N·m	89 lb in
Valve Rocker Arm Cover Bolt - Upper	8 N·m (Two Times)	71 lb in (Two Times)
Water Outlet Bolts	25 N·m	18 lb ft

Application	Specification	
	Metric	English
Water Pump Bolt	25 N·m	18 lb ft
Water Pump Inlet Pipe Bolts	25 N·m	18 lb ft

Drive Belt System Description

See Drive Belt System Description above.

Engine Component Description

The engine block utilizes a deep skirt design for increased rigidity. The cylinders are positioned in a 90 degree "V" orientation with the number one cylinder being the right front. The block is induction hardened for increased durability. The crankshaft bearing caps are cross-bolted to enhance structural rigidity.

Upper Oil Pan

A single piece cast aluminum upper oil pan contributes to crankshaft and block rigidity while reducing overall weight.

Crankshaft

The crankshaft is a nitride hardened steel design with five main bearings. Crankshaft thrust is controlled by the number 5 bearing.

Connecting Rods

The connecting rods are one-piece hot forged steel. The connecting rods and caps are of a fractured split design to improve durability and reduce internal friction. The connecting rod small end is tapered cut for reduced weight and improved durability.

Pistons

The pistons are a full-floating design. The piston pins are a slip fit in the bronze bushed connecting rod and are retained in the piston by round wire retainers. The pistons have a piston cooling oil channel cast inside of the piston. These cooling oil channels utilize an oil jet located at the bottom of the cylinder bore to direct oil into the piston channel. There are two compression rings and one oil control ring. There is a groove machined into the pistons between the first and second compression rings. This groove reduces compression ring leakage by providing an empty space for expanding gases, reducing the combustion gas pressure on the second compression ring.

Cylinder Heads

The cylinder heads are made of aluminum for lighter weight and rapid heat dissipation. There are 4 valves per cylinder and the ports are of a high swirl design for improved combustion. The cylinder head gaskets consist of an all steel laminated construction.

Valve Train

The engine utilizes a mechanical roller lifter for valve operation. The shaft mounted rocker arms have roller tips for reduced friction and wear. One rocker arm operates two valves simultaneously through a valve bridge.

Fuel System

The fuel system is of a direct injection fuel rail design. A high pressure pump mounted within the valley is gear driven directly from the camshaft. This pump provides a continuous and constant high pressure fuel supply to the fuel rails. The electronically controlled fuel injectors receive their fuel supply from these fuel rails. The fuel injection control utilizes a pilot injection method to reduce the combustion noise that is common in traditional diesel engines. The pilot injection method reduces noise by supplying a small amount of fuel to the cylinder just before the normal combustion timing.

Fuel Injection Control Module

The fuel injection control module is mounted on the right front valve rocker arm cover. It is fuel cooled.

Turbocharger

The turbocharger is water cooled for improved durability.

Oil Cooler

The oil cooler lowers engine temperature by cooling the oil with engine coolant. Engine coolant is directed from the water pump to the oil cooler by a coolant tube. The oil filter attaches directly to the oil cooler.

Oil Pump

The oil pump is gear driven directly from the crankshaft. The oil pump drive gear is a slip fit to the crankshaft.

Water Pump

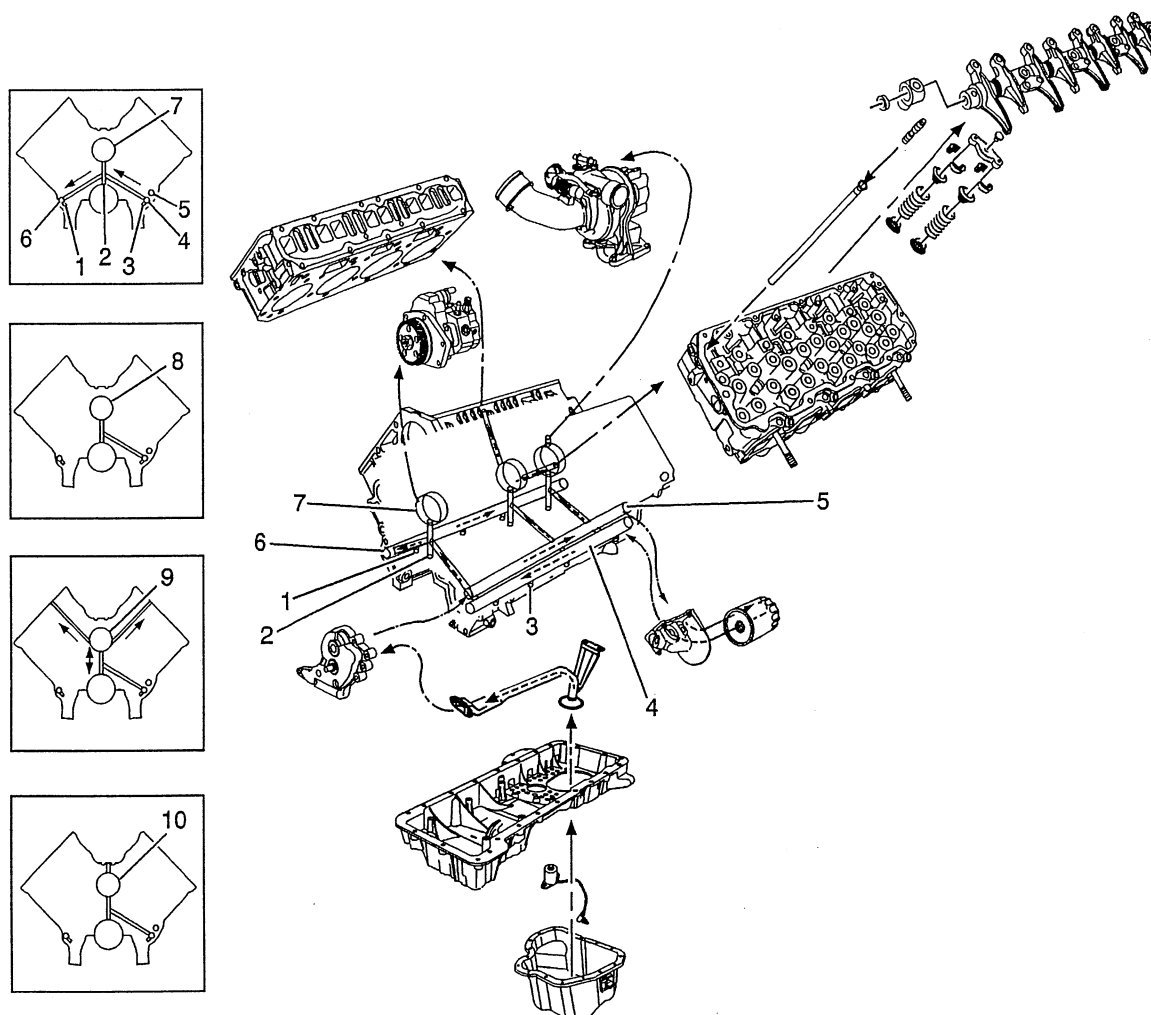
The water pump is gear driven for improved reliability.

Engine Covers

There is a front engine cover and a flywheel housing, both are made of aluminum. The full bell flywheel housing is cross bolted to the upper oil pan. The flywheel housing also supplies a crossover passage for engine coolant. The front engine cover houses the gear train and provides a mounting surface for the cooling fan pulley assembly.

Lubrication Description

Lubrication Flow Schematic



Engine lubrication is supplied by a gear type oil pump assembly. The pump is mounted on the front of the engine block and driven by the oil pump drive gear on the crankshaft. The pump gears rotate and draw oil from the oil pan sump through a pick-up screen and pipe. The oil is pressurized as it passes through the pump and is sent through the engine block oil galleries. Contained within the oil pump assembly is a safety relief valve that eliminates overpressurization. Pressurized oil is directed through the sub oil gallery (5) to the full flow oil filter where harmful contaminants are removed. Two bypass valves are incorporated into the oil cooler assembly which will permit oil flow in the event the filter or the oil cooler become restricted.

The oil is directed to the main oil gallery (4), and from the main oil gallery it flows to the piston cooling channel left bank (3), and the sub oil gallery (6) on the right bank. The sub oil gallery on the right bank supplies oil to the right bank piston cooling channel (1). Located in the front cover at the sub oil gallery (6) is an oil pressure relief valve which regulates oil pressure within operating range.

Oil flows from the main gallery (4) to the vertical crankshaft/camshaft bearing galleries (2). From the crankshaft/camshaft bearing galleries (2), the oil flows to both the camshaft bearings and the crankshaft main bearings. Oil flows from the crankshaft main bearings to the connecting rod big end.

Oil flows from the crankshaft/camshaft bearing galleries (2) to the number 1 camshaft bearing (7), where it splash lubricates the fuel injection pump gear.

Oil flows from the crankshaft/camshaft bearing galleries (2) to the number 2 and 5 camshaft bearings (8).

Oil flows from the crankshaft/camshaft bearing galleries (2) to the number 3 camshaft bearing (9), where it exits to both cylinder heads and enters the hollow rocker arm shafts. Oil flows through the rocker arm shafts and rocker arms where it lubricates the upper valve train components. Oil also flows through the rocker arms, through the passage in the valve adjusting screw, and into the hollow pushrods where it is directed to the valve lifters.

Oil flows from the crankshaft/camshaft bearing galleries (2) to the number 4 camshaft (10), where it exits into the turbocharger oil supply line to lubricate the turbocharger. Oil exiting the turbocharger is routed through the turbocharger oil return pipe and into the flywheel housing.

Crankcase Ventilation System Description

A crankcase ventilation system is used in order to provide a more complete scavenging of crankcase vapors. The air cleaner supplies fresh air through a filter to the crankcase. The crankcase mixes the fresh air with blow-by gases. This mixture then passes through a crankcase depression regulator valve into the intake manifold.

The primary control is through the crankcase depression regulator valve, which meters the flow at a rate depending on the crankcase pressure.

In order to maintain an idle quality, the crankcase depression regulator valve restricts the flow when the crankcase pressure is high. If abnormal operating conditions arise, the system is designed in order to allow the excessive amounts of blow-by gases to back flow through the crankcase vent tube into the air cleaner in order to be consumed by normal combustion.

Engine Mechanical – 8.1L (RPO L18 VIN G)**General Specifications**

Application	Specification	
	Metric	English
General		
• Engine Type	V8	
• Displacement	8.1L	496 CID
• RPO	L18	
• VIN - Light Duty	G	
• VIN - Medium Duty	G	
• Bore	107.95 mm	4.25 in
• Stroke	111.0 mm	4.37 in
• Compression Ratio	9.1:1	
• Firing Order	1-8-7-2-6-5-4-3	
• Spark Plug Gap	1.52 mm	0.06 in
Block		
• Crankshaft Main Bearing Bore Diameter	74.606-74.622 mm	2.9372-2.9379 in
• Cylinder Bore Diameter - Production	107.95-107.968 mm	4.25-4.2507 in
• Cylinder Bore Diameter - Service	107.94-107.99 mm	4.2496-4.2516 in
• Cylinder Bore Out-of-Round - Production, Maximum Minus Minimum Bore Diameter	0.018 mm	0.0007 in
• Cylinder Bore Out-of-Round - Service, Maximum Minus Minimum Bore Diameter	0.05 mm	0.002 in
• Cylinder Bore Taper - Production	0.018 mm	0.0007 in
• Cylinder Bore Taper - Service Thrust Axis	0.05 mm	0.002 in
• Cylinder Bore Taper - Service Pin Axis	0.05 mm	0.002 in
• Cylinder Head Deck Height - from Centerline of Crankshaft	259.875-260.125 mm	10.231-10.241 in
• Cylinder Head Deck Surface Flatness - Entire Face	0.1 mm	0.004 in
• Cylinder Head Deck Surface Flatness - Within 150 mm (6 in)	0.05 mm	0.002 in
• Valve Lifter Bore Diameter	21.417-21.443 mm	0.843-0.844 in
Camshaft		
• Camshaft Bearing Inside Diameter	49.548-49.573 mm	1.9507-1.9517 in
• Camshaft Journal Diameter	49.472-49.522 mm	1.9477-1.9497 in
• Camshaft Lobe Lift - Exhaust	6.973-7.075 mm	0.2745-0.2785 in
• Camshaft Lobe Lift - Intake	6.924-7.026 mm	0.2726-0.2766 in
• Camshaft Runout - Production	0.051 mm	0.002 in
• Camshaft Runout - Service	0.076 mm	0.003 in
Connecting Rod		
• Connecting Rod Bearing Clearance - Production	0.033-0.068 mm	0.0013-0.0027 in
• Connecting Rod Bearing Clearance - Service	0.033-0.081 mm	0.0013-0.0032 in
• Connecting Rod Side Clearance	0.384-0.686 mm	0.0151-0.027 in
Crankshaft		
• Connecting Rod Journal Diameter	55.854-55.87 mm	2.199-2.1996 in
• Connecting Rod Journal Out-of-Round - Production	0.0102 mm	0.0004 in
• Connecting Rod Journal Taper - Production	0.0102 mm	0.0004 in
• Crankshaft End Play	0.127-0.35 mm	0.005-0.0138 in

Application	Specification	
	Metric	English
• Crankshaft Main Bearing Clearance - #1, #2, #3, #4 Production	0.022-0.057 mm	0.0008-0.0022 in
• Crankshaft Main Bearing Clearance - #5 Production	0.034-0.069 mm	0.0013-0.0027 in
• Crankshaft Main Bearing Clearance - #1, #2, #3, #4 Service	0.022-0.089 mm	0.0008-0.0035 in
• Crankshaft Main Bearing Clearance - #5 Service Limit	0.035-0.102 mm	0.0014-0.004 in
• Crankshaft Main Journal Diameter	69.805-69.822 mm	2.7482-2.7489 in
• Crankshaft Main Journal Out-of-Round - Production	0.0102 mm	0.0004 in
• Crankshaft Main Journal Taper - Production	0.0102 mm	0.0004 in
• Crankshaft Runout - Production	0.05 mm	0.002 in
• Crankshaft Runout - Service	0.065 mm	0.0026 in
Cylinder Head		
• Cylinder Head Height/Thickness	259.875-260.125 mm	10.231-10.241 in
• Surface Flatness - Block Deck	0.05 mm	0.002 in
• Surface Flatness - Exhaust Manifold Deck	0.102 mm	0.004 in
• Surface Flatness - Intake Manifold Deck	0.08 mm	0.003 in
Exhaust Manifold		
• Surface Flatness	0.254 mm	0.01 in
Lubrication System		
• Oil Capacity - Without Filter	5.7L	6.0 Qts
• Oil Capacity - With Filter	6.15L	6.5 Qts
• Oil Pressure - Minimum	34 kPa @ 1,000 RPM	5 psi @ 1,000 RPM
• Oil Pressure - Minimum	69 kPa @ 2,000 RPM	10 psi @ 2,000 RPM
Piston Rings		
Piston Ring End Gap		
• First Compression Ring - Production	0.3-0.45 mm	0.012-0.018 in
• First Compression Ring - Service	0.45-0.675 mm	0.018-0.027 in
• Second Compression Ring - Production	0.45-0.65 mm	0.017-0.025 in
• Second Compression Ring - Service	0.675-0.975 mm	0.026-0.039 in
• Oil Control Ring - Production	0.249-0.759 mm	0.0098-0.0299 in
• Oil Control Ring - Service	0.373-1.138 mm	0.015-0.045 in
Piston Ring-to-Groove Clearance		
• First Compression Ring	0.031-0.074 mm	0.0012-0.0029 in
• Second Compression Ring	0.031-0.074 mm	0.0012-0.0029 in
• Oil Control Ring	0.051-0.203 mm	0.002-0.008 in
Piston and Pins		
Piston		
• Piston Diameter	Not Measurable	Not Measurable
• Piston-to-Bore Clearance	Interference Fit	Interference Fit
Pin		
• Pin-Piston Pin Fit in Connecting Rod Bore-Production	0.010-0.023 mm	0.0004-0.0009 in
• Pin-Piston Pin Fit in Connecting Rod Bore-Service	0.010-0.023 mm	0.0004-0.0009 in

Application	Specification	
	Metric	English
<ul style="list-style-type: none">Pin-Piston Pin Clearance-to-Piston Pin Bore-Production	0.003-0.011 mm	0.00019-0.00043 in
<ul style="list-style-type: none">Pin-Piston Pin Clearance-to-Piston Pin Bore-Service	0.003-0.011 mm	0.00019-0.00043 in
<ul style="list-style-type: none">Pin-Piston Pin Diameter	26.416-26.419 mm	1.039-1.040 in
Valve System		
Valves		
<ul style="list-style-type: none">Valve Face Angle - Exhaust	45 degrees	
<ul style="list-style-type: none">Valve Face Angle - Intake	45 degrees	
<ul style="list-style-type: none">Valve Head Diameter - Exhaust	43.69 mm	1.72 in
<ul style="list-style-type: none">Valve Head Diameter - Intake	55.63 mm	2.19 in
<ul style="list-style-type: none">Valve Lash - Exhaust	Net Lash	Net Lash
<ul style="list-style-type: none">Valve Lash - Intake	Net Lash	Net Lash
<ul style="list-style-type: none">Valve Seat Angle - Exhaust	46 degrees	
<ul style="list-style-type: none">Valve Seat Angle - Intake	46 degrees	
<ul style="list-style-type: none">Valve Seat Runout - Exhaust	0.05 mm	0.002 in
<ul style="list-style-type: none">Valve Seat Runout - Intake	0.05 mm	0.002 in
<ul style="list-style-type: none">Valve Seat Width - Exhaust	1.651-2.159 mm	0.060-0.095 in
<ul style="list-style-type: none">Valve Seat Width - Intake	0.8-1.2 mm	0.03-0.06 in
<ul style="list-style-type: none">Valve Stem Diameter - Exhaust	9.431-9.449 mm	0.3713-0.372 in
<ul style="list-style-type: none">Valve Stem Diameter - Intake	9.436-9.454 mm	0.3715-0.3722 in
<ul style="list-style-type: none">Valve Stem-to-Guide Clearance - Exhaust - Production	0.03-0.079 mm	0.0012-0.0031 in
<ul style="list-style-type: none">Valve Stem-to-Guide Clearance - Intake - Production	0.025-0.074 mm	0.001-0.0029 in
<ul style="list-style-type: none">Valve Stem-to-Guide Clearance - Exhaust - Service	0.03-0.104 mm	0.0012-0.0041 in
<ul style="list-style-type: none">Valve Stem-to-Guide Clearance - Intake - Service	0.025-0.099 mm	0.001-0.0039 in
Rocker Arms		
<ul style="list-style-type: none">Valve Rocker Arm Ratio	1.7:1	
Valve Springs		
<ul style="list-style-type: none">Valve Spring Free Length	56.35 mm	2.218 in
<ul style="list-style-type: none">Valve Spring Installed Height	45.92-46.69 mm	1.808-1.838 in
<ul style="list-style-type: none">Valve Spring Load - Closed	381-419 N at 45.92 mm	86-94 lb at 1.808 in
<ul style="list-style-type: none">Valve Spring Load - Open	964-1056 N at 33.99 mm	216-236 lb at 1.338 in

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Air Conditioning (A/C) Belt Tensioner Bolt	50 N·m	37 lb ft
Battery Cable Channel Bolt	9 N·m	80 lb in
Camshaft Position (CMP) Sensor Bolt	12 N·m	106 lb in
Camshaft Retainer Bolt	12 N·m	106 lb in
Camshaft Sprocket Bolt	30 N·m	22 lb ft
Connecting Rod Nut - First Pass	30 N·m	22 lb ft
Connecting Rod Nut - Final Pass	90 degrees	
Crankshaft Balancer Bolt	255 N·m	189 lb ft
Crankshaft Bearing Cap Bolts - First Pass	30 N·m	22 lb ft
Crankshaft Bearing Cap Bolts - Final Pass	90 degrees	
Crankshaft Bearing Cap Studs - First Pass	30 N·m	22 lb ft
Crankshaft Bearing Cap Studs - Final Pass	80 degrees	
Crankshaft Oil Deflector Nut	50 N·m	37 lb ft
Crankshaft Position (CKP) Sensor Bolt	12 N·m	106 lb in
Crossbar Bolt	100 N·m	74 lb ft
Cylinder Head Bolts - In Sequence		
• First Pass	30 N·m	22 lb ft
• Second Pass	30 N·m + 120 degrees	22 lb ft + 120 degrees
• Final Pass - Long Bolts #1, 2, 3, 6, 7, 8, 9, 10, 11, 14, 16, 17	60 degrees	
• Final Pass - Medium Bolts #15, 18	45 degrees	
• Final Pass - Short Bolts #4, 5, 12, 13	30 degrees	
Cylinder Head Coolant Hole Plug	50 N·m	37 lb ft
Drive Belt Idler Pulley Bolt	50 N·m	37 lb ft
Drive Belt Tensioner Bolt	50 N·m	37 lb ft
Engine Block Coolant Drain Hole M28 Plug - Left Front	60 N·m	44 lb ft
Engine Block Coolant Drain Hole Plug - Side	30 N·m	22 lb ft
Engine Block Coolant Heater	50 N·m	37 lb ft
Engine Block Oil Gallery Plug - Front	20 N·m	15 lb ft
Engine Block Oil Gallery Plug - Rear	30 N·m	22 lb ft
Engine Block Oil Gallery Plug - Side	30 N·m	22 lb ft
Engine Block Oil Gallery Plug - Top	20 N·m	15 lb ft
Engine Coolant Crossover Bolt	50 N·m	37 lb ft
Engine Coolant Temperature (ECT) Sensor	50 N·m	37 lb ft
Engine Coolant Temperature (ECT) Sensor Bracket Bolt	50 N·m	37 lb ft
Engine Harness Bolt	5 N·m	44 lb in
Engine Harness Ground Bolt	16 N·m	12 lb ft
Engine Harness Stud	10 N·m	89 lb in
Engine Lift Bracket Bolt	40 N·m	30 lb ft
Engine Mount-to-Engine Bolt	50 N·m	37 lb ft
Engine Mount Bracket Thru Bolt	75 N·m	55 lb ft
Engine Mount-to-Engine Mount Bracket Bolt	65 N·m	50 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Engine Sight Shield Bracket Nut	5 N·m	44 lb in
Engine Wiring Harness Bolt	16 N·m	12 lb ft
Evaporative Emission (EVAP) Canister Purge Solenoid Valve Bolt	8 N·m	71 lb in
Exhaust Gas Recirculation (EGR) Valve Opening Cover Nut	22 N·m	16 lb ft

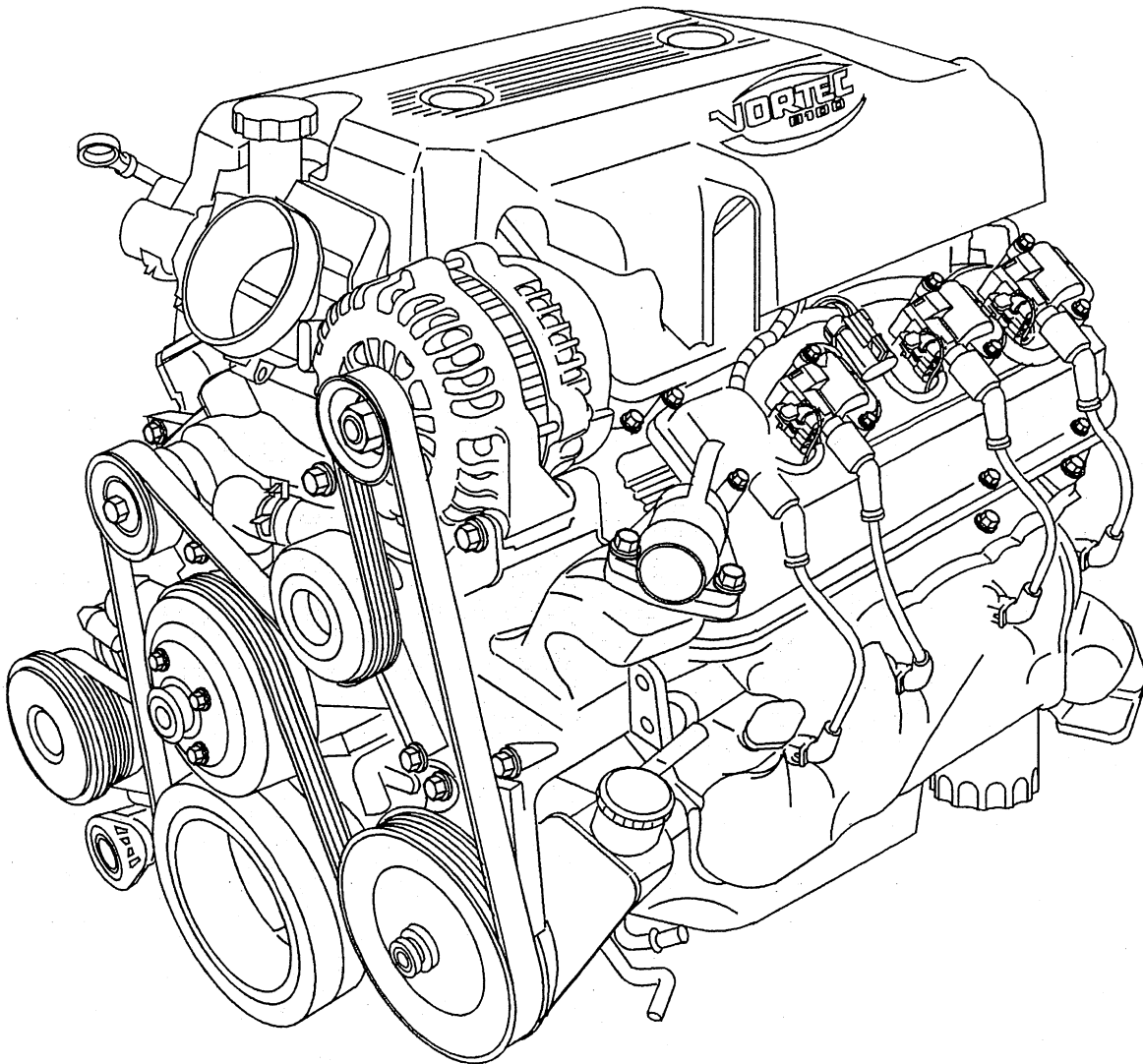
Application	Specification	
	Metric	English
Exhaust Gas Recirculation (EGR) Valve Opening Cover Stud	7 N·m	62 lb in
Exhaust Manifold Center Bolt	35 N·m	26 lb ft
Exhaust Manifold Nut	16 N·m	12 lb ft
Exhaust Manifold Stud	20 N·m	15 lb ft
Exhaust Manifold Heat Shield Bolt	25 N·m	18 lb ft
Exhaust Manifold Heat Shield Nut	25 N·m	18 lb ft
Flywheel Bolt - First Pass	40 N·m	30 lb ft
Flywheel Bolt - Second Pass	80 N·m	59 lb ft
Flywheel Bolt - Final Pass	100 N·m	74 lb ft
Front Cover Bolt - First Pass	6 N·m	53 lb in
Front Cover Bolt - Final Pass	12 N·m	106 lb in
Fuel Rail Bolt/Stud	12 N·m	106 lb in
Heater Hose Bracket Bolt	50 N·m	37 lb ft
Hood Hinge Bolt	25 N·m	18 lb ft
Ignition Coil Bolt	12 N·m	106 lb in
Ignition Coil Wiring Harness Bolt	12 N·m	106 lb in
Intake Manifold Bolts - First Pass In Sequence	5 N·m	44 lb in
Intake Manifold Bolts - Second Pass In Sequence	8 N·m	71 lb in
Intake Manifold Bolts - Third Pass In Sequence	12 N·m	106 lb in
Intake Manifold Bolt - Final Pass In Sequence	15 N·m	11 lb ft
J 36857 Bolt	40 N·m	30 lb ft
J 42847 Bolt	50 N·m	37 lb ft
Knock Sensor	20 N·m	15 lb ft
Knock Sensor Heat Shield Bolt	12 N·m	106 lb in
Manifold Absolute Pressure (MAP) Sensor Bolt	12 N·m	106 lb in
Oil Cooler Hose Fittings	23 N·m	17 lb ft
Oil Fill Tube Bolt	12 N·m	106 lb in
Oil Filter	38 N·m	28 lb ft
Oil Filter Fitting	66 N·m	49 lb ft
Oil Level Indicator Tube Bolt	25 N·m	18 lb ft
Oil Level Sensor	20 N·m	15 lb ft
Oil Pan Bolt - First Pass	10 N·m	89 lb in
Oil Pan Bolt - Final Pass	25 N·m	18 lb ft
Oil Pan Drain Plug	28 N·m	21 lb ft
Oil Pan Skid Plate Bolt	20 N·m	15 lb ft
Oil Pressure Sensor	30 N·m	22 lb ft
Oil Pump Bolt	75 N·m	56 lb ft
Oil Pump Cover Bolt	12 N·m	106 lb in
Oil Pump Drive Bolt	25 N·m	18 lb ft
Power Steering Pump Bracket Bolt/Nut	50 N·m	37 lb ft
Power Steering Pump Bracket Stud	20 N·m	15 lb ft
Spark Plug	30 N·m	22 lb ft
Throttle Body Nut	10 N·m	89 lb in
Throttle Body Stud	12 N·m	106 lb in
Valve Lifter Guide Retainer Bolt	25 N·m	18 lb ft
Valve Rocker Arm Cover Bolt - First Pass	6 N·m	53 lb in
Valve Rocker Arm Cover Bolt - Final Pass	12 N·m	106 lb in
Valve Rocker Arm Nut	35 N·m	26 lb ft
Valve Rocker Arm Stud	50 N·m	37 lb ft
Water Outlet Bolt/Stud	30 N·m	22 lb ft
Water Pump Bolt - First Pass	25 N·m	18 lb ft

Application	Specification	
	Metric	English
Water Pump Bolt - Final Pass	50 N·m	37 lb ft
Water Pump Pulley Bolt	25 N·m	18 lb ft

Drive Belt System Description

See Drive Belt System Description above.

Engine Component Description



The engine block is made of cast iron and it has eight cylinders arranged in a V shape with four cylinders in each bank. The engine block is a one piece casting with the cylinders encircled by coolant jackets.

Cylinder Head

The cylinder heads are made of cast iron and have parent metal intake valve guides and intake valve seats. The cast iron exhaust valve guides and powdered metal valve seats are pressed into the exhaust ports. A spark plug is located between the valves in the side of the cylinder head. The water crossover pipe attaches to the front of each cylinder head.

Camshaft

A steel camshaft is supported by five bearings pressed into the engine block. The camshaft sprocket is mounted to the front of the camshaft and is driven by the crankshaft sprocket through a camshaft timing chain.

Motion from the camshaft is transmitted to the valves by hydraulic roller valve lifters, valve push rods, and ball-pivot type rocker arms. A spiral gear machined into the camshaft near the rear journal drives a shaft assembly which operates the oil pump driveshaft assembly. Ignition synchronization with the camshaft is provided by a physical feature integral with the camshaft sprocket.

Crankshaft

The crankshaft is made of cast nodular iron. The crankshaft is supported by five crankshaft bearings. The crankshaft bearings are retained by the crankshaft bearing caps. The crankshaft bearing caps are machined with the engine block for proper alignment and clearance. The crankshaft bearing caps are retained by two bolts and two studs each. The number five crankshaft bearing at the rear of the engine block is the end thrust bearing. The four connecting rod journals (two rods per journal) are spaced 90 degrees apart. The crankshaft position sensor reluctor ring is pushed onto the rear of the crankshaft. The crankshaft position sensor reluctor is constructed of powdered metal. The reluctor ring has an interference fit onto the crankshaft and an internal keyway for correct positioning.

Pistons and Connecting Rods

The pistons are cast aluminum alloy that use two compression rings and one oil control ring assembly. The piston pins are a floating fit in the pistons and the piston pins are retained by a press fit in the connecting rod assembly. The pistons are coated in order to create an interference fit into the cylinder. The connecting rods are forged steel and have precision insert type crankpin bearings. The piston and connecting rod is only serviced as an assembly.

Valve Train

The valve train is a ball pivot type. Motion is transmitted from the camshaft through the hydraulic roller valve lifters and tubular valve push rods to the valve rocker arms. The valve rocker arm pivots on a ball in order to open the valve. The hydraulic roller valve lifters keep all parts of the valve train in constant contact. Each valve lifter acts as an automatic adjuster and maintains zero lash in the valve train. This eliminates the need for periodic valve adjustment. The valve rocker arm stud and nut retains the valve rocker arm and ball seat. The valve rocker arm stud is threaded into the cylinder head. The valve stem seal is pressed over the valve guide of the cylinder head.

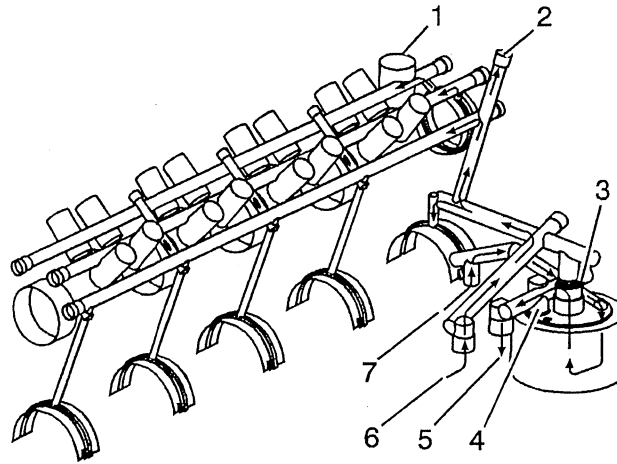
Intake Manifold

The intake manifold is a one-piece design. The intake manifold is made of cast aluminum. The throttle body is attached to the front of the intake manifold. A linear exhaust gas recirculation (EGR) port is cast into the manifold for exhaust gas recirculation mixture. The EGR valve bolts onto the rear of the intake manifold. The fuel rail assembly with eight separate fuel injectors is retained to the intake manifold by four studs. The fuel injectors are seated in their individual manifold bores with O-ring seals to provide sealing. A Manifold Absolute Pressure (MAP) sensor is mounted on the top of the intake manifold and sealed by an O-ring seal. The MAP sensor is held in place with a retainer bolt. The evaporative emission canister solenoid is located in the front of the intake manifold. The positive crankcase ventilation (PCV) system is internally cast into the intake manifold. There is not a PCV valve. A splash shield is installed under the intake manifold. The shield prevents hot oil from contacting the bottom of the intake manifold, maintaining air inlet charge density.

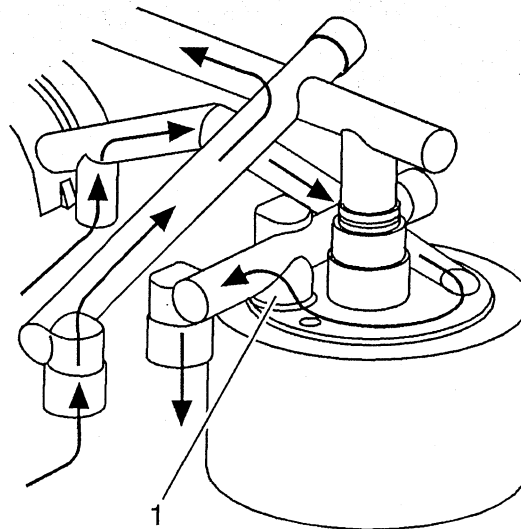
Exhaust Manifold

The two exhaust manifolds are constructed of cast stainless steel. The exhaust manifolds direct exhaust gases from the combustion chambers to the exhaust system. The right exhaust manifold has a flange for the EGR pipe.

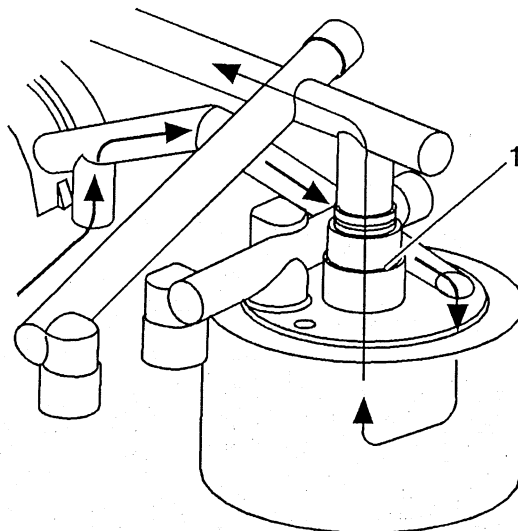
Lubrication Description



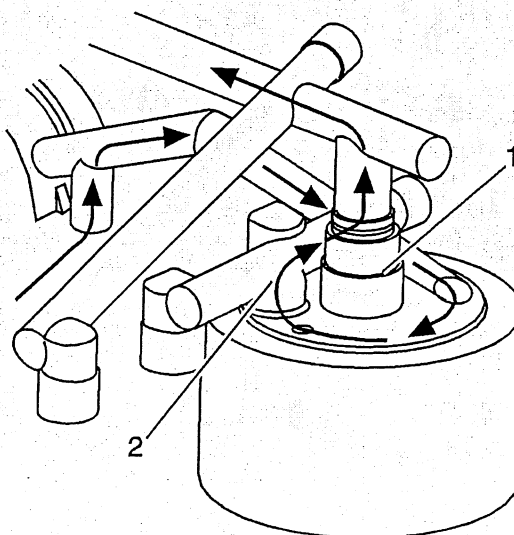
The gear-type oil pump is driven through an extension driveshaft. The extension driveshaft is driven by the oil pump drive, which is gear driven by the camshaft. The oil is drawn from the oil pan through a pickup screen and tube, into the oil pump (7). Pressurized oil flows through the oil filter, into the oil cooler (5), back into the engine (6), up to the oil pressure gage port (2) and rear crankshaft bearing, and is then distributed to the upper oil galleries. Oil must flow around the oil pump drive (1) in order to reach the right side valve lifters properly. The oil is delivered through internal passages in order to lubricate camshaft and crankshaft bearings and to provide lash control in the hydraulic valve lifters. Oil is metered from the valve lifters through the valve push rods in order to lubricate the valve rocker arms and ball pivots. Oil returning to the oil pan from the cylinder heads and the front camshaft bearing, lubricates the camshaft timing chain and the crankshaft and the camshaft sprockets. There are two bypass valves located in the engine block, above the oil filter. The oil filter bypass valve (4) and the oil cooler bypass valve (3).



If the oil filter becomes plugged, the pressurized oil is diverted around the top of the oil filter. The oil filter bypass valve (1) is forced open, allowing the oil to continue on to the oil cooler and engine oil passages. No oil filtration occurs because the oil is not allowed into the oil filter.



If the oil cooler flow becomes blocked, either from a plugged oil cooler or blocked or kinked oil cooler line, the oil cooler bypass valve (1) is forced open, allowing oil to flow directly into the engine oil passages. Oil does not flow into or out of the engine oil cooler.



If both the oil filter and the oil cooler are plugged, the pressurized oil is routed around the top of the oil filter, through the oil filter bypass valve (2), through the oil cooler bypass valve (1) and directly into the engine oil passages. Lubrication still occurs, but the oil is not filtered or directed through the oil cooler.

Engine Cooling

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Air Conditioning (A/C) Compressor Bolt (6.6L)	50 N·m	37 lb ft
Air Inlet Tube Nut (6.6L)	25 N·m	18 lb ft
Auxiliary Water Pump Bracket Nut	9 N·m	80 lb in
Bypass Pipe to Water Pump Bolt (6.6L)	21 N·m	16 lb ft
Charged Air Cooler Duct Clamp (6.6L)	6 N·m	53 lb in
Coolant Air Bleed Pipe Cover Bolt (4.8L, 5.3L, and 6.0L)	12 N·m	106 lb in
Coolant Air Bleed Pipe Stud/Bolt (4.8L, 5.3L, and 6.0L)	12 N·m	106 lb in
Coolant Heater (4.8L, 5.3L, and 6.0L)	50 N·m	37 lb ft
Coolant Heater (8.1L)	60 N·m	47 lb ft
Coolant Heater Bolt (4.3L)	2 N·m	18 lb in
Coolant Heater Bolt (6.6L)	2 N·m	18 lb in
Coolant Heater Cord Bolt	8 N·m	71 lb in
Coolant Outlet Pipe Clip Bolt (6.6L)	9 N·m	80 lb in
Cooling Fan Motor Bolt	10 N·m	89 lb in
Engine Block Coolant Drain Plug	60 N·m	44 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Exhaust Gas Recirculation (EGR) Coolant Pipe Bolt (6.6L)	21 N·m	16 lb ft
Exhaust Manifold Pipe Nut (4.8L, 5.3L, and 6.0L)	50 N·m	37 lb ft
Fan Clutch Bolt	23 N·m	17 lb ft
Fan Clutch Nut	56 N·m	41 lb ft
Fan Pulley Bolt/Nut (6.6L)	46 N·m	34 lb ft
Fan Shroud Bolt	9 N·m	80 lb in
Fuel Line Bracket Bolt (6.6L)	21 N·m	15 lb ft
Fuel Line to Fuel Injection Control Module Bolt (6.6L)	35 N·m	26 lb ft
Generator Bracket Bolt (6.6L and 8.1L)	50 N·m	37 lb ft
Generator Bracket Stud (8.1L)	20 N·m	15 lb ft
Generator Positive Cable Nut (6.6L)	9 N·m	80 lb in
Heater Inlet Pipe to Fuel Filter Bolt (6.6L)	21 N·m	16 lb ft
Heater Inlet Pipe to Thermostat Bolt (6.6L)	21 N·m	16 lb ft
Heater Outlet Hose Bracket Bolt (6.6L)	21 N·m	16 lb ft
Hood Hinge Bolts	25 N·m	18 lb ft
Idle Pulley Bolt (6.6L)	43 N·m	32 lb ft
Intake Manifold Cover Clamp (6.6L)	6 N·m	53 lb in
Junction Block Bracket Bolt (6.6L)	9 N·m	80 lb in
Main Electrical Harness Bracket Bolt (6.6L)	21 N·m	15 lb ft
Main Engine Electrical Harness Connector Bolt (6.6L)	10 N·m	89 lb in
Oil Cooler Hose Adapter Bolt (6.0L)	12 N·m	106 lb in
Oil Cooler Hose Bracket Bolt (6.0L)	25 N·m	18 lb ft
Oil Cooler Hose Bracket Bolt (8.1L)	50 N·m	37 lb ft
Positive Crankcase Ventilation (PCV) Oil Separator Bracket Nut (6.6L)	21 N·m	16 lb ft
Power Steering Pump Bracket Bolt (6.6L)	46 N·m	34 lb ft
Radiator Bolt	25 N·m	18 lb ft
Starter/Generator Control Module (SGCM) Brace Bolts	25 N·m	18 lb ft
Starter/Generator Control Module (SGCM) Coolant Pump Bolts	9 N·m	80 lb in
Starter/Generator Control Module (SGCM) Coolant Tank Bolts	20 N·m	15 lb ft
Starter/Generator Control Module (SGCM) Coolant Tank Nuts	9 N·m	80 lb in
Starter/Generator Control Module (SGCM) Cooling Fan Bolt	9 N·m	80 lb in

Application	Specification	
	Metric	English
Starter/Generator Control Module (SGCM) Radiator Bolt	9 N·m	80 lb in
Starter/Generator Stator Coolant Inlet Pipe Bolt	9 N·m	80 lb in
Surge Tank Bolt/Nut	9 N·m	80 lb in
Thermal Bypass Fitting	35 N·m	26 lb ft
Thermal Bypass Hose Bolt	10 N·m	89 lb in
Thermostat Housing Bolt (4.8L, 5.3L, and 6.0L)	15 N·m	11 lb ft
Thermostat Housing Cover Bolt (6.6L)	21 N·m	16 lb ft
Thermostat Housing Crossover Bolt/Nut (6.6L)	21 N·m	16 lb ft
Transmission Control Module (TCM) Cover Bolt	9 N·m	80 lb in
Transmission Control Module (TCM) Electrical Connector Bolt	8 N·m	71 lb in
Turbocharger Coolant Bypass Valve (6.6L)	60 N·m	44 lb ft
Turbocharger Coolant Feed Pipe Bracket Bolt (6.6L)	21 N·m	16 lb ft
Turbocharger Coolant Feed Pipe Nut (6.6L)	9 N·m	80 lb in
Turbocharger Coolant Inlet Banjo Bolt (6.6L)	25 N·m	18 lb ft
Turbocharger Coolant Outlet Pipe Bolt/Nut (6.6L)	9 N·m	80 lb in
Water Crossover Bolt (8.1L)	50 N·m	37 lb ft
Water Outlet Bolt (8.1L)	30 N·m	22 lb ft
Water Outlet Stud (4.3L)	25 N·m	18 lb ft
Water Outlet Tube Bolt (6.6L)	21 N·m	16 lb ft
Water Pump Bolt (4.3L)	45 N·m	33 lb ft
Water Pump Bolt (4.8L, 5.3L, and 6.0L)		
First Pass	15 N·m	11 lb ft
Final Pass	30 N·m	22 lb ft
Water Pump Bolt (6.6L)	21 N·m	16 lb ft
Water Pump Bolt (8.1L)	50 N·m	37 lb ft
Water Pump Inlet Pipe Bolt (6.6L)	21 N·m	16 lb ft
Water Pump Pulley Bolt (4.3L)	25 N·m	18 lb ft
Water Pump to Oil Cooler Inlet Pipe Nut (6.6L)	21 N·m	16 lb ft
Wiring Harness Bracket to Thermostat Housing Bolt (6.6L)	8 N·m	71 lb in

Cooling System Description and Operation

Engine Coolant Indicators

ENGINE COOLANT HOT

The instrument panel cluster (IPC) displays ENGINE COOLANT HOT message when the IPC receives a class 2 message from the powertrain control module (PCM) requesting illumination of this driver warning.

ENGINE OVERHEATED

The IPC displays ENGINE OVERHEATED message when the IPC receives a class 2 message from the PCM requesting illumination of this driver warning.

LOW COOLANT LEVEL B

The IPC displays LOW COOLANT LEVEL message when the IPC receives a class 2 message from the PCM requesting illumination of this driver warning.

REDUCED ENGINE POWER

The IPC displays REDUCED ENGINE POWER message when the IPC detects a reduced engine power condition from the PCM. The IPC receives a class 2 message from the PCM requesting illumination when the engine temperature reaches 132°C (270°F).

Cooling Fan Control - Two Fan System

The engine cooling fan system consists of 2 electrical cooling fans and 3 fan relays. The relays are arranged in a series/parallel configuration that allows the powertrain control module (PCM) to operate both fans together at low or high speeds. The cooling fans and fan relays receive battery positive voltage from the underhood fuse block.

During low speed operation, the PCM supplies the ground path for the low speed fan relay through the low speed cooling fan relay control circuit. This energizes the low speed fan relay coil, closes the relay contacts, and supplies battery positive voltage from the low fan fuse through the cooling fan motor supply voltage circuit to the left cooling fan. The ground path for the left cooling fan is through the cooling fan s/p relay and the right cooling fan. The result is a series circuit with both fans running at low speed.

During high speed operation the PCM supplies the ground path for the low speed fan relay through the low speed cooling fan relay control circuit. After a 3 second delay, the PCM supplies a ground path for the high speed fan relay and the cooling fan s/p relay through the high speed cooling fan relay control circuit. This energizes the cooling fan s/p relay coil, closes the relay contacts, and provides a ground path for the left cooling fan. At the same time the high speed fan relay coil is energized closing the relay contacts and provides battery positive voltage from the high fan fuse on the cooling fan motor supply voltage circuit to the right cooling fan. During high speed fan operation, both engine cooling fans have there own ground path. The result is a parallel circuit with both fans running at high speed.

Important

The right and left cooling fan connectors are interchangeable. When servicing the fans be sure that the connectors are plugged into the correct fan.

The PCM commands the low speed cooling fans ON under the following conditions:

- Engine coolant temperature exceeds approximately 94.5°C (202°F).
- A/C refrigerant pressure exceeds 1447 kPa (210 psi).
- After the vehicle is shut OFF if the engine coolant temperature at key-off is greater than 101°C (214°F) the low speed fans will run for a minimum of 60 seconds After 60 seconds, if the coolant temperature drops below 101°C (214°F) the fans will shut OFF. The fans will automatically shut OFF after 3 min. regardless of coolant temperature.

The PCM commands the high speed fans ON under the following conditions:

- Engine coolant temperature exceeds approximately 104.25°C (220°F).
- A/C refrigerant pressure exceeds approximately 1824 kPa (265 psi).
- When certain DTCs set.

At idle and very low vehicle speeds the cooling fans are only allowed to increase in speed if required. This insures idle stability by preventing the fans from cycling between high and low speed.

Coolant Level Control (If Equipped)

The engine cooling system contains an engine coolant level switch to alert the driver in the event of a coolant loss. The powertrain control module (PCM) sends out a coolant loss signal over the coolant level switch signal circuit. When the engine coolant level switch reads a low coolant level in the fill tank, the switch opens. The message center receives its power from engine wiring harness junction block on the battery positive voltage circuit. Ground is provided by the ground circuits via the body wiring harness junction block and the engine wiring harness junction block. The cluster receives the class 2 message from the PCM indicating Low Coolant and displays the LOW COOLANT LEVEL message on the driver information center (DIC).

Coolant Heater

The optional engine coolant heater (RPO K05) operates using 110-volt AC external power and is designed to warm the coolant in the engine block area for improved starting in very cold weather 29°C (20°F). The coolant heater helps reduce fuel consumption when a cold engine is warming up. The unit is equipped with a detachable AC power cord. A weather shield on the cord is provided to protect the plug when not in use.

Cooling System

The cooling system's function is to maintain an efficient engine operating temperature during all engine speeds and operating conditions. The cooling system is designed to remove approximately one-third of the heat produced by the burning of the air-fuel mixture. When the engine is cold, the coolant does not flow to the radiator until the thermostat opens. This allows the engine to warm quickly.

Cooling Cycle

Coolant is drawn from the radiator outlet and into the water pump inlet by the water pump. Coolant will then be pumped through the water pump outlet and into the engine block. In the engine block, the coolant circulates through the water pump outlet and into the engine block. In the engine block, the coolant circulates through the water jackets surrounding the cylinders, where it absorbs heat.

Some coolant is also pumped from the water pump to the heater core, then back to the water pump. This provides the passenger compartment with heat and defrost.

The coolant is then forced through the cylinder head gasket openings and into the cylinder heads. In the cylinder heads, the coolant flows through the water jackets surrounding the combustion chambers and valve seats, where it absorbs additional heat.

Coolant is also directed to the throttle body. There it circulates through passages in the casting. During initial start up, the coolant assists in warming the throttle body. During normal operating temperatures, the coolant assists in regulating the throttle body temperature.

Cooling Cycle (6.6L Diesel Engine)

Coolant is drawn from the radiator outlet and into the water pump inlet by the water pump. The coolant flows to the heater core while the engine is running. This provides the passenger compartment with heat and defrost.

Coolant is then pumped through the water pump outlet and through the coolant pipe to the engine oil cooler. The coolant flows around the oil cooler element and to the rear engine cover. The rear engine cover distributes the coolant flow to both banks of the engine block. In the engine block, the coolant circulates through the water jackets surrounding the cylinders where it absorbs heat.

The coolant is then forced through the cylinder head gasket openings and into the cylinder heads. In the cylinder heads, the coolant flows through the water jackets surrounding the combustion chambers and valve seats, where it absorbs additional heat.

Coolant is also directed to the turbocharger. There it circulates through passages in the center housing. During engine warm-up cycle the bypass valve located in the turbocharger inlet hose at the outlet pipe prevents coolant flow. During normal operating temperatures, the coolant assists in keeping the turbocharger cool.

From the cylinder heads, the coolant flows to the thermostats. The coolant flows from the thermostat housing to the water pump through the bypass pipe until the engine reaches 85°C (185°F).

Operation of the cooling system requires proper functioning of all cooling system components. The cooling system consists of the following components:

Coolant

The engine coolant is a solution made up of a 50-50 mixture of DEX-COOL and suitable drinking water. The coolant solution carries excess heat away from the engine to the radiator, where the heat is dissipated to the atmosphere.

Radiator

The radiator is a heat exchanger. It consists of a core and two tanks. The aluminum core is a tube and fin crossflow design that extends from the inlet tank to the outlet tank. Fins are placed around the outside of the tubes to improve heat transfer to the atmosphere.

The inlet and outlet tanks are a molded, high temperature, nylon reinforced plastic material. A high temperature rubber gasket seals the tank flange edge to the aluminum core. The tanks are clamped to the core with clinch tabs. The tabs are part of the aluminum header at each end of the core.

The radiator also has a drain cock located in the bottom of the left hand tank. The drain cock unit includes the drain cock and drain cock seal.

The radiator removes heat from the coolant passing through it. The fins on the core transfer heat from the coolant passing through the tubes. As air passes between the fins, it absorbs heat and cools the coolant.

Surge Tank

The surge tank is a plastic tank with a threaded pressure cap. The tank is mounted at a point higher than all other coolant passages. The surge tank provides an air space in the cooling system that allows the coolant to expand and contract. The surge tank provides a coolant fill point and a central air bleed location.

During vehicle use, the coolant heats and expands. The increased coolant volume flows into the surge tank. As the coolant circulates, any air is allowed to bubble out. Coolant without air bubbles absorbs heat much better than coolant with bubbles.

Pressure Cap

The pressure cap seals the cooling system. It contains a blow off or pressure relief valve and a vacuum or atmospheric valve. The pressure valve is held against its seat by a spring, which protects the radiator from excessive cooling system pressure. The vacuum valve is held against its seat by a spring, which permits opening of the valve to relieve vacuum created in the cooling system as it cools off. The vacuum, if not relieved, might cause the radiator and/or coolant hoses to collapse.

The pressure cap allows cooling system pressure to build up as the temperature increases. As the pressure builds, the boiling point of the coolant increases. Engine coolant can be safely run at a temperature much higher than the boiling point of the coolant at atmospheric pressure. The hotter the coolant is, the faster the heat transfers from the radiator to the cooler, passing air.

The pressure in the cooling system can get too high. When the cooling system pressure exceeds the rating of the pressure cap, it raises the pressure valve, venting the excess pressure.

As the engine cools down, the temperature of the coolant drops and a vacuum is created in the cooling system. This vacuum causes the vacuum valve to open, allowing outside air into the surge tank. This equalizes the pressure in the cooling system with atmospheric pressure, preventing the radiator and coolant hoses from collapsing.

Cooling Fan and Clutch

The engine cooling fan and clutch are driven by the crankshaft via the drive belt. The cooling fan draws air through the radiator to improve the transfer of heat from the coolant to the atmosphere. As the fan blades spin, they pull cool, outside air past the radiator core. The fan clutch drives the cooling fan. The fan clutch controls the amount of torque that is transmitted from the crankshaft to the fan blades. The clutch allows more torque to engage on the fan when the engine operating temperature increases and/or the vehicle speed is low. As the torque increases, the fan turns more quickly. The fan clutch decreases the torque applied to the cooling fan when the engine temperature decreases and/or the vehicle speed is high. As the torque decreases, the fan speed decreases.

Air Baffles and Seals

The cooling system uses deflectors, air baffles and air seals to increase cooling system capability. Deflectors are installed under the vehicle to redirect airflow beneath the vehicle and through the radiator to increase engine cooling. Air baffles are also used to direct airflow through the radiator and increase cooling capability. Air seals prevent air from bypassing the radiator and A/C condenser, and prevent recirculation of hot air for better hot weather cooling and A/C condenser performance.

Water Pump

The water pump is a centrifugal vane impeller type pump. The pump consists of a housing with coolant inlet and outlet passages and an impeller. The impeller is mounted on the pump shaft and consists of a series of flat or curved blades or vanes on a flat plate. When the impeller rotates, the coolant between the vanes is thrown outward by centrifugal force.

The impeller shaft is supported by one or more sealed bearings. The sealed bearings never need to be lubricated. Grease cannot leak out, dirt and water cannot get in as long as the seal is not damaged or worn.

The purpose of the water pump is to circulate coolant throughout the cooling system. The water pump is driven by the crankshaft via the drive belt.

Water Pump (6.6L Diesel Engine)

The water pump is a centrifugal vane impeller type pump. The water pump is gear driven by the crankshaft gear. The pump consists of a housing with coolant inlet and outlet passages and an impeller. The impeller is a flat plate mounted on the pump shaft with a series of flat or curved blades or vanes. When the impeller rotates, the coolant between the vanes is thrown outward by centrifugal force. The impeller shaft is supported by bearings. Splash of the engine oil lubricates the bearings. The bearings and shaft are sealed to prevent engine oil to mix with the coolant. If the seal fails, coolant will leak out the vent hole in the water pump housing.

The purpose of the water pump is to circulate coolant throughout the cooling system.

Thermostat

The thermostat is a coolant flow control component. Its purpose is to help regulate the operating temperature of the engine. It utilizes a temperature sensitive wax-pellet element. The element connects to a valve through a small piston. When the element is heated, it expands and exerts pressure against the small piston. This pressure forces the valve to open. As the element is cooled, it contracts. This contraction allows a spring to push the valve closed.

When the coolant temperature is below the rated thermostat opening temperature, the thermostat valve remains closed. This prevents circulation of the coolant to the radiator and allows the engine to warm up. After the coolant temperature reaches the rated thermostat opening temperature, the thermostat valve will open. The coolant is then allowed to circulate through the thermostat to the radiator where the engine heat is dissipated to the atmosphere. The thermostat also provides a restriction in the cooling system, after it has opened. This restriction creates a pressure difference which prevents cavitation at the water pump and forces coolant to circulate through the engine block.

Thermostats (6.6L Diesel Engine)

The thermostats are coolant flow control components. The purpose of the thermostats are to regulate the correct operating temperature of the engine. The thermostats utilize a temperature sensitive wax-pellet element. The element connects to a valve through a piston. When the element is heated, it expands and exerts pressure against a rubber piston. This pressure forces the valve to open. As the element is cooled, it contracts. This contraction allows a spring to push the valve closed.

The 6.6L diesel engine requires two thermostats for correct coolant flow. The front thermostat is a dual purpose thermostat. The front thermostat controls the coolant flow to the bypass port and to the water outlet. The rear thermostat only controls the coolant flow to the water outlet.

When the coolant temperature is below the rated thermostat opening temperature, the front thermostat valve remains closed to the water outlet and is opened to the bypass port. The bottom portion of the thermostat is raised off of the bypass port while at the same time the top portion closes the coolant flow to the water outlet. The rear thermostat also is closed to the water outlet during engine warm-up. This prevents circulation of the coolant to the radiator and allows the engine to warm up quickly. After the coolant temperature reaches 82°C (180°F) the front thermostat primary valve opening temperature, the front thermostat primary valve will start to open. The coolant is then allowed to circulate through the thermostat to the radiator where the engine heat is dissipated to the atmosphere. As the engine coolant

reaches 85°C (185°F) and more coolant demand is required the front thermostat secondary valve begins to close the bypass port and the rear thermostat begins to open coolant flow to the water outlet. The thermostats will continue to control the coolant flow by opening and closing. The front thermostat will be fully open when the coolant temperature reaches 95°C (203°F) the rear thermostat will be fully open when the coolant temperature reaches 100°C (212°F). The thermostat also provides a restriction in the cooling system, even after the it has opened. This restriction creates a pressure difference which prevents cavitation at the water pump and forces coolant to circulate through the engine block.

Engine Oil Cooler

The engine oil cooler is a heat exchanger. It is located inside the left side end tank of the radiator. The engine oil temperature is controlled by the temperature of the engine coolant that surrounds the oil cooler in the radiator.

The engine oil pump, pumps the oil through the engine oil cooler line to the oil cooler. The oil then flows through the cooler where the engine coolant absorbs heat from the oil. The oil is then pumped through the oil cooler return line, to the oil filter, to the engine block oil system.

Engine Oil Cooler (6.6L Diesel Engine)

The engine oil cooler is a heat exchanger. The engine oil cooler is mounted to the left lower corner of the engine. The oil filter is attached to the oil cooler housing. The engine coolant flows around the oil cooler element. The oil cooler element is a series of plates. The engine oil temperature is regulated by the temperature of the engine coolant that surrounds the oil cooler as the engine oil passes through the cooler.

The engine oil pump, pumps the oil through the engine oil feed line to the oil cooler. The oil then flows down through the cooler while the engine coolant absorbs heat from the oil. The oil is then pumped through the oil return line, to the oil filter, then to the main engine oil passage.

Transmission Oil Cooler

The transmission oil cooler is a heat exchanger. It is located inside the right side end tank of the radiator. The transmission fluid temperature is regulated by the temperature of the engine coolant in the radiator.

The transmission oil pump, pumps the fluid through the transmission oil cooler line to the transmission oil cooler. The fluid then flows through the cooler where the engine coolant absorbs heat from the fluid. The fluid is then pumped through the transmission oil cooler return line, to the transmission.

Turbocharger Bypass Valve (6.6L Diesel Engine)

The turbocharger bypass valve is a temperature control valve. The valve is located in the turbocharger coolant inlet hose at the water outlet tube.

The purpose of the valve is to close the coolant flow through the turbocharger. Closing off the coolant flow through the turbocharger avoids turbocharger overcooling.

Starter Generator Control Module Cooling System Description and Operation

The starter/generator control module (SGCM) cooling system description and operation is divided into three areas:

- SGCM Cooling System Components
- SGCM Cooling System Operation
- SGCM Cooling System Coolant Cycle

SGCM Cooling System Components

SGCM

The starter/generator control module (SGCM) is a GMLAN device. The SGCM monitors 3 coolant temperature sensors that are mounted in the coolant stream, 4 coolant level sensors that are mounted in the electronics coolant of the SGCM, the SGCM coolant pump relay control circuit, and the SGCM coolant fan relay control circuit to maintain its internal cooling requirements. Internal to the SGCM are the

electronics that control the system voltage, these electronic components are immersed in a coolant. This coolant is not the coolant that is circulated through the coolant circuit, the coolant helps evenly distribute the heat of the electronics and are monitored by the 4 coolant level sensors.

SGCM Coolant Pump

The SGCM coolant pump is controlled through a relay by the SGCM. The SGCM coolant pump circulates the coolant through the SGCM cooling system.

SGCM Coolant Fan

The SGCM coolant fan is controlled through a solid state relay by the SGCM. The SGCM coolant fan is a puller type fan that draws air through the SGCM radiator.

SGCM Cooling System Operation

The purpose of the starter/generator control module (SGCM) coolant system is to cool the SGCM internal electronics. The SGCM commands the SGCM the SGCM coolant pump and coolant fan ON or OFF at the following temperatures:

- Coolant pump from OFF to ON at 60°C (140°F)
- Coolant pump from ON to OFF at 55°C (131°F)
- Coolant fan from OFF to low speed at 75°C (167°F)
- Coolant fan from low speed to high speed at 80°C (176°F)
- Coolant fan from high speed to low speed at 75°C (167°F)
- Coolant fan from low speed to OFF at 70°C (158°F)

SGCM Cooling System Coolant Cycle

The starter/generator control module (SGCM) coolant is a 50/50 mixture of DEX-COOL antifreeze and clean, drinkable water. The coolant is drawn from the SGCM coolant tank by the SGCM coolant pump. The coolant pump then forces the coolant through the SGCM coolant radiator. The coolant then is sent to the SGCM to cool the SGCM electronics.

Engine Electrical

Fastener Tightening Specifications

Application	Specification	
	Metric	English
3-Phase Cable Bracket Cover Bolt	9 N·m	80 lb in
3-Phase Cable Bracket Nut	9 N·m	80 lb in
3-Phase Cable Cover Nut	9 N·m	80 lb in
3-Phase Cable Nut to Generator Control Module	15 N·m	11 lb ft
3-Phase Cable Nut to Stator	14 N·m	10 lb ft
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Accessory Power Receptacle Harness Ground Wire Bolt	9 N·m	80 lb in
Auxiliary Battery Cable Clip Bolt	10 N·m	89 lb in
Auxiliary Battery Negative Cable Bolt (6.6L)	34 N·m	25 lb ft
Auxiliary Battery Positive Cable Nut	9 N·m	80 lb in
Auxiliary Battery Relay Nut	9 N·m	80 lb in
Auxiliary Battery Tray Bolt	9 N·m	80 lb in
Auxiliary Battery Tray Nut	25 N·m	18 lb ft
Auxiliary Generator Bolt (6.6L)	50 N·m	37 lb ft
Auxiliary Generator Bracket Bolt (6.6L)	50 N·m	37 lb ft
Auxiliary Negative Battery Cable Bolt	17 N·m	13 lb ft
Auxiliary Positive Battery Cable Bolt	17 N·m	13 lb ft
Auxiliary Positive Battery Cable Nut	8 N·m	71 lb in
Auxiliary Positive Cable to Relay Nut	9 N·m	80 lb in
Battery Cable Bracket Bolt	25 N·m	18 lb ft
Battery Cable Channel Bolt	12 N·m	106 lb in
Battery Cable Channel Bolt (6.6L)	8 N·m	71 lb in
Battery Cable Junction Block Bracket Bolt (4.8L, 5.3L, 6.0L, and 8.1L)	9 N·m	80 lb in
Battery Cable Retainer Nut (6.6L)	12 N·m	106 lb in
Battery Hold Down Retainer Bolt	25 N·m	18 lb ft
Battery Tray Bolt	9 N·m	80 lb in
Crossbar Bolt	100 N·m	74 lb ft
Drive Belt Tensioner Bolt (6.6L)	41 N·m	30 lb ft
Engine Wiring Harness/Auxiliary Negative Battery Cable Bolt	16 N·m	12 lb ft
Engine Wiring Harness Ground Bolt	16 N·m	12 lb ft
Engine Wiring Harness Ground/Negative Cable Bolt	25 N·m	18 lb ft
Engine Wiring Harness Ground/Negative Cable Bolt (6.6L)	34 N·m	25 lb ft
Exhaust Gas Recirculation (EGR) Vacuum Pump Bolt (6.6L)	22 N·m	16 lb ft
Fender to Cowl Support Brace Bolt	9 N·m	80 lb in
Flexplate Bolt	100 N·m	74 lb ft
Forward Lamp Wiring Harness Ground/Negative Cable Bolt	9 N·m	80 lb in
Front End Diagonal Brace Bolt	9 N·m	80 lb in
Fuel Bleed Valve Bracket Nut (6.6L)	25 N·m	18 lb ft
Generator Battery Carrier Air Duct Hose to Fan Screw	1 N·m	9 lb in
Generator Battery Carrier Air Duct Hose to Generator Battery Carrier	0.5 N·m	44 lb in
Generator Battery Carrier Battery 1 to Battery 2 Power Cable Nut	10 N·m	89 lb in
Generator Battery Carrier Battery 2 to Battery 3 Power Cable Nut	10 N·m	89 lb in
Generator Battery Carrier Battery Cut Off Switch Nut	10 N·m	89 lb in
Generator Battery Carrier Battery Hold Bracket Nut	10 N·m	89 lb in
Generator Battery Carrier Nut	47 N·m	35 lb ft
Generator Battery Carrier Fan Screw	1 N·m	9 lb in
Generator Battery Carrier Fan Screw	2 N·m	18 lb in
Generator Battery Carrier Fuse Holder Screws	2 N·m	18 lb in

Application	Specification	
	Metric	English
Generator Battery Carrier Fuse Power Cable to High Current Sensor Nut	10 N·m	89 lb in
Generator Battery Carrier Ground Strap Nut	10 N·m	89 lb in
Generator Battery Carrier Ground Wire Screw	6 N·m	53 lb in
Generator Battery Carrier High Current Connector Screws	6 N·m	53 lb in
Generator Battery Carrier High Current Connector to Battery 3 Nut	10 N·m	89 lb in
Generator Battery Carrier High Current Sensor Nut	6 N·m	53 lb in
Generator Battery Carrier Intermediate Cover Screw	6 N·m	53 lb in
Generator Battery Carrier Maxi-Fuse Nut	10 N·m	89 lb in
Generator Battery Carrier Receptacle Outlet Cover Screws	0.5 N·m	4.4 lb in
Generator Battery Carrier Receptacle Outlet Screws	2 N·m	18 lb in
Generator Battery Carrier Service Disconnect Switch Power Cable to High Current Connector Nut	10 N·m	89 lb in
Generator Battery Carrier Service Disconnect Switch Screw/Nut	6 N·m	53 lb in
Generator Battery Carrier Temperature Sensor Screw	0.5 N·m	4.4 lb in
Generator Battery Control Module Nut	6 N·m	53 lb in
Generator Bolt (4.3L)	50 N·m	37 lb ft
Generator Bolt (4.8L, 5.3L, 6.0L, 6.6L, and 8.1L)	50 N·m	37 lb ft
Generator Bracket Bolt (4.8L, 5.3L, 6.0L, 6.6L, and 8.1L)	50 N·m	37 lb ft
Generator Bracket Bolt/Nut (4.3L)	41 N·m	30 lb ft
Generator Bracket Stud (8.1L)	20 N·m	15 lb ft
Generator Cable Nut	9 N·m	80 lb in
Generator Control Module (GCM) Bolt	20 N·m	15 lb ft
Generator Control Module (GCM) Brace Bolt	25 N·m	18 lb ft
Generator Control Module (GCM) Bracket Bolt	9 N·m	80 lb in
Generator Control Module (GCM) Bracket Nut	25 N·m	18 lb ft
Generator Control Module (GCM) Coolant Tank Bolt	9 N·m	80 lb in
Generator Control Module (GCM) Cover Bolt	9 N·m	80 lb in
Ground Strap Nut	9 N·m	80 lb in
Ground Strap Nut (Energy Storage Box)	10 N·m	89 lb in
Harness Clip to Junction Block Bracket Bolt	9 N·m	80 lb in
Heater Hose Bracket Bolt (4.3L)	25 N·m	18 lb ft
Heater Outlet Pipe Bolt (6.6L)	25 N·m	18 lb ft
Idler Pulley Bolt (6.6L)	43 N·m	32 lb ft
J-46093 Bolt	50 N·m	37 lb ft
M-Terminal Stud Nut (6.6L)	8 N·m	71 lb in
Negative Battery Cable Bolt	17 N·m	13 lb ft
Positive Battery Cable Bolt	17 N·m	13 lb ft
Positive Cable Clip Nut (8.1L)	8 N·m	71 lb in
Positive Cable at Underhood Electrical Center Bolt	9 N·m	80 lb in
Positive/Negative Battery Cable Bolt (14V)	9 N·m	80 lb in
Positive/Negative Battery Cable Channel Rear Nut (42V)	10 N·m	89 lb in
Positive/Negative Battery Cable Grommet Nut (42V)	10 N·m	89 lb in
Positive/Negative Battery Cable Ground Strap Bolt (42V)	10 N·m	89 lb in
Positive/Negative Battery Cable Retainer Nut (42V)	20 N·m	15 lb ft
Powertrain Control Interface	25 N·m	18 lb ft
Starter Bolt (4.3L)	43 N·m	32 lb ft
Starter Bolt (4.8L, 5.3L, 6.0L, and 8.1L)	50 N·m	37 lb ft
Starter Bolt (6.6L)	78 N·m	58 lb ft
Starter/Generator Stator Stud	16 N·m	12 lb ft
Starter Heat Shield Bolt (8.1L)	3 N·m	35 lb in
Starter Heat Shield Nut (8.1L)	5 N·m	44 lb in

Application	Specification	
	Metric	English
Starter Lead Nut	9 N·m	80 lb in
Starter Solenoid Bolt (6.6L)	10 N·m	89 lb in
Starter Solenoid Nut	3.4 N·m	30 lb in
Transmission Cover Bolt (4.8L, 5.3L, and 6.0L)	9 N·m	80 lb in
Transmission Fill Tube Nut	18 N·m	13 lb ft
Transmission Heat Shield	17 N·m	13 lb ft
Transmission Mount Nut	40 N·m	29 lb ft
Transmission Support Bolts/Nuts	70 N·m	50 lb ft
Wiring Harness Bracket Bolt (4.3L)	25 N·m	18 lb ft

Battery Usage – Non HP2

Base	
Cold Cranking Amperage (CCA)	600 A
Reserve Capacity Rating	115 Minutes
Replacement Battery Number	78-6YR
Optional (Dual)	
Cold Cranking Amperage (CCA)	770 A
Reserve Capacity Rating	115 Minutes
Replacement Battery Number	78-7YR

Battery Usage (HP2)

Parallel Hybrid Truck (PHT) (HP2)	
GM Part Number	88986971
Replacement Battery Number	Panasonic HV1255

Battery Temperature vs Minimum Voltage

Estimated Temperature °F	Estimated Temperature °C	Minimum Voltage
70 or above	21 or above	9.6
50	10	9.4
32	0	9.1
15	-10	8.8
0	-18	8.5
Below 0	Below -18	8.0

Starter Motor Usage

Applications	Starter Model
4.3L (L35) 4.8L (LR4) 5.3L (LM7) 5.3L (L59) Methanol	PG-260G
6.0L (LQ4) 8.1L (L18)	PG-260L
6.6L (LB7) Diesel	Hitachi-S14-100B

Generator Usage

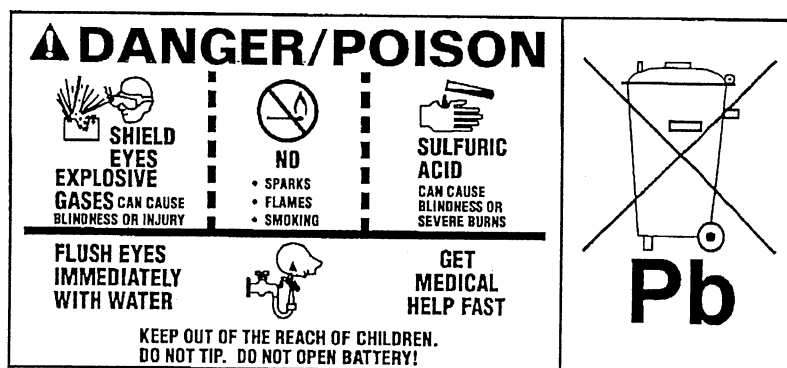
Base	
Generator Model	Delphi AD230
Rated Output	102 A
Load Test Output	71 A
Optional (Dual)	
Generator Model	Delphi AD244
Rated Output	130 A
Load Test Output	91 A
Bosch® Generator	
Generator Model	Bosch® 15755900
Rated Output	130 A
Load Test Output	91 A

Battery Description and Operation

Caution

Batteries produce explosive gases, contain corrosive acid, and supply levels of electrical current high enough to cause burns. Therefore, to reduce the risk of personal injury when working near a battery:

- Always shield your eyes and avoid leaning over the battery whenever possible.
- Do not expose the battery to open flames or sparks.
- Do not allow the battery electrolyte to contact the eyes or the skin. Flush immediately and thoroughly any contacted areas with water and get medical help.
- Follow each step of the jump starting procedure in order.
- Treat both the booster and the discharged batteries carefully when using the jumper cables.



The maintenance free battery is standard. There are no vent plugs in the cover. The battery is completely sealed except for two small vent holes in the side. These vent holes allow the small amount of gas that is produced in the battery to escape.

The battery has three functions as a major source of energy:

- Engine cranking
- Voltage stabilizer
- Alternate source of energy with generator overload.

The battery specification label (example below) contains information about the following:

- The test ratings
- The original equipment catalog number
- The recommended replacement model number

CATALOG NO.	
1819	
CCA 770	LOAD TEST 380
REPLACEMENT MODEL 100 – 6YR	

A battery has 2 ratings:

- Reserve capacity
- Cold cranking amperage

When a battery is replaced use a battery with similar ratings. Refer to the battery specification label on the original battery or refer to Battery Usage .

Reserve Capacity

Reserve capacity is the amount of time in minutes it takes a fully charged battery, being discharged at a constant rate of 25 amperes and a constant temperature of 27°C (80°F) to reach a terminal voltage of 10.5 V. Refer to Battery Usage for the reserve capacity rating of the original equipment battery.

Cold Cranking Amperage

The cold cranking amperage is an indication of the ability of the battery to crank the engine at cold temperatures. The cold cranking amperage rating is the minimum amperage the battery must maintain for 30 seconds at -18°C (0°F) while maintaining at least 7.2 volts. Refer to Battery Usage for the cold cranking amperage rating for this vehicle.

Circuit Description

The battery positive terminal supplies Battery Positive voltage to the under hood fuse block and the rear fuse block. The under hood fuse block provides a cable connection for the generator and a cable connection for the starter.

The battery negative terminal is connected to chassis ground G305 and supplies ground for the AD converter in the DIM.

Starting System Description and Operation

The PG-260M and Hitachi-S14-100B are non-repairable starter motors. It has pole pieces that are arranged around the armature within the starter housing. When the solenoid windings are energized, the pull-in winding circuit is completed to ground through the starter motor. The hold-in winding circuit is completed to ground through the solenoid. The windings work together magnetically to pull in and hold in the plunger. The plunger moves the shift lever. This action causes the starter drive assembly to rotate on the armature shaft spline as it engages with the flywheel ring gear on the engine. At the same time, the plunger closes the solenoid switch contacts in the starter solenoid. Full battery voltage is then applied directly to the starter motor and it cranks the engine.

As soon as the solenoid switch contacts close, current stops flowing through the pull-in winding as battery voltage is now applied to both ends of the windings. The hold-in winding remains energized; its magnetic field is strong enough to hold the plunger, shift lever, starter drive assembly, and solenoid switch contacts in place to continue cranking the engine. When the engine starts, the pinion gear overrun sprag protects the armature from excessive speed until the switch is opened.

When the ignition switch is released from the CRANK position, voltage is removed from the starter solenoid S terminal. Current flows from the motor contacts through both windings to ground at the end of the hold-in winding. However, the direction of the current flow through the pull-in winding is now in the opposite direction of the current flow when the winding was first energized.

The magnetic fields of the pull-in and hold-in windings now oppose one another. This action of the windings, along with the help of the return spring, cause the starter drive assembly to disengage and the solenoid switch contacts to open simultaneously. As soon as the contacts open, the starter motor is turned off.

Charging System Description and Operation (W/O Generator/Battery Control Module)

Generator

The AD-230 and AD-244 generators are non-repairable. They are electrically similar to earlier models. The generators feature the following major components:

- The delta stator
- The rectifier bridge
- The rotor with slip rings and brushes
- A conventional pulley
- Dual internal fans
- A voltage regulator

The pulley and the fan cool the slip ring and the frame.

The AD stands for Air-cooled Dual internal fan; the 2 is an electrical design designator; the 30/44 denotes the outside diameter of the stator laminations in millimeters, over 100 millimeters. The generators is rated at 102 and 130 amperes respectively.

The generator features permanently lubricated bearings. Service should only include the tightening of mounting components. Otherwise, the generator is replaced as a complete unit.

Regulator

The voltage regulator controls the field current of the rotor in order to limit system voltage. The regulator switches the current on and off at a rate of 400 cycles per second in order to perform the following functions:

- Radio noise control
- Obtain the correct average current needed for proper system voltage control

At high speeds, the on-time may be 10 percent with the off-time at 90 percent. At low speeds, the on-time may be 90 percent and the off-time 10 percent.

Auxiliary Battery Charging

The auxiliary battery is charged in the same manner as the primary battery with the ignition switch in the run position and the engine running. The system contains the following components:

- Auxiliary battery.
- Auxiliary battery relay.
- Mega fuse.
- Junction block battery cable.
- Associated wiring.

The auxiliary battery relay coil is energized with the engine running through the fuse block and wiring, thus closing the relay contacts which allow the battery to be charged from the vehicle's generator via the battery junction block. The auxiliary battery relay is permanently grounded so any time the ignition switch is in the run position the relay will be energized.

The auxiliary battery is only used for accessories and is not part of the vehicle starting system. However if the primary battery fails and in need of a jump start, follow the service information for Jump Starting In Case Of Emergency using appropriate battery jumper cables.

Energy Storage Box (ESB) Description and Operation

Energy Storage Box (ESB)

The energy storage box (ESB) subsystem provides the capability to store electrical energy as chemical energy to provide the energy required by the Energy Management System. The ESB shall monitor the energy exchange along the 42-volt bus internal to the ESB and to provide status information to the hybrid control module (HCM). The 3 valve-regulated lead-acid batteries provide power for the 42-volt system. The "deep cycle" batteries employ Absorbent Glass Mat technology, specifically designed for hybrid vehicles, and are tailored to GM performance requirements. Lead-acid batteries are less costly to replace than nickel-metal hydride batteries or other battery technologies. They have a 50 to 55 amp hour Ahr. capacity and a projected 4-year life. The batteries are stored in a single energy storage module mounted under the rear seat. They power the electro-hydraulic power steering (EHPS) and the starter/generator. A conventional under-hood battery powers all the other electrical items, like the lighting, the driver information center (DIC) and the Infotainment system. The ESB physical content as follows:

- 3-Panasonic HV1255V valve regulated lead acid batteries, wired in series.
- Energy storage control module (ESCM)
- Service disconnect switch
- 2-120 V AC duplex outlet
- Battery module vent tubing system
- 42-volt bus fuse
- 12-volt ventilation fan and outlet duct
- Current sensor
- 42-volt harness and connector
- 12-volt connector and harness
- 120 V AC connector and harness

The ESB functional content as follows:

- Store electrical energy into chemical energy
- Receive 42-volt DC energy via the 42-volt bus for charging
- Determine appropriate power mode
- Monitor and calculates energy transfer and status
- Monitor temperature of batteries
- Monitor and control fan speed.
- Monitor and control the battery cut-off (BCO) switch.
- Provide an outlet interface to HVAC ventilation duct
- Provide removal of battery gases
- Provide a side impact 42-volt auto disconnect
- Communicate faults/information via LAN messages

Important

The Panasonic HV1255 VRLA batteries used in service will have approximately 80 percent state of charge (SOC) when shipped from the manufacture. BEFORE battery replacement, both the battery pack and faulty battery must be fully charged at the pack level (together) to ensure the vehicle battery pack will be equally balanced and charged. The new replacement battery will be charged to 100 percent SOC using the Battery Module Charger before installation.

The Panasonic batteries are designed to have a life span of approximately 62,000 amp hours.

Hybrid Control Module (HCM) Description and Operation

Hybrid Control Module (HCM)

The hybrid control module (HCM) is located on the engine fan shroud near the powertrain control module (PCM). It acts as a gateway between the high-speed GMLAN and Class 2 local area networks. If a module in the high-speed system needs to pass information to the Class II bus, it tags that message and passes it on to the HCM; the HCM reads the message and passes it along to the appropriate network. For example, if the starter generator control module (SGCM) needs to display a warning or alert the driver to a change in operating mode, the HCM would take that message from the high speed link and pass it to the display controller, which is on the Class II system. The HCM also:

- Controls automatic engine starts and stops
- Controls the energy flowing into/out of the 14-volt and 42-volt batteries
- Enables and disables power for the auxiliary power outlets
- Enables and disables surge smoothing/active damping
- Disables energy generation after airbag deployment
- Controls the auxiliary transmission pump, the power maintenance relay, and the auxiliary heater pump
- Controls starter generator speed during transmission downshift assists--The downshift assists support the engine during un-fueled downshifts from 4th to 3rd gear and 3rd to 2nd gear. The HCM calculates a target engine speed and uses the starter generator to maintain that target. The starter generator has to control engine speed, using a torque command, which is within the upper and lower torque limits specified by the HCM.

Starter/Generator Description and Operation

Instead of a conventional starter motor and generator, the PHT uses a compact 14-kW electric induction motor or starter generator integrated in a patented, space-efficient manner between the engine and transmission. The starter generator provides fast, quiet starting power and allows automatic engine stops and starts to conserve fuel. It also smooths out any driveline surges, generates electrical current to charge the batteries, runs auxiliary power outlets, and provides coast-down regenerative braking as an aid to fuel economy. The starter generator includes a rotor and stationary stator, housed inside the transmission bell housing. The stator is attached to the engine block and incorporates high efficiency/smaller package size coils formed by laser welding copper bars together instead of winding with copper wire. The rotor bolts directly to the engine crankshaft and spins inside the stator. Current flowing through the stator's electric windings generates magnetic forces in the rotor, which causes the rotor to turn, starting the engine. The starter generator is in series with the engine, connected directly to it, so that anytime the engine is turning, the Starter Generator is turning and vice versa. An auxiliary transmission oil pump helps enable the automatic start feature by assuring sufficient line pressure to allow torque transfer immediately upon driver command, when the engine is started.

Starter/Generator Control Module (SGCM) Description and Operation

The starter generator control module (SGCM) controls the flow of torque/energy into and out of the starter/generator. Overall, the SGCM controls the starter generator's engine cranking, torque control, speed control and torque smoothing/active damping functions. The SGCM also controls the four types of power:

- Perform bi-directional 36-volt DC to 12-volt DC electrical energy conversion between the 36-volt DC bus and the 12-volt DC bus for system energy management.
- Perform bi-directional DC/AC electrical energy conversion between the 36-volt DC bus and the 3-phase asynchronous machine
- Provide 120-volt 60Hz AC energy for on and off board electrical equipment.
- 28-volt AC for the starting function.

In the basic, 3-phase inversion/conversion process, 42-volt DC is converted to AC for starting, and, conversely, AC is converted to 42-volt DC for recharging. In addition, 14-volt power is converted to 42-volt for jump-starting, 42-volt power is converted to 14-volt for the battery charging function, and 42-volt power is converted to 120 volts AC for powering the auxiliary power outlets.

The SGCM has two discrete crank signal circuits inputs to calculate engine position. One is hard wired and one is a signal on the GMLAN bus. This acts as a back-up system in the event that one signal is interrupted the engine will be able to start and run although a DTC will set.

Engine Controls

Engine Controls – 4.3L

Ignition System Specifications

Application	Specification	
	Metric	English
Firing Order	1-6-5-4-3-2	
Spark Plug Wire Resistance	1,000 ohms per ft	
Spark Plug Torque	15 N·m	11 lb ft
Spark Plug Gap	1.52 mm	0.06 in
Spark Plug Type	R41-932 [AC plug type]	

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Accelerator Cable Bracket Nut/Stud	12 N·m	106 lb in
Accelerator Control Cable Bracket Nut	10 N·m	89 lb in
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Air Cleaner Outlet Resonator Stud	10 N·m	89 lb in
Camshaft Position (CMP) Sensor Screws	2.2 N·m	20 lb in
Crankshaft Position (CKP) Sensor Bolt	9 N·m	80 lb in
Distributor Hold Down Bolt	25 N·m	18 lb ft
Distributor Cap Screws	2.4 N·m	21 lb in
Engine Coolant Temperature (ECT) Sensor	20 N·m	15 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Evaporative Emission (EVAP) Canister Bracket Bolt	25 N·m	18 lb ft
EVAP Canister Purge Solenoid Nut	12 N·m	106 lb in
EVAP Canister Vent Valve Bracket Bolt	12 N·m	106 lb in
Fuel Feed and Return Pipe Bracket Bolt	6 N·m	53 lb in
Fuel Feed and Return Pipe Bracket Nut to Transmission	25 N·m	18 lb ft
Fuel Feed and Return Pipes Fittings	28 N·m	21 lb ft
Fuel Feed and Return Pipe Nut	3 N·m	27 lb in
Fuel Injector Retainer Lock Nut	3 N·m	27 lb in
Fuel Tank Ground Strap Bolt	9 N·m	80 lb in
Fuel Tank Filler Housing to Body Screw	2.3 N·m	20 lb in
Fuel Tank Filler Housing to Fuel Tank Fill Pipe Screw	2.3 N·m	20 lb in
Fuel Tank Fill Pipe Clamp	2.5 N·m	22 lb in
Fuel Line Fitting	25 N·m	18 lb ft
Fuel Tank Shield Bolt	18 N·m	13 lb ft
Fuel Tank Strap Bolt	40 N·m	30 lb ft
Heated Oxygen Sensor (HO2S)	42 N·m	31 lb ft
Idle Air Control (IAC) Valve Screw	3 N·m	27 lb in
Ignition Coil Bracket Stud	11 N·m	97 lb in
Ignition Module Screw	3.5 N·m	31 lb in
Knock Sensor Bolt	25 N·m	18 lb ft
Mass Air Flow/Intake Air Temperature (MAF/IAT) Hose Clamp	4 N·m	35 lb in
Powertrain Control Module (PCM) Electrical Connector Bolt	8 N·m	71 lb in
Rotor Screw	2 N·m	18 lb in
Spark Plug (New Aluminum Head)	20 N·m	15 lb ft
Spark Plug (New Iron Head)	30 N·m	22 lb ft

Spark Plug (Used Head)	15 N·m	11 lb ft
Throttle Body Stud	9 N·m	80 lb in
Throttle Position (TP) Sensor Screw	2 N·m	18 lb in

Fuel System Specifications

Use regular unleaded gasoline rated at 87 octane or higher. It is recommended that the gasoline meet specifications which have been developed by the American Automobile Manufacturers Association (AAMA) and endorsed by the Canadian Motor Vehicle Manufacturers Association for better vehicle performance and engine protection. Gasoline meeting the AAMA specification could provide improved driveability and emission control system performance compared to other gasoline. For more information, write to: American Automobile Manufacturer's Association, 7430 Second Ave, Suite 300, Detroit MI 48202.

Be sure the posted octane is at least 87. If the octane is less than 87, you may get a heavy knocking noise when you drive. If it is bad enough, it can damage your engine.

If you're using fuel rated at 87 octane or higher and you hear heavy knocking, your engine needs service. Don't worry if you hear a little pinging noise when you're accelerating or driving up a hill. That is normal and you don't have to buy a higher octane fuel to get rid of pinging. It is the heavy, constant knock that means you have a problem.

Notice

Your vehicle was not designed for fuel that contains methanol. Do not use methanol fuel which can corrode metal parts in your fuel system and also damage plastic and rubber parts. This kind of damage would not be covered under your warranty.

If your vehicle is certified to meet California Emission Standards, indicated on the under hood emission control label, your vehicle is designed to operate on fuels that meet California specifications. If such fuels are not available in states adopting California emissions standards, your vehicle will operate satisfactorily on fuels meeting federal specifications, but emission control system performance may be affected. The malfunction indicator lamp on your instrument panel may turn ON and/or your vehicle may fail a smog-check test. If this occurs, return to your authorized dealer for diagnosis to determine the cause of failure. In the event there is a determination that the cause of the condition is the type of fuels used, repairs may not be covered by your warranty.

Some gasolines that are not reformulated for low emissions may contain an octane-enhancing additive called methylcyclopentadienyl manganese tricarbonyl (MMT). Ask your service station operator whether or not the fuel contains MMT.

Engine Controls – 4.8, 5.3 & 6.0L**Ignition System Specifications**

Application	Specification	
	Metric	English
Firing Order	1-8-7-2-6-5-4-3	
Spark Plug Wire Resistance	397-1,337 ohms	
Spark Plug Torque	15 N·m	11 lb ft
Spark Plug Gap	1.52 mm	0.060 in
Spark Plug Type	25171803 [AC plug type] 12567759 [NGK plug type]	

Fastener Tightening Specifications

Application	Specifications	
	Metric	English
3-Phase Cable Bracket Nut	15 N·m	11 lb ft
3-Phase Cable to Starter/Generator Control Module (SGCM) Nut	9 N·m	80 lb in
Accelerator Pedal Bolt	9 N·m	80 lb in
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Auxiliary Heater Water Pump Bracket Bolt	15 N·m	11 lb ft
Brake Pipe Fittings to Electronic Brake Control Module (EBCM)	25 N·m	18 lb ft
Camshaft Position (CMP) Sensor Bolt	29 N·m	21 lb ft
Canister Vent Solenoid (CVS) Bracket Bolt	12 N·m	106 lb in
Crankshaft Position (CKP) Sensor Bolt	25 N·m	18 lb ft
Electro-Hydraulic Control Unit (EHC) Bolts	25 N·m	18 lb ft
Engine Coolant Temperature (ECT) Sensor	20 N·m	15 lb ft
Engine Wiring Harness Bracket Nut	5 N·m	44 lb in
EVAP Canister Bolt/Nut	25 N·m	18 lb ft
EVAP Canister Bracket Nut	25 N·m	18 lb ft
EVAP Canister Purge Solenoid Bolt	10.5 N·m	93 lb in
EVAP Vent Valve Bracket Bolt	12 N·m	106 lb in
Fuel Composition Sensor Nut	17 N·m	13 lb ft
Fuel Composition Sensor to Bracket Bolt	10 N·m	89 lb in
Fuel Feed and EVAP Pipe Assembly Nut	12 N·m	106 lb in
Fuel Line Fitting	25 N·m	18 lb ft
Fuel Pipe Bracket Nut	10 N·m	89 lb in
Fuel Rail Bolts	10 N·m	89 lb in
Fuel Tank Fill Pipe Clamp	2.5 N·m	22 lb in
Fuel Tank Filler Housing to Body Screw	2.3 N·m	20 lb in
Fuel Tank Filler Pipe Housing to Fuel Tank Fill Pipe Screw	2.3 N·m	20 lb in
Fuel Tank Ground Strap Bolt	9 N·m	80 lb in
Fuel Tank Shield Bolt	18 N·m	13 lb ft
Fuel Tank Strap Bolt	40 N·m	30 lb ft
Heated Oxygen Sensor (HO2S)	42 N·m	31 lb ft
Ignition Coil Bolt	8 N·m	71 lb in
Knock Sensor	20 N·m	15 lb ft
Mass Air Flow/Intake Air Temperature (MAF/IAT) Sensor Clamp	7 N·m	62 lb in
Powertrain Control Module (PCM) Electrical Connector Bolt	8 N·m	71 lb in
Spark Plug		
• New Head	20 N·m	15 lb ft
• Used Head	15 N·m	11 lb ft
Starter/Generator Control Module (SGCM) Cover Bolt	9 N·m	80 lb in
Throttle Actuator Control (TAC) Module Nut	9 N·m	80 lb in
Throttle Body Nut	10 N·m	89 lb in

Engine Controls – 6.6L Diesel**Fastener Tightening Specifications**

Application	Specification	
	Metric	English
Accelerator Pedal Bolt	9 N·m	80 lb in
Air Cleaner Housing Door Screw	4 N·m	35 lb in
Air Cleaner Outlet Duct Clamp	4 N·m	35 lb in
Air Conditioning Compressor Bolt	50 N·m	37 lb ft
Air Conditioning Compressor/Power Steering Bracket Bolt	46 N·m	34 lb ft
Air Inlet Tube Nut	25 N·m	18 lb ft
Air Inlet Tube to Intake Manifold Tube Bolt/Nut	10 N·m	89 lb in
Battery Positive Cable Junction Block Bracket Bolt	9 N·m	80 lb in
Camshaft Position (CMP) Sensor Bolt	10 N·m	89 lb in
Charged Air Cooler Duct Clamp	6 N·m	53 lb in
Crankshaft Position (CKP) Sensor Bolt	10 N·m	89 lb in
Crankshaft Position Sensor (CKP) Sensor Spacer Bolt	10 N·m	89 lb in
Drive Belt Tensioner Bolt	50 N·m	37 lb ft
Electrical Harness Bolt	4 N·m	35 lb in
Electronic Brake Control Module Bracket Bolt	25 N·m	18 lb ft
Engine Coolant Temperature (ECT) Sensor	20 N·m	15 lb ft
Engine Harness Main Electrical Connector Bolt	10 N·m	89 lb in
Engine Harness Power Lead Nut	10 N·m	89 lb in
Engine Wiring Harness Main Connector Bracket Bolt	21 N·m	15 lb ft
Engine Wiring Harness Ground Bolt	34 N·m	25 lb ft
Exhaust Gas Recirculation (EGR) Coolant Pipe Bolt	25 N·m	18 lb ft
Exhaust Gas Recirculation (EGR) Cooler Heat Protector Bolt	25 N·m	18 lb ft
Exhaust Gas Recirculation (EGR) Cooler Tube Bolt	50 N·m	37 lb ft
Exhaust Gas Recirculation (EGR) Cooler Tube Rear Bolt	20 N·m	15 lb ft
Exhaust Gas Recirculation (EGR) Valve/Solenoid Bolt	20 N·m	15 lb ft
Fuel Bundle Nut	16 N·m	12 lb ft
Fuel Cooler Bolt	18 N·m	13 lb ft
Fuel Cooler Bracket Bolt	18 N·m	13 lb ft
Fuel Cooler Nut	40 N·m	30 lb ft
Fuel Feed Pipe Bolt/Nut	25 N·m	18 lb ft
Fuel Feed Pipe Nut	41 N·m	30 lb ft
Fuel Filter Bracket Bolt	20 N·m	15 lb ft
Fuel Filter Bracket to Fuel Filter/Heater Element Housing	20 N·m	15 lb ft
Fuel Injection Pump Adapter Bolt	20 N·m	14 lb ft
Fuel Injection Pump Bolt	21 N·m	15 lb ft
Fuel Injection Pump Gear Nut	70 N·m	52 lb ft
Fuel Injector Bracket Bolt	30 N·m	22 lb ft
Fuel Injector Pipe Fitting	41 N·m	30 lb ft
Fuel Inlet Pipe to Fuel Rail Fitting	41 N·m	30 lb ft
Fuel Line Bracket Nut	16 N·m	12 lb ft
Fuel Line to Balance Pump Fitting	30 N·m	22 lb ft
Fuel Pipe Bracket Bolt	25 N·m	18 lb ft
Fuel Pressure Regulator Screws		
• First Pass	4 N·m	35 lb in
• Final Pass	7 N·m	62 lb in
Fuel Pressure Relief Valve	100 N·m	74 lb ft
Fuel Rail Balance Pipe Bolt	25 N·m	18 lb ft
Fuel Rail Balance Pipe Fitting	41 N·m	30 lb ft

Application	Specification	
	Metric	English
Fuel Rail Bolt	25 N·m	18 lb ft
Fuel Rail Feed Pipe Fitting	41 N·m	30 lb ft
Fuel Rail Pipe Clamp Bolt	25 N·m	18 lb ft
Fuel Return Line Clamp Bolt	25 N·m	18 lb ft
Fuel Tank Fill Pipe Clamp	2.5 N·m	22 lb in
Fuel Tank Filler Housing to Body Screw	2.3 N·m	20 lb in
Fuel Tank Filler Housing to Fuel Tank Fill Pipe Screw	2.3 N·m	20 lb in
Fuel Tank Ground Strap Bolt	9 N·m	80 lb in
Fuel Tank Shield Bolt	18 N·m	13 lb ft
Fuel Tank Strap Bolt	40 N·m	30 lb ft
Fuel Tank Vent Hose Clamp	2.5 N·m	22 lb in
Fuel Temperature Sensor	22 N·m	16 lb ft
Generator Bracket Bolt	46 N·m	34 lb ft
Glow Plug	18 N·m	13 lb ft
Glow Plug Control Module Bolt	10 N·m	89 lb in
Glow Plug Electrical Connector Nut	2 N·m	18 lb in
Glow Plug Harness Nut	1.7 N·m	15 lb in
Glow Plug Wiring Harness Bracket Bolt	10 N·m	89 lb in
Heater Outlet Hose Bolt	21 N·m	15 lb ft
Intake Air Heater Bolt	20 N·m	15 lb ft
Intake Air Temperature (IAT) Sensor	25 N·m	18 lb ft
Manifold Absolute Pressure (MAP) Sensor Bolt	10 N·m	89 lb in
Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor Screw	8 N·m	70 lb in
Oil Level Indicator Tube Bolt	21 N·m	15 lb ft
Oil Level Indicator Tube Bracket Bolt	21 N·m	15 lb ft
Oil Level Sensor Harness Bolt	40 N·m	30 lb ft
Power Steering Pump Bracket Rear Bolts	50 N·m	37 lb ft
Return/Junction Block Fuel Line Clip	25 N·m	17 lb ft
Turbocharger Oil Feed Pipe Bolt	34 N·m	25 lb ft
Turbocharger Vane Position Control Solenoid Valve Bracket Bolt	23 N·m	18 lb ft
Turbocharger Vane Position Sensor	28 N·m	21 lb ft

Fuel System Specifications

What Fuel to Use in the United States

In the United States, for best results use Number 2-D diesel fuel year-round, above and below freezing conditions, as oil companies blend Number 2-D fuel to address climate differences. Number 1-D diesel fuel may be used in very cold temperatures when the temperature stays below -18°C (0°F). However, the fuel will produce a power and fuel economy loss. The use of Number 1-D diesel fuel in warm or hot climates may result in stalling, poor starting when the engine is hot and may damage the fuel injection system.

Diesel fuel may foam when filling the tank. This can cause the automatic pump nozzle to shut OFF, even though the tank is not full. If this happens, just wait for the foaming to stop and then continue to fill the tank.

What Fuel to Use in Canada

Canadian fuels are blended for seasonal changes. Diesel Type A fuel is blended for better cold weather starting (when it stays below -18°C (0°F). However, the fuel will produce a power and fuel economy loss. The use of Type A diesel fuel in warmer climates may result in stalling, poor starting. Diesel Type B fuel is blended for temperatures above -18°C (0°F). The emission control system requires the use of diesel fuel with low sulfur, 0.05 percent by weight, content. Both low and higher sulfur fuels will be available in Canada. Only low sulfur diesel fuels are available in the United States. Diesel-powered trucks must be

refueled only with low sulfur fuel. Use of fuels with higher-sulfur content will affect the function of the emission components and may caused reduced performance, excessive smoke and unpleasant odor.

Very Cold Weather Operation

If the vehicle is driven in very cold temperatures and can not get a winterized Number 2-D that has been adapted to cold weather or a Number 1-D, use one gallon of kerosene for every two gallons of diesel fuel. Once you add kerosene, run the engine for several minutes to mix the fuels. Only add kerosene when the temperature falls below -18°C (0°F), because the fuel economy and lubricating qualities of kerosene is not as good as that of diesel fuel.

In cold weather , the fuel filter may become clogged (waxed). To unclog the filter, move the vehicle to a warm garage area and warm the filter to a temperature between 0-10°C (32-50°F). Replacing the filter is not necessary.

Fuel Specific Gravity Testing

Use a Diesel Fuel Quality Tester to measure the fuel specific gravity (API Rating). Follow the instructions on the tool to btain the proper temerpature-adjusted value. This information must be accurate for the proper diagnosis of the fuel system.

Fuel Injector Return Flow and Fuel Pressures

The fuel return from the fuel injectors to the tank will vary based on the API value of the fuel. Measure the Fuel API with the Diesel Fuel Quality Tester. For this reason the Fuel System Diagnosis-High Pressure Side values will vary for identifying a fuel injector or fuel pump concern. Use the following tables when referred to by the diagnostic. The first table is to be used during the initial diagnosis to identify the worst fuel injectors. After the fuel injectors that fail the first part of the test are replaced, the return flow from each fuel injector must be measured again. This is because the fuel system is returning less fuel to the tank, and thus the fuel pressure is higher during the retest. Failure to use the correct table may result in the replacement of good fuel injectors.

Initial Fuel Injector Return Flow Values

API Rating	Maximum Single Fuel Injector Return Flow	Maximum Fuel Injector Bank Return Flow
30-34	3 ml	12 ml
35-39	4 ml	16 ml
40-44	5 ml	20 ml

Retesting Fuel Injector Return Flow Values

API Rating	Maximum Single Fuel Injector Return Flow	Maximum Fuel Injector Bank Return Flow	Fuel Pressure at cranking speed (FICM Disabled)
30-34	4 ml	16 ml	176-180 Mpa
35-39	5 ml	20 ml	134-178 Mpa 176-180 Mpa
40-44	5 ml	20 ml	114-135 Mpa

Water in Fuel

Sometimes, water can be pumped into the fuel tank along with diesel fuel. This can happen if the service station does not regularly inspect and clean their fuel tanks, or the fuel gets contaminated for the service stations suppliers.

If water is pumped into the fuel tank, a water in fuel light will illuminate. If the water in fuel light illuminates, the excess water must be drained from the fuel system on the vehicle.

Very Cold Weather Operation

If the vehicle is driven in very cold temperatures and can not get a winterized Number 2-D that has been adapted to cold weather or a Number 1-D, use one gallon of kerosene for every two gallons of diesel fuel. Once you add kerosene, run the engine for several minutes to mix the fuels. Only add kerosene when the

temperature falls below -18°C (0°F), because the fuel economy and lubricating qualities of kerosene is not as good as that of diesel fuel.

In cold weather, the fuel filter may become clogged (waxed). To unclog the filter, move the vehicle to a warm garage area and warm the filter to a temperature between 0-10°C (32-50°F). Replacing the filter is not necessary.

Water in Fuel

Sometimes, water can be pumped into the fuel tank along with diesel fuel. This can happen if the service station does not regularly inspect and clean their fuel tanks, or the fuel gets contaminated for the service stations suppliers.

If water is pumped into the fuel tank, a water in fuel light will illuminate. If the water in fuel light illuminates, the excess water must be drained from the fuel system on the vehicle.

Glow Plug System Description

In the diesel engine, air alone is compressed in the cylinder. Then, after the air has been compressed, a charge of fuel is sprayed into the cylinder and ignition occurs, due to the heat of compression. Eight glow plugs are used as an aid to starting.

Control of the glow plugs is accomplished by moving the logic for controlling the heat of the plugs to the engine control module (ECM). The new logic can incorporate the higher accuracy of digital processing compared to the previous analog controller. Additionally, logic involving engine speed and estimates of engine combustion can be added to the traditional time and temperature data used in the previous controller. This capability yields more optimum heat times for the glow plugs, thus pre-glow times can be kept to a minimum for short wait to crank times and maximum glow plug durability.

A normal functioning system operates as follows:

- Turn the ignition ON with the engine OFF, and at room temperature.
- The glow plugs turn ON for between 1 and 16 seconds.
- If the engine is cranked during or after the above sequence, the glow plugs may cycle ON and OFF after the engine control switch is returned from the crank position, whether the engine starts or not. The engine does not have to be running to terminate the glow plug cycling.

The glow plug initial ON time will vary based on the system voltage and temperature. Lower temperatures cause longer ON times.

The ECM provides glow plug operation after starting a cold engine. This post-start operation is initiated when the ignition switch is returned to Run, from the Start position. This function helps clean up excessive white smoke and/or poor idle quality after starting.

Glow Plugs

The glow plugs are heaters in each of the cylinders that turn ON when the ignition switch is turned to the Run position prior to starting the engine. They remain pulsing a short time after starting, then they are turned OFF.

A Wait to Start lamp on the instrument panel provides information on engine starting conditions. The Wait to Start lamp will not illuminate during post-start glow plug operation.

Glow Plug Relay/Controller

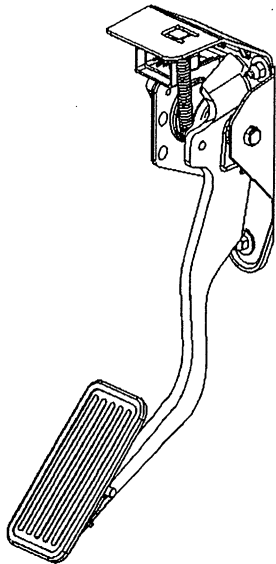
The glow plug relay is a solid state device which operates the glow plugs on Federal Emissions Vehicles. The glow plug controller is a solid state device which operates the glow plugs on California Emissions vehicles. Both components perform the same function of turning ON the glow plugs based on ECM commands

The glow plug controller or relay is connected to the following circuits:

- The fuel heater ignition 1 voltage circuit
- The battery voltage circuit
- The glow plug enable circuit located between the ECM and the glow plug relay or controller
- The engine ground circuit
- The glow plug supply voltage circuit located between the glow plug relay/controller and the glow plugs.

On the California Emissions vehicles, the glow plug diagnostic circuit connects directly from the ECM to the glow plug controller. On Federal emissions vehicles, the glow plug diagnostic circuit is spliced to the glow plug enable circuit after the relay.

Accelerator Pedal Position (APP) System Description



The accelerator pedal position (APP) system along with the vehicle electronics and components is used to calculate and control the amount of acceleration and deceleration via fuel injector control. This eliminates the need for a mechanical cable attachment from the accelerator pedal to a throttle body.

The APP system includes, but is not limited to, the following components :

- The accelerator pedal position (APP) sensor assembly
- The engine control module (ECM)

Accelerator Pedal Position (APP) Sensor

The accelerator pedal position (APP) sensor is mounted on the accelerator pedal control assembly. The sensor is made up of 3 individual sensors within one housing. Three separate signal, low reference, and 5-volt reference circuits are used in order to interface the accelerator pedal sensor assembly with the ECM. Each sensor has a unique functionality to determine pedal position. The ECM uses the APP sensor to determine the amount of acceleration or deceleration desired by the person driving the vehicle. The APP sensor 1 voltage should increase as the accelerator pedal is depressed, from below 1.0 volt at 0 pedal travel to above 2 volts at 100 percent pedal travel. APP sensor 2 voltage should decrease from above 4 volts at 0 pedal travel to below 3.0 volts at 100 percent pedal travel. APP sensor 3 voltage should decrease from above 3.8 volts at 0 percent pedal travel to below 3.3 volts at 100 percent pedal travel.

Exhaust Gas Recirculation (EGR) System Description

The exhaust gas recirculation (EGR) system is used to reduce the amount of nitrogen oxide (NOx) emission levels caused by combustion temperatures exceeding 816°C (1,500°F). It does this by introducing small amounts of exhaust gas back into the combustion chamber. The exhaust gas absorbs a

portion of the thermal energy produced by the combustion process and thus decreases combustion temperature. The EGR system will only operate under specific temperature, barometric pressure and engine load conditions in order to prevent drivability concerns and to increase engine performance.

The EGR system consists of the following components:

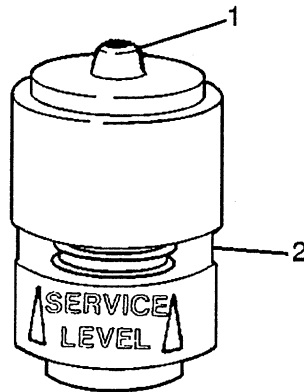
- **EGR Valve** The EGR valve is vacuum operated. The EGR valve is used to transmit exhaust gases from the exhaust system to the intake manifold to be recirculated into the combustion process.
- **Vacuum Pump** Vacuum for the EGR vacuum control system is created by a belt driven mechanical pump called a vacuum pump. When the engine is running, the vacuum pump is operating at all times.
- **EGR Valve Vacuum Control Solenoid** The EGR valve vacuum control solenoid is located in the EGR vacuum control system between the vacuum pump and the EGR vacuum vent solenoid. The ECM pulse width modulates (PWM) the ground path of the EGR valve vacuum control solenoid allowing metered vacuum from the vacuum pump to open the EGR valve to the desired position. The EGR valve vacuum control solenoid is supplied ignition voltage through the ignition 1 voltage circuit from the Fuel HT fuse. The EGR valve vacuum control solenoid is normally closed.
- **EGR Vacuum Vent Solenoid** The EGR vacuum vent solenoid is located between the EGR valve vacuum control solenoid and the EGR vacuum sensor. The ECM opens the EGR vacuum vent solenoid, allowing vacuum from the vacuum pump to build in the EGR vacuum control system. When the EGR vacuum vent solenoid is commanded closed, the EGR vacuum control system is vented to atmosphere which will cause the EGR valve to close very fast. The ECM controls the EGR vacuum vent solenoid by switching the ground path ON and OFF. Ignition voltage is supplied through the ignition 1 voltage circuit from the Fuel HT fuse. The EGR vacuum vent solenoid is normally closed.
- **EGR Throttle Valve Vacuum Control Solenoid** The EGR throttle valve vacuum control solenoid is located in the EGR vacuum control system between the vacuum pump and the EGR throttle valve. The ECM opens the EGR throttle valve vacuum control solenoid, allowing vacuum from the vacuum pump to close the EGR throttle valve. Diesel engines do not create enough engine vacuum on their own to allow the EGR gases into the combustion process. The EGR throttle valve, when closed, creates a restriction of incoming fresh air to the engine in order to create engine vacuum. When the ECM commands the EGR valve to open, the EGR throttle valve will be commanded closed. The ECM controls the EGR throttle valve vacuum control solenoid by switching the ground path ON and OFF. Ignition voltage is supplied through the ignition 1 voltage circuit from the Fuel HT fuse. The EGR throttle valve vacuum control solenoid is normally closed.
- **EGR Vacuum Sensor** The EGR vacuum sensor is located in the EGR vacuum control system between the EGR vacuum vent solenoid and the EGR valve. The ECM uses the EGR vacuum sensor to monitor the amount of vacuum that is available to the EGR valve. The ECM will make adjustments to the EGR vacuum control system in order to obtain the vacuum level necessary to achieve the proper EGR valve position. The EGR vacuum sensor is interfaced with the ECM by a 5-volt reference circuit, a low reference circuit and a signal circuit.
- **MAF Sensor** The MAF sensor is located in the air intake system between the air filter and the EGR valve out-take port. The ECM monitors the Mass Air Flow (MAF) sensor signal to calculate the actual amount of EGR flow into the intake manifold. When the EGR valve is opened, the MAF rate will decrease. When the EGR valve vacuum control solenoid is operated at 50-70 percent duty cycle, the MAF rate should drop at least 4 g/s.
- **EGR Valve Cooler** The EGR valve cooler is mounted on the right intake manifold, between the EGR valve and the exhaust pipe. Engine coolant flows through the EGR valve cooler in order to lower the exhaust gas temperatures before it enters the EGR valve and intake manifold.
- **ECM** The PCM calculates the amount of EGR needed based on the following inputs:
 - The accelerator pedal position (APP) sensor
 - The barometric pressure (BARO) sensor
 - The boost sensor
 - The engine coolant temperature (ECT) sensor

- The exhaust gas recirculation (EGR) vacuum sensor
- The intake air temperature (IAT) sensor
- The mass airflow (MAF) sensor
- The vehicle speed sensor (VSS)
- The engine speed

Air Intake System Description

The air intake system is used to direct cool air from the exterior of the engine compartment to the intake manifold. An air cleaner is incorporated into the system to keep dirt from entering the engine. The system also has a turbocharger to increase power, improve driveability and reduce emissions.

Air Cleaner Restriction Indicator



- (1) Reset Button
- (2) Window

The air cleaner restriction indicator is located on the air cleaner housing.

If the area inside of the clear section is green, no air filter service is required. If the area inside the clear section is orange and Change Air Filter appears, replace the air filter.

Manual High Idle System Description

High Idle System

The diesel engine has a high idle system to improve the warm-up time of the engine in cold weather conditions. This system allows the engine control module (ECM) to increase the idle speed above the normal calibrated value. The ECM increases the idle speed using the following adjustments:

- The fuel injection timing is changed.
- The fuel injection quantity is changed.
- The turbocharger vane position is commanded closed. the vane position will be farther closed than any other normal operating condition.

The instrument panel will indicate the high idle system is active one of two ways:

- The driver information center (DIC) will indicate an active high idle system on light duty trucks.
- An indicator lamp will flash on medium duty trucks.

High Idle Speed Enable and Disable

To enable or disable the high idle system perform the following procedure:

1. Turn the ignition ON, with the engine OFF.
2. Depress the accelerator pedal to the floor and hold down.
3. While the accelerator pedal is depressed, depress the brake pedal 3 times in less than 8 seconds.
4. Release the accelerator pedal.
5. Start the engine.

When the procedure is followed the engine idle speed will slowly increased to the calibrated high idle speed. This is 1200 RPM for light duty, and 1500 RPM for medium duty trucks.

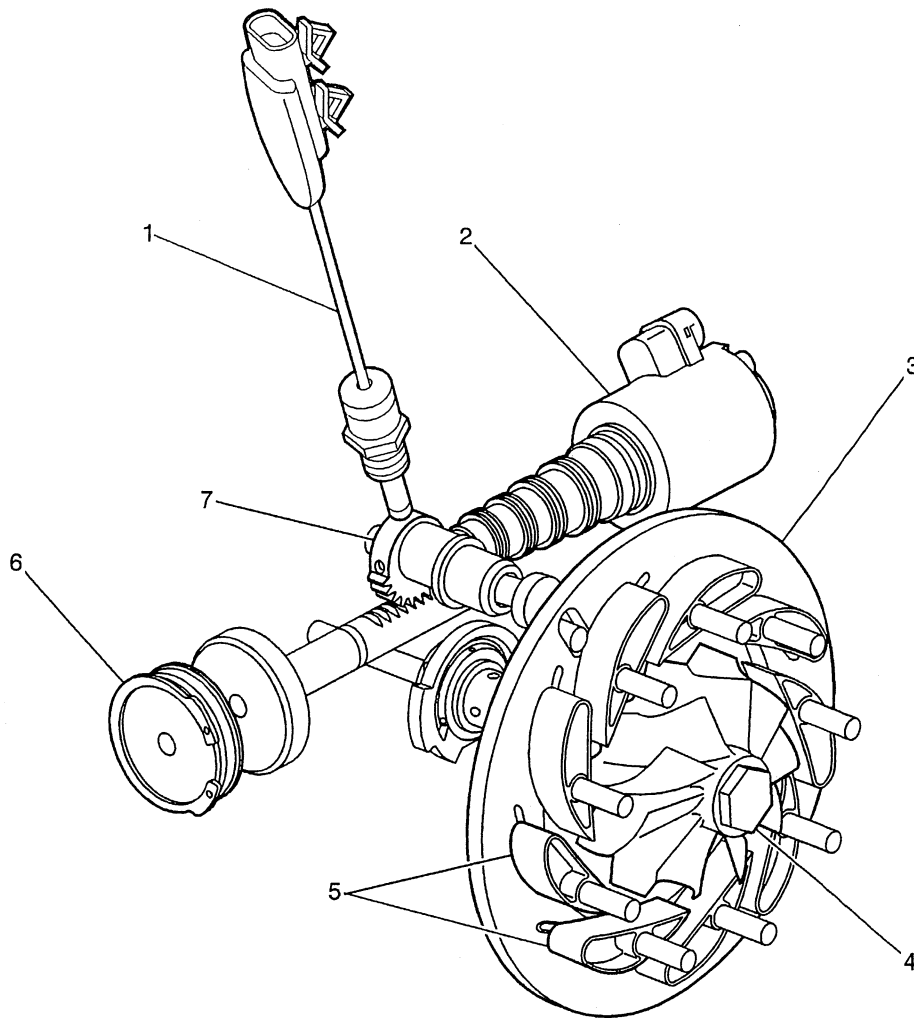
The idle speed will return to normal if any of the following conditions occur:

- There is brake, clutch, or throttle input from the driver.
- The automatic transmission is shifted out of Park or Neutral.
- The air temperature is more than 0°C (32°F).
- The engine coolant temperature (ECT) is more than 68°C (154°F)
- The vehicle speed exceeds 0 km/h (0 mph).

The high idle system will reactivate automatically when the following conditions occur:

- The engine has been idling for more than 30 seconds.
- The transmission is placed in Park or Neutral.
- the vehicle speed is 0 km/h (0 mph).
- The ambient air temperature is less than 0°C (32°F).
- The ECT is less than 68°C (154°F)
- The brake, clutch and throttle pedals are not depressed.

Turbocharger Description and Operation



- (1) Turbocharger Vane Position Sensor
- (2) Turbocharger Vane Position Control Solenoid Valve
- (3) Turbocharger Vane Position Unison Ring
- (4) Turbine
- (5) Turbocharger Vanes
- (6) Hydraulic Piston
- (7) Cam

The turbocharger increases engine power by pumping compressed air into the combustion chambers, allowing a greater quantity of fuel to combust at the optimal air/fuel ratio. In a conventional turbo, the turbine (4) spins as exhaust gas flows out of the engine and over the turbine blades. This spins the compressor wheel at the other end of the turbine shaft, pumping more air into the intake system.

The turbocharger for this system has vane position control by the engine control module (ECM). The vanes (5) can be opened and closed to vary the amount of boost pressure. Thus, the boost pressure can be controlled independent of engine speed. There are 9 controllable vanes in this turbocharger. The vanes mount to a unison ring (3) that can be rotated to change the vane angle. When the engine is not under load, the vanes are open to minimize boost and exhaust back pressure. To increase boost when the engine load requires it, the vanes are commanded closed. The ECM will vary the boost dependent upon the load requirements of the engine.

The turbocharger vanes are normally open when the engine is not under load. However, the ECM will often close the turbocharger vanes to create back pressure to drive exhaust gas through the exhaust gas recirculation (EGR) valve as required. At extreme cold temperatures, the ECM may close the vanes at low load conditions in order to accelerate engine coolant heating. The ECM may also close the turbocharger vanes under exhaust braking conditions.

The turbocharger control system utilizes the following components:

Turbocharger Vane Position Control Solenoid Valve

The vane position control solenoid valve (2) works in conjunction with oil pressure to control the turbocharger vanes. The solenoid valve uses 2 circuits; a control circuit and a low reference circuit. The engine control module (ECM) uses a pulse width modulation on the HI control circuit to control the solenoid valve. The ECM will control the solenoid valve to allow the engine oil pressure (EOP) to move a piston (6). This piston rotates the unison ring, thus controlling the engine boost dependant upon engine load.

Turbocharger Vane Position Sensor

The vane position sensor (1) uses 3 circuits: a 5-volt reference circuit, a low reference circuit, and a signal circuit. The engine control module (ECM) provides the sensor with 5 volts on the 5-volt reference circuit and a ground on the low reference circuit. Movement of the sensor from the open vane position to the closed vane position provides the ECM with a signal voltage through the position sensor signal circuit that ranges from 1 volt with the turbocharger vanes open to 3.5 volts with the turbocharger vanes completely closed.

Engine Control Module (ECM)

The engine control module (ECM) controls all turbocharger control functions. The ECM monitors information from various sensor inputs that include the following:

- The accelerator pedal position (APP) sensor
- The engine coolant temperature (ECT) sensor
- The mass airflow (MAF) sensor
- The intake air temperature (IAT) sensor
- The vehicle speed sensor (VSS)
- The transmission gear position or range information sensors
- The boost pressure sensor

Engine Controls – 8.1L

Ignition System Specifications

Application	Specification	
	Metric	English
Firing Order	1-8-7-2-6-5-4-3	
Spark Plug Wire Resistance	1,000 ohms per ft	
Spark Plug Torque	20 N·m	15 lb ft
Spark Plug Gap	1.52 mm	0.060 in
Spark Plug Type	TJ14R-P15 Denso plug type	

Fastener Tightening Specifications

Application	Specifications	
	Metric	English
Accelerator Pedal Bolt	9N·m	80 lb in
Air Cleaner Resonator Outlet Duct Clamp	4 N·m	35 lb in
Brake Pipe Fitting	25 N·m	18 lb ft
Camshaft Position (CMP) Sensor Bolt	12 N·m	106 lb in
Crankshaft Position (CKP) Sensor Bolt	12 N·m	106 lb in
Electro-Hydraulic Control Unit Bracket Bolt	25 N·m	18 lb ft
Engine Coolant Temperature (ECT) Sensor	50 N·m	37 lb ft
Engine Shield Bolt	20 N·m	15 lb ft
Engine Wire Harness Bolt/Stud	10 N·m	89 lb in
Evaporative Emission (EVAP) Canister Nut	25 N·m	18 lb ft
Evaporative Emission (EVAP) Canister Purge Valve Bolt	10 N·m	89 lb in
Evaporative Emission (EVAP) Canister Vent Solenoid Bracket Bolt	12 N·m	106 lb in
Fuel Feed and EVAP Bundle Nut	12 N·m	106 lb in
Fuel Fill Pipe Clamp	2.5 N·m	22 lb in
Fuel Pipe Bracket Nut	10 N·m	89 lb in
Fuel Rail Stud	12 N·m	106 lb in
Fuel Tank Filler Housing to Body Screw	2.3 N·m	20 lb in
Fuel Tank Filler Pipe Housing to Fuel Tank Fill Pipe Screw	2.3 N·m	20 lb in
Fuel Tank Ground Strap Bolt	9 N·m	80 lb in
Fuel Tank Shield Bolt	18 N·m	13 lb ft
Fuel Tank Strap Bolt	40 N·m	30 lb ft
Heated Oxygen Sensor (HO2S)	42 N·m	31 lb ft
Ignition Coil Bolt	12 N·m	106 lb in
Knock Sensor	20 N·m	15 lb ft
Manifold Absolute Pressure (MAP) Sensor Bolt	12 N·m	106 lb in
Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor Clamp	7 N·m	62 lb in
Powertrain Control Module (PCM) Electrical Connector Bolt	8 N·m	71 lb in
Spark Plug (Existing Head)	20 N·m	15 lb ft
Spark Plug (New Head)	30 N·m	22 lb ft
Throttle Actuator Control Module Bracket Nut	9 N·m	80 lb in
Throttle Actuator Control Module Nut	9 N·m	80 lb in
Throttle Body Nut	10 N·m	89 lb in

Exhaust System

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Catalytic Converter Coupling Nut	45 N·m	33 lb ft
Exhaust Gas Recirculation (EGR) Cooler Tube Nut (6.6L)	30 N·m	20 lb ft
Exhaust Hanger Bracket Bolt	12 N·m	106 lb in
Exhaust Heat Shield Bolt (Body Panel)	9 N·m	80 lb in
Exhaust Heat Shield Nut (Body Panel)	9 N·m	80 lb in
Exhaust Manifold Bolts (4.8L, 5.3L, and 6.0L)		
• First Pass	15 N·m	11 lb ft
• Final Pass	25 N·m	18 lb ft
Exhaust Manifold Bolt/Nut (6.6L)	34 N·m	25 lb ft
Exhaust Manifold Bolt/Stud (4.3L)	30 N·m	22 lb ft
Exhaust Manifold Center Bolt (8.1L)	35 N·m	26 lb ft
Exhaust Manifold Heat Shield Bolt (4.3L, 4.8L, 5.3L, and 6.0L)	9 N·m	80 lb in
Exhaust Manifold Heat Shield Bolt (6.6L)	8 N·m	71 lb in
Exhaust Manifold Heat Shield Bolt/Nut (8.1L)	25 N·m	18 lb ft
Exhaust Manifold Nut (8.1L)	16 N·m	12 lb ft
Exhaust Manifold Pipe Nut	50 N·m	37 lb ft
Exhaust Muffler Hanger Nut	50 N·m	39 lb ft
Exhaust Muffler Nut	40 N·m	30 lb ft
Exhaust Outlet Pipe Clamp (6.6L)	15 N·m	11 lb ft
Exhaust Outlet to Right Exhaust Pipe Bracket Bolt (6.6L)	34 N·m	25 lb ft
Exhaust Pipe Clamp	44 N·m	33 lb ft
Exhaust Pipe Hanger Bracket Bolt	12 N·m	106 lb in
Exhaust Pipe Hanger Bracket Bolt (4L60-E)	17 N·m	13 lb if
Exhaust Pipe Heat Shield Bolt (6.6L)	8 N·m	71 lb in
Exhaust Pipe to Manifold Bolt (6.6L)	53 N·m	39 lb ft
Exhaust Pipe to Turbocharger Bolt (6.6L)	53 N·m	39 lb ft
Hood Hinge Bolt	25 N·m	18 lb ft
Intake Manifold Cover Clamp (6.6L)	6 N·m	53 lb in
Oil Level Indicator Tube Bracket Bolt (6.6L)	21 N·m	15 lb ft
Outlet Duct Clamp	6 N·m	53 lb in
Oxygen Sensor	42 N·m	31 lb ft
Rear Shock Absorber Lower Bolt	95 N·m	70 lb ft
Spark Plug (4.3L)	15 N·m	11 lb ft
Spark Plug Wire Retainer Bolt (4.3L)	12 N·m	106 lb in
Transmission Bolt	100 N·m	74 lb ft
Transmission Fluid Fill Tube Nut (6.6L)	18 N·m	13 lb ft
Transmission Mount to Support Nut	40 N·m	30 lb ft
Transmission Support Crossmember Bolt	95 N·m	70 lb ft
Turbocharger Exhaust Pipe Bolt/Nut (6.6L)	53 N·m	39 lb ft
Turbocharger Exhaust Pipe Heat Shield Bolt (6.6L)	8 N·m	71 lb in
Turbocharger Heat Shield Bolt (6.6L)	9 N·m	80 lb in

Exhaust System Description

Important

Use of non-OEM parts may cause driveability concerns.

The exhaust system design varies according to the model designation and the intended use of the vehicle.

In order to secure the exhaust pipe to the exhaust manifold, the exhaust system utilizes a flange and seal joint coupling. A flange and gasket coupling secures the catalytic converter assembly to the muffler assembly.

Hangers suspend the exhaust system from the underbody, allowing some movement of the exhaust system and disallowing the transfer of noise and vibration into the vehicle.

Heat shields protect the vehicle from the high temperatures generated by the exhaust system.

Resonator

Some exhaust systems are equipped with a resonator. The resonator, located either before or after the muffler, allows the use of mufflers with less back pressure. Resonators are used when vehicle characteristics require specific exhaust tuning.

Catalytic Converter

The catalytic converter is an emission control device added to the engine exhaust system in order to reduce hydrocarbons (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) pollutants from the exhaust gas.

The catalytic converter is comprised of a ceramic monolith substrate, supported in insulation and housed within a sheet metal shell. The substrate may be washcoated with 3 noble metals:

- Platinum (Pt)
- Palladium (Pd)
- Rhodium (Rh)

The catalyst in the converter is not serviceable.

Muffler

The exhaust muffler reduces the noise levels of the engine exhaust by the use of tuning tubes. The tuning tubes create channels inside the exhaust muffler that lower the sound levels created by the combustion of the engine.

Transmission/Transaxle Description and Operation

Manual Transmission - NV 3500

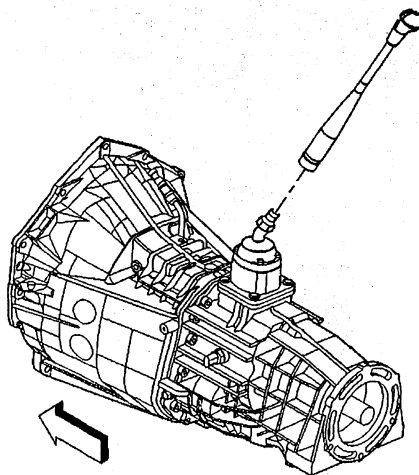
Fastener Tightening Specifications

Application	Specification	
	Metric	English
Backup Lamp Switch	37 N·m	27 lb ft
Clutch Actuator Cylinder Bolt	8 N·m	71 lb in
Control Lever Boot Screw	1.6 N·m	14 lb in
Input Shaft Bearing Retainer Bolt	14 N·m	10 lb ft
Oil Drain and Fill Plugs	30 N·m	22 lb ft
Shift Lever Assembly Nut	37 N·m	27 lb ft
Shift Lever Bolt	20 N·m	15 lb ft
Transmission Bolt/Stud	50 N·m	37 lb ft
Transmission Cover Bolt	9 N·m	80 lb in
Transmission Mount Bolt	50 N·m	37 lb ft
Transmission Mount to Crossmember Nut	40 N·m	30 lb ft
Vehicle Speed Sensor	16 N·m	12 lb ft

Lubrication Specifications

Application	Specification	
	Metric	English
Synchromesh Transmission Fluid GM P/N 12345349 (Canadian P/N 10953465)	2.0 liters	2.2 quarts

Description and Operation



The New Venture Gear NV3500 (85 mm) is a 5 speed manual transmission used on light duty truck with 4.3 L engine. This manual transmission is identified by the RPO's M50 and MG5. The reason for 2 different RPO codes is because of the different first speed gear ratios that the transmission can contain. The shift assembly design inside the transmission for NV3500 installed on C/K trucks are different from that of NV3500 transmissions that are installed in smaller S/T trucks. The 85 mm is the distance between the inputshaft and the counter shaft. The transmission is available in rear wheel and four wheel drive versions. The NV3500 transmission is built in Muncie, Indiana by New Venture Gear, (a division of New Process Gear) for General Motors Powertrain.

The transmission has the following features:

- Constant mesh helical gearing for reduced noise.
- A two piece aluminum housing.
- Synchronized shifting in all forward gears.
- A shift tower mounted shift lever.
- Single rail shift system.

Manual Transmission - NV 4500

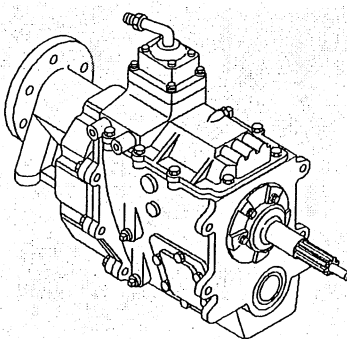
Fastener Tightening Specifications

Application	Specification	
	Metric	English
Backup Lamp Switch	28 N·m	21 lb ft
Clutch Actuator Cylinder Bolt	8 N·m	71 lb in
Clutch Housing Bolt/Stud	50 N·m	37 lb ft
Control Boot Screw	1.6 N·m	14 lb in
Input Shaft Bearing Retainer Bolt	22 N·m	16 lb ft
Main Shaft Nut	441 N·m	325 lb ft
Oil Drain and Fill Plugs	37 N·m	27 lb ft
Shift Lever Assembly Nut	37 N·m	27 lb ft
Shift Lever Bolt	20 N·m	15 lb ft
Transmission Mount Bolt	50 N·m	37 lb ft
Transmission Mount to Crossmember Nut	40 N·m	30 lb ft
Transmission to Clutch Housing Bolt	100 N·m	74 lb ft
Vehicle Speed Sensor (VSS)	16 N·m	12 lb ft

Lubrication Specifications

Recommended Lubricant	Specification	
	Metric	English
Castrol Syntorq LT Transmission Fluid GM P/N 12346190	3.78 liters	4.0 quarts

Description and Operation



The NV 4500 is a 5 speed manual transmission with the fifth speed an overdrive ratio. The 5 forward gears and the reverse gear are fully synchronized. The shifting components are located in the shift cover. The shift cover is not rebuildable.

The 5th speed gear is located on the countershaft in the extension housing. There are 3 types of extension housings depending on the vehicle model.

- C 3500 HD model is cast iron
- C model is aluminum
- K model is aluminum and does not use a rear seal

The main shaft varies between models due to the extension housing configurations.

Manual Transmission - ZF S6-650

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Backup Lamp Switch	20 N·m	15 lb ft
Clutch Actuator Cylinder Bolt	8 N·m	71 lb in
Control Lever Boot Screws	1.6 N·m	14 lb in
Exhaust Pipe Hanger Bracket Bolt	12 N·m	106 lb in
Oil Fill and Drain Plug	35 N·m	26 lb ft
Shift Lever Assembly Nut	37 N·m	27 lb ft
Shift Lever Bolt	23 N·m	17 lb ft
Transmission Bolt/Stud	50 N·m	37 lb ft
Transmission Mount Bolt	50 N·m	37 lb ft
Transmission Mount To Crossmember Nut	54 N·m	40 lb ft
Vehicle Speed Sensor Bolt	10 N·m	89 lb in
Vent Hose Clip Nut	25 N·m	18 lb ft
Yoke Nut	330 N·m	244 lb ft

Lubrication Specifications

Application	Specification	
	Metric	English
Castrol TransSynd™ GM P/N 12378515 (Canadian P/N 88900701)	6.0 liters	6.34 quarts

Description and Operation

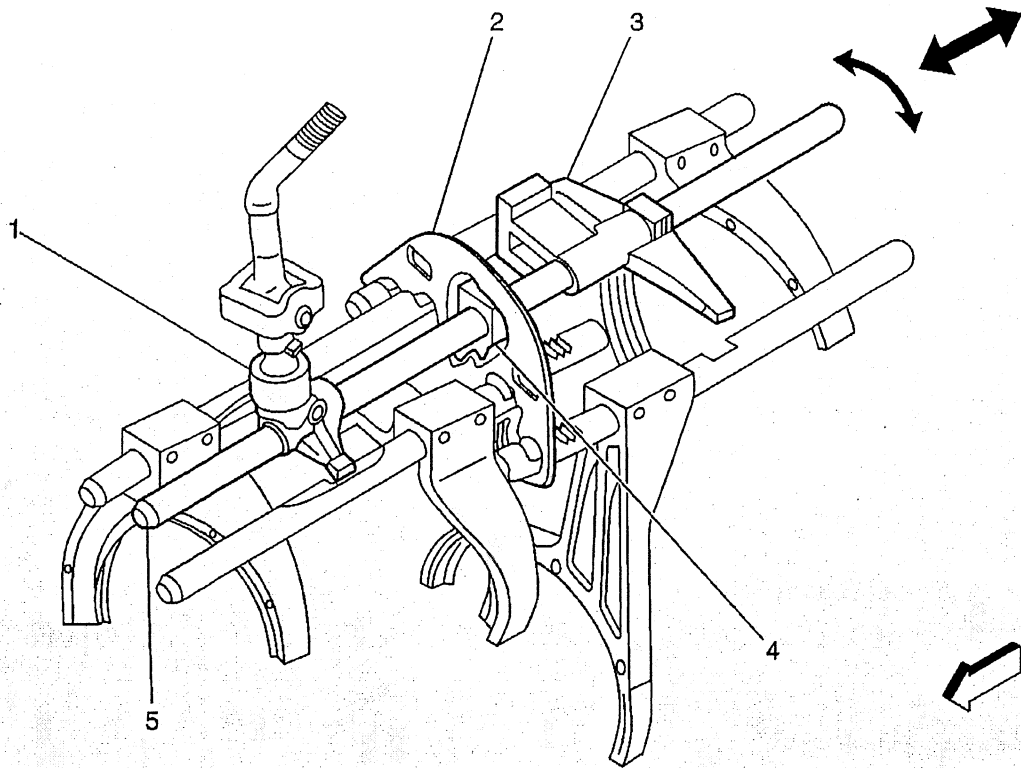
The ZF S6-650 is a six-speed transmission. All of the six forward gears and the reverse gear are fully synchronized. The six-speed gear is an overdrive ratio. The six-speed gear is located on the rear of the countershaft.

The transmission consists of three aluminum cases. The front case includes the bell housing. The main shaft and the countershaft front bearing races are installed in the front case. The bearing races are shimmed to preload the main shaft and countershaft bearings. There is also a main shift shaft bearing in the front case. The shift control lever housing mounts to the front case.

The intermediate case supports the main shaft and the countershaft. The bearing races for the main shaft and the countershaft center bearings are installed in the intermediate case. To support the shift shaft, shift shaft bearings are used in the intermediate case. The shift shaft interlock plate and the shift shaft detents are located with the intermediate case.

The rear case also has bearings for the main shaft and the countershaft. The bearings are not preloaded. The rear case contains the reverse gear idler shaft and gear. The rear case also has a bearing for the main shift shaft. If the vehicle is RWD, an oil seal is used in the rear case. If the vehicle is 4WD, a sealed bearing is used on the rear of the main shaft. The six-speed gear along with the reverse/first speed gears are located in the rear case.

All of the speed gears are supported by a double row needle bearing. The inner bearing races for the needle bearings are replaceable.



The shift lever moving the main shift shaft (5) selects the transmission speeds. By moving the main shift shaft front-to-rear and side-to-side rotation will allow the levers on the front internal shift control lever (1) to engage the notches on the 4th/5th speed gears shift shaft or the 2nd/3rd speed gears shift shaft. Further movement of the main shift shaft front-to-rear and side-to-side rotation, the levers on the rear internal shift control lever (3) will engage in the notches on the reverse/1st speed gears shift shaft or the 6th speed gear shift shaft. The shift shaft block (4) on the main shift shaft, which is teeth to the interlock plate (2), moves the interlock plate to lock in the notches on the non-selected gears shift shaft, thus preventing the non-selected shift shafts from moving.

Clutch

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Clutch Actuator Cylinder Bolt	8 N·m	71 lb in
Clutch Pedal to Brake Module Bolt	50 N·m	37 lb ft
Clutch Pedal to Clutch Pedal Bracket Bolt	36 N·m	27 lb ft
Clutch Pressure Plate Bolt (4.3L Engine)	40 N·m	30 lb ft
Clutch Pressure Plate Bolt (4.8L, 6.0L, 6.6L, and 8.1L Engines)	70 N·m	52 lb ft

Clutch Types

The C/K model vehicle uses two different clutch hydraulic systems and five different clutch variations. The vehicles with the 5 speed transmissions RPO MW3 and MG5 use a different clutch hydraulic system than the vehicles with the 6 speed transmission RPO ML6. For the proper diagnosis, because of the clutch variations, it is important to understand which clutch system is used.

4.3L Clutch

The 4.3L clutch system is described as the following:

- Size - 280 mm (11 in)
- Clutch pressure plate - Diaphragm spring plate, non-self adjusting
- Clutch disc - Damper spring style
- Hydraulic system - 5 speed

4.8L Clutch

The 4.8L clutch system is described as the following:

- Size - 301 mm (11.85 in)
- Clutch pressure plate - Diaphragm spring plate, non-self adjusting
- Clutch disc - Damper spring style
- Hydraulic system - 5 speed

6.0L Clutch

The 6.0L clutch system is described as the following:

- Size - 297 mm (11.70 in)
- Clutch pressure plate - Diaphragm spring plate, self adjusting
- Clutch disc - Damper spring style
- Hydraulic system - 5 speed

8.1L Clutch

The 8.1L clutch system is described as the following:

- Size - 297 mm (11.7 in)
- Clutch pressure plate - Diaphragm spring plate, self adjusting
- Clutch disc - Damper spring style
- Hydraulic system - 6 speed

6.6L Clutch

The 6.6L clutch system is described as the following:

- Size - 302 mm (12 in)
- Clutch pressure plate - Diaphragm spring plate, self adjusting
- Clutch disc - No damper spring style
- Hydraulic system - 6 speed

Principal Components

The following are the principal components of the clutch system:

- The driving members; attached to the engine and turning with the engine.
- The driven member; attached to the engine driveline and transmission and turning with the driveline and transmission.
- The operating members; including the spring, the clutch hydraulic system, and the clutch pedal linkage, required to apply and release the pressure, which hold the driving and driven members in contact with each other.

Clutch Driving Members

The clutch driving members consist of two, flat surfaced, iron plates, machined to a smooth finish. One of these surfaces is the rear face of the engine flywheel and the other is a comparatively heavy flat ring, with one side machined, known as the clutch pressure plate.

Clutch Driven Members

The driven member (friction or clutch disc) consists of a hub and a plate, with facings attached to the plate. The clutch disc has cushion springs and dampening springs. The cushion springs are slightly waved, or curled. The cushion springs are attached to the plate, and the clutch facings are attached to the springs. When the clutch is engaged, the cushion springs compress slightly to take up the shock of engagement. The dampening springs are heavy coil springs set in a circle around the hub. The hub is driven through these springs. They help to smooth out the torsional vibration so that the power flow to the transmission is smooth. There are grooves in both sides of the clutch disc facings. These grooves prevent the facings from sticking to the flywheel face and pressure plate when the clutch is disengaged. The grooves break any vacuum that might form and cause the facings to stick to the flywheel or pressure plate.

Clutch Operating Members

The driving member and the driven member are held in contact by spring pressure. This pressure is exerted by a one-piece conical or diaphragm spring.

A diaphragm spring is a conical piece of spring steel that has been specially stamped to give it greater flexibility. The diaphragm is positioned between the cover and the pressure plate so that the diaphragm spring is nearly flat when the clutch is in the engaged position. The action of this type of spring is similar to that of an ordinary oil can.

The pressure of the inner rim of the spring on the pressure plate decreases as the flat position is passed. The inner rim of the diaphragm bears on the pressure plate and is pivoted on a ring on the outer edge of the pressure plate. The application of a pulling load on the inner section of the pressure plate will cause the inner rim to move away from the flywheel and allow the pressure plate to move away from the clutch disc, thereby releasing or disengaging the clutch. When the pressure is released from the inner section, the OIL CAN action of the diaphragm causes the inner section to move in, and the movement of the inner rim forces the pressure plate against the clutch disc, thus engaging the clutch.

The clutch release bearing is moved by the actuator assembly to move the release levers which move the pressure plate to the rear, thus separating the clutch disc from the flywheel when the clutch pedal is depressed by the driver. A piston return spring in the actuator cylinder preloads the clutch linkage and assures a small load on the release bearing with the actuator assembly at all times. As the clutch disc wears, the diaphragm spring fingers move forward forcing the release bearing, actuator assembly, and pushrod to move. This movement forces the actuator cylinder piston to move forward in its bore, consuming hydraulic fluid from the master cylinder reservoir, thereby providing the SELF-ADJUSTING feature of the hydraulic clutch linkage system.

Hydraulic Clutch Description

Principal Components

The driving member and the driven member are held in contact by spring pressure. This pressure is exerted by a one-piece conical or diaphragm spring.

A diaphragm spring is a conical piece of spring steel that has been specially stamped to give it greater flexibility. The diaphragm is positioned between the cover and the pressure plate so that the diaphragm spring is nearly flat when the clutch is in the engaged position. The action of this type of spring is similar to that of an ordinary oil can.

The pressure of the inner rim of the spring on the pressure plate decreases as the flat position is passed. The inner rim of the diaphragm bears on the pressure plate and is pivoted on a ring on the outer edge of the pressure plate. The application of a pulling load on the inner section of the pressure plate will cause the inner rim to move away from the flywheel and allow the pressure plate to move away from the clutch disc, thereby releasing or disengaging the clutch. When the pressure is released from the inner section, the OIL CAN action of the diaphragm causes the inner section to move in, and the movement of the inner rim forces the pressure plate against the clutch disc, thus engaging the clutch.

The clutch release bearing is moved by the actuator assembly to move the release levers which move the pressure plate to the rear, thus separating the clutch disc from the flywheel when the clutch pedal is depressed by the driver. A piston return spring in the actuator cylinder preloads the clutch linkage and assures a small load on the release bearing with the actuator assembly at all times. As the clutch disc wears, the diaphragm spring fingers move forward forcing the release bearing, actuator assembly, and pushrod to move. This movement forces the actuator cylinder piston to move forward in its bore, consuming hydraulic fluid from the master cylinder reservoir, thereby providing the SELF-ADJUSTING feature of the hydraulic clutch linkage system.

Clutch Driving Members

The clutch driving members consist of two, flat surfaced, iron plates, machined to a smooth finish. One of these surfaces is the rear face of the engine flywheel and the other is a comparatively heavy flat ring, with one side machined, known as the clutch pressure plate.

Clutch Driven Members

The driven member (friction or clutch disc) consists of a hub and a plate, with facings attached to the plate. The clutch disc has cushion springs and dampening springs. The cushion springs are slightly waved, or curled. The cushion springs are attached to the plate, and the clutch facings are attached to the springs. When the clutch is engaged, the cushion springs compress slightly to take up the shock of engagement. The dampening springs are heavy coil springs set in a circle around the hub. The hub is driven through these springs. They help to smooth out the torsional vibration so that the power flow to the transmission is smooth. There are grooves in both sides of the clutch disc facings. These grooves prevent the facings from sticking to the flywheel face and pressure plate when the clutch is disengaged. The grooves break any vacuum that might form and cause the facings to stick to the flywheel or pressure plate.

Clutch Operating Members

The driving member and the driven member are held in contact by spring pressure. This pressure is exerted by a one-piece conical or diaphragm spring.

A diaphragm spring is a conical piece of spring steel that has been specially stamped to give it greater flexibility. The diaphragm is positioned between the cover and the pressure plate so that the diaphragm spring is nearly flat when the clutch is in the engaged position. The action of this type of spring is similar to that of an ordinary oil can.

The pressure of the inner rim of the spring on the pressure plate decreases as the flat position is passed. The inner rim of the diaphragm bears on the pressure plate and is pivoted on a ring on the outer edge of the pressure plate. The application of a pulling load on the inner section of the pressure plate will cause the inner rim to move away from the flywheel and allow the pressure plate to move away from the clutch

disc, thereby releasing or disengaging the clutch. When the pressure is released from the inner section, the OIL CAN action of the diaphragm causes the inner section to move in, and the movement of the inner rim forces the pressure plate against the clutch disc, thus engaging the clutch.

The clutch release bearing is moved by the actuator assembly to move the release levers which move the pressure plate to the rear, thus separating the clutch disc from the flywheel when the clutch pedal is depressed by the driver. A piston return spring in the actuator cylinder preloads the clutch linkage and assures a small load on the release bearing with the actuator assembly at all times. As the clutch disc wears, the diaphragm spring fingers move forward forcing the release bearing, actuator assembly, and pushrod to move. This movement forces the actuator cylinder piston to move forward in its bore, consuming hydraulic fluid from the master cylinder reservoir, thereby providing the SELF-ADJUSTING feature of the hydraulic clutch linkage system.

Hydraulic Clutch Description

The clutch hydraulic system consists of a master cylinder and an actuator cylinder. When pressure is applied to the clutch pedal (pedal depressed), the pushrod contacts the plunger and pushes it down the bore of the master cylinder. In the first 0.8 mm (0.031 in) of movement, the recuperation seal closes the port to the fluid reservoir tank, and as the plunger continues to move down the bore of the cylinder, the fluid is forced through the outlet line to the actuator cylinder. As fluid is pushed down the pipe from the master cylinder, this in turn forces the pistons in the actuator cylinder outward. As the actuator cylinder piston moves forward, it forces the release bearing to disengage the clutch pressure plate from the clutch disc. On the return stroke (pedal released), the plunger moves back as a result of the return pressure of the clutch. Fluid returns to the master cylinder and the final movement of the plunger opens the port to the fluid reservoir, allowing an unrestricted flow of fluid between system and reservoir.

Automatic Transmission – 4L60E**Transmission General Specifications**

Name	Hydra-Matic 4L60-E
RPO Codes	M30/M32/M33/M70
Production Location	Toledo, Ohio Ramos Arizpe, Mexico
Vehicle Platform (Engine/Transmission) Usage	C/K (GMT 800)
Transmission Drive	Longitudinally-Mounted Rear Wheel Drive
1st Gear Ratio	3.059:1
2nd Gear Ratio	1.625:1
3rd Gear Ratio	1.000:1
4th Gear Ratio	0.696:1
Reverse	2.294:1
Torque Converter Size (Diameter of Torque Converter Turbine)	300 mm (101K) 300 mm (114K) 258 mm
Pressure Taps	Line Pressure
Transmission Fluid Type	DEXRON® VI
Transmission Fluid Capacity (Approximate)	300 mm Converter Dry: 11.50 l (12.1 qt) 258 mm Converter Dry: 9.17 l (9.7 qt)
Transmission Type: 4	Four Forward Gears
Transmission Type: L	Longitudinal Mount
Transmission Type: 60/70	Product Series
Transmission Type: E	Electronic Controls
Position Quadrant	P, R, N, , D, 2, 1 P, R, N, , 3, 2, 1
Case Material	Die Cast Aluminum
Transmission Weight Dry (Approximate)	300 mm Converter 86.17 kg (190.5 lb) 258 mm Converter 68.71 kg (151.5 lb)
Transmission Weight Wet (Approximate)	300 mm Converter 98.4 kg (218.0 lb) 258 mm Converter 81.2 kg (179 lb)
Maximum Trailer Towing Capacity	6 130 kg (13,500 lb)
Maximum Gross Vehicle Weight (GVW)	3 900 kg (8,600 lb)

Fastener Tightening Specifications (M30/M32)

Application	Specification	
	Metric	English
Accumulator Cover to Case Bolt	8.0-14.0 N·m	6-10 lb ft
Case Extension to Case Bolt	42.0-48.0 N·m	31-35 lb ft
Case Extension to Case Bolt (4WD Shipping)	11.2-22.6 N·m	8.3-16.7 lb ft
Converter Cover Bolt	10 N·m	89 lb in
Converter Housing to Case Screw	65.0-75.0 N·m	48-55 lb ft
Cooler Pipe Connector	35.0-41.0 N·m	26-30 lb ft
Detent Spring to Valve Body Bolt	20.0-27.0 N·m	15-20 lb ft
Floorshift Control Bolt	10 N·m	89 lb in
Flywheel to Torque Converter Bolt	63 N·m	46 lb ft
Forward Accumulator Cover to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft

Automatic Transmission – 4L60E**Transmission General Specifications**

Name	Hydra-Matic 4L60-E
RPO Codes	M30/M32/M33/M70
Production Location	Toledo, Ohio Ramos Arizpe, Mexico
Vehicle Platform (Engine/Transmission) Usage	C/K (GMT 800)
Transmission Drive	Longitudinally-Mounted Rear Wheel Drive
1st Gear Ratio	3.059:1
2nd Gear Ratio	1.625:1
3rd Gear Ratio	1.000:1
4th Gear Ratio	0.696:1
Reverse	2.294:1
Torque Converter Size (Diameter of Torque Converter Turbine)	300 mm (101K) 300 mm (114K) 258 mm
Pressure Taps	Line Pressure
Transmission Fluid Type	DEXRON® VI
Transmission Fluid Capacity (Approximate)	300 mm Converter Dry: 11.50 l (12.1 qt) 258 mm Converter Dry: 9.17 l (9.7 qt)
Transmission Type: 4	Four Forward Gears
Transmission Type: L	Longitudinal Mount
Transmission Type: 60/70	Product Series
Transmission Type: E	Electronic Controls
Position Quadrant	P, R, N, , D, 2, 1 P, R, N, , 3, 2, 1
Case Material	Die Cast Aluminum
Transmission Weight Dry (Approximate)	300 mm Converter 86.17 kg (190.5 lb) 258 mm Converter 68.71 kg (151.5 lb)
Transmission Weight Wet (Approximate)	300 mm Converter 98.4 kg (218.0 lb) 258 mm Converter 81.2 kg (179 lb)
Maximum Trailer Towing Capacity	6 130 kg (13,500 lb)
Maximum Gross Vehicle Weight (GVW)	3 900 kg (8,600 lb)

Fastener Tightening Specifications (M30/M32)

Application	Specification	
	Metric	English
Accumulator Cover to Case Bolt	8.0-14.0 N·m	6-10 lb ft
Case Extension to Case Bolt	42.0-48.0 N·m	31-35 lb ft
Case Extension to Case Bolt (4WD Shipping)	11.2-22.6 N·m	8.3-16.7 lb ft
Converter Cover Bolt	10 N·m	89 lb in
Converter Housing to Case Screw	65.0-75.0 N·m	48-55 lb ft
Cooler Pipe Connector	35.0-41.0 N·m	26-30 lb ft
Detent Spring to Valve Body Bolt	20.0-27.0 N·m	15-20 lb ft
Floorshift Control Bolt	10 N·m	89 lb in
Flywheel to Torque Converter Bolt	63 N·m	46 lb ft
Forward Accumulator Cover to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft

Application	Specification	
	Metric	English
Plate to Case Bolt (Shipping)	27.0-34.0 N·m	20-25 lb ft
Plate to Converter Bolt (Shipping)	27.0-34.0 N·m	20-25 lb ft
Plug Assembly, Automatic Transmission Oil Pan (C/K)	30-40 N·m	22.1-29.5 lb ft
Plug Assembly, Automatic Transmission Oil Pan (Y)	28-32 N·m	20.7-23.6 lb ft
Pressure Control Solenoid Bracket to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft
Pump Assembly to Case Bolt	26.0-32.0 N·m	19-24 lb ft
Pump Cover to Pump Body Bolt	20.0-27.0 N·m	15-20 lb ft
Secondary Fluid Pump Assembly to Valve Body Bolt	11-14 N·m	8-10 lb ft
Shift Cable Grommet Screw	1.7 N·m	15 lb in
Shift Control Cable Attachment	20 N·m	15 lb ft
Speed Sensor Retainer Bolt	10.5-13.5 N·m	7.7-10 lb ft
Stud, Automatic Transmission Case Extension (Y-car)	18.0-22.0 N·m	13-16 lb ft
TCC Solenoid Assembly to Case Bolt	8.0-14.0 N·m	6-10 lb ft
Transmission Fluid Pressure Manual Valve Position Switch to Valve Body Bolt	8.0-14.0 N·m	6-10 lb ft
Transmission Mount to Transmission Bolt	50 N·m	37 lb ft
Transmission Mount Retaining Nut	40 N·m	30 lb ft
Transmission Oil Cooler Pipe Fitting	35.0-41.0 N·m	26-30 lb ft
Transmission Oil Pan to Case Bolt	9.5-13.8 N·m	7-10 lb ft
Transmission to Engine Bolt	47 N·m	35 lb ft
Valve Body to Case Bolt	8.0-14.0 N·m	6-10 lb ft

Fluid Capacity Specifications

Application	Specification	
	Metric	English
Bottom Pan Removal	4.7 liters	5 quarts
Complete Overhaul	10.6 liters	11 quarts
(measurements are approximate)		

Secondary Fluid Pump Assembly Specifications (M33 Only)

Application	Specification	
	Metric	English
Pump		
• Type	Gerotor - Internal/External Gear	
• Weight	0.589 kg	1.3 lb
• Pump Deliver	2.5 lpm +/-0.1 @ 93.3°C (200°F)	0.5-1.3 gpm +/-0.026 @ 93.3°C (200°F)
• Pressure	110.3-275.7 kPa +/-3.44	16-40 psi +/-0.5
Relief Pressure		
• Minimum	550 kPa	79.7 psi
• Maximum	900 kPa	130.5 psi
Operating Temperature		
• Minimum	21°C	69.8°F
• Maximum	104°C	219.2°F
Motor		
Operating Voltage		
• Maximum	14.5 Volts	
• Minimum	11 Volts	
• Operating Range	14.5-13.5 Volts	

Application	Specification	
	Metric	English
• Maximum Current		10 amp
• Nominal Current Load		4.464 amp
• Terminal/Winding Resistance		0.0-0.937 ohms

Transmission Component and System Description

The 4L60E transmission consists primarily of the following components:

- A torque converter with an electronically controlled capacity clutch (ECCC) This transmission is equipped with an ECCC. The pressure plate does not fully lock to the torque converter cover. Instead, the pressure plate maintains a small amount of slippage, about 20 RPM, in SECOND, THIRD, and FOURTH gears, depending on the vehicle application. ECCC was developed to reduce the possibility of noise, vibration, or chuggle caused by TCC apply. Typical apply speeds are 49-52 km/h (30-32 mph) in THIRD gear and 65-73 km/h (40-45 mph) in FOURTH gear. Full lockup is available at highway speeds on some applications.
- Servo assembly and 2-4 band assembly
- Reverse input clutch and housing
- Overrun clutch
- Forward clutch
- 3-4 clutch
- Forward sprag clutch assembly
- Lo and reverse roller clutch assembly
- Lo and reverse clutch assembly
- Two planetary gear sets: Input and Reaction
- Oil pump assembly
- Control valve body assembly

The electrical components of the 4L60-E are as follows:

- 1-2 and 2-3 shift solenoid valves
- 3-2 shift solenoid valve assembly
- Transmission pressure control (PC) solenoid
- Torque converter clutch (TCC) solenoid valve
- TCC pulse width modulation (PWM) solenoid valve
- Automatic transmission fluid pressure (TFP) manual valve position switch
- Automatic transmission fluid temperature (TFT) sensor
- Vehicle speed sensor assembly

Adapt Function

Transmission Adapt Function

The 4L60-E transmission uses a line pressure control system, which has the ability to continuously adapt the system's line pressure. This compensates for normal wear of the following parts:

- The clutch fiber plates
- The seals
- The springs

The PCM maintains the Upshift Adapt parameters for the transmission. The PCM monitors the AT ISS sensor and the AT OSS during commanded shifts in order to determine if a shift is occurring too fast or too slow. The PCM adjusts the signal from the transmission pressure control solenoid in order to maintain a set shift feel.

Transmission adapts must be reset whenever the transmission is overhauled or replaced.

Automatic Transmission Shift Lock Control Description

The automatic transmission shift lock control is a safety device that prevents an inadvertent shift out of PARK when the ignition is ON. The driver must press the brake pedal before moving the shift lever out of the PARK position. The system consist of the following components:

- The automatic transmission shift lock control solenoid.
- The automatic transmission shift lock control switch.
- The park/neutral position switch.

With the ignition in the ON position battery positive voltage is supplied to the park/neutral position switch. With the transmission in the PARK position the contacts in the park/neutral position switch are closed. This allows current to flow through the switch to the automatic transmission shift lock control switch. The circuit continues through the normally-closed switch to the automatic transmission shift lock control solenoid. The automatic transmsion shift lock control soleniod is permanently grounded. This energizes the automatic transmission shift lock control solenoid, locking the shift linkage in the PARK position. When the driver presses the brake pedal the contacts in the automatic transmission shift lock control switch open, causing the automatic transmission shift lock control solenoid to release. This allows the shift lever to move from the PARK position.

Automatic Transmission – 4L80E**Transmission General Specifications**

Name	Hydra-matic 4L80-E
RPO Codes	MT1
Production Location	Ypsilanti, MI
Vehicle Platform (Engine/Transmission) Usage	C/K, C/K 800, G, P32/42
Transmission Drive	Longitudinally Mounted Rear Wheel Drive
1st Gear Ratio	2.482:1
2nd Gear Ratio	1.482:1
3rd Gear Ratio	1.000:1
4th Gear Ratio	0.750:1
Reverse	2.077:1
Torque Converter Size (Diameter of Torque Converter Turbine)	310 mm
Pressure Taps	Line Pressure
Transmission Fluid Type	DEXRON® III
Transmission Fluid Capacity (Approximate)	Bottom Pan Removal: 7.3L (7.7 qts) Dry: 12.8L (13.5 qts)
Transmission Type: 4	Four Forward Gears
Transmission Type: L	Longitudinal Mount
Transmission Type: 80	Product Series
Transmission Type: E	Electronic Controls
Position Quadrant	P, R, N, Overdrive, D, 2, 1
Case Material	Die Cast Aluminum
Transmission Weight Dry	107 kg (236 lbs)
Transmission Weight Wet	118 kg (260 lbs)
Maximum Trailer Towing Capacity	9,525 kg (21,000 lbs)
Maximum Gross Vehicle Weight (GVW)	7,258 kg (16,000 lbs)

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Accumulator Housing to Valve Body	11 N·m	97 lb in
Case Center Support	44 N·m	32 lb ft
Control Valve Assembly to Case	11 N·m	97 lb in
Cooler Pipe Connector Nut at Case and Radiator	38 N·m	28 lb ft
Engine Rear Mount to Transmission Bolt	44 N·m	32 lb ft
Engine Rear Support Bracket to Frame Nut	44 N·m	32 lb ft
Extension Housing to Case	34 N·m	25 lb ft
Flywheel Housing Cover to Transmission	7 N·m	62 lb in
Flywheel to Converter	44 N·m	32 lb ft
Fourth Clutch	23 N·m	17 lb ft
Manual Shaft to Detent Lever Nut	24 N·m	18 lb ft
Oil Pan Drain Plug	34 N·m	25 lb ft
Oil Pan to Case	24 N·m	18 lb ft
Oil Test Hole Plug	11 N·m	97 lb in
Parking Pawl Bracket to Case	24 N·m	18 lb ft
Pressure Control Solenoid Bracket to Valve Body	8 N·m	71 lb in
Pump Assembly to Case	24 N·m	18 lb ft
Pump Body to Cover	24 N·m	18 lb ft
Rear Servo Cover to Case	24 N·m	18 lb ft
Solenoid to Valve Body	8 N·m	71 lb in

Application	Specification	
	Metric	English
Speed Sensor and Bracket Assembly to Case	11 N·m	97 lb in
Transmission Case to Engine	44 N·m	32 lb ft
Valve Body to Case/Lube Pipe	11 N·m	97 lb in
Valve Body to Case/PSM	11 N·m	97 lb in

Fluid Capacity Specifications Overhaul

Application	Specification	
	Metric	English
Oil Pan Removal	7.3 liters	7.7 quarts
Overhaul	12.8 liters	13.5 quarts

Transmission General Description

The 4L80-E is a fully automatic rear wheel drive electronically controlled transmission. The 4L80-E provides four forward ranges including overdrive and reverse. A gear type of oil pump controls shift points. The VCM/PCM and the pressure control (PC) solenoid (force motor) regulate these shift points. The VCM/PCM also controls shift schedules and TCC apply rates. Transmission temperature also influences shift schedules and TCC apply rates.

You can operate the transmission in any one of the following seven modes:

- P - PARK position prevents the vehicle from rolling either forward or backward on vehicles less than 15,000 G.V.W. For safety reasons, use the parking brake in addition to the park position.
- R - REVERSE allows the vehicle to be operated in a rearward direction.
- N - NEUTRAL allows the engine to be started and operated while driving the vehicle. If necessary, you may select this position in order to restart the engine with the vehicle moving.
- OD - OVERDRIVE is used for all normal driving conditions. Overdrive provides four gear ratios plus a converter clutch operation. Depress the accelerator in order to downshift for safe passing.
- D - DRIVE position is used for city traffic, and hilly terrain. Drive provides three gear ranges. Depress the accelerator in order to downshift.
- 2 - Manual SECOND provides acceleration and engine braking or greater traction from a stop. When you choose manual SECOND, the vehicle will start out in first gear and upshift to second gear. You may select this gear at a vehicle speed of up to 22 km/h (35 mph).
- 1 - Manual LOW provides maximum engine braking. You may select this gear at a vehicle speed of up to 13 km/h (20 mph).

Automatic Transmission - Allison**Transmission General Specifications**

Name	Allison 1000 Series
First Range Ratio	3.10:1
Second Range Ratio	1.81:1
Third Range Ratio	1.41:1
Fourth Range Ratio	1.00:1
Fifth Range Ratio	0.71:1
Reverse Range Ratio	-4.49:1
Transmission Fluid Type	DEXRON® VI
Maximum Gross Combined Weight (GCW)	11 800 kg (26,000 lb)*
Maximum Gross Vehicle Weight (GVW)	9 000 kg (19,850 lb)*
* Or Vehicle Manufacturers Chassis Rating, whichever is less	

Fastener Tightening Specifications

Application	Specification	
	Metric	English
Control Module Cover to Radiator Shroud Bolts	9 N·m	80 lb in
Control Valve Assembly to Main Housing Bolts	12 N·m	108 lb in
Converter Housing to Front Support Assembly Bolts	56 N·m	41 lb ft
Detent Lever Retaining Nut	29 N·m	21 lb ft
Detent Spring Assembly to Main Valve Body Bolts	12 N·m	108 lb in
Filler Tube Bracket to Transmission Nuts	18 N·m	13 lb ft
Fuel Line Bracket to Transmission Nut	18 N·m	13 lb ft
Fuel Line Retainer to Transmission Bolts	2.5 N·m	22 lb in
Heat Shield to Transmission Bolts	17 N·m	13 lb ft
Heat Shield to Transmission Nut	25 N·m	18 lb ft
Hydraulic Connector Assembly	25 N·m	18 lb ft
Input Speed Sensor to Torque Converter Housing Bolt	12 N·m	108 lb in
Main Pressure Tap Plug	12 N·m	108 lb in
Oil Cooler Line Clip to Oil Pan Nut	9 N·m	80 lb in
Oil Cooler to Radiator Brace Bolts	12 N·m	106 lb in
Oil Pan Drain Plug	35 N·m	26 lb ft
Oil Pan to Main Housing Bolts	27 N·m	20 lb ft
Output Speed Sensor to Rear Cover Bolt	12 N·m	108 lb in
PNP Switch to Main Housing Bolts	27 N·m	20 lb ft
Transmission Fluid Pressure Switch to Main Valve Body Bolts	12 N·m	108 lb in
PTO Cover to Main Housing Bolts	43 N·m	32 lb ft
Shift Cable Bracket to Transmission Bolts	25 N·m	18 lb ft
Shift Cable Support to Steering Column Brace Bolt	10 N·m	89 lb in
Shift Lever to Shift Selector Shaft Nut	24 N·m	18 lb ft
Shipping Bracket to Torque Converter Housing Bolts	27 N·m	20 lb ft
Shipping Bracket to Torque Converter Lug Bolts	27 N·m	20 lb ft
Torque Converter to Flywheel Bolts	60 N·m	44 lb ft
Torque Converter Housing Inspection Cover to Transmission Bolts	10 N·m	89 lb in
Transmission Mount to Adapter Bolts (4WD)	47 N·m	35 lb ft
Transmission Mount to Transmission Bolts (2WD)	50 N·m	37 lb ft
Transmission Mount to Transmission Support Nuts	40 N·m	30 lb ft
Transmission Support to Frame Nuts and Bolts	70 N·m	52 lb ft
Transmission to Engine Studs and Bolts	50 N·m	37 lb ft
Turbine Speed Sensor to Main Housing Bolt	12 N·m	108 lb in
Yoke Assembly to Output Shaft Bolt	123 N·m	91 lb ft

Fluid Capacity Specifications

Condition	Liters	Quarts
(approximate)		
Fill After Rebuild	12.0	12.7
Fill After Fluid and Filter Change	7.0	7.4

Description and Operation

Allison 1000 Series Transmissions are torque converter driven, fully automatic, transmission systems. The 1000 Series transmissions have up to five forward speeds, neutral, and reverse. The fifth range has an overdrive gear ratio. The 1000 Series incorporates a variety of standard and optional design features. These design features are:

- Direct mount to engine block
- Flexplate drive
- Torque converter with a torque converter clutch (TCC) and integral vibration damper
- Three constant-mesh, planetary gear sets with helical gears
- Five multiple disk clutches--two rotating and three stationary
- Common hydraulic system for all transmission functions
- Two transmission fluid filtration systems
- Electro-Hydraulic Control Valve Assembly
- Electronically controlled automatic gear selection and clutch apply
- Provision for remote transmission fluid cooler
- Fill tube/dipstick provision on both sides of transmission
- Parking pawl
- Power takeoff (PTO) provision on both sides of transmission
- Variety of available output yokes or flanges

Component and System Description

Engine/Transmission Connection

The converter housings of 1000 Series transmissions mate directly to the engine block. Flexplate drive is used for engine-to-transmission torque transfer.

Torque Converter

Several torque converters are available to match the transmissions to a wide variety of diesel and gasoline engines. The torque converter is a single-stage, polyphase, and three-element unit, consisting of a pump, stator, and turbine. At lower output speeds, the torque converter multiplies torque and provides a fluid coupling to the engine. At higher speeds, the torque converter clutch (TCC) is automatically engaged to provide direct drive from the engine to the transmission. Hydraulic fluid for converter charging pressure comes from the sump and is supplied by the input pump. The torque converter clutch is applied or released by changing direction of fluid in the torque converter. An integral converter damper minimizes the need for additional engine vibration control.

Gear Sets

The planetary gear train includes three constant-mesh planetary gear sets containing helical gears. By the engagement of the clutches in various combinations, the planetary sets act singly or together to provide five forward ranges, neutral, and reverse.

Clutches

Five clutches (two rotating and three stationary) direct the flow of torque through the transmission. All range clutches are hydraulically actuated and spring-released, with automatic wear compensation. The transmission fluid cools the clutches. The transmission control module (TCM) signals solenoid valves to apply and release clutches based on speed and power combinations and the range selected by the operator.

Hydraulic System

A common hydraulic system serves the torque converter and the transmission. Transmission fluid for all hydraulic operations, lubrication, and cooling comes from the sump and is supplied by the charging pump.

Transmission Fluid Filtration

Fluid filtration is provided by two filter systems. A suction filter, located in the sump, provides general protection to the entire hydraulic system by filtering large particulates. A spin-on filter provides full-time protection for the control solenoids and multipass protection for the entire system. The spin-on filter is externally located on the converter housing at the lower left front of the transmission.

Electro-Hydraulic Control Valve Assembly

The control valve assembly consists of two components. The main valve body contains the trim valves, the torque converter clutch (TCC) valve, the exhaust backfill valve, and the control main relief valve. The shift valve body contains the shift valves, the control main pressure valve, and the manual selector valve. The control valve assembly attaches to the bottom of the gearbox module and is enclosed by the oil pan.

Remote Oil Cooler Provision

Ports for remote-mount oil cooler lines are located on the right side of the converter housing near the converter housing/main housing splitline. Remote oil-to-water coolers require plumbing for transmission fluid and engine-cooling water. Remote oil-to-air coolers may also be used and only transmissions fluid lines need to be provided. Heat is transferred from the transmission fluid to either water or air depending upon the cooler type used.

Fill Tube/Dipstick Provision

All 1000 Series models have a fill tube/dipstick provision on both sides of the transmission. The fill tube and dipstick are OEM-installed and adapted as specified by the vehicle manufacturer. A plug is installed in the unused location.

Park Pawl

All 1000 Series transmissions have a PARK pawl. The internal parking pawl is engaged by selection of the PARK position on the shift selector.

PTO Provision

The 1000 Series transmissions have a provision to mount and drive a power takeoff (PTO) unit on the left and/or right side of the transmission housing. The torque converter turbine drives the optional PTO drive gear. The PTO reflects engine and torque converter characteristics. The vehicle manufacturer and/or body builder provides PTO units and associated controls.

Output Yoke/Flange

A variety of output yokes or flanges are available to meet vehicle driveline requirements. Yokes or flanges are OEM-installed and are adapted as specified by the vehicle manufacturer.

Tow/Haul Mode

Tow/Haul mode significantly changes the transmission shift pattern to reduce shift cycling and to deliver better performance, control, and cooling when towing or hauling heavy loads. For instance:

- Upshift points are raised at light to mid throttle position to use more of the available engine power for acceleration. Downshift points are raised to enhance engine braking to help slow the vehicle.
- During deceleration, the torque converter clutch (TCC) remains applied at closed throttle at lower speeds to significantly improve the effect of engine braking.
- During acceleration, the TCC is applied in 2nd range and remains applied in 3rd, 4th, and 5th. This improves the drivetrain efficiency and significantly lowers transmission sump temperature when towing heavy loads. In Normal mode, the TCC generally applies only in higher ranges and is dependent on throttle position.

- Tow/haul is designed to be most effective when the vehicle and trailer combined weight is at least 75 percent of the gross combined weight rating (GCWR) of the vehicle.
- Operation of tow/haul in a lightly loaded or non-loaded vehicle will not cause damage. However, there is no benefit to the selection of tow/haul when the vehicle is unloaded. This situation will cause a firm shift. The tow/haul switch is not a performance switch.
- Selection of tow/haul when unloaded may result in unpleasant engine and transmission driving characteristics and reduced fuel economy. Tow/haul is recommended only when pulling a heavy trailer or a large or heavy load.

Activation

- Tow/Haul is selected or de-selected via a switch on the end of the transmission shift lever. A light on the instrument panel will illuminate to indicate that tow/haul has been selected.
- Tow/Haul must be selected again, every time the vehicle is started, if desired.

Abbreviations and Meanings

Abbreviation	Meaning
A	
A	Ampere(s)
ABS	Antilock Brake System
A/C	Air Conditioning
AC	Alternating Current
ACC	Accessory, Automatic Climate Control
ACL	Air Cleaner
ACR4	Air Conditioning Refrigerant, Recovery, Recycling, Recharging
AD	Automatic Disconnect
A/D	Analog to Digital
ADL	Automatic Door Lock
A/F	Air/Fuel Ratio
AH	Active Handling
AIR	Secondary Air Injection
ALC	Automatic Level Control, Automatic Lamp Control
AM/FM	Amplitude Modulation/Frequency Modulation
Ant	Antenna
AP	Accelerator Pedal
APCM	Accessory Power Control Module
API	American Petroleum Institute
APP	Accelerator Pedal Position
APT	Adjustable Part Throttle
ASM	Assembly, Accelerator and Servo Control Module
ASR	Acceleration Slip Regulation
A/T	Automatic Transmission/Transaxle
ATC	Automatic Transfer Case, Automatic Temperature Control
ATDC	After Top Dead Center
ATSLC	Automatic Transmission Shift Lock Control
Auto	Automatic
avg	Average
A4WD	Automatic Four-Wheel Drive
AWG	American Wire Gage
B	
B+	Battery Positive Voltage
BARO	Barometric Pressure
BATT	Battery
BBV	Brake Booster Vacuum
BCA	Bias Control Assembly
BCM	Body Control Module
BHP	Brake Horsepower
BLK	Black
BLU	Blue
BP	Back Pressure
BPCM	Battery Pack Control Module
BPMV	Brake Pressure Modulator Valve
BPP	Brake Pedal Position
BRN	Brown

BTDC	Before Top Dead Center
BTM	Battery Thermal Module
BTSI	Brake Transmission Shift Interlock
Btu	British Thermal Units
C	
°C	Degrees Celsius
CAC	Charge Air Cooler
CAFE	Corporate Average Fuel Economy
Cal	Calibration
Cam	Camshaft
CARB	California Air Resources Board
CC	Coast Clutch
cm ³	Cubic Centimeters
CCM	Convenience Charge Module, Chassis Control Module
CCOT	Cycling Clutch Orifice Tube
CCP	Climate Control Panel
CD	Compact Disc
CE	Commutator End
CEAB	Cold Engine Air Bleed
CEMF	Counter Electromotive Force
CEX	Cabin Exchanger
cfm	Cubic Feet per Minute
cg	Center of Gravity
CID	Cubic Inch Displacement
CKP	Crankshaft Position
CKT	Circuit
C/Ltr	Cigar Lighter
CL	Closed Loop
CLS	Coolant Level Switch
CMC	Compressor Motor Controller
CMP	Camshaft Position
CNG	Compressed Natural Gas
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
Coax	Coaxial
COMM	Communication
Conn	Connector
CPA	Connector Position Assurance
CPP	Clutch Pedal Position
CPS	Central Power Supply
CPU	Central Processing Unit
CRT	Cathode Ray Tube
CRTC	Cathode Ray Tube Controller
CS	Charging System
CSFI	Central Sequential Fuel Injection
CTP	Closed Throttle Position
cu ft	Cubic Foot/Feet
cu in	Cubic Inch/Inches
CV	Constant Velocity Joint
CVRSS	Continuously Variable Road Sensing Suspension

Cyl	Cylinder(s)
D	
DAB	Delayed Accessory Bus
dB	Decibels
dBA	Decibels on A-weighted Scale
DC	Direct Current, Duty Cycle
DCM	Door Control Module
DE	Drive End
DEC	Digital Electronic Controller
DERM	Diagnostic Energy Reserve Module
DI	Distributor Ignition
dia	Diameter
DIC	Driver Information Center
Diff	Differential
DIM	Dash Integration Module
DK	Dark
DLC	Data Link Connector
DMCM	Drive Motor Control Module
DMM	Digital Multimeter
DMSDS	Drive Motor Speed and Direction Sensor
DMU	Drive Motor Unit
DOHC	Dual Overhead Camshafts
DR, Drvr	Driver
DRL	Daytime Running Lamps
DTC	Diagnostic Trouble Code
E	
EBCM	Electronic Brake Control Module
EBTCM	Electronic Brake and Traction Control Module
EC	Electrical Center, Engine Control
ECC	Electronic Climate Control
ECI	Extended Compressor at Idle
ECL	Engine Coolant Level
ECM	Engine Control Module, Electronic Control Module
ECS	Emission Control System
ECT	Engine Coolant Temperature
EEPROM	Electrically Erasable Programmable Read Only Memory
EEVIR	Evaporator Equalized Values in Receiver
EFE	Early Fuel Evaporation
EGR	Exhaust Gas Recirculation
EGR TVV	Exhaust Gas Recirculation Thermal Vacuum Valve
EHPS	Electro-Hydraulic Power Steering
EI	Electronic Ignition
ELAP	Elapsed
ELC	Electronic Level Control
E/M	English/Metric
EMF	Electromotive Force
EMI	Electromagnetic Interference
Eng	Engine
EOP	Engine Oil Pressure
EOT	Engine Oil Temperature

EPA	Environmental Protection Agency
EPR	Exhaust Pressure Regulator
EPROM	Erasable Programmable Read Only Memory
ESB	Expansion Spring Brake
ESC	Electronic Suspension Control
ESD	Electrostatic Discharge
ESN	Electronic Serial Number
ETC	Electronic Throttle Control, Electronic Temperature Control, Electronic Timing Control
ETCC	Electronic Touch Climate Control
ETR	Electronically Tuned Receiver
ETS	Enhanced Traction System
EVAP	Evaporative Emission
EVO	Electronic Variable Orifice
Exh	Exhaust
F	
°F	Degrees Fahrenheit
FC	Fan Control
FDC	Fuel Data Center
FED	Federal All United States except California
FEDS	Fuel Enable Data Stream
FEX	Front Exchanger
FF	Flexible Fuel
FFH	Fuel-Fired Heater
FI	Fuel Injection
FMVSS	Federal U.S. Motor Vehicle Safety Standards
FP	Fuel Pump
ft	Foot/Feet
FT	Fuel Trim
F4WD	Full Time Four-Wheel Drive
4WAL	Four-Wheel Antilock
4WD	Four-Wheel Drive
FW	Flat Wire
FWD	Front Wheel Drive, Forward
G	
g	Grams, Gravitational Acceleration
GA	Gage, Gauge
gal	Gallon
gas	Gasoline
GCW	Gross Combination Weight
Gen	Generator
GL	Gear Lubricant
GM	General Motors
GM SPO	General Motors Service Parts Operations
gnd	Ground
gpm	Gallons per Minute
GRN	Green
GRY	Gray
GVWR	Gross Vehicle Weight Rating

H	
H	Hydrogen
H ₂ O	Water
Harn	Harness
HC	Hydrocarbons
H/CMPR	High Compression
HD	Heavy Duty
HDC	Heavy Duty Cooling
hex	Hexagon, Hexadecimal
Hg	Mercury
Hi Alt	High Altitude
HO ₂ S	Heated Oxygen Sensor
hp	Horsepower
HPL	High Pressure Liquid
HPS	High Performance System
HPV	High Pressure Vapor
HPVS	Heat Pump Ventilation System
Htd	Heated
HTR	Heater
HUD	Head-up Display
HVAC	Heater-Ventilation-Air Conditioning
HVACM	Heater-Vent-Air Conditioning Module
HVIL	High Voltage Interlock Loop
HVM	Heater Vent Module
Hz	Hertz
I	
IAC	Idle Air Control
IAT	Intake Air Temperature
IC	Integrated Circuit, Ignition Control
ICCS	Integrated Chassis Control System
ICM	Ignition Control Module
ID	Identification, Inside Diameter
IDI	Integrated Direct Ignition
IGBT	Insulated Gate Bi-Polar Transistor
ign	Ignition
ILC	Idle Load Compensator
in	Inch/Inches
INJ	Injection
inst	Instantaneous, Instant
IP	Instrument Panel
IPC	Instrument Panel Cluster
IPM	Instrument Panel Module
I/PEC	Instrument Panel Electrical Center
ISC	Idle Speed Control
ISO	International Standards Organization
ISS	Input Speed Shaft, Input Shaft Speed
K	
KAM	Keep Alive Memory
KDD	Keyboard Display Driver
kg	Kilogram

kHz	Kilohertz
km	Kilometer
km/h	Kilometers per Hour
km/l	Kilometers per Liter
kPa	Kilopascals
KS	Knock Sensor
kV	Kilovolts
L	
L	Liter
L4	Four Cylinder Engine, In-Line
L6	Six-Cylinder Engine, In-Line
lb	Pound
lb ft	Pound Feet Torque
lb in	Pound Inch Torque
LCD	Liquid Crystal Display
LDCL	Left Door Closed Locking
LDCM	Left Door Control Module
LDM	Lamp Driver Module
LED	Light Emitting Diode
LEV	Low Emissions Vehicle
LF	Left Front
lm	Lumens
LR	Left Rear
LT	Left
LT	Light
LT	Long Term
LTPI	Low Tire Pressure Indicator
LTPWS	Low Tire Pressure Warning System
M	
MAF	Mass Air Flow
Man	Manual
MAP	Manifold Absolute Pressure
MAT	Manifold Absolute Temperature
max	Maximum
M/C	Mixture Control
MDP	Manifold Differential Pressure
MFI	Multiport Fuel Injection
mi	Miles
MIL	Malfunction Indicator Lamp
min	Minimum
MIN	Mobile Identification Number
mL	Milliliter
mm	Millimeter
mpg	Miles per Gallon
mph	Miles per Hour
ms	Millisecond
MST	Manifold Surface Temperature
MSVA	Magnetic Steering Variable Assist, Magnasteer®
M/T	Manual Transmission/Transaxle
MV	Megavolt

mV	Millivolt
N	
NAES	North American Export Sales
NC	Normally Closed
NEG	Negative
Neu	Neutral
NI	Neutral Idle
NiMH	Nickel Metal Hydride
NLGI	National Lubricating Grease Institute
N·m	Newton-meter Torque
NO	Normally Open
NOx	Oxides of Nitrogen
NPTC	National Pipe Thread Coarse
NPTF	National Pipe Thread Fine
NOVRAM	Non-Volatile Random Access Memory
O	
O ₂	Oxygen
O ₂ S	Oxygen Sensor
OBD	On-Board Diagnostics
OBD II	On-Board Diagnostics Second Generation
OC	Oxidation Converter Catalytic
OCS	Opportunity Charge Station
OD	Outside Diameter
ODM	Output Drive Module
ODO	Odometer
OE	Original Equipment
OEM	Original Equipment Manufacturer
OHC	Overhead Camshaft
ohms	Ohm
OL	Open Loop, Out of Limits
ORC	Oxidation Reduction Converter Catalytic
ORN	Orange
ORVR	On-Board Refueling Vapor Recovery
OSS	Output Shaft Speed
oz	Ounce(s)
P	
PAG	Polyalkylene Glycol
PAIR	Pulsed Secondary Air Injection
PASS, PSGR	Passenger
PASS-Key®	Personalized Automotive Security System
P/B	Power Brakes
PC	Pressure Control
PCB	Printed Circuit Board
PCM	Powertrain Control Module
PCS	Pressure Control Solenoid
PCV	Positive Crankcase Ventilation
PEB	Power Electronics Bay
PID	Parameter Identification
PIM	Power Inverter Module
PM	Permanent Magnet Generator

P/N	Part Number
PNK	Pink
PNP	Park/Neutral Position
PRNDL	Park, Reverse, Neutral, Drive, Low
POA	Pilot Operated Absolute Valve
POS	Positive, Position
POT	Potentiometer Variable Resistor
PPL	Purple
ppm	Parts per Million
PROM	Programmable Read Only Memory
P/S, PS	Power Steering
PSCM	Power Steering Control Module, Passenger Seat Control Module
PSD	Power Sliding Door
PSP	Power Steering Pressure
psi	Pounds per Square Inch
psia	Pounds per Square Inch Absolute
psig	Pounds per Square Inch Gauge
pt	Pint
PTC	Positive Temperature Coefficient
PWM	Pulse Width Modulated
Q	
QDM	Quad Driver Module
qt	Quart(s)
R	
R-12	Refrigerant-12
R-134a	Refrigerant-134a
RAM	Random Access Memory, Non-permanent memory device, memory contents are lost when power is removed.
RAP	Retained Accessory Power
RAV	Remote Activation Verification
RCDLR	Remote Control Door Lock Receiver
RDCM	Right Door Control Module
Ref	Reference
Rev	Reverse
REX	Rear Exchanger
RIM	Rear Integration Module
RF	Right Front, Radio Frequency
RFA	Remote Function Actuation
RFI	Radio Frequency Interference
RH	Right Hand
RKE	Remote Keyless Entry
Rly	Relay
ROM	Read Only Memory, Permanent memory device, memory contents are retained when power is removed.
RPM	Revolutions per Minute Engine Speed
RPO	Regular Production Option
RR	Right Rear
RSS	Road Sensing Suspension
RTD	Real Time Damping
RT	Right

RTV	Room Temperature Vulcanizing Sealer
RWAL	Rear Wheel Antilock
RWD	Rear Wheel Drive
S	
s	Second(s)
SAE	Society of Automotive Engineers
SC	Supercharger
SCB	Supercharger Bypass
SCM	Seat Control Module
SDM	Sensing and Diagnostic Module
SEO	Special Equipment Option
SFI	Sequential Multiport Fuel Injection
SI	System International Modern Version of Metric System
SIAB	Side Impact Air Bag
SIR	Supplemental Inflatable Restraint
SLA	Short/Long Arm Suspension
sol	Solenoid
SO ₂	Sulfur Dioxide
SP	Splice Pack
S/P	Series/Parallel
SPO	Service Parts Operations
SPS	Service Programming System, Speed Signal
sq ft, ft ²	Square Foot/Feet
sq in, in ²	Square Inch/Inches
SRC	Service Ride Control
SRI	Service Reminder Indicator
SRS	Supplemental Restraint System
SS	Shift Solenoid
ST	Scan Tool
STID	Station Identification Station ID
S4WD	Selectable Four-Wheel Drive
Sw	Switch
SWPS	Steering Wheel Position Sensor
syn	Synchronizer
T	
TAC	Throttle Actuator Control
Tach	Tachometer
TAP	Transmission Adaptive Pressure, Throttle Adaptive Pressure
TBI	Throttle Body Fuel Injection
TC	Turbocharger, Transmission Control
TCC	Torque Converter Clutch
TCS	Traction Control System
TDC	Top Dead Center
TEMP	Temperature
Term	Terminal
TFP	Transmission Fluid Pressure
TFT	Transmission Fluid Temperature
THM	Turbo Hydro-Matic
TIM	Tire Inflation Monitoring, Tire Inflation Module
TOC	Transmission Oil Cooler

TP	Throttle Position
TPA	Terminal Positive Assurance
TPM	Tire Pressure Monitoring, Tire Pressure Monitor
TR	Transmission Range
TRANS	Transmission/Transaxle
TT	Tell Tail Warning Lamp
TV	Throttle Valve
TVRS	Television and Radio Suppression
TVV	Thermal Vacuum Valve
TWC	Three Way Converter Catalytic
TWC+OC	Three Way + Oxidation Converter Catalytic
TXV	Thermal Expansion Valve
U	
UART	Universal Asynchronous Receiver Transmitter
U/H	Underhood
U/HEC	Underhood Electrical Center
U-joint	Universal Joint
UTD	Universal Theft Deterrent
UV	Ultraviolet
V	
V	Volt(s), Voltage
V6	Six-Cylinder Engine, V-Type
V8	Eight-Cylinder Engine, V-Type
Vac	Vacuum
VAC	Vehicle Access Code
VATS	Vehicle Anti-Theft System
VCIM	Vehicle Communication Interface Mode
VCM	Vehicle Control Module
V dif	Voltage Difference
VDOT	Variable Displacement Orifice Tube
VDV	Vacuum Delay Valve
vel	Velocity
VES	Variable Effort Steering
VF	Vacuum Fluorescent
VIO	Violet
VIN	Vehicle Identification Number
VLR	Voltage Loop Reserve
VMV	Vacuum Modulator Valve
VR	Voltage Regulator
V ref	Voltage Reference
VSES	Vehicle Stability Enhancement System
VSS	Vehicle Speed Sensor
W	
w/	With
W/B	Wheel Base
WHL	Wheel
WHT	White
w/o	Without
WOT	Wide Open Throttle
W/P	Water Pump

W/S	Windshield
WSS	Wheel Speed Sensor
WU-OC	Warm Up Oxidation Converter Catalytic
WU-TWC	Warm Up Three-Way Converter Catalytic
X	
X-valve	Expansion Valve
Y	
yd	Yard(s)
YEL	Yellow

This page
intentionally left
blank.

Conversion - English/Metric

English	Multiply/ Divide by	Metric
In order to calculate English measurement, divide by the number in the center column. In order to calculate metric measurement, multiply by the number in the center column.		
Length		
in	25.4	mm
ft	0.3048	m
yd	0.9144	
mi	1.609	km
Area		
sq in	645.2	sq mm
	6.45	sq cm
sq ft	0.0929	sq m
sq yd	0.8361	
Volume		
cu in	16,387.00	cu mm
	16.387	cu cm
	0.0164	L
qt	0.9464	
gal	3.7854	
cu yd	0.764	cu m
Mass		
lb	0.4536	kg
ton	907.18	
	0.907	tonne (t)
Force		
Kg F	9.807	newtons (N)
oz F	0.278	
lb F	4.448	
Acceleration		
ft/s ²	0.3048	m/s ²
ln/s ²	0.0254	
Torque		
Lb in	0.11298	N·m
lb ft	1.3558	
Power		
hp	0.745	kW
Pressure (Stress)		
inches of H2O	0.2488	kPa
lb/sq in	6.895	
Energy (Work)		
Btu	1055	J (J= one Ws)
lb ft	1.3558	
kW hour	3,600,000.00	
Light		
Foot Candle	10.764	lm/m ²

Velocity		
mph	1.6093	km/h
Temperature		
(°F - 32) 5/9	=	°C
°F	=	(9/5 °C + 32)
Fuel Performance		
235.215/mpg	=	100 km/L

Equivalents - Decimal and Metric

Fraction (in)	Decimal (in)	Metric (mm)
1/64	0.015625	0.39688
1/32	0.03125	0.79375
3/64	0.046875	1.19062
1/16	0.0625	1.5875
5/64	0.078125	1.98437
3/32	0.09375	2.38125
7/64	0.109375	2.77812
1/8	0.125	3.175
9/64	0.140625	3.57187
5/32	0.15625	3.96875
11/64	0.171875	4.36562
3/16	0.1875	4.7625
13/64	0.203125	5.15937
7/32	0.21875	5.55625
15/64	0.234375	5.95312
1/4	0.25	6.35
17/64	0.265625	6.74687
9/32	0.28125	7.14375
19/64	0.296875	7.54062
5/16	0.3125	7.9375
21/64	0.328125	8.33437
11/32	0.34375	8.73125
23/64	0.359375	9.12812
3/8	0.375	9.525
25/64	0.390625	9.92187
13/32	0.40625	10.31875
27/64	0.421875	10.71562
7/16	0.4375	11.1125
29/64	0.453125	11.50937
15/32	0.46875	11.90625
31/64	0.484375	12.30312
1/2	0.5	12.7
33/64	0.515625	13.09687
17/32	0.53125	13.49375
35/64	0.546875	13.89062
9/16	0.5625	14.2875
37/64	0.578125	14.68437
19/32	0.59375	15.08125
39/64	0.609375	15.47812
5/8	0.625	15.875
41/64	0.640625	16.27187

Fraction (in)	Decimal (in)	Metric (mm)
21/32	0.65625	16.66875
43/64	0.671875	17.06562
11/16	0.6875	17.4625
45/64	0.703125	17.85937
23/32	0.71875	18.25625
47/64	0.734375	18.65312
3/4	0.75	19.05
49/64	0.765625	19.44687
25/32	0.78125	19.84375
51/64	0.796875	20.24062
13/16	0.8125	20.6375
53/64	0.828125	21.03437
27/32	0.84375	21.43125
55/64	0.859375	21.82812
7/8	0.875	22.225
57/64	0.890625	22.62187
29/32	0.90625	23.01875
59/64	0.921875	23.41562
15/16	0.9375	23.8125
61/64	0.953125	24.20937
31/32	0.96875	24.60625
63/64	0.984375	25.00312
1	1.0	25.4

This page
intentionally left
blank.

Fasteners

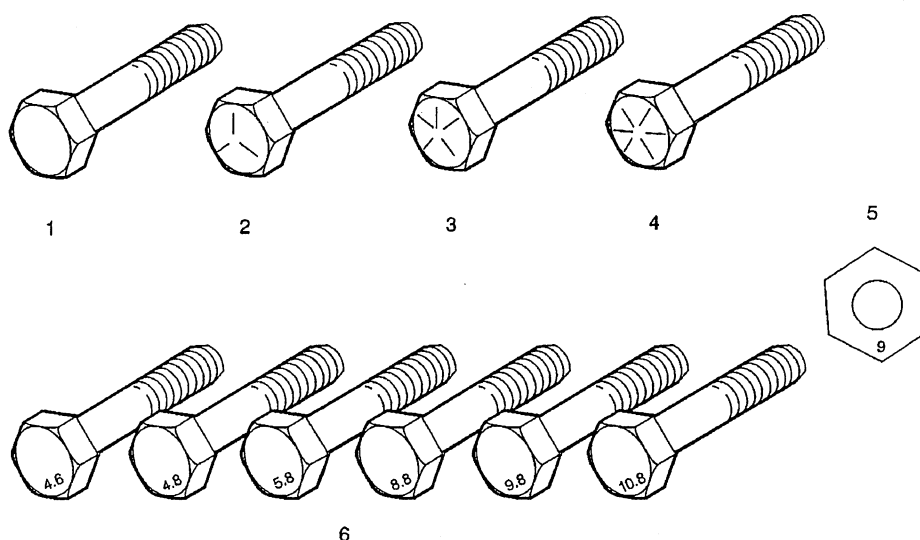
Metric Fasteners

This vehicle provides fastener dimensions using the metric system. Most metric fasteners are approximate in diameter to equivalent English fasteners. Make replacements using fasteners of the same nominal diameter, thread pitch, and strength.

A number marking identifies the OE metric fasteners except cross-recess head screws. The number also indicates the strength of the fastener material. A Posidrive® or Type 1A cross-recess identifies a metric cross-recess screw. For best results, use a Type 1A cross-recess screwdriver, or equivalent, in Posidrive® recess head screws.

GM Engineering Standards and North American Industries have adopted a portion of the ISO-defined standard metric fastener sizes. The purpose was to reduce the number of fastener sizes used while retaining the best thread qualities in each thread size. For example, the metric M6.0 X 1 screw, with nearly the same diameter and 25.4 threads per inch replaced the English 1/4-20 and 1/4-28 screws. The thread pitch is midway between the English coarse and fine thread pitches.

Fastener Strength Identification



1. English Bolt, Grade 2 (Strength Class)
2. English Bolt, Grade 5 (Strength Class)
3. English Bolt, Grade 7 (Strength Class)
4. English Bolt, Grade 8 (Strength Class)
5. Metric Nut, Strength Class 9
6. Metric Bolts, Strength Class Increases as Numbers Increase

The most commonly used metric fastener strength property classes are 9.8 and 10.9. The class identification is embossed on the head of each bolt. The English, inch strength classes range from grade 2 to grade 8. Radial lines are embossed on the head of each bolt in order to identify the strength class. The number of lines on the head of the bolt is 2 lines less than the actual grade. For example, a grade 8 bolt will have 6 radial lines on the bolt head. Some metric nuts are marked with a single digit strength identification number on the nut face.

The correct fasteners are available through GM SPO. Many metric fasteners available in the aftermarket parts channels are designed to metric standards of countries other than the United States, and may exhibit the following:

- Lower strength
- No numbered head marking system
- Wrong thread pitch

The metric fasteners on GM products are designed to new, international standards. The following are the common sizes and pitches, except for special applications:

- M6.0 X 1
- M8 X 1.25
- M10 X 1.5
- M12 X 1.75
- M14 X 2.00
- M16 X 2.00

Prevailing Torque Fasteners

Prevailing torque fasteners create a thread interface between the fastener and the fastener counterpart in order to prevent the fastener from loosening.

All Metal Prevailing Torque Fasteners

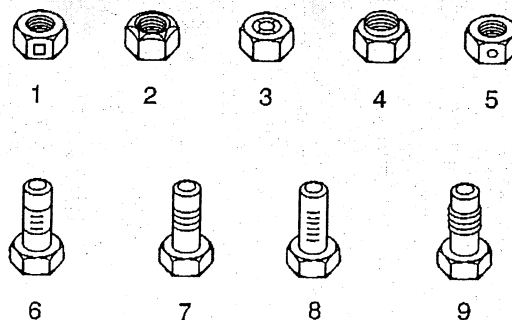
These fasteners accomplish the thread interface by a designed distortion or deformation in the fastener.

Nylon Interface Prevailing Torque Fasteners

These fasteners accomplish the thread interface by the presence of a nylon material on the fastener threads.

Adhesive Coated Fasteners

These fasteners accomplish the thread interface by the presence of a thread-locking compound on the fastener threads. Refer to the appropriate repair procedure in order to determine if the fastener may be reused and the applicable thread-locking compound to apply to the fastener.



1. Prevailing Torque Nut, Center Lock Type
2. Prevailing Torque Nut, Top Lock Type
3. Prevailing Torque Nut, Nylon Patch Type
4. Prevailing Torque Nut, Nylon Washer Insert Type
5. Prevailing Torque Nut, Nylon Insert Type

6. Prevailing Torque Bolt, Dry Adhesive Coating Type
7. Prevailing Torque Bolt, Thread Profile Deformed Type
8. Prevailing Torque Bolt, Nylon Strip Type
9. Prevailing Torque Bolt, Out-of-Round Thread Area Type

A prevailing torque fastener may be reused **ONLY** if:

- The fastener and the fastener counterpart are clean and not damaged
- There is no rust on the fastener
- The fastener develops the specified minimum torque against its counterpart prior to the fastener seating

Metric Prevailing Torque Fastener Minimum Torque Development

Application	Specification	
	Metric	English
All Metal Prevailing Torque Fasteners		
6 mm	0.4 N·m	4 lb in
8 mm	0.8 N·m	7 lb in
10 mm	1.4 N·m	12 lb in
12 mm	2.1 N·m	19 lb in
14 mm	3 N·m	27 lb in
16 mm	4.2 N·m	37 lb in
20 mm	7 N·m	62 lb in
24 mm	10.5 N·m	93 lb in
Nylon Interface Prevailing Torque Fasteners		
6 mm	0.3 N·m	3 lb in
8 mm	0.6 N·m	5 lb in
10 mm	1.1 N·m	10 lb in
12 mm	1.5 N·m	13 lb in
14 mm	2.3 N·m	20 lb in
16 mm	3.4 N·m	30 lb in
20 mm	5.5 N·m	49 lb in
24 mm	8.5 N·m	75 lb in

English Prevailing Torque Fastener Minimum Torque Development

Application	Specification	
	Metric	English
All Metal Prevailing Torque Fasteners		
1/4 in	0.5 N·m	4.5 lb in
5/16 in	0.8 N·m	7.5 lb in
3/8 in	1.3 N·m	11.5 lb in
7/16 in	1.8 N·m	16 lb in
1/2 in	2.3 N·m	20 lb in
9/16 in	3.2 N·m	28 lb in
5/8 in	4 N·m	36 lb in
3/4 in	7 N·m	54 lb in
Nylon Interface Prevailing Torque Fasteners		
1/4 in	0.3 N·m	3 lb in
5/16 in	0.6 N·m	5 lb in
3/8 in	1 N·m	9 lb in
7/16 in	1.3 N·m	12 lb in
1/2 in	1.8 N·m	16 lb in
9/16 in	2.5 N·m	22 lb in
5/8 in	3.4 N·m	30 lb in
3/4 in	5 N·m	45 lb in

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Free RPO Code	Std. RPO Code	Description	Reg. and Ext. Cab		Crew Cab	Reg. Ext. Cab and Crew Cab	
			Work Truck 1500*	LT		LT	LTZ
		1 - Equipment Group 1WT and 1LS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2 - Equipment Group 2LS available on C15153 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 4LT available on all models. 5 - Equipment Group 5LT available on C15153, C15153, and C15153 Models.					
		Air bags, frontal, driver and right front passenger, includes Passenger Sensing System 1 - Always use safety belts and proper child restraints, even with air bags. Children are safer when properly seated in a child seat. See the Owner's Manual for more safety information.					
		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger					
		Assist handle, front passenger *Also includes outboard rear assist handle on Extended and Crew Cab Models.					
		Cigarette lighter, on instrument panel					
		Coat hook, driver side					
		Coat hook, passenger side coat hook on Extended and Crew Cab Models.					
		Console, overhead mini, includes map lights 1 - Not available with (CFS) Sunroof, power.					
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster					
		Cupholders, front 1 - Also includes rear cupholders on Extended and Crew Cab Models.					
AU3		Door locks, power 1 - Available with Fleet and Government order types only.					
		Driver Information Center, monitors numerous systems depending on vehicle equipment					
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with C15153 Models. Not available with (922) Medium Gray Leather Interior trim.					
B30		Floor covering, color-keyed carpeting and rubberized vinyl floors 1 - Available with Fleet and Government order types only. May be substituted with (B30) Floor covering, rubberized vinyl on Regular and Extended Cab Models.					

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Free RPO Code	Std. RPO Code	Description	Reg. and Ext. Cab		Crew Cab	Reg. Ext. Cab and Crew Cab	Ext. and Crew Cab
			Work Truck 1500*	LT			LTZ
		1 - Equipment Group 1WT and 1LS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2 - Equipment Group 2LS available on C15153 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 4LT available on all models. 5 - Equipment Group 5LT available on C15153, C15153, and C15153 Models.					
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer					
		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm					
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry					
		Mirror, inside rearview, manual day/night					
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt					
		**V Seat trim, vinyl					
		**D Seat trim, Custom Cloth					
AET		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints					
		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended and Crew Cab Models 1 - Requires (**D) Seat trim, Custom Cloth.					
		Seats, rear bench, full width, folding, 3-passenger (includes child seat top tether anchor) 1 - Requires Extended or Crew Cab Models.					
		Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock					
		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS) 1 - Upgradeable to (UB1) Sound system, ETR AM/FM stereo with CD and cassette player when (FDJ) Extended and Crew Cab South-West LT Package is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2 - Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, ETR AM/FM stereo with CD and cassette player when (FDJ) Extended and Crew Cab South-West LT Package is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.					
UB0		Sound system feature, 4-speakers Sound system feature, audio speakers					
		UB05					
		UB03					

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Free Flow Only RPO Code	Rel. Only RPO Code	Description	Reg and Est. Chs	Over-Cab	Reg. Est. and Chs	Est and Over Chs
			1 st 2 nd 3 rd	4 th 5 th 6 th	7 th 8 th 9 th	10 th 11 th 12 th
		1. Equipment Groups 1WT and 1LS available on CCI5703, CK1503, CCI5753, CK15253, CK15353 and CK15553				
		2. Equipment Group 3LS not available on CCI544 Models. Not available for ordering until September 1, 2005.				
		3. Equipment Groups 1LT available on all models.				
		4. Equipment Groups 3LT and 3LT available on CCI5753, CK15553, and CCI5543 Models.				
		Steering column, tilt-wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	S	-
		Theft-deterrent system, PAS/Block II	S	S	S	S
		Tools, mechanical pack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S
	A31	Windows, power, includes driver and passenger express-down	-	S	■	■
		Air dam, Gray	S	S	S	S
	VG3	Bumper, front, chrome, with Gray lower	S	S	S	S
	V43	Bumper, rear, painted step, includes pad	S	-	-	-
		Bumper, rear, chrome step, includes pad	A	■	S	■
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S
		Glass, Solar-Ray/light tinted, all windows	S	S	-	-
		Grille, Gray surround, with chrome accent bar	S	S	-	-
	TR3	Grille, color-keyed surround	-	-	S	■
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S
		Lamps, dual cargo area lamps	S	S	S	S
	DE2	Mirrors, outside rearview, foldaway, manual, Black, adjustable	S	S	-	-
	DL8	Mirrors, outside rearview, manual folding, power, heated, Black	-	-	S	□ ¹
		1. LT, applicable to DL3 Mirrors, outside rearview, power folding, heated or (DBN) Mirrors, vertical camper, outside rearview.				
B55		Moldings, body/side	-	A ¹	S ²	■ ²
		1. Moldings are Black.				
		2. Moldings are body-colored with chrome insert, see Color and Trim chart for compatibility.				
ZY1		Paint, solid	S	S	S	S

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Flow RPO Code	Rel. RPO Code	Description	Reg. and Ext. Cab	Core Cab	Reg. Ext. and Core Cab	Ext. and Core Cab
		1 - Equipment Groups 1VT and 31S available on C61593, C61593, C61593, C61593, C61593 and C61593				
		2 - Equipment Group 31S available on C6154 Models. Not available for ordering until September 1st, 2005.	REG 31S	LS	LS	LS
		3 - Equipment Groups 31T available on all models.		LS	LS	LS
		4 - Equipment Groups 21.1 and 21.2 available on C61593, C61593, and C6154 Models.				
	E63	Pickup bed, Fleetside box	S	S	S	S
	V76	Recovery hooks, front, frame-mounted	S	S	S	S
		Tire carrier, outside spare, winch-type mounted under frame at rear	S	S	S	S
		Tire, spare, full-size, 17" (43.2 cm) with steel wheel, located at rear underbody of ventile	S	S	S	S
	QPR	NEW! Tires, P24570R17 all-season, blackwall	S ¹	S ¹	S ¹	S ¹
		1 - Requires 2WD Models.				
	QVL	NEW! Tires, P26570R17 all-season, blackwall	S ¹	S ¹	S ¹	S ¹
		1 - Requires 4WD Regular and Extended Cab Models.				
		2 - Requires 4WD Extended Cab Models.				
	CUP	Tires, P26570R17 on/off-road, blackwall	-	-	S ¹	S ¹
		1 - Requires 4WD Models.				
		2 - Requires 4WD models. With C61593 and C61593 models require (Z71) Suspension Package, Off-Road, With C61593 requires (Z71) Suspension Package or available with 2WD models. (Z71) Suspension Package or Performance Pack Not available with (Z62) Silverado Limited Edition or (Z64) Silverado Performance Edition.				
		Wheels, 4 - 17" x 7" (43.2 cm x 17.8 cm) 8-lug steel, painted, includes painted center caps and steel spare	S	-	-	-
	PY9	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 8-lug chrome-styled steel, includes chrome center caps and steel spare	-	■	S	□ ¹ □ ¹
		1 - Inpaintable to (P25) Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 8-lug polished cast aluminum.				
		Wipers, intermittent, front, w/cam with pulse washers	S	S	S	S
	KG3	Alternator, 145 amps	S	S	S	S
		Battery, heavy-duty, 600 cold-cranking amps, includes rundown protection and related accessory power	S	S	S	S
		Brakes, 4-wheel antilock, front hydraulic disc and rear drum	S	S	S	S
	LR4	Engine, Vortec 4800 V6 SFI (285 HP (212.3 kW) @ 5200 rpm, 295 lb.-ft. (398.2 N-m) @ 4000 rpm)	A ¹	A ¹	■ ¹	-
		1 - Standard on C61593 Models only.				
		2 - X-35 required on C61593 Models. Not available with C61554 or C61553 Models.				
		Exhaust, aluminum stainless-steel muffler and tailpipe	S	S	S	S
		Frame, ladder-type, hydroformed	S	S	S	S

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1WT and 1LS available on CCI1573, CCI1573, CK1573, CC15953 and CK15953 Models. 2. Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st, 2005. 3. Equipment Groups 1LT available on all models. 4. Equipment Groups 2LT and 3LT available on CCI1573, CK1573, and C15543 Models.	1WT ¹	1LS ¹ 2LS ¹	1LT ¹ 1LT ¹ 2LT ¹	1LT ¹ 2LT ¹ 3LT ¹
	C5M	GVWR, 6100 lbs. (2767 kg) 1. Requires CK15703 Models.	S ¹	S ¹	S ¹	-
	Q4B	GVWR, 6200 lbs. (2812 kg) 1. Requires CCI15533 Models or CCI15753 Models and (NHT) VortecMax Performance Pack.	-	-	S ¹	S ¹
	CTH	GVWR, 6400 lbs. (2903 kg) 1. Requires CCI15953, CK15703, or CK15553 Models or CK15753 Models and (NHT) VortecMax Performance Pack.	S ¹	S ¹	S ¹	S ¹
	CPK	GVWR, 6500 lbs. (2948 kg) 1. Requires CCI15753 Models.	S ¹	S ¹	S ¹	S ¹
	C3J	GVWR, 6700 lbs. (3039 kg) 1. Requires CCI15953 Models or CK15753 Models.	S ¹	S ¹	S ¹	S ¹
	C5H	GVWR, 6900 lbs. (3130 kg) 1. Requires CCI15543 or CK15953 Models. 2. Requires CCI15543 Models.	S ¹	S ²	S ¹	S ¹
	C5W	GVWR, 7000 lbs. (3175 kg) 1. Requires CK15543 Models.	-	S ¹	S ¹	S ¹
		Steering, power	S	S	S	S
		Suspension, front, independent front coil springs, coil springs, 4WD Models include torsion bars.	S ¹	S ¹	S ¹	S ¹
		Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	S	S ¹	S ¹
		1. Standard on Regular and Extended Cab Models only.	-	-	S ¹	S ¹
		Suspension, rear, 3-stage springs	-	S	S ¹	S ¹
		1. Standard on Crew Cab Models only.	-	-	-	-
283		Suspension Package, Solid Smooth Ride, includes 35mm piston twin tube shocks 1. Not available with (PDU) Light Duty Power Package. 2. Requires C15703, C15753 or C15953 Models.	S ¹	S ¹	S ²	-
285		Suspension Package, Handling/Trailing, includes 36mm piston monotube shocks 1. Standard on C15553 and C15543 Models.	A	A	A ¹	■ ¹
	NP2	Transfer case, floor-mounted shifter 1. Standard with 4WD Regular and Extended Cab Models only. 2. Requires 4WD Models.	S ¹	S ²	S ¹	-
	MG5	Transmission, 5-speed manual with overdrive 1. Requires Regular Cab Models and (LU3) Engine, Vortec 4300 V6 MPI or (LU4) Engine, Vortec 4800 V8 SFI.	S ¹	S ¹	-	-

2006 Chevrolet Truck Silverado 1500 STANDARD EQUIPMENT

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1WT and 1LS available on CCI1573, CCI1573, CK1573, CC15953 and CK15953 Models. 2. Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st, 2005. 3. Equipment Groups 1LT available on all models. 4. Equipment Groups 2LT and 3LT available on CCI1573, CK1573, and C15543 Models.	1WT ¹	1LS ¹ 2LS ¹	1LT ¹ 1LT ¹ 2LT ¹	1LT ¹ 2LT ¹ 3LT ¹
M30		Transmission, 4-speed automatic, electronically controlled with overdrive and tow/haul mode 1. Standard on Extended Cab Models only.	A ¹	S	S	S

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, II indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups IWT and ILS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2. Equipment Group 2LS available on C15153 Models. 3. Equipment for ordering until September 1st, 2005. 4. Equipment Groups ILS and ILS available on all models. 5. Equipment Groups ILS and ILS available on C15153, C15153 and C15153 Models.	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger. 2. Not available with Regular Models or (VTV) snow cap models.	-	-	A ¹	■
		1. Console, floor. Includes storage compartment and dual cupholders.	-	-	-	■
		1. Console, overhead mini. Includes map lights.	-	-	-	■
		1. Not available with (CF5) Sunroof, power.	-	-	■	■
		Cruise control, electronic with set and resume speed.	A	■	S	■
		Includes telltale in instrument panel cluster.	A	■	S	■
		Defogger, rear window, electric.	A ¹	■	A ²	■
		1. Not available with (A28) Window, rear sliding or (C42) Government order types only. 2. Not available with (A28) Window, rear sliding.	-	-	■	■
		Door locks, power.	A ¹	A	S	■
		Door available with Fleet and Government order types only.	A ¹	A	S	■
		Floor covering, color-keyed carpeting and rubberized vinyl floor mats.	A ¹	A	S	■
		1. Available with Fleet and Government order types only. 2. May be substituted with (B69) Floor covering, rubberized vinyl on Regular and Extended Cab Models.	-	-	S	■
		Keyless entry, remote. Includes 2 transmitters, panic button and content theft alarm.	-	-	S	■
		Mirror, inside rearview, electrochromic (light-sensitive auto dimming). 8-point compass and outside temperature indicator.	-	-	-	■
		Seat trim, Custom Cloth.	A	■	S	■
		Seat trim, leather.	-	-	-	■
		1. Not available on Regular Cab Models. Extended Cab includes front leather seating surfaces with rear vinyl appointed seating surfaces.	-	-	-	■

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups IWT and ILS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2. Equipment Group 2LS available on C15153 Models. 3. Equipment for ordering until September 1st, 2005. 4. Equipment Groups ILS and ILS available on all models. 5. Equipment Groups ILS and ILS available on C15153, C15153 and C15153 Models.	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended and Crew Cab Models. 2. Requires (V2) Seat trim, Custom Cloth.	-	-	S	-
		1. Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets.	-	-	-	■
		1. Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back 2-position driver-side memory and storage pockets.	-	-	-	■
		1. Included with (V2) Seat trim, leather seating surfaces on Extended or Crew Cab Models. 2. With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	A ¹	■
		Seat adjuster, power, driver 6-way.	-	-	-	■
		1. Included with (V2) Seat trim, leather seating surfaces on Extended or Crew Cab Models. 2. With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	-	■
		Seat adjuster, power, front passenger 10-way.	-	-	-	■
		1. Included and only available with (AN3) Seats, front power reclining full-feature buckets.	-	-	-	■

		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS).	A	■	S	□	□	-
		1. Upgradeable to (UB1) Sound system, ETR AM/FM stereo with CD and cassette player when (PDJ) is ordered. Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2. Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, (PDJ) Extended and Crew Cab Southwestern LT Package is ordered. Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.	-	-	-	-	-	■
		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose subwoofer).	-	-	-	-	A	■

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. and Ext. Cab	Ext. and Crew Cab
		1 - Equipment Group 1LT and 1LS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2 - Equipment Group 2LS available on C15153 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 3LT and 3LT available on C15153, C15153, and C15153 Models.	Work Truck 1007	LS 11.3	LS 11.3	LS 11.3
	UQ3	Sound system feature, audio speakers	-	S	-	-
	UQ7	Sound system feature, Bose Premium speaker system	-	-	-	-
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	-	-	A	A
	UK6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media 1 - Requires Crew Cab Models.	-	-	-	-
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	-	-
	A31	Windows, power, includes driver and passenger express-down	-	S	-	-
V63		Bumper, rear, chrome step, includes pad	A	S	S	S
T96		Fog lamps, front, halogen	-	-	-	-
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1 - With Extended Cab Models, includes rear window and rear quarter windows. - With Crew Cab Models or (C49) Defogger, rear window, electric, includes light-tinted rear window.	A ¹	A ¹	A ¹	A ¹
TR3		Grille, color-keyed surround	-	-	S	-
DL8		Mirrors, outside rearview, manual folding, power, heated, Black 1 - Upgradeable to (DL3) Mirrors, outside rearview, power folding, power heated or (DPN) Mirrors, vertical camper, outside rearview.	-	-	S	-
DL3		Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1 - Curb-tilt feature requires (UK3) Sound system feature, steering wheel mounted radio controls. 2 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview. - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	-	-	-	A ¹
B65		Moldings, body-side 1 - Moldings are Black. 2 - Moldings are body-colored with chrome insert, see Color and Trim chart for compatibility.	-	A ¹	S ²	-

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. and Ext. Cab	Ext. and Crew Cab
		1 - Equipment Group 1LT and 1LS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2 - Equipment Group 2LS available on C15153 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 3LT and 3LT available on C15153, C15153, and C15153 Models.	Work Truck 1007	LS 11.3	LS 11.3	LS 11.3
	PV9	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-styled steel, includes chrome center caps and steel spare 1 - Upgradeable to (P25) Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum.	-	S	-	-
P25		Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum, includes steel spare	-	-	-	-
LR4		Engine, Vortec 4800 V8 SFI [212.3 kW] @ 5200 rpm, 295 lb.-ft. [398.2 N-m] @ 4000 rpm 1 - Standard on C15153 Models. Not available with C15153 or C15153 Models. 2 - Not standard on C15153 Models. Not available with C15153 or C15153 Models.	A ¹	S	A ¹	-
LM7		Engine, Vortec 5300 V8 SFI [295 HP [219.7 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm 1 - Standard with C15153 Models and included with (PDU) Light Duty Power Package. - Not available on C15153 Models. 2 - Standard with C15153, C15153 and C15153 Models. Not available on C15153 Models. 3 - Standard on C15153, C15153, C15153 and C15153 Models only. - Not available with C15153 Models. 4 - Standard with C15153, C15153 and C15153 Models only. - Not available on C15153 Models.	A ¹	-	A ¹	-
L33		NEW! Engine, Vortec 5300 V8 SFI, aluminum block with steel cylinder sleeves (310 HP [231.4 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Requires C15153 Models and included with (PDU) Light Duty Power Package.	A ¹	-	A ¹	-
Z85		Suspension Package, Handling/Trailer, includes 36mm piston monoshock shocks 1 - Standard on C15153 and C15153 Models.	A	A	A	-
NP8		Transfer case, electronic Autotrac, includes push-button controls 1 - Standard on 4WD Models. - Standard on 4WD Crew Cab Models only.	-	-	-	-

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

■ = included in Equipment Group □ = Included in Equipment Group but upgradeable

Additional options may be added; check ordering information section for compatibility

All-wheel drive Models.

Free Flow RPO Code		Ref. Only RPO Code	Description	Reg. and BUL Cab	Chem. Cab	Reg. Cab	Reg. Cab	Ext. and Chem. Cab
Code	Code	Code						
			1. Equipment Groups IWT and LLS available on CC1573, CC1570, CC1573, CC1573, CC1585 and CC1585 Models. 2. Equipment Group 2LS available on CC1543 Model. Not available for ordering until September 15th, 2005. 3. Equipment Groups 1LT available on all models. CC1575 and CC1585 Models. 4. Equipment Groups 1LT and 2LT available on CC1575, CC1575, and CC1585 Models.	Reg. and BUL Cab	Chem. Cab	Reg. Cab	Reg. Cab	Ext. and Chem. Cab
C12			Air conditioning, dual-zone, automatic. Individual climate settings for driver and right front passenger. 1. Not available with Regular Models or (VVO) Snow Plow Prep Package.	-	-	A ¹	■	■
	D07		Console, floor. Includes storage compartment and dual cupholders.	-	-	-	-	■
	DK7		Console, overhead rail. Includes map lights. 1. Not available with (CFS) Sunroof, power.	-	S	■	■ ¹	■ ¹
K34			Cruise control, electronic with set and resume speed. Includes reliable in instrument panel cluster.	A	■	S	■	■
C49			Defogger, rear-window, electric. 1. Not available with A24 Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order types only. 2. Not available with A24 Window, rear sliding.	A ¹	■ ²	A ²	■ ²	■ ²
AU3			Door locks, power. 1. Available with Fleet and Government order types only.	A ¹	A	S	■	■
B30			Floor covering, color-keyed carpeting and rubberized vinyl floor mats. 1. Available with Fleet and Government order types only. 2. May be substituted with (R69) Floor covering, rubberized vinyl on Regular and Extended Cab Models.	A ¹	A	S	D ¹	■
AU0			Keyless entry, remote. Includes 2 transmitters, panic button and content theft alarm.	-	-	S	■	■
DF5			Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator.	-	-	-	■	■
"D			Seat trim, Custom Cloth	A	■	S	■	-
"2			Seat trim, leather. 1. Not available on Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl. - Extended Cab includes front and rear leather appointed seating surfaces.	-	-	-	A ¹	A ¹
				-	-	-	A ¹	■ ¹

Free Flow RPO Code	Rel. RPO Code	Description	Reg and Etc Cab	Crew Cab	Reg. Etc Cab	Etc and Crew Cab
		<p>1. Equipment Groups 1MT and LT, available on C15153, C15170, C15173, C15175, C15193 and C15195</p> <p>2. Equipment Group 2LT is available on C15145 Models. Not available for ordering until September 15th, 2005.</p> <p>3. Equipment Groups LT, available on all models.</p> <p>4. Equipment Groups 2LT and 3LT available on C15173, C15175, and C15154 Models.</p>	Reg. Etc Cab 1MT ¹	Crew Cab LT ²	Reg. Etc Cab LT ¹	Etc and Crew Cab LT ²
	AE7	<p>Seats, front 40/20/40 split-bench, 3-spacer, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended and Crew Cab Models</p> <p>1. Requires (TD) Seat trim, Custom Cloth.</p>	-	S	■	-
	AG5	<p>Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver's way, passenger manual recline, inboard armrests, and storage pockets</p>	-	-	-	-
	AN3	<p>Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger custom and back, 2-position driver-side memory and storage pockets</p>	-	-	-	■
AG1		<p>Seat adjuster, power, driver 6-way</p> <p>1. Included with (T7) Seat trim, leather seating surfaces on Extended or Crew Cab Models.</p> <p>2. With (AN) Seats, front power reclining full-feature buckets, includes 10-way adjuster.</p>	-	-	A ¹	■ ²
	AG2	<p>Seat adjuster, power, front passenger 10-way</p> <p>1. Included with (AN) Seats, front power reclining full-feature buckets.</p>	-	-	-	■ ¹
UB0		<p>Sound system, ETR AM/FM stereo with auto-tune control, speed-compensated volume and Radio Data System (RDS)</p> <p>1. Upgradable to (UB1) Sound system, ETR AM/FM stereo with CD and cassette player, when (PD) is ordered. Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.</p> <p>2. Upgradable to (UC6) Sound system, ETR AM/FM stereo with CD and cassette player, when (PD) is ordered. Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.</p>	A	■	S	□ ¹
UC6		<p>Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, Therilock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose subwoofer)</p>	-	-	-	A

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1WT and 1LS available on CC15V3, CK15V3, CC15V3, CK15V3, CC15V3 and CK15V3 Models. 2. Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st 2005. 3. Equipment Groups 1LT and 3LT available on all models. 4. Equipment Groups 2LT and 3LT available on CC15V3, CK15V3, and C15543 Models.	Work Truck 1WT ¹	LS LS ²	LT ¹ LT ²	LT ¹ LT ²
	UQ3	Sound system feature, audio speakers	-	S	■	-
	UQ7	Sound system feature, Bose Premium speaker system	-	-	-	■
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	-	-	A ¹	A
	UK6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media 1. Requires Crew Cab Models.	-	-	-	■ ¹
	NP5	Steering wheel, leather-wrapped rim, Black. Includes theft-deterrent locking feature	-	-	-	-
	A31	Windows, power, includes driver and passenger express-down	-	-	-	-
VB3		Bumper, rear, chrome step, includes pad	A	■	■	■
T96		Fog lamps, front, halogen	-	-	-	■
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1. With Extended Cab Models, includes rear window quarter windows. 2. With Crew Cab Models or (C40) D-Derived Models, includes light-tinted rear window.	A ¹	A ¹	■ ¹	■ ¹
	TR3	Grille, color-keyed surround	-	-	-	-
	DL8	Mirrors, outside rearview, manual folding, power, heated, Black 1. Upgradeable to DL3 Mirrors, outside rearview power folding, power heated or (DPN) Mirrors, vertical camper, outside rearview.	-	S	■	■
			-	-	□ ¹	-
DL3		Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1. Curb-tilt feature requires (UK3) Sound system feature, Bose Premium speaker system. 2. Upgradeable to (DPN) Mirrors, vertical camper, outside rearview. Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	-	-	A ¹	□ ²
B85		Moldings, bodyside 1. Moldings are Black. 2. Moldings are body-colored with chrome insert, see Color and Trim chart for compatibility.	-	A ¹	■ ²	■ ²

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1WT and 1LS available on CC15V3, CK15V3, CC15V3, CK15V3, CC15V3 and CK15V3 Models. 2. Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st 2005. 3. Equipment Groups 1LT and 3LT available on all models. 4. Equipment Groups 2LT and 3LT available on CC15V3, CK15V3, and C15543 Models.	Work Truck 1WT ¹	LS LS ²	LT ¹ LT ²	LT ¹ LT ²
	PY9	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-styled steel, includes chrome center caps and steel spare 1. Upgradeable to (P25) Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum, includes steel spare	-	■	□ ¹	-
P25		Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum, includes steel spare	-	-	A	A
LR4		Engine, Vortec 4800 V8 SFI (285 HP [212.3 kW] @ 5200 rpm, 295 lb.-ft. [398.2 N-m] @ 4000 rpm) 1. Standard on CK15753 Models only. 2. Not standard on C15553 Models. Not available with C15543 or C15553 Models.	A ¹	A ¹	■ ²	-
LM7		Engine, Vortec 5300 V8 SFI (295 HP [219.7 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1. Standard with C15953 Models and included with C15543 Power Package. Not available on CK15753 Models. 2. Standard with C15953, C15553 and C15543 Models only and included with (PDU) Light Duty Power Package. Not available on CK15753 Models. 3. Standard on CC15V3, CK15953, CK15553 and C15543 Models only. Not available with CK15753 Models. 4. Standard with CC15753, C15953, C15553 and C15543 Models only. Not available on CK15753 Models.	A ¹	A ¹	A ²	■ ³
L33		NEW! Engine, Vortec 5300 V8 SFI aluminum block with steel cylinder sleeves (310 HP [231.4 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1. Standard on C15953 Models and included with (PDU) Light Duty Power Package.	A ¹	A ¹	A ¹	■ ¹
Z85		Suspension Package, Handling/Trailer, includes 36mm piston monolube shocks 1. Standard on C15553 and C15543 Models.	A	A	A ¹	■ ¹
NP9		Transfer case, electronic Autotrac, includes push-button controls 1. Requires 4WD Models. - Standard on 4WD Crew Cab Models only.	-	-	A ¹	■ ¹

ADDITIONAL OPTIONS										
Free Flow RPO Code	Rel. Only RPO Code	Description	Reg and Ext Cab		Crew Cab		Reg, Ext and Crew Cab		Ext and Crew Cab	
			Reg Truck 1MT ¹	LS 1L5	LS 2L5	LT ¹ 1L7	LT ¹ 2L7	LT ¹ 3L7	LT ¹ 4L7	LT ¹ 5L7
		1 - Equipment Groups 1WT and 1L5 available on CC1533, CK1533, CC1533, CK1533, CC1533 and CK1533 Models. 2 - Equipment Group 2L5 available on CC1543 Model. 3 - Equipment Group 2L5 available on CC1543 Model. 4 - Equipment Groups 1L7 and 1L5 available on CC1533, CK1533 and CC1543 Models.								
C42		Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-	-	-	-	-
C42		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Regular Cab Models or (VU) Snow Plow Prep Package.	-	-	-	A ¹	-	-	-	-
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	S	■	■	■	■	■
C49		Defogger, rear-window, electric 1 - Available with (A28) Window, rear sliding or (C42) Government order types only. 2 - Not available with (A28) Window, rear sliding.	A ¹	■ ²	A ¹	■ ²	■ ²	■ ²	■ ²	■ ²
AU3		Door locks, power 1 - Available with Fleet and Government order types only.	A ¹	A	S	■	■	■	■	■
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with C15543 Models. Not available with (922) Medium Gray Leather Interior trim.	S	S	-	A ¹	-	-	-	-
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B30) Floor covering, rubberized vinyl on Regular and Extended Cab Models.	A ¹	A	S	□ ¹	■	■	■	■
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, Accident Assist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information. 1 - Includes (UK3) Sound system feature, steering wheel mounted controls, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature. Not available with a ship-to Puerto Rico or the Virgin Islands.	-	-	-	A ¹	A ¹	A ¹	A ¹	A ¹

ADDITIONAL OPTIONS										
Free Flow RPO Code	Rel. Only RPO Code	Description	Reg and Ext Cab		Crew Cab		Reg, Ext and Crew Cab		Ext and Crew Cab	
			Reg Truck 1MT ¹	LS 1L5	LS 2L5	LT ¹ 1L7	LT ¹ 2L7	LT ¹ 3L7	LT ¹ 4L7	LT ¹ 5L7
		1 - Equipment Groups 1WT and 1L5 available on CC1533, CK1533, CC1533, CK1533, CC1533 and CK1533 Models. 2 - Equipment Group 2L5 available on CC1543 Model. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1L7 and 1L5 available on all models. 4 - Equipment Groups 1L7 and 1L5 available on CC1533, CK1533, and CC1543 Models.								
PDB		OnStar Plus Package, includes (U2X) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires Extended or Crew Cab Models. - Package does not include (U2X) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature. Not available with a ship-to Puerto Rico or the Virgin Islands.	-	-	-	A ¹	A ¹	A ¹	A ¹	A ¹
R60		OnStar Plus Package discount not desired 1 - Requires Extended or Crew Cab Models. - Package when content within option package is ordered and entire package is not desired.	-	-	-	A ¹	A ¹	A ¹	A ¹	A ¹
AG1		Seat adjuster, power, driver 6-way 1 - Includes (A28) Window, rear sliding and leather seating surfaces on Extended or Crew Cab Models. 2 - With (A28) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	-	A ¹	■ ²	■ ²	■ ²	■ ²
DNH		Regular production accessory, underseat storage, rear, lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Requires Extended Cab Models. - Not available with C15543 Models. - With CK1533 Models not available with (A28) Window, rear sliding and leather seating surfaces, OnStar, (UE1) OnStar, (UK3) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature. Not available with a ship-to Puerto Rico or the Virgin Islands.	A ¹	A ¹	-	A ¹	A ¹	A ¹	A ¹	A ¹
UB0		Sound system, ETR, AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS) 1 - Upgradeable to (UB1) Sound system, ETR, AM/FM stereo with CD and cassette player when (PDJ) Extended and Crew Cab South-West LT Package is ordered. Includes (A28) Window, rear sliding and leather seating surfaces on Extended and Crew Cab Models. 2 - Upgradeable to (UCB) Sound system, ETR, AM/FM stereo with CD and cassette player when (UE1) OnStar, (UK3) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature. Not available with a ship-to Puerto Rico or the Virgin Islands.	A	■	S	□ ¹	□ ²	□ ²	-	-

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS							
Fire Flow RPO Code	Rat. Only RPO Code	Description	Reg. and Est. Cab	Crew Cab	Sep. Ext. and Crew Cab	Est. and Crew Cab	
		1 - Equipment Groups IWT and 1LS available on C6150-2, CK15'03, CC15753, CK15753, C615933 and CK15853 Models. 2 - Equipment Group 2L3 available on C71543 Models. Not RPO'd for this vehicle. 3 - Equipment Groups 1LT and 1LS available on all models. 4 - Equipment Groups 2LT and 2LT1 available on C615753, CK15'53, and C71543 Models.		LS 2L3 ² 1LS ¹	LX 2L3 ² 1LS ¹	LX 2L3 ² 1LS ¹	
UB1		Sound system, ETR AM/FM stereo with CD and cassette player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS) and 4-speakers on Regular Cab and 6-speakers on Crew Cab Models (with bucket seats UB1 includes Bose speaker system, Bose amplifier and Bose subwoofer) 1 - Requires (PCJ) Extended and Crew Cab South-West LT Package or (PCX) Special Vehicle Shipment Upfit Package 2. 2 - Requires (PDJ) Extended and Crew Cab South-West LT Package.	-	-	-	A ¹	A ¹
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose subwoofer)	-	-	-	A	■
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply - Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹	A ¹
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	-	-	-	A	■
U42		Entertainment system, rear seat, includes DVD player, LCD display and 2 wireless headphones 1 - Requires Crew Cab Model.	-	-	-	-	A ¹
CF5		NEW! Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1)	-	-	-	-	A
A28		Window, rear sliding, manual, deep-tinted 1 - Requires (A41) Glass, Solar-Ray deep tinted - 0.005 inch minimum visible light transmittance, fogger, rear-window, electric when ordered.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS			ADDITIONAL OPTIONS			
Free Flow Code	Ref. Only Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
	RPO Code	1. Equipment Groups 1LT, 1LT ¹ , 1LT ² , 1LT ³ , 1LT ⁴ , 1LT ⁵ , 1LT ⁶ , 1LT ⁷ , 1LT ⁸ , 1LT ⁹ , 1LT ¹⁰ , 1LT ¹¹ , 1LT ¹² , 1LT ¹³ , 1LT ¹⁴ , 1LT ¹⁵ , 1LT ¹⁶ , 1LT ¹⁷ , 1LT ¹⁸ , 1LT ¹⁹ , 1LT ²⁰ , 1LT ²¹ , 1LT ²² , 1LT ²³ , 1LT ²⁴ , 1LT ²⁵ , 1LT ²⁶ , 1LT ²⁷ , 1LT ²⁸ , 1LT ²⁹ , 1LT ³⁰ , 1LT ³¹ , 1LT ³² , 1LT ³³ , 1LT ³⁴ , 1LT ³⁵ , 1LT ³⁶ , 1LT ³⁷ , 1LT ³⁸ , 1LT ³⁹ , 1LT ⁴⁰ , 1LT ⁴¹ , 1LT ⁴² , 1LT ⁴³ , 1LT ⁴⁴ , 1LT ⁴⁵ , 1LT ⁴⁶ , 1LT ⁴⁷ , 1LT ⁴⁸ , 1LT ⁴⁹ , 1LT ⁵⁰ , 1LT ⁵¹ , 1LT ⁵² , 1LT ⁵³ , 1LT ⁵⁴ , 1LT ⁵⁵ , 1LT ⁵⁶ , 1LT ⁵⁷ , 1LT ⁵⁸ , 1LT ⁵⁹ , 1LT ⁶⁰ , 1LT ⁶¹ , 1LT ⁶² , 1LT ⁶³ , 1LT ⁶⁴ , 1LT ⁶⁵ , 1LT ⁶⁶ , 1LT ⁶⁷ , 1LT ⁶⁸ , 1LT ⁶⁹ , 1LT ⁷⁰ , 1LT ⁷¹ , 1LT ⁷² , 1LT ⁷³ , 1LT ⁷⁴ , 1LT ⁷⁵ , 1LT ⁷⁶ , 1LT ⁷⁷ , 1LT ⁷⁸ , 1LT ⁷⁹ , 1LT ⁸⁰ , 1LT ⁸¹ , 1LT ⁸² , 1LT ⁸³ , 1LT ⁸⁴ , 1LT ⁸⁵ , 1LT ⁸⁶ , 1LT ⁸⁷ , 1LT ⁸⁸ , 1LT ⁸⁹ , 1LT ⁹⁰ , 1LT ⁹¹ , 1LT ⁹² , 1LT ⁹³ , 1LT ⁹⁴ , 1LT ⁹⁵ , 1LT ⁹⁶ , 1LT ⁹⁷ , 1LT ⁹⁸ , 1LT ⁹⁹ , 1LT ¹⁰⁰ , 1LT ¹⁰¹ , 1LT ¹⁰² , 1LT ¹⁰³ , 1LT ¹⁰⁴ , 1LT ¹⁰⁵ , 1LT ¹⁰⁶ , 1LT ¹⁰⁷ , 1LT ¹⁰⁸ , 1LT ¹⁰⁹ , 1LT ¹¹⁰ , 1LT ¹¹¹ , 1LT ¹¹² , 1LT ¹¹³ , 1LT ¹¹⁴ , 1LT ¹¹⁵ , 1LT ¹¹⁶ , 1LT ¹¹⁷ , 1LT ¹¹⁸ , 1LT ¹¹⁹ , 1LT ¹²⁰ , 1LT ¹²¹ , 1LT ¹²² , 1LT ¹²³ , 1LT ¹²⁴ , 1LT ¹²⁵ , 1LT ¹²⁶ , 1LT ¹²⁷ , 1LT ¹²⁸ , 1LT ¹²⁹ , 1LT ¹³⁰ , 1LT ¹³¹ , 1LT ¹³² , 1LT ¹³³ , 1LT ¹³⁴ , 1LT ¹³⁵ , 1LT ¹³⁶ , 1LT ¹³⁷ , 1LT ¹³⁸ , 1LT ¹³⁹ , 1LT ¹⁴⁰ , 1LT ¹⁴¹ , 1LT ¹⁴² , 1LT ¹⁴³ , 1LT ¹⁴⁴ , 1LT ¹⁴⁵ , 1LT ¹⁴⁶ , 1LT ¹⁴⁷ , 1LT ¹⁴⁸ , 1LT ¹⁴⁹ , 1LT ¹⁵⁰ , 1LT ¹⁵¹ , 1LT ¹⁵² , 1LT ¹⁵³ , 1LT ¹⁵⁴ , 1LT ¹⁵⁵ , 1LT ¹⁵⁶ , 1LT ¹⁵⁷ , 1LT ¹⁵⁸ , 1LT ¹⁵⁹ , 1LT ¹⁶⁰ , 1LT ¹⁶¹ , 1LT ¹⁶² , 1LT ¹⁶³ , 1LT ¹⁶⁴ , 1LT ¹⁶⁵ , 1LT ¹⁶⁶ , 1LT ¹⁶⁷ , 1LT ¹⁶⁸ , 1LT ¹⁶⁹ , 1LT ¹⁷⁰ , 1LT ¹⁷¹ , 1LT ¹⁷² , 1LT ¹⁷³ , 1LT ¹⁷⁴ , 1LT ¹⁷⁵ , 1LT ¹⁷⁶ , 1LT ¹⁷⁷ , 1LT ¹⁷⁸ , 1LT ¹⁷⁹ , 1LT ¹⁸⁰ , 1LT ¹⁸¹ , 1LT ¹⁸² , 1LT ¹⁸³ , 1LT ¹⁸⁴ , 1LT ¹⁸⁵ , 1LT ¹⁸⁶ , 1LT ¹⁸⁷ , 1LT ¹⁸⁸ , 1LT ¹⁸⁹ , 1LT ¹⁹⁰ , 1LT ¹⁹¹ , 1LT ¹⁹² , 1LT ¹⁹³ , 1LT ¹⁹⁴ , 1LT ¹⁹⁵ , 1LT ¹⁹⁶ , 1LT ¹⁹⁷ , 1LT ¹⁹⁸ , 1LT ¹⁹⁹ , 1LT ²⁰⁰ , 1LT ²⁰¹ , 1LT ²⁰² , 1LT ²⁰³ , 1LT ²⁰⁴ , 1LT ²⁰⁵ , 1LT ²⁰⁶ , 1LT ²⁰⁷ , 1LT ²⁰⁸ , 1LT ²⁰⁹ , 1LT ²¹⁰ , 1LT ²¹¹ , 1LT ²¹² , 1LT ²¹³ , 1LT ²¹⁴ , 1LT ²¹⁵ , 1LT ²¹⁶ , 1LT ²¹⁷ , 1LT ²¹⁸ , 1LT ²¹⁹ , 1LT ²²⁰ , 1LT ²²¹ , 1LT ²²² , 1LT ²²³ , 1LT ²²⁴ , 1LT ²²⁵ , 1LT ²²⁶ , 1LT ²²⁷ , 1LT ²²⁸ , 1LT ²²⁹ , 1LT ²³⁰ , 1LT ²³¹ , 1LT ²³² , 1LT ²³³ , 1LT ²³⁴ , 1LT ²³⁵ , 1LT ²³⁶ , 1LT ²³⁷ , 1LT ²³⁸ , 1LT ²³⁹ , 1LT ²⁴⁰ , 1LT ²⁴¹ , 1LT ²⁴² , 1LT ²⁴³ , 1LT ²⁴⁴ , 1LT ²⁴⁵ , 1LT ²⁴⁶ , 1LT ²⁴⁷ , 1LT ²⁴⁸ , 1LT ²⁴⁹ , 1LT ²⁵⁰ , 1LT ²⁵¹ , 1LT ²⁵² , 1LT ²⁵³ , 1LT ²⁵⁴ , 1LT ²⁵⁵ , 1LT ²⁵⁶ , 1LT ²⁵⁷ , 1LT ²⁵⁸ , 1LT ²⁵⁹ , 1LT ²⁶⁰ , 1LT ²⁶¹ , 1LT ²⁶² , 1LT ²⁶³ , 1LT ²⁶⁴ , 1LT ²⁶⁵ , 1LT ²⁶⁶ , 1LT ²⁶⁷ , 1LT ²⁶⁸ , 1LT ²⁶⁹ , 1LT ²⁷⁰ , 1LT ²⁷¹ , 1LT ²⁷² , 1LT ²⁷³ , 1LT ²⁷⁴ , 1LT ²⁷⁵ , 1LT ²⁷⁶ , 1LT ²⁷⁷ , 1LT ²⁷⁸ , 1LT ²⁷⁹ , 1LT ²⁸⁰ , 1LT ²⁸¹ , 1LT ²⁸² , 1LT ²⁸³ , 1LT ²⁸⁴ , 1LT ²⁸⁵ , 1LT ²⁸⁶ , 1LT ²⁸⁷ , 1LT ²⁸⁸ , 1LT ²⁸⁹ , 1LT ²⁹⁰ , 1LT ²⁹¹ , 1LT ²⁹² , 1LT ²⁹³ , 1LT ²⁹⁴ , 1LT ²⁹⁵ , 1LT ²⁹⁶ , 1LT ²⁹⁷ , 1LT ²⁹⁸ , 1LT ²⁹⁹ , 1LT ³⁰⁰ , 1LT ³⁰¹ , 1LT ³⁰² , 1LT ³⁰³ , 1LT ³⁰⁴ , 1LT ³⁰⁵ , 1LT ³⁰⁶ , 1LT ³⁰⁷ , 1LT ³⁰⁸ , 1LT ³⁰⁹ , 1LT ³¹⁰ , 1LT ³¹¹ , 1LT ³¹² , 1LT ³¹³ , 1LT ³¹⁴ , 1LT ³¹⁵ , 1LT ³¹⁶ , 1LT ³¹⁷ , 1LT ³¹⁸ , 1LT ³¹⁹ , 1LT ³²⁰ , 1LT ³²¹ , 1LT ³²² , 1LT ³²³ , 1LT ³²⁴ , 1LT ³²⁵ , 1LT ³²⁶ , 1LT ³²⁷ , 1LT ³²⁸ , 1LT ³²⁹ , 1LT ³³⁰ , 1LT ³³¹ , 1LT ³³² , 1LT ³³³ , 1LT ³³⁴ , 1LT ³³⁵ , 1LT ³³⁶ , 1LT ³³⁷ , 1LT ³³⁸ , 1LT ³³⁹ , 1LT ³⁴⁰ , 1LT ³⁴¹ , 1LT ³⁴² , 1LT ³⁴³ , 1LT ³⁴⁴ , 1LT ³⁴⁵ , 1LT ³⁴⁶ , 1LT ³⁴⁷ , 1LT ³⁴⁸ , 1LT ³⁴⁹ , 1LT ³⁵⁰ , 1LT ³⁵¹ , 1LT ³⁵² , 1LT ³⁵³ , 1LT ³⁵⁴ , 1LT ³⁵⁵ , 1LT ³⁵⁶ , 1LT ³⁵⁷ , 1LT ³⁵⁸ , 1LT ³⁵⁹ , 1LT ³⁶⁰ , 1LT ³⁶¹ , 1LT ³⁶² , 1LT ³⁶³ , 1LT ³⁶⁴ , 1LT ³⁶⁵ , 1LT ³⁶⁶ , 1LT ³⁶⁷ , 1LT ³⁶⁸ , 1LT ³⁶⁹ , 1LT ³⁷⁰ , 1LT ³⁷¹ , 1LT ³⁷² , 1LT ³⁷³ , 1LT ³⁷⁴ , 1LT ³⁷⁵ , 1LT ³⁷⁶ , 1LT ³⁷⁷ , 1LT ³⁷⁸ , 1LT ³⁷⁹ , 1LT ³⁸⁰ , 1LT ³⁸¹ , 1LT ³⁸² , 1LT ³⁸³ , 1LT ³⁸⁴ , 1LT ³⁸⁵ , 1LT ³⁸⁶ , 1LT ³⁸⁷ , 1LT ³⁸⁸ , 1LT ³⁸⁹ , 1LT ³⁹⁰ , 1LT ³⁹¹ , 1LT ³⁹² , 1LT ³⁹³ , 1LT ³⁹⁴ , 1LT ³⁹⁵ , 1LT ³⁹⁶ , 1LT ³⁹⁷ , 1LT ³⁹⁸ , 1LT ³⁹⁹ , 1LT ⁴⁰⁰ , 1LT ⁴⁰¹ , 1LT ⁴⁰² , 1LT ⁴⁰³ , 1LT ⁴⁰⁴ , 1LT ⁴⁰⁵ , 1LT ⁴⁰⁶ , 1LT ⁴⁰⁷ , 1LT ⁴⁰⁸ , 1LT ⁴⁰⁹ , 1LT ⁴¹⁰ , 1LT ⁴¹¹ , 1LT ⁴¹² , 1LT ⁴¹³ , 1LT ⁴¹⁴ , 1LT ⁴¹⁵ , 1LT ⁴¹⁶ , 1LT ⁴¹⁷ , 1LT ⁴¹⁸ , 1LT ⁴¹⁹ , 1LT ⁴²⁰ , 1LT ⁴²¹ , 1LT ⁴²² , 1LT ⁴²³ , 1LT ⁴²⁴ , 1LT ⁴²⁵ , 1LT ⁴²⁶ , 1LT ⁴²⁷ , 1LT ⁴²⁸ , 1LT ⁴²⁹ , 1LT ⁴³⁰ , 1LT ⁴³¹ , 1LT ⁴³² , 1LT ⁴³³ , 1LT ⁴³⁴ , 1LT ⁴³⁵ , 1LT ⁴³⁶ , 1LT ⁴³⁷ , 1LT ⁴³⁸ , 1LT ⁴³⁹ , 1LT ⁴⁴⁰ , 1LT ⁴⁴¹ , 1LT ⁴⁴² , 1LT ⁴⁴³ , 1LT ⁴⁴⁴ , 1LT ⁴⁴⁵ , 1LT ⁴⁴⁶ , 1LT ⁴⁴⁷ , 1LT ⁴⁴⁸ , 1LT ⁴⁴⁹ , 1LT ⁴⁵⁰ , 1LT ⁴⁵¹ , 1LT ⁴⁵² , 1LT ⁴⁵³ , 1LT ⁴⁵⁴ , 1LT ⁴⁵⁵ , 1LT ⁴⁵⁶ , 1LT ⁴⁵⁷ , 1LT ⁴⁵⁸ , 1LT ⁴⁵⁹ , 1LT ⁴⁶⁰ , 1LT ⁴⁶¹ , 1LT ⁴⁶² , 1LT ⁴⁶³ , 1LT ⁴⁶⁴ , 1LT ⁴⁶⁵ , 1LT ⁴⁶⁶ , 1LT ⁴⁶⁷ , 1LT ⁴⁶⁸ , 1LT ⁴⁶⁹ , 1LT ⁴⁷⁰ , 1LT ⁴⁷¹ , 1LT ⁴⁷² , 1LT ⁴⁷³ , 1LT ⁴⁷⁴ , 1LT ⁴⁷⁵ , 1LT ⁴⁷⁶ , 1LT ⁴⁷⁷ , 1LT ⁴⁷⁸ , 1LT ⁴⁷⁹ , 1LT ⁴⁸⁰ , 1LT ⁴⁸¹ , 1LT ⁴⁸² , 1LT ⁴⁸³ , 1LT ⁴⁸⁴ , 1LT ⁴⁸⁵ , 1LT ⁴⁸⁶ , 1LT ⁴⁸⁷ , 1LT ⁴⁸⁸ , 1LT ⁴⁸⁹ , 1LT ⁴⁹⁰ , 1LT ⁴⁹¹ , 1LT ⁴⁹² , 1LT ⁴⁹³ , 1LT ⁴⁹⁴ , 1LT ⁴⁹⁵ , 1LT ⁴⁹⁶ , 1LT ⁴⁹⁷ , 1LT ⁴⁹⁸ , 1LT ⁴⁹⁹ , 1LT ⁵⁰⁰ , 1LT ⁵⁰¹ , 1LT ⁵⁰² , 1LT ⁵⁰³ , 1LT ⁵⁰⁴ , 1LT ⁵⁰⁵ , 1LT ⁵⁰⁶ , 1LT ⁵⁰⁷ , 1LT ⁵⁰⁸ , 1LT ⁵⁰⁹ , 1LT ⁵¹⁰ , 1LT ⁵¹¹ , 1LT ⁵¹² , 1LT ⁵¹³ , 1LT ⁵¹⁴ , 1LT ⁵¹⁵ , 1LT ⁵¹⁶ , 1LT ⁵¹⁷ , 1LT ⁵¹⁸ , 1LT ⁵¹⁹ , 1LT ⁵²⁰ , 1LT ⁵²¹ , 1LT ⁵²² , 1LT ⁵²³ , 1LT ⁵²⁴ , 1LT ⁵²⁵ , 1LT ⁵²⁶ , 1LT ⁵²⁷ , 1LT ⁵²⁸ , 1LT ⁵²⁹ , 1LT ⁵³⁰ , 1LT ⁵³¹ , 1LT ⁵³² , 1LT ⁵³³ , 1LT ⁵³⁴ , 1LT ⁵³⁵ , 1LT ⁵³⁶ , 1LT ⁵³⁷ , 1LT ⁵³⁸ , 1LT ⁵³⁹ , 1LT ⁵⁴⁰ , 1LT ⁵⁴¹ , 1LT ⁵⁴² , 1LT ⁵⁴³ , 1LT ⁵⁴⁴ , 1LT ⁵⁴⁵ , 1LT ⁵⁴⁶ , 1LT ⁵⁴⁷ , 1LT ⁵⁴⁸ , 1LT ⁵⁴⁹ , 1LT ⁵⁵⁰ , 1LT ⁵⁵¹ , 1LT ⁵⁵² , 1LT ⁵⁵³ , 1LT ⁵⁵⁴ , 1LT ⁵⁵⁵ , 1LT ⁵⁵⁶ , 1LT ⁵⁵⁷ , 1LT ⁵⁵⁸ , 1LT ⁵⁵⁹ , 1LT ⁵⁶⁰ , 1LT ⁵⁶¹ , 1LT ⁵⁶² , 1LT ⁵⁶³ , 1LT ⁵⁶⁴ , 1LT ⁵⁶⁵ , 1LT ⁵⁶⁶ , 1LT ⁵⁶⁷ , 1LT ⁵⁶⁸ , 1LT ⁵⁶⁹ , 1LT ⁵⁷⁰ , 1LT ⁵⁷¹ , 1LT ⁵⁷² , 1LT ⁵⁷³ , 1LT ⁵⁷⁴ , 1LT ⁵⁷⁵ , 1LT ⁵⁷⁶ , 1LT ⁵⁷⁷ , 1LT ⁵⁷⁸ , 1LT ⁵⁷⁹ , 1LT ⁵⁸⁰ , 1LT ⁵⁸¹ , 1LT ⁵⁸² , 1LT ⁵⁸³ , 1LT ⁵⁸⁴ , 1LT ⁵⁸⁵ , 1LT ⁵⁸⁶ , 1LT ⁵⁸⁷ , 1LT ⁵⁸⁸ , 1LT ⁵⁸⁹ , 1LT ⁵⁹⁰ , 1LT ⁵⁹¹ , 1LT ⁵⁹² , 1LT ⁵⁹³ , 1LT ⁵⁹⁴ , 1LT ⁵⁹⁵ , 1LT ⁵⁹⁶ , 1LT ⁵⁹⁷ , 1LT ⁵⁹⁸ , 1LT ⁵⁹⁹ , 1LT ⁶⁰⁰ , 1LT ⁶⁰¹ , 1LT ⁶⁰² , 1LT ⁶⁰³ , 1LT ⁶⁰⁴ , 1LT ⁶⁰⁵ , 1LT ⁶⁰⁶ , 1LT ⁶⁰⁷ , 1LT ⁶⁰⁸ , 1LT ⁶⁰⁹ , 1LT ⁶¹⁰ , 1LT ⁶¹¹ , 1LT ⁶¹² , 1LT ⁶¹³ , 1LT ⁶¹⁴ , 1LT ⁶¹⁵ , 1LT ⁶¹⁶ , 1LT ⁶¹⁷ , 1LT ⁶¹⁸ , 1LT ⁶¹⁹ , 1LT ⁶²⁰ , 1LT ⁶²¹ , 1LT ⁶²² , 1LT ⁶²³ , 1LT ⁶²⁴ , 1LT ⁶²⁵ , 1LT ⁶²⁶ , 1LT ⁶²⁷ , 1LT ⁶²⁸ , 1LT ⁶²⁹ , 1LT ⁶³⁰ , 1LT ⁶³¹ , 1LT ⁶³² , 1LT ⁶³³ , 1LT ⁶³⁴ , 1LT ⁶³⁵ , 1LT ⁶³⁶ , 1LT ⁶³⁷ , 1LT ⁶³⁸ , 1LT ⁶³⁹ , 1LT ⁶⁴⁰ , 1LT ⁶⁴¹ , 1LT ⁶⁴² , 1LT ⁶⁴³ , 1LT ⁶⁴⁴ , 1LT ⁶⁴⁵ , 1LT ⁶⁴⁶ , 1LT ⁶⁴⁷ , 1LT ⁶⁴⁸ , 1LT ⁶⁴⁹ , 1LT ⁶⁵⁰ , 1LT ⁶⁵¹ , 1LT ⁶⁵² , 1LT ⁶⁵³ , 1LT ⁶⁵⁴ , 1LT ⁶⁵⁵ , 1LT ⁶⁵⁶ , 1LT ⁶⁵⁷ , 1LT ⁶⁵⁸ , 1LT ⁶⁵⁹ , 1LT ⁶⁶⁰ , 1LT ⁶⁶¹ , 1LT ⁶⁶² , 1LT ⁶⁶³ , 1LT ⁶⁶⁴ , 1LT ⁶⁶⁵ , 1LT ⁶⁶⁶ , 1LT ⁶⁶⁷ , 1LT ⁶⁶⁸ , 1LT ⁶⁶⁹ , 1LT ⁶⁷⁰ , 1LT ⁶⁷¹ , 1LT ⁶⁷² , 1LT ⁶⁷³ , 1LT ⁶⁷⁴ , 1LT ⁶⁷⁵ , 1LT ⁶⁷⁶ , 1LT ⁶⁷⁷ , 1LT ⁶⁷⁸ , 1LT ⁶⁷⁹ , 1LT ⁶⁸⁰ , 1LT ⁶⁸¹ , 1LT ⁶⁸² , 1LT ⁶⁸³ , 1LT ⁶⁸⁴ , 1LT ⁶⁸⁵ , 1LT ⁶⁸⁶ , 1LT ⁶⁸⁷ , 1LT ⁶⁸⁸ , 1LT ⁶⁸⁹ , 1LT ⁶⁹⁰ , 1LT ⁶⁹¹ , 1LT ⁶⁹² , 1LT ⁶⁹³ , 1LT ⁶⁹⁴ , 1LT ⁶⁹⁵ , 1LT ⁶⁹⁶ , 1LT ⁶⁹⁷ , 1LT ⁶⁹⁸ , 1LT ⁶⁹⁹ , 1LT ⁷⁰⁰ , 1LT ⁷⁰¹ , 1LT ⁷⁰² , 1LT ⁷⁰³ , 1LT ⁷⁰⁴ , 1LT ⁷⁰⁵ , 1LT ⁷⁰⁶ , 1LT ⁷⁰⁷ , 1LT ⁷⁰⁸ , 1LT ⁷⁰⁹ , 1LT ⁷¹⁰ , 1LT ⁷¹¹ , 1LT ⁷¹² , 1LT ⁷¹³ , 1LT ⁷¹⁴ , 1LT ⁷¹⁵ , 1LT ⁷¹⁶ , 1LT ⁷¹⁷ , 1LT ⁷¹⁸ , 1LT ⁷¹⁹ , 1LT ⁷²⁰ , 1LT ⁷²¹ , 1LT ⁷²² , 1LT ⁷²³ , 1LT ⁷²⁴ , 1LT ⁷²⁵ , 1LT ⁷²⁶ , 1LT ⁷²⁷ , 1LT ⁷²⁸ , 1LT ⁷²⁹ , 1LT ⁷³⁰ , 1LT ⁷³¹ , 1LT ⁷³² , 1LT ⁷³³ , 1LT ⁷³⁴ , 1LT ⁷³⁵ , 1LT ⁷³⁶ , 1LT ⁷³⁷ , 1LT ⁷³⁸ , 1LT ⁷³⁹ , 1LT ⁷⁴⁰ , 1LT ⁷⁴¹ , 1LT ⁷⁴² , 1LT ⁷⁴³ , 1LT ⁷⁴⁴ , 1LT ⁷⁴⁵ , 1LT ⁷⁴⁶ , 1LT ⁷⁴⁷ , 1LT ⁷⁴⁸ , 1LT ⁷⁴⁹ , 1LT ⁷⁵⁰ , 1LT ⁷⁵¹ , 1LT ⁷⁵² , 1LT ⁷⁵³ , 1LT ⁷⁵⁴ , 1LT ⁷⁵⁵ , 1LT ⁷⁵⁶ , 1LT ⁷⁵⁷ , 1LT ⁷⁵⁸ , 1LT ⁷⁵⁹ , 1LT ⁷⁶⁰ , 1LT ⁷⁶¹ , 1LT ⁷⁶² , 1LT ⁷⁶³ , 1LT ⁷⁶⁴ , 1LT ⁷⁶⁵ , 1LT ⁷⁶⁶ , 1LT ⁷⁶⁷ , 1LT ⁷⁶⁸ , 1LT ⁷⁶⁹ , 1LT ⁷⁷⁰ , 1LT ⁷⁷¹ , 1LT ⁷⁷² , 1LT ⁷⁷³ , 1LT ⁷⁷⁴ , 1LT ⁷⁷⁵ , 1LT ⁷⁷⁶ , 1LT ⁷⁷⁷ , 1LT ⁷⁷⁸ , 1LT ⁷⁷⁹ , 1LT ⁷⁸⁰ , 1LT ⁷⁸¹ , 1LT ⁷⁸² , 1LT ⁷⁸³ , 1LT ⁷⁸⁴ , 1LT ⁷⁸⁵ , 1LT ⁷⁸⁶ , 1LT ⁷⁸⁷ , 1LT ⁷⁸⁸ , 1LT ⁷⁸⁹ , 1LT ⁷⁹⁰ , 1LT ⁷⁹¹ , 1LT ⁷⁹² , 1LT ⁷⁹³ , 1LT ⁷⁹⁴ , 1LT ⁷⁹⁵ , 1LT ⁷⁹⁶ , 1LT ⁷⁹⁷ , 1LT ⁷⁹⁸ , 1LT ⁷⁹⁹ , 1LT ⁸⁰⁰ , 1LT ⁸⁰¹ , 1LT ⁸⁰² , 1LT ⁸⁰³ , 1LT ⁸⁰⁴ , 1LT ⁸⁰⁵ , 1LT ⁸⁰⁶ , 1LT ⁸⁰⁷ , 1LT ⁸⁰⁸ , 1LT ⁸⁰⁹ , 1LT ⁸¹⁰ , 1LT ⁸¹¹ , 1LT ⁸¹² , 1LT ⁸¹³ , 1LT ⁸¹⁴ , 1LT ⁸¹⁵ , 1LT ⁸¹⁶ , 1LT ⁸¹⁷ , 1LT ⁸¹⁸ , 1LT ⁸¹⁹ , 1LT ⁸²⁰ , 1LT ⁸²¹ , 1LT ⁸²² , 1LT ⁸²³ , 1LT ⁸²⁴ , 1LT ⁸²⁵ , 1LT ⁸²⁶ , 1LT ⁸²⁷ , 1LT ⁸²⁸ , 1LT ⁸²⁹ , 1LT ⁸³⁰ , 1LT ⁸³¹ , 1LT ⁸³² , 1LT ⁸³³ , 1LT ⁸³⁴ , 1LT ⁸³⁵ , 1LT ⁸³⁶ , 1LT ⁸³⁷ , 1LT ⁸³⁸ , 1LT ⁸³⁹ , 1LT ⁸⁴⁰ , 1LT ⁸⁴¹ , 1LT ⁸⁴² , 1LT ⁸⁴³ , 1LT ⁸⁴⁴ , 1LT ⁸⁴⁵ , 1LT ⁸⁴⁶ , 1LT ⁸⁴⁷ , 1LT ⁸⁴⁸ , 1LT ⁸⁴⁹ , 1LT ⁸⁵⁰ , 1LT ⁸⁵¹ , 1LT ⁸⁵² , 1LT ⁸⁵³ , 1LT ⁸⁵⁴ , 1LT ⁸⁵⁵ , 1LT ⁸⁵⁶ , 1LT ⁸⁵⁷ , 1LT ⁸⁵⁸ , 1LT ⁸⁵⁹ , 1LT ⁸⁶⁰ , 1LT ⁸⁶¹ , 1LT ⁸⁶² , 1LT ⁸⁶³ , 1LT ⁸⁶⁴ , 1LT ⁸⁶⁵ , 1LT ⁸⁶⁶ , 1LT ⁸⁶⁷ , 1LT ⁸⁶⁸ , 1LT ⁸⁶⁹ , 1LT ⁸⁷⁰ , 1LT ⁸⁷¹ , 1LT ⁸⁷² , 1LT ⁸⁷³ , 1LT ⁸⁷⁴ , 1LT ⁸⁷⁵ , 1LT ⁸⁷⁶ , 1LT ⁸⁷⁷ , 1LT ⁸⁷⁸ , 1LT ⁸⁷⁹ , 1LT ⁸⁸⁰ , 1LT ⁸⁸¹ , 1LT ⁸⁸² , 1LT ⁸⁸³ , 1LT ⁸⁸⁴ , 1LT ⁸⁸⁵ , 1LT ⁸⁸⁶ , 1LT ⁸⁸⁷ , 1LT ⁸⁸⁸ , 1LT ⁸⁸⁹ , 1LT ⁸⁹⁰ , 1LT ⁸⁹¹ , 1LT ⁸⁹² , 1LT ⁸⁹³ , 1LT ⁸⁹⁴ , 1LT ⁸⁹⁵ , 1LT ⁸⁹⁶ , 1LT ⁸⁹⁷ , 1LT ⁸⁹⁸ , 1LT ⁸⁹⁹ , 1LT ⁹⁰⁰ , 1LT ⁹⁰¹ , 1LT ⁹⁰² , 1LT ⁹⁰³ , 1LT ⁹⁰⁴ , 1LT ⁹⁰⁵ , 1LT ⁹⁰⁶ , 1LT ⁹⁰⁷ , 1LT ⁹⁰⁸ , 1LT ⁹⁰⁹ , 1LT ⁹¹⁰ , 1LT ⁹¹¹ , 1LT ⁹¹² , 1LT ⁹¹³ , 1LT ⁹¹⁴ , 1LT ⁹¹⁵ , 1LT ⁹¹⁶ , 1LT ⁹¹⁷ , 1LT ⁹¹⁸ , 1LT ⁹¹⁹ , 1LT ⁹²⁰ , 1LT ⁹²¹ , 1LT ⁹²² , 1LT ⁹²³ , 1LT ⁹²⁴ , 1LT ⁹²⁵ , 1LT ⁹²⁶ , 1LT ⁹²⁷ , 1LT ⁹²⁸ , 1LT ⁹²⁹ , 1LT ⁹³⁰ , 1LT ⁹³¹ , 1LT ⁹³² , 1LT ⁹³³ , 1LT ⁹³⁴ , 1LT ⁹³⁵ , 1LT ⁹³⁶ , 1LT ⁹³⁷ , 1LT ⁹³⁸ , 1LT ⁹³⁹ , 1LT ⁹⁴⁰ , 1LT ⁹⁴¹ , 1LT ⁹⁴² , 1LT ⁹⁴³ , 1LT ⁹⁴⁴ , 1LT ⁹⁴⁵ , 1LT ⁹⁴⁶ , 1LT ⁹⁴⁷ , 1LT ⁹⁴⁸ , 1LT ⁹⁴⁹ , 1LT ⁹⁵⁰ , 1LT ⁹⁵¹ , 1LT ⁹⁵² , 1LT ⁹⁵³ , 1LT ⁹⁵⁴ , 1LT ⁹⁵⁵ , 1LT ⁹⁵⁶ , 1LT ⁹⁵⁷ , 1LT ⁹⁵⁸ , 1LT ⁹⁵⁹ , 1LT ⁹⁶⁰ , 1LT ⁹⁶¹ , 1LT ⁹⁶² , 1LT ⁹⁶³ , 1LT ⁹⁶⁴ , 1LT ⁹⁶⁵ , 1LT ⁹⁶⁶ , 1LT ⁹⁶⁷ , 1LT ⁹⁶⁸ , 1LT ⁹⁶⁹ , 1LT ⁹⁷⁰ , 1LT ⁹⁷¹ , 1LT ⁹⁷² , 1LT ⁹⁷³ , 1LT ⁹⁷⁴ , 1LT ⁹⁷⁵ , 1LT ⁹⁷⁶ , 1LT ⁹⁷⁷ , 1LT ⁹⁷⁸ , 1LT ⁹⁷⁹ , 1LT ⁹⁸⁰ , 1LT ⁹⁸¹ , 1LT ⁹⁸² , 1LT ⁹⁸³ , 1LT ⁹⁸⁴ , 1LT ⁹⁸⁵ , 1LT ⁹⁸⁶ , 1LT ⁹⁸⁷ , 1LT ⁹⁸⁸ , 1LT ⁹⁸⁹ , 1LT ⁹⁹⁰ , 1LT ⁹⁹¹ , 1LT ⁹⁹² , 1LT ⁹⁹³ , 1LT ⁹⁹⁴ , 1LT ⁹⁹⁵ , 1LT ⁹⁹⁶ , 1LT ⁹⁹⁷ , 1LT ⁹⁹⁸ , 1LT ⁹⁹⁹ , 1LT ¹⁰⁰⁰ , 1LT ¹⁰⁰¹ , 1LT ¹⁰⁰² , 1LT ¹⁰⁰³ , 1LT ¹⁰⁰⁴ , 1LT ¹⁰⁰⁵ , 1LT ¹⁰⁰⁶ , 1LT ¹⁰⁰⁷ , 1LT ¹⁰⁰⁸ , 1LT ¹⁰⁰⁹ , 1LT ¹⁰¹⁰ , 1LT ¹⁰¹¹ , 1LT ¹⁰¹² , 1LT ¹⁰¹³ , 1LT ¹⁰¹⁴ , 1LT ¹⁰¹⁵ , 1LT ¹⁰¹⁶ , 1LT ¹⁰¹⁷ , 1LT ¹⁰¹⁸ , 1LT ¹⁰¹⁹ , 1LT ¹⁰²⁰ , 1LT ¹⁰²¹ , 1LT ¹⁰²² , 1LT ¹⁰²³ , 1LT ¹⁰²⁴ , 1LT ¹⁰²⁵ , 1LT ¹⁰²⁶ , 1LT ¹⁰²⁷ , 1LT ¹⁰²⁸ , 1LT ¹⁰				

ADDITIONAL OPTIONS									
Free Flow Only RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Crew Cab	Reg. Ext. Cab	Ext. and Crew Cab		
			W4 Truck	LS	LS	LT	LT	LT	LT
		1 - Equipment Group 1WT and LT is available on C1503, C1573, C1573Z, C1573Z, C1593Z and C1593Z Models.							
		2 - Equipment Group 2LT is available on C1543 Models.							
		3 - Equipment Group 3LT is available on all models.							
		4 - Equipment Group 4LT is available on all models.							
		5 - Equipment Group 5LT is available on C1593Z, C1593Z, and C1593Z Models.							
V77		Bumper, rear, delete 1 - Requires a Fleet Order type only.	A ¹	-	-	-	-	-	-
T56		Fog lamps, front, halogen	-	-	-	A	-	-	-
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1 - With Extended Cab Models, includes rear window tinted glass. 2 - With Crew Cab Models, includes rear window tinted glass. 3 - With Crew Cab Models or light-tinted rear window, electric, includes	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
DF2		Mirrors, outside rearview, foldaway, manual, camper-style, Black, high visibility, extendable, includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" (218.4 cm))	A	A	-	-	-	-	-
DL3		Mirrors, outside rearview, power-folding, power, heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1 - Curb-tilt feature requires (UK3) Sound system feature, steering wheel mounted radio controls. 2 - Upgradable to (DPN) Mirrors, vertical camper, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spoiler glass (convex glass is not heated)	-	-	-	A ¹	A ¹	A ¹	A ¹
DPN		NEV Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spoiler glass (convex glass is not heated)	-	-	-	A	A	A	A
B85		Mountings, body-side 1 - Mountings are body-colored with chrome insert, see Color and Trim chart for compatibility.	-	A ¹	S ²	A ¹	A ¹	A ¹	A ¹
ZV2		Paint, two-tone 1 - Requires C1573Z or C1593Z Models.	-	-	-	A ¹	A ¹	A ¹	A ¹
BVE		Regular production accessory, Assist steps, chrome plated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	A	A	A

ADDITIONAL OPTIONS									
Free Flow Only RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Crew Cab	Reg. Ext. Cab	Ext. and Crew Cab		
			W4 Truck	LS	LS	LT	LT	LT	LT
		1 - Equipment Group 1WT and LT is available on C1503, C1573, C1573Z, C1573Z, C1593Z and C1593Z Models.							
		2 - Equipment Group 2LT is available on C1543 Models.							
		3 - Equipment Group 3LT is available on all models.							
		4 - Equipment Group 4LT is available on all models.							
		5 - Equipment Group 5LT is available on C1593Z, C1593Z, and C1593Z Models.							
BVS		Regular production accessory, Assist steps, Black coated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	A	A	A
BVU		Regular production accessory, Assist steps, molded plastic, Black. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	-	-	A	A ¹	A ¹	A ¹	A ¹
PP8		Regular production accessory, Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	A	A	A
PUB		Regular production accessory, Pickup bed protectors, Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A ¹	A ¹	-	A ¹	A ¹	A ¹	A ¹
E55		Regular production accessory, Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. Cab and Crew Cab	Ext. and Crew Cab	1LT 3LT	1LT 3LT	A ¹
		1 - Equipment Groups 1WT and 1LS available on C15153, C15153, C15153, C15153, C15153 and C15153 Models. 2 - Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT and 3LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15153, C15153, and C15543 Models.	A ¹	A ¹	-	A ²	A ¹	A ¹	A ¹
LM7		Engine, Vortec 5300 V8 SFI (295 HP [219.7 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Standard with C15553 Models and included with (PDU) Light Duty Power Package. - Not available on C151753 Models. 2 - Standard with C15553, C15553 and C15543 Models only and included with (PDU) Light Duty Power Package. Not available on C151753 Models. 3 - Standard on C15153, C15153, C15153 and C15543 Models only. - Not available with C151753 Models. 4 - Standard with C151753, C151553, C15553 and C15543 Models only. - Not available on C151753 Models.	A ¹	A ¹	-	A ²	A ¹	A ¹	A ¹
L33		NEW! Engine, Vortec 5300 V8 SFI, aluminum block with steel cylinder sleeves (310 HP [231.4 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Standard with C151753 Models and included with (PDU) Light Duty Power Package.	A ¹	A ¹	-	A ¹	A ¹	A ¹	A ¹
L59		Engine, Vortec 5300 V8 SFI, Flexible Fuel (295 HP [219.7 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Requires C15153, C151753 or C15553 Models. - Included with (PDU) Light Duty Power Package.	A ¹	A ¹	-	A ¹	A ¹	A ¹	A ¹
PDU		Light Duty Power Package, includes (LM7) Engine, Vortec 5300 V8 SFI, (L33) Engine, Vortec 5300 V8 SFI or (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel, (G80) Differential, automatic locking, heavy-duty and (Z82) Trailering equipment, heavy-duty 1 - Requires C15153 Extended Cab Models. Not available with (Z83) Suspension Package, Solid Smooth Ride. 2 - Not available with (Z83) Suspension Package, Solid Smooth Ride.	A ¹	A ²	-	A ²	A ²	A ²	A ²
R6Y		Light Duty Power Package discount not desired 1 - Not available with (B2E) Silverado Limited Edition.	A	A	-	A ¹	A ¹	A ¹	A ¹

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Crew Cab	Reg. Ext. and Crew Cab		Ext. and Crew Cab	
		1 - Equipment Groups 1WT and 1LS available on C15153, CK15153, CK15153, CK15153, CK15153 and CK15153 Models. 2 - Equipment Group 2LS available on C15153 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15153, CK15153, and C15153 Models.	Reg. and Ext. Cab	Crew Cab	Reg. Ext. Cab	Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab	
NHT		VortecMax Performance Pack includes (L09) Engine, Vortec high-output 6000 V8 with "VortecMax" engine cover and door badge that reads "Vortec Max", (M70) Transmission, 4-speed automatic, super duty, (G15) Rear axle, 4.10 ratio includes (G14) Rear axle, 3.73 ratio on C15153 models, (G80) Differential, locking, heavy-duty, rear, (ZK3) Suspension Package, Ride-Control, (KC4) Cooling, external engine oil cooler, (KNP) Cooling, external transmission oil cooler, auxiliary, and (Z82) Trailering equipment, heavy-duty 1 - Requires C15153 or C15153 Models. Requires (P25) 4.10-2.7.5 (43.2 cm x 19.1 cm) 6-lug polished cast steel wheels and tires. This package may not be substituted or deleted. - Not available with (Z71) Suspension Package, Off-Road, (Z83) Suspension Package, Solid Smooth Ride, or (Z85) Suspension Package, Trailering/Trailering.	-	-	-	A ¹	A ¹	A ¹	
GU5		NEW! Rear axle, 3.23 ratio 1 - Refer to Engine/Axle chart for availability. - Standard on 2WD Models only.	A ¹	A ¹	-	A ¹	A ¹	A ¹	
GU6		Rear axle, 3.42 ratio 1 - Refer to Engine/Axle chart for availability. - Standard on 4WD Models only.	A ¹	A ¹	-	A ¹	A ¹	A ¹	
GT4		Rear axle, 3.73 ratio 1 - Refer to Engine/Axle chart for availability. - Requires (P25) 4.10-2.7.5 (43.2 cm x 19.1 cm) 6-lug polished cast steel wheels and tires. This package may not be substituted or deleted. - Not available with (Z71) Suspension Package, Off-Road, (Z83) Suspension Package, Solid Smooth Ride, or (Z85) Suspension Package, Trailering/Trailering. 2 - Requires 4WD Models.	A ¹	A ¹	A ²	A ¹	A ¹	A ¹	
GT5		Rear axle, 4.10 ratio 1 - Requires 4WD Models and (G80) Differential, locking, heavy-duty, rear. Refer to Engine/Axle chart for availability.	A ¹	A ¹	-	A ¹	A ¹	A ¹	

ADDITIONAL OPTIONS									
Frame Flow RPO Code	Ref. Only RPO Code	Description	Reg and Ext Cab	Crew Cab	Reg, Ext and Crew Cab	Ext and Crew Cab			
		1 - Equipment Groups WMT and LT ² available on C15533, C15533, C15725, C15933 and C15933 Models. 2 - Equipment Group 2LS available on C15543 Models. 3 - Equipment Group 2LT available on C15543 Models. 4 - Equipment Groups 2LT and 2LT ² available on C15533, C15533, and C15943 Models.	Week Truck WT ¹	LS LS	LT ² LT ²	LT ² LT ²			
BAV		Silverado Performance Edition. Includes (LC9) Engine, Vortec high-output 6000 V8 with "VortecMax" engine cover and door badge that reads "VortecMax", (M32) Transmission, 4-speed automatic, heavy-duty, (G124) Rear axle, 3.73 ratio, (Z60) Suspension Package, High-Performance, (G80) Differential, locking, heavy-duty, rear, (NVW7) Traction assist system, electronic, (K4C) Cooling, engine oil, (KNP) Cooling, external transmission oil cooler, (Z82) Trailering equipment, heavy-duty, (UK3) Sound system feature, steering wheel mounted radio controls, (GR9) Wheels, 4 - 20" x 8.5", cast aluminum, chromed, 5-spoke, (G8S) Tires, P275/55R20, touring, blackwall, (ZAN) Tire, spare P265/70R17, blackwall and 17" Wheel, steel, spare 1 - Requires C15725 Models. - Option content within this package may not be substituted or deleted. Not available with (Z72) Paint, two-tone, (DPN) Mirrors, (K4C) Cooling, engine oil, (KNP) Cooling, external transmission oil cooler, (Z82) Trailering equipment, heavy-duty, (UK3) Sound system feature, steering wheel mounted radio controls, (GR9) Wheels, 4 - 20" x 8.5", cast aluminum, chromed, 5-spoke, (G8S) Tires, P275/55R20, touring, blackwall, (ZAN) Tire, spare P265/70R17, blackwall and 17" Wheel, steel, spare 2 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 3 - Requires 4WD Models.	-	-	-	A ¹	A ¹	A ¹	A ¹
NZZ		Shid Plate Package. Includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 2 - Requires 4WD Models.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
VYU		Snow Plow Prep Package. Includes 10-amp power for backup and roof emergency light, (KXV1) Alternator, 160-amp, high-flow front bumper, forward lamp wiring harness, 1.55" (42 mm) access hole with grommet in front of dash panel, instrument panel jumper wiring harness for electric trailer brake controller, includes (K47) Air cleaner, high capacity and (NZZ) Shid Plate Package 1 - Requires C15725 Models. - Not available with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 2 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 3 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 4 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 5 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 6 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 7 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 8 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 9 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 10 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 11 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 12 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 13 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 14 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 15 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 16 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 17 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 18 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 19 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 20 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 21 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 22 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 23 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 24 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 25 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 26 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 27 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 28 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 29 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 30 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 31 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 32 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 33 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 34 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 35 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 36 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 37 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 38 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 39 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 40 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 41 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 42 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 43 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 44 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 45 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 46 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 47 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 48 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 49 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 50 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 51 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 52 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 53 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 54 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 55 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 56 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 57 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 58 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 59 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 60 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 61 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 62 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 63 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 64 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 65 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 66 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 67 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 68 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 69 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 70 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 71 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 72 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 73 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 74 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 75 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 76 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 77 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 78 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 79 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 80 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 81 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 82 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 83 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 84 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 85 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 86 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 87 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 88 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 89 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 90 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 91 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 92 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 93 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 94 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 95 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 96 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 97 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 98 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 99 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 100 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package.	A ¹	A ¹	-	A ¹	-	-	

ADDITIONAL OPTIONS									
Frame Flow RPO Code	Ref. Only RPO Code	Description	Reg and Ext Cab		Crew Cab		Reg, Ext and Crew Cab		Ext and Crew Cab
			Week Truck WT ¹	LS	LS	LS	LT ²	LT ²	
		1 - Equipment Groups WMT and LT ² available on C15533, C15533, C15725, C15933 and C15933 Models. 2 - Equipment Group 2LS available on C15543 Models. 3 - Equipment Group 2LS available on C15543 Models. 4 - Equipment Groups 2LT and 2LT ² available on C15533, C15533, and C15943 Models.							
Z85		Suspension Package, Handling/Trailering. Includes 36mm piston monobloc shocks 1 - Standard on C15533 and C15543 Models.	A	A	S	A ¹	■ ¹	■ ¹	
Z71		Suspension Package, Off-Road. Includes 1.81" (46 mm) shocks, off-road jounce bumpers, stabilizer bars, (B71) Wheel flares, (NZZ) Shid Plate Package, and Z71 decals on rear quarters 1 - Requires 4WD Models. - Requires (PDU) Light-Duty on/off-road White outlined-letter or (QAP) Tires, P265/70R17, on/off-road, blackwall.	-	-	-	A ¹	A ¹	A ¹	
ZX3		Suspension Package, Ride-Control, manual selectable, includes 2-position electronic control for shock setting and smooth-road/trailing 1 - Not available with (VYU) Snow Plow Prep Package or C15533 Models or C15543 Model unless (NMT) VortecMax Performance Pack is ordered.	-	-	-	A ¹	A ¹	A ¹	
NW7		Traction assist system, electronic 1 - Requires 2WD Models. (G80) Differential, locking, heavy-duty, rear, and (M30) Transmission, 4-speed automatic. - Not available with (LU3) Engine, Vortec 4300 V6 MPI or (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel. 2 - Requires 2WD Models and (G80) Differential, locking, heavy-duty, rear. - Not available with (LU3) Engine, Vortec 4300 V6 MPI or (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel.	-	A ¹	A ²	A ²	A ²	A ²	
Z62		Trailering equipment, heavy-duty, includes trailering hitch platform, 7-throw harness, includes wires for park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground with independent fused trailering circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity and (KNP) Cooling, external transmission oil cooler 1 - Requires (M30) Transmission, 4-speed automatic. - Not available with (LU3) Engine, Vortec 4300 V6 MPI or (Z62) Suspension Package, Solid Smooth Ride.	A ¹	A ¹	A	A ¹	A ¹	A ¹	

ADDITIONAL OPTIONS						
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1LT and 3LT available on C1500, C1500S, C1500S, C1500S, C1500S and C1500S Models. 2. Equipment Group 2LS available on C1500S Models. 3. Equipment Groups 1LT and 3LT available on all models. 4. Equipment Groups 2LT and 3LT available on C1500, C1500S, and C1500S Models.	Work Truck 1WT ¹	LS LS ¹	LT ¹ LT ¹	LT ¹ LT ¹
UY2		Trailer wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness 1. Requires (282) Trailer equipment, heavy-duty. - Not available with C1500 or C1500S Models.	A ¹	A ¹	A ¹	A ¹
NP8		Transfer case, electronic Autotrac, includes push-button controls 1. Requires 4WD Models. - Standard on 4WD Crew Cab Models only.	-	-	A ¹	A ¹
M30		Transmission, 4-speed automatic, electronically controlled with overdrive and tow/haul mode 1. Standard on Extended Cab Models only.	A ¹	A ¹	S	S

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility. *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.						
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment Groups 1WT and 1LS available on C1500, C1500S, C1500S, C1500S, C1500S and C1500S Models. 2. Equipment Group 2LS available on C1500S Models. 3. Equipment Groups 1LT and 3LT available on all models. 4. Equipment Groups 2LT and 3LT available on C1500, C1500S, and C1500S Models.	Work Truck 1WT ¹	LS LS ¹ 2LS ²	LT ¹ LT ¹	LT ¹ LT ¹ 3LT ¹
VB3		Bumper, rear, chrome step		■	■	■
K34		Cruise control		■	■	■
C49		Defogger, rear-window, electric		■	■	■
	**D	Seat trim, Custom Cloth		■	■	■
UB0		Sound system, ETR AM/FM stereo with CD player 1. Upgradeable to (UB1) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, ETR AM/FM stereo with CD and cassette player when (PDJ) Extended and Crew Cab South-West LT Package is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2. Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, ETR AM/FM stereo with CD and cassette player when (PDJ) Extended and Crew Cab South-West LT Package is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.		■	■	■
	PY9	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-style steel 1. Upgradeable to (P25) Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum.		■	□	□
	AE7	Seats, front 40/20/40 split-bench, 3-passenger		■	■	■
	DK7	Console, overhead mini			■	■
AU3		Door locks, power			■	■
B30		Floor covering, color-keyed carpeting 1. May be substituted with (B69) Floor covering, rubberized vinyl on Regular and Extended Cab Models.			■	■
AJ1		Glass, Solar-Ray deep tinted			■	■
	TR3	Grille, color-keyed surround			■	■
	AU0	Keyless entry, remote			■	■
	DFS	Mirror, inside rearview			■	■
B85		Moldings, body-side			■	■
	NP5	Steering wheel, leather-wrapped rim			■	■
	A31	Windows, power			■	■

2006 Chevrolet Truck Silverado 1500 PEG STAIRSTEP

Free RPO Code	Ref Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. Cab	Ext. and Crew Cab
		1. Equipment Groups 1XT and 1LS available on CC15303 Models. 2. Equipment Group 2LS available on CC15543 Models. 3. Equipment Groups 1LT and 3LT available on CC15353, CC15553, and CC15543 Models. 4. Equipment Groups 1LT and 3LT available on CC15353, CC15553, and CC15543 Models.	1XT ¹	LS LS ²	LT ³ LT ³	LT ³ LT ³ LT ³ LT ³
	DL8	Mirrors, outside rearview, manual folding, power, heated. Black. 1 - Upgradeable to (DL3) Mirrors, outside rearview, manual folding, power heated or (DPN) Mirrors, vertical camp, 1 visible rearview.			□ ¹	□ ¹
	LR4	Engine, Vortec 4800 V8 SFI				
	UC3	Sound system feature, audio speakers				
	CJ2	Air conditioning, dual-zone, automatic				
	DD7	Console, floor				
	LM7	Engine, Vortec 5300 V8 SFI				
	L33	NEW! Engine, Vortec 5300 V8 SFI				
	T96	Fog lamps, front				
	AG1	Seat adjuster, power, driver 6-way				
	UC7	Sound system feature, Bose Premium speaker system				
	UK6	Sound system feature, rear audio controls				
	Z85	Suspension Package, Handling/Trailering				
	NP8	Transfer case, electronic Autotrac				
	AG5	Seats, front reclining buckets				
	DL3	Mirrors, outside rearview 1 - Upgradeable to (DL3) Mirrors, vertical camp, outside rearview, manual folding, power heated or (DPN) Mirrors, vertical camp, 1 visible rearview. Is ordered.				□ ¹
	AG2	Seat adjuster, power				
	AN3	Seats, front power reclining full-feature buckets				
	**2	Seat trim, leather				
	UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer				
	UK3	Sound system feature, steering wheel mounted radio controls				
	P25	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm)				

2006 Chevrolet Truck Silverado 1500 INTERIOR

Free RPO Code	Ref Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. Cab	Ext. and Crew Cab
		1. Equipment Groups 1XT and 1LS available on CC15303 Models. 2. Equipment Group 2LS available on CC15543 Models. 3. Equipment Groups 1LT and 3LT available on CC15353, CC15553, and CC15543 Models. 4. Equipment Groups 1LT and 3LT available on CC15353, CC15553, and CC15543 Models.	1XT ¹	LS LS ²	LT ³ LT ³	LT ³ LT ³ LT ³ LT ³
		Air bags, front, driver and right front passenger. Includes Passenger Sensing System 1 - Always use safety belts and proper child restraints, secured in the proper way. See the Owner's Manual for more safety information.	S ¹	S ¹	S ¹	S ¹
	CJ3	Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger	S	S	S	-
	C42	Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-
	CJ2	Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Not available with Regular Models or (VTV) Snow Plow Prep Package.	-	-	A ¹	■
		Assist handle, front passenger 1 - Also includes outboard rear assist handle on Extended or Crew Cab Models.	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S
		Coat hook, driver side 1 - Also includes passenger side coat hook on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹
	DD7	Console, floor, includes storage compartment and dual cupholders	-	-	-	■
	DK7	Console, overhead mini, includes map lights 1 - Not available with (CFS) Sunroof, power.	-	-	■	■ ¹
	DK8	NEW! Console, overhead deluxe power. 1 - Included and only available with (CFS) Sunroof, power.	-	-	-	A ¹
	K34	Cruise control, electronic with set and resume speed. Includes telltale in instrument panel cluster	A	■	■	■
		Cupholders, front 1 - Also includes rear cupholders on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, 11 indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC15V03, CC15V01, CC15V31, CC15V33, CC15V35 and CC15V53. 2 - Equipment Group 2LS available on CC15V43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on CC15V33, CC15V53, and CC15V43 Models.	Reg. Truck 1WT ¹	LS LS ³	LT ¹ LT ¹ LT ¹	LT ¹ LT ¹ LT ¹
C49		Defogger, rear-window, electric 1 - Not available with (A28) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order types only. 2 - Not available with (A28) Window, rear sliding.	A ¹	A ²	A ²	A ²
AU3		Door locks, power 1 - Available with Fleet and Government order types only.	A ¹	A	A	A
		Driver Information Center, monitors numerous systems depending on vehicle equipment	S	S	S	S
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with CC15V43 Models. Not available with (A28) Medium Gray Leather interior trim.	S	-	A ¹	-
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B69) Floor covering, rubberized vinyl on Regular and Extended Cab Models.	A ¹	A	A ²	A
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S
AU0		Keyless entry, remote, includes 2 transmitters, panic button and contact theft alarm	-	S	S	S
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S
		Mirror, inside rearview, manual day/night	S	S	S	S
DF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	-	-

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC15V03, CC15V01, CC15V31, CC15V33, CC15V35 and CC15V53. 2 - Equipment Group 2LS available on CC15V43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on CC15V33, CC15V53, and CC15V43 Models.	Reg. Truck 1WT ¹	LS LS ³	LT ¹ LT ¹ LT ¹	LT ¹ LT ¹ LT ¹
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information 1 - Requires (UK3) Sound system feature, steering wheel controls and XM Satellite Radio. Not available with a ship-to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹
P08		OnStar Plus Package, includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires Extended or Crew Cab Models. - Package not available with (U2K) Sound system feature, XM Satellite Radio, or (UE1) OnStar. Not available with a ship-to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹
REQ		OnStar Plus Package discount not desired 1 - Requires Extended or Crew Cab Models. - Required when content within option package is ordered and entire package is not desired.	-	-	A ¹	A ¹
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S	S	S	S
	**V	Seat trim, vinyl	S	A	-	-
	**C	Seat trim, cloth	A	A	-	-
	**D	Seat trim, Custom Cloth	A	A	S	-
**2		Seat trim, leather 1 - Not available on Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl upholstery. Not available with front and rear leather appointed seating surfaces	-	-	-	A ¹
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints	S	A	-	-

2006 Chevrolet Truck Silverado 1500 INTERIOR

Free Flow RPO Code	Rel. Only RPO Code	Description	Reg. and Ext. Cab	Ext. Cab	Reg. Ext. Cab	Ext. and Crew Cab
		1. - Equipment Groups 1W1 and 1L3 available on CC15503, CC15510, CC15533, CC15535, and CC15533.3 2. - Equipment Group 2L3 is available on CC15533 Models. Not available for ordering until September 31st, 2005. 3. - Equipment Groups 1L1 available on all models. 4. - Equipment Groups 2L1 and 3L1 available on CC15153, CC15533, and CC15543 Models.	1W1	1L3	1L3	1L3
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restrainers and storage pockets on Extended and Crew Cab Models 1 - Requires ("D") Seat Infr, Custom Cloth.	■ ¹	S	■	-
AG5		Seats, front reclining buckets, dual adjustable head restrainers, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	-	-	■	-
AN3		Seats, front power reclining full-feature buckets, includes adjustable head restrainers, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	-	-	-	■
		Seats, rear bench, full width, folding, 3-passenger (includes child seat top tether anchor) 1 - Requires Extended or Crew Cab Models.	S ¹	S ¹	S ¹	S
AG1		Seat adjuster, power, driver 6-way, includes 10-way power lumbar, leather seating surfaces on Extended or Crew Cab Models. 2 - With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	A ¹	■ ²
AG2		Seat adjuster, power, front passenger 10-way, 1 - Includes 10-way power lumbar, (AN3) Seats, front power reclining full-feature buckets.	-	-	-	■ ¹
DN1		Regular production accessory, underseat storage, rear, lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging (SPO-supplied, dealer installed) 1 - Requires Extended Cab Models. - Not available with CC15553 Models. - With CC15553 Models not available with CC15553 Models. 2 - Requires Regular production accessory, Assist steps, accessory, Assist steps, Black coated lumbar, or (EN6) Model (folding, lockable.	A ¹	A ¹	-	A ¹
UM7		Sound system, ETR AM/FM stereo, includes seek-and-scan and digital dock.	S	-	-	-

Free Flow RPO Code	R/L Only RPO Codes	Description	Reg and Ext. Cab	Crew Cab	Reg. Ext. Crew Cab	Ext and Crew Cab	
		1 - Equipment Groups IVT and LT3 available on CC1553, CC1570, CC1573, CC1575, CC1583 and CC1593 2 - Equipment Group 21.3 available on CC1543 Model. Not available for ordering until September 1st, 2005. 3 - Equipment Groups LT available on all models. 4 - Equipment Groups 2LT and 3LT available on CC1573, CC1575, and CC1583 Models.	Week 1 TWT ¹	LT3 11.5 ²	LT3 20.5 ²	LT3 34.5 ²	
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS) 1 - Upgradeable to (UB1) Sound system, ETR AM/FM stereo with CD and cassette player, when (PDU) Extended and Crew Cab South-West LT Package 1 is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2 - Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer or (UB1) Sound system, ETR AM/FM stereo with 6-disc CD changer and (PDU) Extended and Crew Cab South-West LT Package 1 is ordered. - Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models.	A	■	S	□ ¹	□ ²
UB1		Sound system, ETR AM/FM stereo with CD and cassette player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, Theftlock, Radio Data System (RDS) and 4-speakers on Regular Cab and 6-speakers on Crew Cab Models (with bucket seats UB1) Includes Bose speaker system, Bose amplifier and Bose subwoofer) 1 - Requires (PDU) Extended and Crew Cab South-West LT Package or (PDU) Special Vehicle Shipment Uplift Package 2. 2 - Requires (PDU) Extended and Crew Cab South-West LT Package.	-	-	-	A ¹	A ²
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose subwoofer)	-	-	-	-	A
	UC5	Sound system feature, 4-speakers	S	S	-	-	-
	UC3	Sound system feature, audio speakers	-	-	S	■	-
	UC7	Sound system feature, Bose Premium speaker system	-	-	-	-	■
UZK		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music, news in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply. - Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500 INTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Group 1LT available on CC15V31, CC15V33, CC15V35, CC15V37, CC15V39 and CC15V41 Models. 2 - Equipment Group 2LS available on CC15S43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 3LT and 3LT available on all models. 4 - Equipment Groups 3LT and 3LT available on CC15V33, CC15V35, and CC15S43 Models.	Work Truck 1MT	1.5 2LS	1.7 2LT	1.7 2LT
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	-	-	A	A
UK6		Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media 1 - Requires Crew Cab Models.	-	-	-	■
U42		Entertainment system, rear seat, includes DVD player, LCD display and 2 wireless headphones 1 - Requires Crew Cab Models.	-	-	-	A ¹
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	-	-
XP5		Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	■	■
CF5		NEV1 Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1) Universal Home Remote	-	-	-	A
		Theft-deterrent system, PASSlock II	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S
UG1		Universal Home Remote 1 - Included and only available with (CF5) Sunroof, power.	-	-	-	A ¹
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S
A31		Windows, power, includes driver and passenger express-down	-	-	■	■
A28		Window, rear sliding, manual, deep-tinted 1 - Requires (A-J1) Glass, Solar-Ray deep tinted. - Requires (A-J1) Glass, Solar-Ray deep tinted, rear window, electric when ordered.	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500 EXTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC15V31, CC15V33, CC15V35, CC15V37, CC15V39 and CC15V41 Models. 2 - Equipment Group 2LS available on CC15S43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 3LT and 3LT available on all models. 4 - Equipment Groups 3LT and 3LT available on CC15V33, CC15V35, and CC15S43 Models.	Work Truck 1MT	1.5 2LS	1.7 2LT	1.7 2LT
PDG		Texas/Oklahoma/Louisiana LS Package, includes (A-J1) Glass, Solar-Ray deep tinted, (K47) Air cleaner, high capacity, (AU-3) Door locks, power programmable and (LJ3) Engine, Vortec 4300 V6 MFI 1 - Requires CC15V31, CC15V33, CC15V35, CC15V37, CC15V39 and CC15S43 Models. - Requires delivery to residents of TX/OK/LA and select counties in New Mexico, Kansas and Arkansas. - Requires and only available with (LJ3) Engine, Vortec 4300 V6 MFI. - Not available with Fleet or Government order types.	-	A ¹	-	-
PDJ		South-West LT Extended and Crew Cab Package, includes (K47) Air cleaner, high capacity, (T96) Fog lamps, (T-D) Seat trim, Custom Cloth and (UB1) Sound system, ETR AM/FM stereo with CD and cassette player (upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer) 1 - Requires CC15V33, CC15S53 or CC15S43 Models. - Not available with (T2) Seat trim, leather. - Not available with (LJ3) Engine, Vortec 4300 V6 MFI. - Requires delivery to residents in TX/OK/LA/CA/FL/IN/MN/VA and select counties in Mississippi, Alabama, Georgia, Kansas, Missouri, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia. - Delivery and installation charges will result in a charge back to the ORIGINAL invoicing dealer.	-	-	A ¹	A ¹
R7C		Residency based package override	-	A	-	A
R6X		Texas/Oklahoma/Louisiana Package discounts (PDG) or (PDJ) not desired	-	A	-	A

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC15703, CK15703, CC15753, CK15753, CC15853 and CK15853 Models. 2 - Equipment Group 2LS available on CC15543 Models. 3 - Crew seats for ordering until September 1st, 2005. 4 - Equipment Groups 1LT available on all models. 5 - Equipment Groups 2LT and 3LT available on CC15753, CK15753, and CC15853 Models.	Work Truck 1WT	LS LS	LT LT	LT LT
BVU		Regular production accessory. Assist steps, molded plastic. Black. These steps are dealer installed and shipped separately from the vehicle to the parts department with VIN identification on packaging (SPO-supplied, dealer installed). 1 - Requires Crew Cab Models.	-	A	A	A
PPB		Regular production accessory. Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed).	A	A	A	A
PUB		Regular production accessory. Pickup bed protectors. Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed). 1 - Not available with CC15543 or CC15853 Models. (E95) Regular production accessory. Tonneau cover, Black, cover, Black, hard, folding, lockable.	A	A	A	A
E95		Regular production accessory. Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed). 1 - Not available with (PUB) Regular production accessory. Pickup bed protectors, Top side rails, Black molded.	A	A	A	A
EN6		Regular production accessory. Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed). 1 - Not available with (PUB) Regular production accessory. Pickup bed protectors, Top side rails, Black molded. - When ordered on TK15923 Models, not available with (PUB) Regular production accessory. Underseat storage, rear, lockable. (BVE) Regular production accessory. Assist steps, chrome plated tubular. - When ordered on production accessory. Assist steps, Black coated tubular.	A	A	A	A

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC15703, CK15703, CC15753, CK15753, CC15853 and CK15853 Models. 2 - Equipment Group 2LS available on CC15543 Models. 3 - Crew seats for ordering until September 1st, 2005. 4 - Equipment Groups 1LT available on all models. 5 - Equipment Groups 2LT and 3LT available on CC15753, CK15753, and CC15853 Models.	Work Truck 1WT	LS LS	LT LT	LT LT
PCX		Special Vehicle Shipment Uplift Package 1 (Requires Ship-thru) 1 - Requires CC15703 Models. (LMT) Engine, Vortec 4800 V6, (M35) Transmission, 5-speed manual, (Z33) Suspension package, Solid Smooth ride, (G74) Rear axle, 3.73 ratio, (P79) Wheels, 4 x 17" x 7" (432 cm x 19.1 cm) 6-spoke, (A11) Glass, Solar-Ray deep tinted, (C49) Defogger, rear window, (A03) Door locks, (A03) Door locks, power windows and mirrors, (SFO) (SFC) Console, tool with reading lamp, (UB0) Sound system, ETR AM/FM stereo with CD player, (SFO) Sound system, color-keyed carpeting, (AET) Seats, front 6-way, (SFO) (SFO) (SFO) (SFO) (SFO) (SFO) Ship-thru to SVEA, and (68D) Interior Trim, Dark Charcoal, Custom Cloth. - Required options cannot be substituted or upgraded. For more information, please contact Joe Gibbs Performance at 877-547-2677.	-	A	-	-
PCX		Special Vehicle Shipment Uplift Package 2 (Requires Ship-thru) 1 - Requires CC15703 Models. (LMT) Engine, Vortec 5300 V6, (M35) Transmission, 4-speed automatic, (Z35) Suspension package, Solid Smooth ride, (G74) Rear axle, 3.73 ratio, (MNP) Cooling, external transmission oil cooler, auxiliary, (G60) Differential, locking, heavy-duty, rear, (P0U) Light Duty Power Package, (Z32) Trailering package, (P79) Wheels, 4 x 17" x 7" (432 cm x 19.1 cm) 6-spoke, chrome-style steel, (QPR) Tires, P245/70R17, (A03) Door locks, power windows and mirrors, (SFO) (SFC) Console, tool with reading lamp, (UB0) Sound system, ETR AM/FM stereo with CD player, (SFO) Sound system, color-keyed carpeting, (AET) Seats, front 6-way, (SFO) (SFO) (SFO) (SFO) (SFO) (SFO) Ship-thru to SVEA, and (68D) Interior Trim, Dark Charcoal, Custom Cloth. - Required options cannot be substituted or upgraded. For more information, please contact Joe Gibbs Performance at 877-547-2677.	-	-	A	-

2006 Chevrolet Truck Silverado 1500 EXTERIOR

[illegible]

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable										
*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.										
Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.										
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab				
		1 - Equipment Group 2LS available on CG1530, CK1503, CK1533, CA1573, CK1593 and CA1595 Models. 2 - Equipment Group 2LS available on C1543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 2LT and 3LT available on all models. CK1593 and G1594 Models.	Work Truck 1WT ¹	LS 2LS ¹	LT ¹ LT ¹	LT ¹ 3LT ¹				
K47		Air cleaner, high-capacity 1 - Included with (232) Trailering equipment, heavy-duty or (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹				
	KG3	Alternator, 145 amps	S	S	S	S				
	KW1	Alternator, 160 amps 1 - Included and only available with (VYU) Snow Plow Prep Package.	A ¹	A ¹	-	A ¹				
		Battery, heavy-duty, 600 cold-cranking amps, includes rundown protection and retained accessory power	S	S	S	S				
		Brakes, 4-wheel antilock, front hydraulic disc and rear drum	S	S	S	S				
KNP		Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil 1 - Requires (M30) Transmission, 4-speed automatic. - Included with (223) Trailering equipment. - Included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹				
G80		Differential, locking, heavy-duty, rear	A	A	A	A				
YF5		Emissions, California state requirements	A	A	A	A				
FE9		Emissions, Federal requirements	A	A	A	A				
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A				
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle). Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A	A				

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Crew Cab		Reg. Ext. and Crew Cab		Ext. and Crew Cab	
			Work Truck 1WT ¹	LS 1LS ¹	LS 2LS ¹	LT ¹	LT ¹	LT ¹	LT ¹	
		1 - Equipment Groups 1WT and 1LS available on CC15V31, CC15V33, CC15V35, CC15V37, CC15V39 and CC15V41 Models. 2 - Equipment Group 2LS available on C*15543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on CC15V31, CC15V33, and C*15543 Models.								
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1 - Requires (FE9) Emissions, Federal requirements.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1 - Requires (YF5) Emissions, California state requirements, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
K05		Engine block heater	A	A	A	A	A	A	A	A
LU3		Engine, Vortec 4300 V8 MFI (195 hp [145.4 kW] @ 4600 rpm, 260 lb.-ft. [351.0 N-m] @ 2800 rpm) 1 - Required and standard on C*15703, C*15803 and CC15V31 Models. - Not available with (VYU) Snow Plow Prep Package or (232) Trailering equipment. 2 - Only available with (PDJ) Extended and Crew Cab South-West LT Package on CC15V33 Models.	A ¹	A ¹	--	A ¹	--	A ²	--	--
LR4		Engine, Vortec 4800 V8 SFI (285 HP [212.3 kW] @ 5200 rpm, 295 lb.-ft. [398.2 N-m] @ 4000 rpm) 1 - Standard on CK15753 Models only. 2 - Not standard on C*15853 Models. Not available with C*15543 or C*15553 Models.	A ¹	A ¹	A ¹	S	■ ²	--	--	--
LM7		Engine, Vortec 5300 V8 SFI (295 HP [219.7 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Standard with C*15853 Models and included with (PDJ) Light Duty Power Package. - Not available on CC15V33 Models. 2 - Standard with C*15853, C*15553 and C*15543 Models only and included with (PDJ) Light Duty Power Package. Not available on CK15753 Models. 3 - Standard on CC15V33, CK15853, CK15553 and CK15543 Models only. - Not available with CK15753 Models. 4 - Standard with CC15V33, C*15853, C*15553 and C*15543 Models only. - Not available on CK15753 Models.	A ¹	A ¹	--	A ¹	--	A ²	■ ³	■ ¹
L33		NEVI ¹ Engine, Vortec 5300 V8 SFI, aluminum block with steel cylinder sleeves (310 HP [231.4 kW] @ 5200 rpm, 335 lb.-ft. [452.3 N-m] @ 4000 rpm) 1 - Requires CC15V33 Models and included with (PDJ) Light Duty Power Package.	A ¹	A ¹	--	A ¹	--	A ¹	■ ¹	■ ¹

2006 Chevrolet Truck Silverado 1500 MECHANICAL

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on C15V03, C15V03, C15V53, C15V53, C15V53 and C15V53 Models. 2 - Equipment Group 2LS available on C15S43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 3LT and 3LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15V53, C15V53, and C15S43 Models.	Work Truck V071	LS 2LS	L11 L12	L12 L13 3LT
B4V		Silverado Performance Edition, includes (L09) Engine, Vortec high-output 6000 V8 with "VortecMax" engine cover and door badge that reads "VortecMax". (N32) Transmission, 4-speed automatic, heavy-duty. (G14) Rear axle, 3.73 ratio, (Z80) Suspension Package, High-Performance, (G80) Differential, locking heavy-duty, rear, (NW7) Traction assist system, electronic, (KC4) Cooling, engine oil, (KNP) Cooling, external transmission oil cooler, (Z82) Trailering equipment, heavy-duty, (UK3) Sound system feature, steering wheel mounted radio controls, (QR9) Wheels, 4 - 20" x 8.5" cast aluminum, chromed, 5-spoke, (QSS) Tires, P265/55R20, touring, blackwall, (ZAN) Tire, spare P265/70R17, blackwall and 17" Wheel, steel, spare 1 - Requires C15V53 Models. Option content within this package is not available with (Z72) Paint, two-tone, (DPN) Mirrors, outside rearview, power adjustable, heated, manual (or only as an option) (Z6E) Special Limited Edition (only 1500) Special Equipment Options.	-	-	A ¹	A ¹
NZZ		Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1 - Requires 4WD Models. - Included with (Z71) Suspension Package, Off-Road or (VYU) Snow Plow Prep Package. 2 - Requires 4WD Models.	A ¹	A ¹	A ¹	A ¹
VYU		Snow Plow Prep Package, includes 10-amp power for backup and roof emergency light, (KW1) Alternator, 160-amp, high-flow front bumper, forward lamp wiring harness, 1.65" (42 mm) access hole with grommet in front of dash panel, instrument panel jumper wiring harness for electric trailer brake controller, includes (K47) Air cleaner, high capacity and (NZZ) Skid Plate Package 1 - Requires C15V03 Models. - Not available with (Z3X) Suspension Package, Ride-Control, (L13) Engine, Vortec 4300 V6 MPI, (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel, (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel. Also includes (KNP) Cooling, external transmission oil cooler, auxiliary when (M30) Transmission, automatic is ordered.	A ¹	-	A ¹	-
		Steering, power	S	S	S	S

2006 Chevrolet Truck Silverado 1500 MECHANICAL

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on C15V03, C15V03, C15V53, C15V53, C15V53 and C15V53 Models. 2 - Equipment Group 2LS available on C15S43 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 3LT and 3LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15V53, C15V53, and C15S43 Models.	Work Truck V071	LS 2LS	L11 L12	L12 L13 3LT
		Suspension, front, independent 1 - 2WD models include coil springs. - 4WD Models include torsion bars.	S ¹	S ¹	S ¹	S ¹
		Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	-	S ¹	S ¹
		1 - Standard on Regular and Extended Cab Models only. Suspension, rear, 3-stage springs 1 - Standard on Crew Cab Models only.	-	-	S ¹	S ¹
	Z83	Suspension Package, Solid Smooth Ride, includes 35mm piston twin tube shocks 1 - Not available with (PDU) Light Duty Power Package. 2 - Requires C15V03, C15V53 or C15S43 Models	S ¹	-	S ²	-
Z85		Suspension Package, Handling/Trailering, includes 36mm piston monoshock shocks 1 - Standard on C15S43 and C15S43 Models.	A	A	A ¹	A ¹
Z71		Suspension Package, Off-Road, includes 1.81" (46 mm) shocks, off-road jounce bumpers, stabilizer bars, (B71) Wheel flares, (NZZ) Skid Plate Package, and Z71 details on rear quarters 1 - Requires 4WD Models. - Requires (PDU) Light-Duty Power Package and (QJM) Tires, P265/70R17, on-off-road, White outlined/letter or (QJP) Tires, P265/70R17, on-off-road, blackwall.	-	-	A ¹	A ¹
ZX3		Suspension Package, Ride-Control, manual selectable, includes 2-position electronic control for shock setting and smooth-road/trailering 1 - Not available with (VYU) Snow Plow Prep Package or C15S43 Models or C15S43 Model unless (NHT) VortecMax Performance Pack is ordered.	-	-	A ¹	A ¹
NW7		Traction assist system, electronic 1 - Requires 2WD Models, (G80) Differential, locking heavy-duty, rear, and (M30) Transmission, 4-speed automatic. - Not available with (L13) Engine, Vortec 4300 V6 MPI or (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel. 2 - Requires 2WD Models and (G80) Differential, locking heavy-duty, rear. - Not available with (L13) Engine, Vortec 4300 V6 MPI or (L59) Engine, Vortec 5300 V8 SFI, Flexible Fuel.	-	A ¹	A ²	A ²

[illegible]

2006 Chevrolet Truck Silverado 1500 ENGINE/AXLE - Engine/Axle - Regular Cab

Model	Engine	Transmission				Axles				GVWR lbs. (kg)			
		M55 5-Speed Manual with OD	M30 4-Speed Automatic with OD	GUS 3.23	GU6 3.42	GT4 3.73	GT5 4.10	CSM 6100 6400 (2767) (2903)	CTH 6100 6400 (2767) (2903)				

2006 Chevrolet Truck Silverado 1500 ENGINE/AXLE - Engine/Axle - Extended Cab

Model	Engine	Transmission				Axles				GVWR lbs. (kg)			
		M30 4-Speed Automatic with OD	M70 4-Speed automatic	GUS 3.23	GU6 3.42	GT4 3.73	GT5 4.10	Q4B 6200 (2812)	C7H 6400 (2903)	CTK 6500 (2948)	C3J 6700 (3039)	C5H 6900 (3130)	

CC15553	LM7 Vortec 5300 V8 SFI	S	-	S	-	A	-	S	-	-	-	-	-
	LU3 Vortec 4300 V6 MFI	S	-	S	-	A	-	-	-	S	-	-	-
	LR4 Vortec 4800 V8 SFI	S	-	S	-	A	-	-	-	S	-	-	-
	LM7 Vortec 5300 V8 SFI	S	-	S	-	A	-	-	-	S	-	-	-
	LS9 Vortec 5300 V8 SFI	S	-	S	-	A	-	-	-	S	-	-	-
	LC9 Vortec high-output 6000 V8 SFI	-	A ³	-	-	-	A ³	A ³	-	-	-	-	-
	LR4 Vortec 4800 V8 SFI	S	-	S	-	A	-	-	-	-	S	-	-
	LM7 Vortec 5300 V8 SFI	S	-	S	-	A	-	-	-	-	S	-	-
	LS9 Vortec 5300 V8 SFI	S	-	S	-	A	-	-	-	-	S	-	-
	LC9 Vortec high-output 6000 V8 SFI	-	A ³	-	-	-	-	-	-	-	-	-	-
CK15753	LR4 Vortec 4800 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	S	-	-
	L33 Vortec 5300 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	S	-	-
	LS9 Vortec 5300 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	S	-	-
	LC9 Vortec high-output 6000 V8 SFI	-	A ³	-	-	-	-	A ³	-	-	-	-	-

2006 Chevrolet Truck Silverado 1500 ENGINE/AXLE - Engine/Axle - Extended Cab

Model	Engine	Transmissions		Axles					GVWR lbs. (kg)				
		M30 4-Speed Automatic with OD	M70 4-speed automatic	GU5 3.23	GU6 3.42	G14 3.73	G15 4.10	Q48 6200 (2812)	Q1H 6400 (2993)	C7K 6500 (2946)	C3J 6700 (3039)	C3H 6900 (3130)	C3H 6900 (3130)
CK1553	LR4 Vortec 4800 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	-	-	S
	LM7 Vortec 5300 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	-	-	S
	LS9 Vortec 5300 V8 SFI	S	-	-	S	A ²	A ¹	-	-	-	-	-	S
	Flexible Fuel	-	-	-	-	-	-	-	-	-	-	-	-
CK1553	LM7 Vortec 5300 V8 SFI	S	-	-	S	A ²	A ¹	-	S	-	-	-	-

1 - Requires (G80) Differential, locking, heavy-duty, rear.

2 - Requires Fleet or Government Order Types.

3 - Requires (NHT) VortecMax Performance Pack.

2006 Chevrolet Truck Silverado 1500 ENGINE/AXLE - Engine/Axle - Crew Cab

Model	Engine	Transmissions		Axles					GVWR lbs. (kg)				
		M30 4-Speed Automatic with OD	M70 4-speed automatic	GU5 3.23	GU6 3.42	G14 3.73	G15 4.10	CSU 6800 (3084)	CSN 6900 (3130)	CSW 7000 (3175)	CSW 7000 (3175)	CSW 7000 (3175)	CSW 7000 (3175)
CC15543	LR4 Vortec 4800 V8 SFI	S	-	S	-	-	-	-	-	-	-	-	-
	LM7 Vortec 5300 V8 SFI	S	-	S	-	A	-	-	-	-	-	-	-
	LO8 Vortec high-output 6000 V8 SFI ²	-	A ²	-	-	A ²	-	A ²	-	-	-	-	-
	LO9 Vortec high-output 6000 V8 SFI ²	-	-	-	-	-	-	-	-	-	-	-	-
CK15543	LR4 Vortec 4800 V8 SFI	S	-	-	-	S	-	-	-	-	-	-	S
	LM7 Vortec 5300 V8 SFI	S	-	-	S	A	A ¹	-	-	-	-	-	S
	LO8 Vortec high-output 6000 V8 SFI ²	-	A ²	-	-	-	-	-	-	-	-	-	-
	LO9 Vortec high-output 6000 V8 SFI ²	-	-	-	-	-	-	-	-	-	-	-	-

S = Standard Equipment A = Available - (dash) = Not Available

■ Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, (t) indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

1 - Requires (G80) Differential, locking, heavy-duty, rear.

2 - Requires (NHT) VortecMax Performance Pack.

2006 Chevrolet Truck Silverado 1500 COLOR AND TRIM - SOLID PAINT ZY1

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Color Level	Seat Type	Seat Code	Seat Trim	Tan	Dark Charcoal	Medium Gray
Work Truck/LS	Front 40/20/40 split-bench without fold-down armrest	AE7	Vinyl	52V	69V	--
Work Truck/LS	Front 40/20/40 split-bench without fold-down armrest	AE7	Cloth	52C	69C	--
Work Truck/LS/LT1	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D	69D	--
LT1	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather seating surfaces	522	692	922
LT2	Front power reclining buckets	A95	Custom Cloth	52D	69D	--
LT2	Front power reclining buckets	A95	Custom Leather seating surfaces	522	692	922
LT3	Front power reclining full-feature buckets	AN3	Custom Leather seating surfaces	522	692	922

Exterior Solid Paint	Color Code	Trim Up Paint Number	Tan	Dark Charcoal	Medium Gray
Sandstone Metallic	15U	WA-929L	A	A	A
NEW! Graystone Metallic	16U	WA-213M	A	A	A
Dark Blue Metallic	25U	WA-722J	A	A	A
Black	41U	WA-855S	A	A	A
NEW! Blue Granite Metallic	46U	WA-928L	A	A	A
Dark Green Metallic	47U	WA-9539	A	A	A
Summit White	50U	WA-8624	A	A	A
Silver Birch Metallic	59U	WA-926L	--	A	A
Sport Red Metallic ²	63U	WA-817K	A	A	A
Victory Red	74U	WA-926D	A	A	A

1 - Requires (B71) Wheel flares, front and rear.
 2 - Requires Crew Cab LS, LT1, LT2, or LT3 Models.

2006 Chevrolet Truck Silverado 1500 COLOR AND TRIM - SEO SOLID PAINT

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Color Level	Seat Type	Seat Code	Seat Trim	Tan	Dark Charcoal	Medium Gray
Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Cloth	52C	69C	--
Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Vinyl	52V	69V	--
LS	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D	69D	--
LS	Front power reclining buckets	A95	Custom Cloth	52D	69D	--
LS	40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather seat inserts	522	692	922
LS	Front power reclining buckets	A95	Custom Leather seat inserts	522	692	922
Z71	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D	69D	--
Z71	Front power reclining buckets	A95	Custom Cloth	52D	69D	--
Z71	Front power reclining buckets	A95	Custom Leather seating surfaces	522	692	922
Z71	Front reclining buckets (Extended Cab only)	AN3	Custom Leather seating surfaces	522	692	922
LT	Front reclining buckets (Extended Cab only)	AN3	Custom Leather seat inserts	522	692	922

Exterior Solid Paint	Color Code	Trim Up Paint Number	Tan	Dark Charcoal	Medium Gray
Yellow	none	WA-5248	A	A	A
Blue Metallic	none	WA-540S	A	A	A
Yellow	none	WA-544S	A	A	A
Yellow	none	WA-5456	A	A	A
Blue	none	WA-5663	A	A	A
Green - Low Gloss	none	WA-6237	A	A	A
Tan - Low Gloss	none	WA-6238	A	A	A
Blue	none	WA-7154	A	A	A
Blue Metallic	none	WA-7159	A	A	A
Gray Metallic	none	WA-784D	A	A	A

2006 Chevrolet Truck Silverado 1500 COLOR AND TRIM - SEO SOLID PAINT

Green	none	WA-7941	A	A	A	A
Green, Woodland	9V5	WA-9015	A	A	A	A
Ocean Tan	9V9	WA-9403	A	A	A	A
Orange	none	WA-9408	A	A	A	A
Yellow	none	WA-9414	A	A	A	A
Tanger Orange	9W4	WA-9417	A	A	A	A
Orange	none	WA-9419	A	A	A	A
Indigo Blue	none	WA-9792	A	A	A	A
Light Autumnwood Metallic	none	WA-2284	A	A	A	A
Wheatland Yellow	9W3	WA-2534	A	A	A	A
Dark Forester Red	none	WA-334D	A	A	A	A
Pewee	none	WA-382E	A	A	A	A
Blue	none	WA-769H	A	A	A	A
Orange	none	WA-770H	A	A	A	A
NEW! Green	none	WA-5756	A	A	A	A

All wheel liners will be Black
 SEO Paint TSK/TGL is not available with NYS 4-wheel steering.
 All SEO Special Paints are not available on Models CK15753 and CK15543.
 1500HD Model Displayed

2006 Chevrolet Truck Silverado 1500 COLOR AND TRIM - TWO-TONE PAINT 2Y2

		S = Standard Equipment A = Available - (dashes) = Not Available		■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable		*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2Y0 and 4YD Models or Rear wheel drive and All-wheel drive Models.	
Color Level	Seat Type	Seat Code	Seat Type	Dark Charcoal	Medium Gray		
L11	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	69D	-		
L11	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather seating surfaces	69Z	92Z		
L12	Front power reclining buckets	A95	Custom Cloth	69D	-		
L12	Front power reclining buckets	A95	Custom Leather seating surfaces	69Z	92Z		
L13	Front power reclining full-feature buckets	AN3	Custom Leather seating surfaces	69Z	92Z		

Example Two-Tone Paint	Upper Color Code	Touch Up Paint Number	Lower Color Code	Touch Up Paint Number	Interior		Body/Bed Sealing Color (inches color wheel option 871 is shown)
					Dark Charcoal	Medium Gray	
Dark Blue Metallic / Silver Birch Metallic	25U	WA-722J	59L	WA-926L	A	A	Silver Birch Metallic
Black / Silver Birch Metallic	41U	WA-8555	59L	WA-926L	A	A	Silver Birch Metallic
NEW! Blue Granite Metallic / Silver Birch Metallic	46U	WA-928L	59L	WA-926L	A	A	Silver Birch Metallic
Dark Green Metallic / Silver Birch Metallic	47U	WA-8539	59L	WA-926L	A	A	Silver Birch Metallic
Summit White / Silver Birch Metallic	50U	WA-8624	59L	WA-926L	A	A	Silver Birch Metallic
NEW! Silver Birch Metallic / Graystone Metallic	59U	WA-926L	16L	WA-213M	A	A	Dark Gray Metallic
Victory Red / Silver Birch Metallic	74U	WA-8260	59L	WA-926L	A	A	Silver Birch Metallic

Requires C-15753 or C-15553 Models.

1 - Requires (871) Wheel liners, front and rear.

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable						
*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.						
Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.						
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on CC1503, CK1503, CC1513, CK1513, CC1593 and CK1593 Models. 2 - Equipment Group 2LS available on CC1543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on CC1513, CK1513, and CC1543 Models.	Work Truck 1WT*	LS 1LS*	LS 1LT* 2LT*	LT7 3LT*
		Interior				
6C7		Console, roof with reading lamps (MSRP = \$55.00) Provides a short interior roof console with spot reading lamps and up-level headliner.	A	A	-	-
5B5		Power windows and mirrors (MSRP = \$738.00) Provides power driver and passenger windows on a base trim level. Includes SEO (5M1), LH and RH outside power adjustable, manual folding, non heated mirrors and up level door panels. The mirror head is the same size and configuration as the base power mirror on LT Decor. 1 - Requires RPO (AU3) Door locks, power. Power Mirrors can be upgraded to SEO (6P3) Camper Mirrors, remote control, power extendable, non-heated.	A ¹	A ¹	-	-
9U4		Remote keyless entry (MSRP = \$170.00) Provides remote keyless entry on LS Decor or Work Truck Decor pick-up trucks. Includes two transmitters, and deletes the lock cylinder on the right hand door. 1 - Requires RPO (AU3) Door locks, power and SEO (5B5) Power windows and mirrors. Not available with Models CC1503 or CC1543.	A ¹	A ¹	-	-
9U3		Seats, cloth bucket (MSRP = No Charge) with Work Truck and (MSRP = \$282.00) with LS Decor 1 - Requires Trim codes (63C) Dark Charcoal or (52C) Neutral. Not available with RPO (AG1) Seat adjuster, power, driver, 6-way.	A ¹	A ¹	-	-
9S1		Seats, vinyl bucket (MSRP = No Charge) with Work Truck and (MSRP = \$282.00) with LS Decor Driver and passenger front individual seats in vinyl trim (derived from AE7) 4020/40 Split Bench with center "20" section removed. Does not include manual lumbar. Seats are manual, not power. Does not include a floor or roof console. Standard vinyl rear seat with trim matching front seats will be provided on Extended Cabs. 1 - Requires Trim codes (63V) Dark Charcoal or (52V) Neutral. Not available with RPO (AG1) Seat adjuster.	A ¹	A ¹	-	-

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		<p>1 - Equipment Groups 1WT and 1LS available on CK1503, CK1503, CK1513, CK1513, CK1513 and CK1513</p> <p>2 - Equipment Group 2LS available on CK1543 Models. Not available for ordering until September 1st, 2005.</p> <p>3 - Equipment Groups 1LT and 3LT available on all models.</p> <p>4 - Equipment Groups 2LT and 3LT available on CK1513, CK1513, and CK1543 Models.</p>	Work Truck 1WT*	LS 1LS*	LS 1LS*	LT7 2LT*
9R3		Sound system, delete (MSRP = No Charge) Deletes the base sound system and provides a storage compartment and a driver alert chime-tone module. Retains the antenna and base speaker system.	A*	A*	-	-
		1 - Requires a Fleet sales order.	A*	A*	-	-
9R0		Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor	A*	A*	-	-
		AM/FM stereo with cassette and digital clock, no CD player. Replaces the base radio.	A*	A*	-	-
		1 - Requires a Fleet or Federal Government sales order. Not available on Models CK1543. Requires RPO (AE7) Seats, front 4020/40 split-bench on LS.	A*	A*	-	-
		Exterior				
9S3		Backup alarm (MSRP = \$103.00) 97 decibels back-up alarm.	A*	A*	-	A*
		1 - Requires RPO (Z39) Suspension Package, Solid Smooth Ride, RPO (Z71) Suspension Package, Off-Road Package, and RPO (Z71) Suspension Package. Not available with RPO (Z39) Suspension Package, Off-Road Package, and RPO (Z71) Suspension Package. Not available on Models CK1543 or CK1553. Not available with RPO (Z39) Suspension Package, Off-Road Package, and RPO (Z71) Suspension Package. Not available on Models CK1543 or CK1553.	A*	A*	-	A*
9E9		Bumper, front, painted White (MSRP = \$45.00) Provides a White painted front bumper in lieu of standard chrome.	A*	A*	-	-
		1 - Not available with RPO (VB3) Bumper, rear, chrome step.	A*	A*	-	-
9P3		Camper Mirrors, remote control, power extendable, non-heated (MSRP = W/A) 1 - Requires that RPO (AU3) Door locks, power and SEO (5B5) Power windows and mirrors must be ordered and priced in addition to SEO (6P3).	A*	A*	-	-
9R1		Decal delete, Pickup bed (MSRP = No Charge) Deletes the decals from the side of the Pickup bed on 4x4 Pickup trucks.	A*	A*	-	A*
		1 - Requires Models CK1503 or CK1513. Not available with SEO (8F2) Ornamentation, delete.	A*	A*	-	A*
9M4		Decal delete, tailgate (MSRP = No Charge) Deletes decal on tailgate of the Pick-up bed.	A*	A*	-	-
		1 - Requires RPO (E63) Pickup bed, Fleetside. Not available with SEO (8F2) Ornamentation, delete.	A*	A*	-	-

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on C15150, C15153, C15154, C15155, C15156 and C15157 Models. 2 - Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15153, C15155, and C15543 Models.	Work Truck 1WT	LS 2LS	LT1 LT2	LT3 LT4
TGK		Solid Paint SEO solid paint, one color required with SEO paint selection. May require an extended lead time.	A ¹	-	A ¹	A ¹
9L3		Spare tire delete (MSRP = \$45.00 Credit) Deletes the spare tire, wheel and carrier remain. 1 - Not available with RPO (B4V) Performance Engine Package on Model C15753. Not available on Models C15543.	A ¹	-	A ¹	A ¹
5Z4		Spare wheel and tire delete (MSRP = \$110.00 Credit) Deletes the spare tire, wheel and carrier that are base equipment. 1 - Requires RPO (EE3) Pickup bed, Fletslide box. Not available with RPO (SAF) Spare tire lock or RPO (B4V) Silverado Performance Edition on Model C15753. Not available on Models C15543.	A ¹	-	A ¹	A ¹
		Mechanical				
8B0		Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$215.00) Provides a 770 CCA main cranking battery with a 600 CCA auxiliary battery. Auxiliary battery has an isolator and is not wired to ignition. Auxiliary battery provides an auxiliary electrical power source. 1 - Not available on Models C15543, Vortec. Not available on Models C15543.	A ¹	-	A ¹	A ¹
7Y9		Battery, Single 770 CCA (MSRP = \$56.00) Provides a 770 CCA HD cranking battery. 1 - Not available on Models C15543.	A ¹	-	A ¹	A ¹
8T7		Half shaft boot for 4x4 (MSRP = \$150.00) Front-wheel driveshaft with a ballistic nylon Cordura protective cover on 4-wheel drive vehicles. Should be restricted to vehicles used in severe off-highway service. 1 - Requires Models K15553, K15703, K15753, K15803 and K15953.	A ¹	-	A ¹	A ¹
7Z1		Horn, High note (MSRP = \$20.00) High note horn in addition to the low note horn.	A	A	-	-

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab	Crew Cab	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment Groups 1WT and 1LS available on C15153, C15154, C15155, C15156, C15157 and C15753 Models. 2 - Equipment Group 2LS available on C15543 Models. Not available for ordering until September 1st, 2005. 3 - Equipment Groups 1LT available on all models. 4 - Equipment Groups 2LT and 3LT available on C15153, C15155, and C15543 Models.	Work Truck 1WT	LS 2LS	LT1 LT2	LT3 LT4
9L4		Power supply, 12 volt (MSRP = \$168.00) 12 volt direct power supply from the battery with two separate 30 amp fused circuits. Each circuit has a 30 amp mini fuse for both positive and ground to protect electrical accessories. Main supply lead has a 40 amp maxi-fuse. All fuses are serviceable. Provides either direct battery power or operation through the ignition system. Hook-up wire is provided under the passenger side glove box. Operational amperage is 21 amps each circuit; 28 amps total. Hook-up and operational instructions are provided. 1 - Requires RPO (Z23) Suspension Package, solid antiwhisker RPO (Z23) Suspension Package, Handling/Trailer or RPO (Z21) Suspension Package, off-road. Not available with RPO (Z23) Suspension Package. Not available on Models C15543. 2 - Requires RPO (Z23) Suspension Package, feature, XM Satellite Radio or RPO (UE1) OnStar. RPO (M55) Transmission, manual, or RPO (LU3) Engine, Vortec 4300 V6 MPI. Not available on Models C15543 or with RPO (WT1) Yoncalata Performance Pack.	A ¹	A ¹	-	A ¹
		Ship Thru Codes				
TRE		Ship Thru for Models C15153 (MSRP = \$80.00) Produced in Ft. Wayne Assembly and shipped to Ft. Wayne Fleet Equipment 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15153.	A ¹	A ¹	A ¹	A ¹
VAB		Ship Thru for Models C15153 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment	A	A	A	A
VAY		Ship Thru for Models C15153 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Mouning 1 - Not available on C15753 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹
VBK		Ship Thru for Models C15153 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment 1 - Not available on C15753 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹
VCM		Ship Thru for Models C15153 (MSRP = \$225.00) Produced in Ft. Wayne Assembly and shipped to NBC Truck Equipment 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15153.	A ¹	-	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

File RPO Code	Ref. Only Code	Description	Reg. and Est. Cab	Crew Cab	Reg. Est. Cab	Est. and Crew Cab
		1 - Equipment Group 1WT and 1LS available on CC15733, CK15733, CK15733, CC15553 and CK15553 Models. 2 - Equipment Group 2LS available on C15543 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 3LT and 3LT available on CC15733, CK15733 and C15543 Models.	1WT 1LS	LS LS	LT LT	LT LT
VDB		Ship Thru for Models C15703 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Monroe Truck Equipment (U01) Lamps, amber roof marker on Models C15703.	A ¹	-	A ¹	A ¹
VDE		Ship Thru for Models C15733 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Knaphide Truck Equipment. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15733.	A ¹	A ¹	A ¹	A ¹
VGH		Ship Thru for Models C15733 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Monroe Truck Equipment. 1 - Not available on CC15733 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹
VGZ		Ship Thru for Models C15733 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹
VPV		Ship Thru for Kern Industries (MSRP = WIA) Required for post plant assembly and 2nd stage optional content. Dealer Invoice only* charge for transportation costs to move vehicle from plant to 2nd stage activity and return vehicle to plant. 1 - Requires Models C15543. 2 - Requires Model CK15543.	-	-	A ¹	A ²
VSH		Ship Thru for Models CC15703 and CC15733 (MSRP = \$125.00) Produced in Fort Wayne Assembly and shipped to Specialty Vehicle Engineering of America. 1 - Required with RPO (PCX) Performance Uprift Package	-	A ¹	-	-
VTH		Ship Thru for Models C15703 (MSRP = \$145.00) Produced in Ft. Wayne Assembly and shipped to Midway. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15703.	A ¹	A ¹	-	A ¹
VTT		Ship Thru for Models C15733 (MSRP = \$240.00) Produced in Ft. Wayne Assembly and shipped to Buckeye Truck Equipment. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15733.	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500 SEO OPTIONS/SHIP THRU CODES

File RPO Code	Ref. Only Code	Description	Reg. and Est. Cab	Crew Cab	Reg. Est. Cab	Est. and Crew Cab
		1 - Equipment Group 1WT and 1LS available on CC15733, CK15733, CC15733, CC15553 and CK15553 Models. 2 - Equipment Group 2LS available on C15543 Models. 3 - Equipment Group 3LT available on all models. 4 - Equipment Group 3LT and 3LT available on CC15733, CK15733 and C15543 Models.	1WT 1LS	LS LS	LT LT	LT LT
VVB		Ship Thru for Models C15733 (MSRP = \$125.00) Produced in Ft. Wayne Assembly and shipped to Emmert Equipment. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15733.	A ¹	A ¹	A ¹	A ¹
VVG		Ship Thru for Models C15733 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Monroe Truck Equipment. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15733.	A ¹	A ¹	A ¹	A ¹
VWH		Ship Thru for Models C15733 (MSRP = \$220.00) Produced in Ft. Wayne Assembly and shipped to Masterack Truck Equipment. 1 - Not available with RPO (U01) Lamps, amber roof marker on Models C15733.	A ¹	A ¹	A ¹	A ¹
VWK		Ship Thru for Models C15903 (MSRP = \$500.00) Produced in Ft. Wayne Assembly and shipped to L-Z Trucking in St. Paul MN and returned to Janesville assembly for shipping to final destination. Available on all trim levels.	A	-	A	A
VWS		Ship Thru for Models CK15733, C15703 (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment. 1 - Not available on CC15733 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	-	A ¹	A ¹
VYC		Ship Thru for Models C15733 (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knaphide Truck Equipment. 1 - Not available on CC15733 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹
VYS		Ship Thru for Models C15733 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Masterack Truck Equipment. 1 - Not available on CC15733 Models, with RPO (LU3) Engine, 4300 V6 on Models C15903.	A ¹	A ¹	A ¹	A ¹

All dimensions in inches (mm) unless otherwise stated.

	Specifications	C-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500											
		2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD
		Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular
		Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab
		Standard	Long	Short	Standard	Long	Short	Standard	Long	Short	Standard	Long	Short
		Box	Box	Box	Box	Box	Box	Box	Box	Box	Box	Box	Box
A	Wheelbase	119.00 (3023)	134.00 (3403)	143.50 (3645)	157.50 (4000)	172.00 (4370)	186.50 (4738)	199.00 (5065)	213.50 (5438)	228.00 (5791)	242.50 (6155)	257.00 (6527)	271.50 (6948)
B	Overall length	205.70 (5225)	224.50 (5702)	230.20 (5847)	249.00 (6274)	263.50 (6699)	278.00 (7062)	292.50 (7428)	307.00 (7794)	321.50 (8180)	336.00 (8546)	350.50 (8932)	365.00 (9318)
C	Body width	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)
D	Overall height	71.20 (1808)	71.00 (1803)	71.20 (1808)	71.00 (1803)	71.20 (1808)	71.00 (1803)	71.20 (1808)	71.00 (1803)	71.20 (1808)	71.00 (1803)	71.20 (1808)	71.00 (1803)
	Head room, front	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)
	Head room, rear	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)
	Shoulder room, front	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)
	Shoulder room, rear	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)	65.30 (1658)
	Hip room, front	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
	Hip room, rear	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
	Leg room, front	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)
	Leg room, rear	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)
CA	Cab to axle	41.90 (1064)	55.90 (1420)	32.46 (824)	41.90 (1064)	55.90 (1420)	32.46 (824)	41.90 (1064)	55.90 (1420)	32.46 (824)	41.90 (1064)	55.90 (1420)	32.46 (824)
BA	Front bumper to axle	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)
	Rear bumper to axle	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)
IWR	Tailgate width, Fleetside	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)
BBC	Front bumper to back of	114.00 (2896)	114.00 (2896)	138.50 (3518)	138.50 (3518)	148.10 (3762)	148.10 (3762)	157.50 (4000)	157.50 (4000)	166.90 (4248)	166.90 (4248)	176.40 (4480)	176.40 (4480)

All dimensions in inches (mm) unless otherwise stated.

	Specifications	C-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500-C1500											
		2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD
		Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular	Regular
		Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab	Cab
		Standard	Long	Short	Standard	Long	Short	Standard	Long	Short	Standard	Long	Short
		Box	Box	Box	Box	Box	Box	Box	Box	Box	Box	Box	Box
	cab	(2896)	(2896)	(3518)	(3518)	(3518)	(3518)	(3518)	(3518)	(3518)	(3518)	(3518)	(3518)
GF	Ground to top of rear load floor	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)	31.60 (803)
ILF	Inside length, at floor, Fleetside	78.70 (1999)	97.60 (2479)	68.20 (1758)	78.70 (1999)	97.60 (2479)	68.20 (1758)	78.70 (1999)	97.60 (2479)	68.20 (1758)	78.70 (1999)	97.60 (2479)	68.20 (1758)
	Inside height, Fleetside	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)
	Inside width, at floor, Fleetside	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)
IWW	Inside width, between wheelhousing, Fleetside	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)
	Ground clearance, front	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)	8.00 (203)
	Ground clearance, rear	8.50 (216)	8.40 (213)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.30 (211)	8.10 (206)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

All dimensions in inches (mm) unless otherwise stated.

Specifications	F-150		F-250		F-350		F-450		F-550	
	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD
Wheelbase	119.00 (3023)	133.00 (3378)	134.00 (3404)	143.50 (3645)	157.50 (4000)	167.50 (4255)	173.00 (4396)	173.00 (4396)	173.00 (4396)	173.00 (4396)
Overall length	205.70 (5225)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)	224.50 (5702)
Body width	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)	78.50 (1994)
Overall height	73.80 (1872)	73.70 (1871)	73.50 (1871)	73.70 (1872)	73.70 (1872)	73.70 (1872)	73.70 (1872)	73.70 (1872)	73.70 (1872)	73.70 (1872)
Head room, front	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)
Head room, rear	—	—	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)
Shoulder room, front	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)	65.20 (1655)
Shoulder room, rear	—	—	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)
Hip room, front	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
Hip room, rear	—	—	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
Leg room, front	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)
Leg room, rear	—	—	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)
Cab to axle	41.90 (1064)	55.90 (1420)	32.46 (824)	41.90 (1064)	55.50 (1410)	41.90 (1064)	55.50 (1410)	41.90 (1064)	55.50 (1410)	41.90 (1064)
Front bumper to axle	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)	36.90 (937)
Rear bumper to axle	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)	47.00 (1194)	52.00 (1321)
Tailgate width, Fleetside	63.80 (1621)	63.80 (1621)	TBD	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)	63.80 (1621)
Front bumper to back of	114.00 (2896)	114.00 (2896)	138.50 (3518)	138.50 (3518)	148.10 (3750)	148.10 (3750)	148.10 (3750)	148.10 (3750)	148.10 (3750)	148.10 (3750)

All dimensions in inches (mm) unless otherwise stated.

Specifications	F-150		F-250		F-350		F-450		F-550	
	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD
Cab	28.90 (734)	28.90 (734)	35.10 (896)	35.10 (896)	35.10 (896)	35.10 (896)	35.10 (896)	35.10 (896)	35.10 (896)	35.10 (896)
Ground to top of rear load floor	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)
Inside length, at floor, Fleetside	78.70 (1999)	97.60 (2479)	89.20 (2276)	78.70 (1999)	97.60 (2479)	89.20 (2276)	78.70 (1999)	97.60 (2479)	89.20 (2276)	97.60 (2479)
Inside height, Fleetside	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)
Inside width, at floor, Fleetside	64.80 (1646)	60.20 (1529)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)
Inside width, between wheelhousing, Fleetside	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)
Ground clearance, front	8.40 (213)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)
Ground clearance, rear	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)	8.70 (221)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

2006 Chevrolet Truck Silverado 1500 SPECS - REGULAR CAB

	CC15703 2WD Regular Cab Standard Box	CC15903 2WD Regular Cab Long Box	CK15703 4WD Regular Cab Standard Box	CK15903 4WD Regular Cab Long Box
Specifications				
Front shock absorber diameter, in. (mm)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)
Front stabilizer bar diameter, in. (mm)	1.42 (36)	1.42 (36)	1.12 (28)	1.12 (28)
Rear shock absorber diameter, in. (mm)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)
Turning diameter, curb-to-curb, ft. (m)	40.1 (12.2)	43.8 (13.4)	40.7 (12.4)	44.5 (13.6)
Capacities				
Front axle, lbs. (kg)	3150 (1429)	3150 (1429)	3925 (1780)	3925 (1780)
Front spring capacity, lbs. (kg)	3476 (1577)	3739 (1696)	3925 (1780)	3925 (1780)
Rear axle, lbs. (kg)	3750 (1701)	3750 (1701)	3750 (1701)	3750 (1701)
Rear spring capacity, lbs. (kg)	3686 (1672)	3686 (1672)	3750 (1701)	3750 (1701)
Curb weight, lbs. (kg)	4211 (1910)	4348 (1972)	4508 (2045)	4634 (2102)
Cargo volume, cargo box, cu. ft. (liters)	56.9 (1611.4)	73.9 (2092.8)	56.9 (1611.4)	73.9 (2092.8)
Payload ¹ , lbs. (kg)	1889 (857)	2052 (931)	1892 (858)	1766 (801)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	6100 (2767)	6400 (2903)	6400 (2903)	6400 (2903)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	3150 (1429)	3150 (1429)	3925 (1780)	3925 (1780)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	3686 (1672)	3686 (1672)	3750 (1701)	3750 (1701)
Fuel capacity, approximate, gallon (liters)	26 (98)	34 (129)	26 (98)	34 (129)
Seating capacity (front/rear)	3	3	3	3

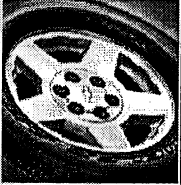
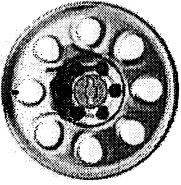
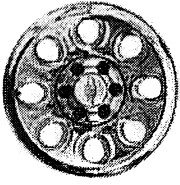
1. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.


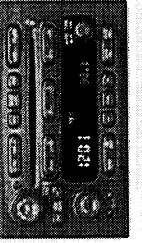
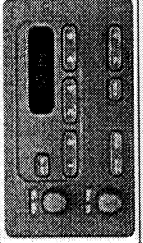
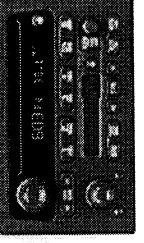
2006 Chevrolet Truck Silverado 1500 SPECS - EXTENDED CAB

	CC15553 2WD Extended Cab Short Box	CC15753 2WD Extended Cab Long Box	CK15553 4WD Extended Cab Short Box	CK15753 4WD Extended Cab Standard Box	CK15953 4WD Extended Cab Long Box
Specifications					
Front shock absorber diameter, in. (mm)	1.42 (36)	1.26 (32)	1.42 (36)	1.26 (32)	1.26 (32)
Front stabilizer bar diameter, in. (mm)	1.13 (29)	1.42 (36)	1.13 (29)	1.12 (28)	1.12 (28)
Rear shock absorber diameter, in. (mm)	1.42 (36)	1.26 (32)	1.42 (36)	1.26 (32)	1.26 (32)
Turning diameter, curb-to-curb, ft. (m)	44.0 (13.4)	46.6 (14.2)	50.4 (15.4)	47.3 (14.4)	51.1 (15.6)
Capacities					
Front axle, lbs. (kg)	3600 (1633)	3600 (1633)	3600 (1633)	3925 (1780)	3925 (1780)
Front spring capacity, lbs. (kg)	3739 (1696)	3739 (1696)	4416 (2003)	3925 (1780)	3925 (1780)
Rear axle, lbs. (kg)	3686 (1672)	3750 (1701)	3750 (1701)	3750 (1701)	3750 (1701)
Rear spring capacity, lbs. (kg)	3686 (1672)	3686 (1672)	3686 (1672)	3750 (1701)	3750 (1701)
Curb weight, lbs. (kg)	4760 (2159)	4625 (2098)	4894 (2220)	5050 (2291)	5232 (2373)
Cargo volume, cargo box, cu. ft. (liters)	49.6 (1404.7)	56.9 (1611.4)	73.9 (2092.8)	49.6 (1404.7)	73.9 (2092.8)
Payload ² , lbs. (kg)	1440 (653)	1575 (714)	1506 (683)	1350 (612)	1166 (530)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	5200 (2381)	6200 (2812)	6400 (2903)	6400 (2903)	6400 (2903)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	3600 (1633)	3600 (1633)	3600 (1633)	3925 (1780)	3925 (1780)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	3686 (1672)	3686 (1672)	3686 (1672)	3750 (1701)	3750 (1701)
Fuel capacity, approximate, gallon (liters)	26 (98)	26 (98)	34 (129)	26 (98)	34 (129)
Seating capacity (front/rear)	3/3	3/3	3/3	3/3	3/3

2. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

Specifications	CC15543 2WD Crew Cab Short Box	CM15543 4WD Crew Cab Short Box
Front shock absorber diameter, in. (mm)	1.61 (41)	1.61 (41)
Front stabilizer bar diameter, in. (mm)	1.42 (36)	1.13 (29)
Rear shock absorber diameter, in. (mm)	1.61 (41)	1.61 (41)
Turning diameter, curb-to-curb, ft. (m)	46.6 (14.2)	47.3 (14.4)
Capacities		
Front axle, lbs. (kg)	3650 (1656)	3925 (1780)
Front spring capacity, lbs. (kg)	4416 (2003)	3925 (1780)
Rear axle, lbs. (kg)	4000 (1814)	4000 (1814)
Rear spring capacity, lbs. (kg)	4000 (1814)	4000 (1814)
Curb weight, lbs. (kg)	4987 (2262)	5284 (2397)
Cargo volume, cargo box, cu. ft. (liters)	49.6 (1404.7)	49.6 (1404.7)
Payload ³ , lbs. (kg)	1913 (868)	1716 (778)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	6900 (3130)	7000 (3175)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	3650 (1656)	3925 (1780)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	4000 (1814)	4000 (1814)
Fuel capacity, approximate, gallon (liters)	26 (98)	26 (98)
Seating capacity (front/rear)	3/3	3/3
3. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.		

	P25 Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug polished cast aluminum, includes steel spare
	Wheels, 4 - 17" x 7" (43.2 cm x 17.8 cm) 6-lug steel, painted, includes painted center caps and steel spare
	PY9 Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-styled steel, includes chrome center caps and steel spare

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose subwoofer)
	UM7 Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock
	UB1 Sound system, ETR AM/FM stereo with CD and cassette player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS) and 4-speakers on Regular Cab and 6-speakers on Crew Cab Models (with bucket seats UB1 includes Bose speaker system, Bose amplifier and Bose subwoofer)

Option Code	Description
**2	Seat trim, leather
**C	Seat trim, cloth
**D	Seat trim, Custom Cloth
**V	Seat trim, vinyl
5B5	Power windows and mirrors (MSRP = \$738.00)
5C4	Provision for cab roof-mounted lamp (MSRP = \$103.00)
5M1	Mirror, exterior, power adjustable, manual folding, non-heated (MSRP = No Charge)
5X7	Provision for body mounted warning lamp (MSRP = \$98.00) Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp. 21 amp nominal rating.
5Y0	Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00) Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp. 21 amp nominal rating.
5Z4	Spare wheel and tire delete (MSRP = -\$110.00 Credit)
6C7	Console, roof with reading lamps (MSRP = \$55.00)
6F3	Camper Mirrors, remote control, power extendable, non-heated (MSRP = W/A)
7Y9	Battery, Single 770 CCA (MSRP = \$56.00)
7Z1	Horn, high note (MSRP = \$20.00)
8B0	Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$215.00)
8E9	Bumper, front, painted White (MSRP = \$45.00)
8F2	Ornamentation, delete (MSRP = No Charge) Upfitter option.
8S3	Backup alarm (MSRP = \$103.00) 97 decibels back-up alarm.
8T7	Half shaft boot for 4x4 (MSRP = \$150.00)
8V2	Jack and tools delete (MSRP = -\$32.00 Credit)
8X1	Label, fasten safety belts (MSRP = \$2.00)
9L3	Spare tire delete (MSRP = -\$45.00 Credit)
9L4	Power supply, 12 volt (MSRP = \$165.00)
9M4	Decal delete, tailgate (MSRP = No Charge)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor
9R1	Decal delete, Pickup bed (MSRP = No Charge)
9R3	Sound system, delete (MSRP = No Charge)
9S1	Seats, vinyl/bucket (MSRP = No Charge) with Work Truck and (MSRP = -\$282.00) with LS Decor
9U3	Seats, cloth bucket (MSRP = No Charge) with Work Truck and (MSRP = -\$282.00) with LS Decor
9U4	Remote keyless entry (MSRP = \$170.00)
9V5	Paints, solid (MSRP = No Charge), Woodland Green
9V9	Paints, solid (MSRP = No Charge), Doekin Tan
9W3	Paints, solid (MSRP = No Charge), Wheatland Yellow
9W4	Paints, solid (MSRP = No Charge), Tangler Orange
A28	Window, rear sliding
A31	Windows, power
A85	Seats, front reclining buckets
AE7	Seats, front 40/20/40 split-bench
AE7	Seats, front 40/20/40 split-bench, 3-passenger
AG1	Seat adjuster, power, driver 6-way
AG2	Seat adjuster, power
AJ1	Glass, Solar-Ray deep tinted

2006 Chevrolet Truck Silverado 1500 RPO CODES

Option Code	Description
AU3	Seats, front power reclining full-feature buckets
AU0	Keyless entry, remote
AU3	Door locks, power
B2E	Silverado Limited Edition
B30	Floor covering, color-keyed carpeting
B4V	Silverado Performance Edition
B71	Wheel flares
B85	Moldings, body-side
B89	Floor covering, rubberized vinyl
BVE	Regular production accessory, Assist steps, chrome plated tubular, stainless steel.
BVS	Regular production accessory, Assist steps, Black coated tubular, stainless steel.
BVU	Regular production accessory, Assist steps
C3J	GVWR, 6700 lbs. (3039 kg)
C42	Air conditioning delete, provides heater only
C49	Defogger, rear-window, electric
C5H	GVWR, 6900 lbs. (3130 kg)
C5M	GVWR, 6100 lbs. (2767 kg)
C5U	GVWR, 6800 lbs. (3084 kg)
C5W	GVWR, 7000 lbs. (3175 kg)
C7H	GVWR, 6400 lbs. (2903 kg)
C7K	GVWR, 6500 lbs. (2948 kg)
C85	Sunroof, power
CJ2	Air conditioning, dual-zone, automatic
CJ3	Air conditioning, dual-zone, manual
D07	Console, floor
D22	Mirrors, outside rearview, foldaway, manual, Black
D22	Mirrors, outside rearview, foldaway, manual, camper-style, Black
D55	Mirror, inside rearview
DK7	Console, overhead mini
DK8	Console, overhead deluxe
DL3	Mirrors, outside rearview
DL8	Mirrors, outside rearview, manual folding, power, heated, Black
DNH	Regular production accessory, underseat storage
DPN	Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending
E63	Pickup bed, Fleetside
E93	Regular production accessory, Tonneau cover, Black, soft.
EN6	Regular production accessory, Tonneau cover, Black, hard, folding, lockable.
FE9	Emissions, Federal requirements
G80	Differential, locking, heavy-duty, rear
G14	Rear axle, 3.73 ratio
G15	Rear axle, 4.10 ratio
GU5	Rear axle, 3.23 ratio
GU6	Rear axle, 3.42 ratio
K05	Engine block heater
K34	Cruise control
K47	Air cleaner, high-capacity
KG3	Alternator, 145 amps
KNP	Cooling, external transmission oil cooler

2006 Chevrolet Truck Silverado 1500 RPO CODES

Option Code	Description
KW1	Alternator, 160 amps
L33	Engine, Vortec 5300 V8 SFI
L59	Engine, Vortec 5300 V8 SFI
LM7	Engine, Vortec 5300 V8 SFI
LQ9	Engine, Vortec high-output 6000 V8 SFI
LR4	Engine, Vortec 4800 V8 SFI
LU3	Engine, Vortec 4300 V6 MFI
M30	Transmission, 4-speed automatic
M35	Transmission, 5-speed manual
MB8	Emissions override
NC7	Emissions override, Federal
NE1	Emissions, Maine, Massachusetts, New York or Vermont state requirements
NHT	VortecMax Performance Pack
NP2	Transfer case, floor-mounted shifter
NP5	Steering wheel, leather-wrapped rim
NP8	Transfer case, electronic Autotrac
NW7	Traction assist system, electronic
NZZ	Skid Plate Package
P25	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm)
PCX	Special Vehicle Shipment Uprft Package 1 (Requires Ship-thru)
PCX	Special Vehicle Shipment Uprft Package 2 (Requires Ship-thru)
PCX	Special Vehicle Shipment Uprft Package 3 (Requires Ship-thru)
PDB	OnStar Plus Package
PDG	Texas/Oklahoma/Louisiana LS Package
PDJ	South-West LT Extended and Crew Cab Package
PDU	Light Duty Power Package, includes (LM7) Engine
PPE	Regular production accessory, Pickup bed extender, brushed aluminum.
PUB	Regular production accessory, Pickup bed protectors, Top side rails, Black molded wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-styled steel
PY9	Wheels, 4 - 17" x 7.5" (43.2 cm x 19.1 cm) 6-lug chrome-styled steel
Q4B	GVWR, 6200 lbs. (2812 kg)
QJM	Tires, P265/70R17, on/off-road, White outlined-letter
QJP	Tires, P265/70R17, on/off-road, blackwall
QPO	Tires, P245/70R17 all-season, White outlined-letter
QPR	Tires, P245/70R17 all-season, blackwall
QVL	Tires, P265/70R17
QXR	Tires, LT245/70R17 all-terrain, blackwall
R6Q	OnStar Plus Package discount not desired
R6X	Texas/Oklahoma/Louisiana Package discounts (PDG) or (PDJ) not desired
R6Y	Light Duty Power Package discount not desired
R7C	Residency based package override
R7D	Wheel flares not desired
SAF	Spare tire lock
T96	Fog lamps, front
TGK	Solid Paint/SEO solid paint, one color
TR3	Grille, color-keyed surround
TRE	Ship Thru for Models C-15"-3 (MSRP = \$80.00)Produced in Ft. Wayne Assembly and shipped to Ft. Wayne Fleet Equipment
UZK	Sound system feature, XM Satellite Radio

2006 Chevrolet Truck Silverado 1500 RPO CODES

Option Code	Description
U42	Entertainment system, rear seat
UB0	Sound system, ETR AM/FM stereo with CD player
UB1	Sound system, ETR AM/FM stereo with CD and cassette player
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer
UE1	OnStar
UG1	Universal Home Remote
UK3	Sound system feature, steering wheel mounted radio controls
UK6	Sound system feature, rear audio controls
UM7	Sound system, ETR AM/FM stereo
UQ3	Sound system feature, audio speakers
UQ5	Sound system feature, 4-speakers
UQ7	Sound system feature, Bose Premium speaker system
UY2	Trailer wiring provisions, for camper, 3th wheel and gooseneck trailer
V43	Bumper, rear, painted step
V76	Recovery hooks, front, frame-mounted
VAB	Ship Thru for Models C*15**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment
VAY	Ship Thru for Models C*15**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Mounting
VB3	Bumper, rear, chrome step
VBK	Ship Thru for Models C*15**3 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment
VCL	Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle)
VCM	Ship Thru for Models C*15*03 (MSRP = \$225.00) Produced in Ft. Wayne Assembly and shipped to NBC Truck Equipment
VDB	Ship Thru for Models C*15*03 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Monroe Truck Equipment
VDE	Ship Thru for Models C*15**3 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Knapheide Truck Equipment
VF7	Bumper, rear, delete
VG3	Bumper, front, chrome
VGH	Ship Thru for Models C*15**3 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Monroe Truck Equipment
VGZ	Ship Thru for Models C*15**3 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield
VPV	Ship Thru for Kerr Industries (MSRP = W/A)
VSH	Ship Thru for Models CC15703 and CC15753 (MSRP = \$125.00) Produced in Fort Wayne Assembly and shipped to Specialty Vehicle Engineering of America
VTH	Ship Thru for Models C*15*03 (MSRP = \$145.00) Produced in Ft. Wayne Assembly and shipped to Midway
VTT	Ship Thru for Models C*15**3 (MSRP = \$240.00) Produced in Ft. Wayne Assembly and shipped to Buckeye Truck Equipment
VWB	Ship Thru for Models C*15**3 (MSRP = \$125.00) Produced in Ft. Wayne Assembly and shipped to Emmert Equipment
VWG	Ship Thru for Models C*15**3 (MSRP = \$165.00) Produced in Ft. Wayne Assembly and shipped to Monroe Truck Equipment
VWH	Ship Thru for Models C*15**3 (MSRP = \$220.00) Produced in Ft. Wayne Assembly and shipped to Masterack Truck Equipment
VWK	Ship Thru for Models C*15903 (MSRP = \$500.00) Produced in Ft. Wayne Assembly and shipped to L-Z Trucking in St. Paul MN and returned to Janesville assembly for shipping to

2006 Chevrolet Truck Silverado 1500 RPO CODES

Option Code	Description
VWS	final destination. Available on all trim levels. Ship Thru for Models CK15753, C*15*03 (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment
VYC	Ship Thru for Models C*15**3 (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knapheide Truck Equipment
VYS	Ship Thru for Models C*15**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Masterack Truck Equipment
VYU	Snow Plow Prep Package
YF5	Emissions, California state requirements
Z71	Suspension Package, Off-Road
Z82	Trailer equipment, heavy-duty
Z83	Suspension Package, Solid Smooth Ride
Z85	Suspension Package, Handling/Trailer
ZX3	Suspension Package, Ride-Control
ZY1	Paint, solid
ZY2	Paint, two-tone

2006 Chevrolet Truck Silverado 1500 TRAILERING SPECS - Manual Transmission
Ratings with Ball Hitch

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Manual Transmission Ratings with Ball Hitch					
Model	(LJ3) Vortec 4300 V6 MFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)
CC15703	3.23 4000 (1814)	3.23 4400 (1996)			
CC15903	3.23 3800 (1724)	3.23 4200 (1905)			
CK15703	3.73 4100 (1860)	3.73 5200 (2359)	3.42 5100 (2313)		
CK15903	3.73 4000 (1814)		3.73 5100 (2313)	4.10 6100 (2767)	3.42 4800 (2223)
				3.73 4900 (2223)	4.10 5900 (2676)

GVWR For Engine/Trailer Axle Ratio Combination with Manual Transmission			
Engine	8500 (3856)	9000 (4082)	10000 (4536)
(LJ3) Vortec 4300 V6 MFI	3.23	3.73	
(LR4) Vortec 4800 V8 SFI		3.23 ¹	3.73
(LR4) Vortec 4800 V8 SFI			3.42 ²
(LR4) Vortec 4800 V8 SFI			4.10

1 - Requires 2WD Models.
2 - Requires 4WD Models.

2006 Chevrolet Truck Silverado 1500 TRAILERING SPECS - Automatic Transmission
Ratings with Ball Hitch

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Automatic Transmission Ratings with Ball Hitch											
Model	(LJ3) Vortec 4300 V6 MFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)	(LR4) Vortec 4800 V8 SFI Axle Ratio Maximum Trailer Weight lbs. (kg)
CC15703	3.23 5000 (2268)	3.23 6400 (2903)									
CC15903	3.23 4800 (2177)	3.23 6200 (2812)	3.73 7400 (3357)	3.73 8400 (3810)							
CC15553		3.73 7200 (3266)	3.23 7000 (3175)								
CC15753	3.23 4600 (2087)	3.23 5900 (2676)	3.23 6900 (3130)	3.23 6900 (3130)							
CC15753 w/(B4V)											
CC15953		3.23 5800 (2631)	3.23 6800 (3084)	3.23 7800 (3538)							
CC15543											
CK15703	3.73 5100 (2313)	3.42 7100 (3221)	3.42 8100 (3674)	3.73 8100 (3674)							

2005 Chevrolet Truck Silverado 1500 TRAILERING SPECS - Automatic Transmission Ratings with Ball Hitch

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Engine	GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission				
	3500 (4309)	10000 (4536)	11000 (4990)	12000 (5443)	13000 (5897)
(L3) Vortec 4300 V6 MFI	3.23	3.73			
(L4) Vortec 4800 V8 SFI			3.23	3.73 ¹	
(L4) Vortec 4800 V8 SFI				3.42 ²	4.10 ²
(L7) Vortec 5300 V8 SFI				3.23	3.73
(L7) Vortec 5300 V8 SFI					3.42 / 3.73 ²
(L9) Vortec high-output 6000 V8 SFI					3.73

1 - Requires 2WD Models.
2 - Requires 4WD Models.

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Model	Automatic Transmission Ratings with Ball Hitch									
	(L3) Vortec 4300 V6 MFI	(L4) Vortec 4800 V8 SFI	(L4) Vortec 4800 V8 SFI	(L7) Vortec 5300 V8 SFI	(L7) Vortec 5300 V8 SFI	(L9) Vortec high-output 6000 V8 SFI	Axle Ratio	Maximum Trailer Weight lbs. (kg)	Axle Ratio	Maximum Trailer Weight lbs. (kg)
CK15903	3.73	5000 (2268)	3.42	6900 (3130)	3.42	7900 (3583)	3.42	7900 (3583)	3.42	7900 (3583)
				3.73	6900 (3130)	3.73	7900 (3583)	3.73	7900 (3583)	7900 (3583)
				4.10	7900 (3583)	4.10	8900 (4037)	4.10	8900 (4037)	8900 (4037)
							3.42	7700 (3493)	3.42	7700 (3493)
CK15753							3.73	7700 (3493)	3.73	7700 (3493)
							4.10	8700 (3946)	4.10	8700 (3946)
CK15953							3.42	6700 (3039)	3.42	6700 (3039)
							3.73	6700 (3039)	3.73	6700 (3039)
							4.10	7700 (3493)	4.10	7700 (3493)
							3.42	6500 (2948)	3.42	6500 (2948)
CK15543							3.73	6500 (2948)	3.73	6500 (2948)
							4.10	7500 (3402)	4.10	7500 (3402)

2006 Chevrolet Truck Silverado 1500 TRAILERING SPECS - Automatic or Manual Transmission Ratings with 5th Wheel

Maximum trailer ratings are calculated assuming standard equipped vehicle. driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 15 to 25% of the trailer weight is the recommended 5th Wheel or Gooseneck Kingpin load.

Automatic or Manual Transmission Ratings with 5th Wheel									
Model	LR4) Vortec 4800 V8 SFI Axle Ratio	Maximum Trailer Weight lbs. (kg)	LR4) Vortec 4800 V8 SFI Axle Ratio	Maximum Trailer Weight lbs. (kg)	LR4) Vortec 5300 V8 SFI Axle Ratio	Maximum Trailer Weight lbs. (kg)	LR4) Vortec 5300 V8 SFI Axle Ratio	Maximum Trailer Weight lbs. (kg)	LR4) Vortec 5300 V8 SFI Axle Ratio
CC15703	3.23	6400 (2903)			3.23	7400 (3357)			
	3.73	7400 (3357)			3.73	8400 (3810)			
CC15903	3.23	6200 (2812)			3.23	7200 (3256)			
	3.73	7200 (3256)			3.73	8200 (3720)			
CC15753	3.23	5900 (2676)			3.23	6900 (3084)			
	3.73	6900 (3084)			3.73	7900 (3583)			
CC15953	3.23	5800 (2631)			3.23	6800 (3084)			
	3.73	6800 (3084)			3.73	7800 (3531)			
CK15703			3.42	7100 (3221)			3.42	7300 (3311)	
			4.10	7300 (3311)			4.10	7500 (3383)	
CK15903			3.42	6900 (3130)			3.42	7100 (3190)	
			4.10	7100 (3190)			4.10	7300 (3262)	
CK15753			3.42	6700 (3039)			3.42	6900 (3130)	
			4.10	6900 (3130)			4.10	7100 (3190)	
CK15953			3.42	6100 (2767)			3.42	6300 (2857)	
			4.10	6300 (2857)			4.10	6500 (2947)	

GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission				
Engine	11000 (4990)	(GCWR) Gross Combination Weight Ratings lbs. (kg)	13000 (5897)	14000 (6350)
LR4) Vortec 4800 V8 SFI	3.23	3.73		
LR4) Vortec 4800 V8 SFI		3.42	4.10	
LR4) Vortec 5300 V8 SFI		3.23	3.73	
LR4) Vortec 5300 V8 SFI			3.42	4.10

1 - Requires 2WD Models.
2 - Requires 4WD Models.

2006 Chevrolet Truck Silverado				STANDARD EQUIPMENT			
1500HD							

2006 Chevrolet Truck Silverado **STANDARD EQUIPMENT**

2006 Chevrolet Truck Silverado **EQUIPMENT GROUPS**

Rd. Only RPO Code	Description	Crew Cab		
		L11 1LT ¹	L12 3S ¹	L13 3LT ¹
	Wipers, intermittent, front, w/et-arm with pulse washers	S	S	S
K66	Alternator, 105 amps	S	S	S
	Battery, heavy-duty, 600 cold-cranking amps, includes run-down protection and retained accessory power	S	S	S
	Brakes, 4-wheel antilock, 4-wheel disc	S	S	S
KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	S	S	S
KNP	Cooling, external transmission oil cooler, heavy-duty air-to-oil	S	S	S
	Cooling, internal transmission oil cooler, water-to-oil, integral to driver side of radiator tank	S	S	S
LQ4	Engine, Vortec 6000 V8 SFI (300 HP [223.8 kW] @ 4400 rpm, 360 lb.-ft. (486.5 N-m) @ 4000 rpm)	S	S	S
	Exhaust, aluminum stainless-steel muffler and tailpipe	S	S	S
C8P	GVWR, 8600 lbs. (3901 kg) (must specify)	S	S	S
GT4	Rear axle, 3.73 ratio	S	S	S
	Steering, power	S	S	S
Z8S	Suspension Package, Handling/Trailer, heavy-duty, includes 36mm piston monoleaf shocks	S	S	S
	Suspension, front, independent torsion bar and stabilizer bar	S	S	S
	Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	S	S
NP8	Transfer case, electronic Autotrac, includes push-button controls	S ¹	S ¹	S ¹
MT1	Transmission, 4-speed automatic, heavy-duty, electronically controlled oil cooler (Z83) Towing package, heavy-duty is ordered, transmission temperature gauge is included.	S ¹	S ¹	S ¹

Rd. Only RPO Code	Description	Crew Cab		
		L11 1LT ¹	L12 3LT ¹	L13 3LT ¹
CJ2	Air conditioning, dual-zone, automatic, individual climate settings for driver and front passenger	A	■	■
D07	Console, floor, includes storage compartment and dual cupholders	-	■	■
**2	Seat trim, leather appointed, front and rear	A	A	■
A95	Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	-	■	-
AN3	Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 10-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	-	-	■
AG1	Seat adjuster, power, driver 6-way 1 - Included with (C2) Seat trim, leather appointed, front and rear. 2 - With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	A ¹	■	■ ²
AG2	Seat adjuster, power, front passenger 10-way reclining full-feature buckets.	-	-	■ ¹
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 8-speakers, Bose amplifier and Bose Subwoofer)	-	A	■
UC3	Sound system feature, audio speakers	■	-	-
UC7	Sound system feature, Bose Premium speaker system	-	■	■
UC6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media	-	■	■
UK3	Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	A	A	■
T96	Fog lamps, front, halogen 1 - With 2WD Models, requires (Y76) Recovery hooks, front, frame-mounted.	A ¹	■	■

2006 Chevrolet Truck Silverado 1500HD			EQUIPMENT GROUPS				
Free Flow RPO Code	Ref. Only RPO Code	Description	Crew Cab				
		1 - Equipment group LT, LT 2LT and 3LT available on CC15743 and CK15743 Models.	LT1 LT1*	LT2 LT1*	LT3 LT1*		
DL3		Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto-dimming), and turn signal in glass 1 - Curb-lift feature requires (UK3) Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). 2 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview. - Includes curb-lift when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	A ¹	A ¹		□ ²	
	B85	Moldings, body-side, color-keyed, with bright insert 1 - Refer to Color and Trim Chart for compatibility.	■ ¹	■ ¹		■ ¹	
V76		Recovery hooks, front, frame-mounted 1 - Standard with 4WD Models only.	A ¹	■ ¹		■ ¹	
PY0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	A	A		■	

2006 Chevrolet Truck Silverado 1500HD				EQUIPMENT GROUPS			
S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility. *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. Codes listed in the shaded column titled Ref. Only. RPO Codes are for internal use only and should not be ordered.							
Free Flow RPO Code	Ref. Only RPO Code	Description	Crew Cab			LT9 LT1*	
			LT1 LT1*	LT2 LT1*	LT3 LT1*		
CJ2		1. Equipment group LT1, LT2 and LT3 available on CC15743 and CK15743 Models.					
		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger	A	■	■	■	
	D07	Console, floor, includes storage compartment and dual cupholders	--	■	■	■	
	**2	Seat trim, leather appointed, front and rear	A	A	■	--	
AN3	A95	Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	--	■	■	--	
		Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	--	--	--	■	
	AG1	Seat adjuster, power, driver 6-way 1 - Included with (**2) Seat trim, leather appointed, front and rear. 2 - With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	A ¹	■	■	■ ²	
AG2		Seat adjuster, power, front passenger 10-way 1 - Included and only available with (AN3) Seats, power reclining full-feature buckets.	--	--	--	■ ¹	
	UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 8-speakers, Bose amplifier and Bose Subwoofer)	--	A	A	■	
UC3		Sound system feature, audio speakers	■	--	--	--	
	UC7	Sound system feature, Bose Premium speaker system	--	■	■	■	
	UX6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media	--	■	■	■	
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	A	A	A	■	
V96		Fog lamps, front, halogen 1 - With 2WD Models, requires (V76) Recovery hooks, front, frame-mounted.	A ¹	■	■	■	

2006 Chevrolet Truck Silverado 1500HD	EQUIPMENT GROUPS
--	-------------------------

ADDITIONAL OPTIONS						
File Flow RPO Code	Bed Only RPO Code	Description	Crew Cab			
		1. Equipment group 1L, 1L1 and 1L1 available on CC15743 and CC15744	L1 1L1*	L2 2L1*	L3 3L1*	
UC6		Sound system, ETR, AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 8-speakers, Bose amplifier and Bose Subwoofer)	—	A	■	
U42		Entertainment system, rear seat, includes DVD player, LCD display and 2 wireless headphones	—	A	A	
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal	A*	A*	A*	

Available only in the 48 contiguous

UX3	Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	A	A	■
CF5	NEW! Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1) Universal Home Remote	-	A	A
A28	Window, rear sliding, manual, deep-tinted 1. Deletes (C49) Defogger, rear-windew, electric when ordered.	A ¹	A ¹	A ¹
T36	Fog lamps, front, halogen 1. With 2WD Models, requires (V76) Recovery hooks, front frame-mounted.	A ¹	■	■
U01	Lamps, amber roof marker 1. Not available with (Y75) Emissions, California state requirements.	A ¹	A ¹	A ¹
DL3	Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto-dimming), and turn signal in glass 1. Curb-side feature requires (UX3) Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC), 2. Upgradable to (DPN) Mirrors, vertical camper, outside rearview, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated). mounted radio controls is ordered.	A ¹	A ¹	D ²
DPN	NEW! Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	A	A	A
V76	Recovery hooks, front, frame-mounted 1. Standard with 4WD Models only.	A ¹	■ ¹	■ ¹
BVE	Regular production accessory, Assist steps, chrome plated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installs)	A	A	A

2006 Chevrolet Truck Silverado
1500HD

2006 Chevrolet Truck Silverado
1500HD

ADDITIONAL OPTIONS						
File Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1LT, 2LT and 3LT available on CC15743 and CK15743 Models	Core Cds			
			2LT 1LT	1LT 2LT	1LT 3LT	
BVS		Regular production accessory, Assist steps, Black coated tubular, stainless steel. Designed to match the black vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	
PPB		Regular production accessory, Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	
PUB		Regular production accessory, Pickup bed protectors, Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (E95) Regular production accessory, Tonneau cover, hard. 1 - Not available with (E95) Regular production accessory, Tonneau cover, Black, soft or (EN6) Regular production accessory, Tonneau cover, Black, hard.	A ¹	A ¹	A ¹	
ES5		Regular production accessory, Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded.	A ¹	A ¹	A ¹	
EN6		Regular production accessory, Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded.	A ¹	A ¹	A ¹	
SAF		Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door	A	A	A	
QIW		Tires, LT245/75R16E on-/off-road, blackwall 1 - Includes (ZHH) Tire, spare, LT245/75R16E, all-season blackwall.	A ¹	A ¹	A ¹	
PV0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	A	A	■	
K47		Air cleaner, high-capacity 1 - Included with (Z83) Trailering equipment, heavy-duty.	A ¹	A ¹	A ¹	
KL5		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas	A	A	A	
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps	A	A	A	
G80		Differential, locking, heavy-duty, rear	A	A	A	
YF5		Emissions, California state requirements	A	A	A	
FE9		Emissions, Federal requirements	A	A	A	

ADDITIONAL OPTIONS						
File Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1LT, 2LT and 3LT available on CC15743 and CK15743 Models.	Crew Cab			
			LT1 1LT ¹	LT2 2LT ¹	LT3 3LT ¹	
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A
VCL		Emissions Certification, OFF (Clean Fuel Fleet) LEV (Low Emission Vehicle). Option (VCL) should ONLY be ordered to receive the OFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be OFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A		A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal Emissions) 1 - Requires (FE9) Emissions, Federal requirements.	A ¹	A ¹		A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1 - Requires (YF5) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹		A ¹
K05		Engine block heater	A	A	A	A
GT5		Rear axle, 4.10 ratio	A	A		A
NZZ		Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1 - Requires 4WD Models.	A ¹	A ¹		A ¹
Z82		Trailering equipment, heavy-duty, includes trailering hitch platform, 7-wire harness (harness includes wires for: park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailering circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity	A	A		A
UY2		Trailering wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness 1 - Requires (Z82) Trailering equipment, heavy-duty.	A ¹	A ¹		A ¹

2006 Chevrolet Truck Silverado 1500HD INTERIOR									
Free Flow RPO Code	Ref. Only RPO Code	Description	Crew Cab						
		1. Equipment group LT, LTZ and 3LT available on CC15743 and CK15743 Models.	LT1 3LT ¹	LT2 3LT ¹	LT3 3LT ¹				
	DFS	Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	S	S	S				
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling Service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information 1. Requires (UK3) Sound system feature, steering wheel mounted controls. Not available with a ship-to of Puerto Rico or the Virgin Islands. Visit www.onstar.com for system information and details.	A ¹	A ¹	A ¹				
PDB		OnStar Plus Package, includes (UE1) OnStar, and (UK3) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 2. Package does not include (UK3) Sound system feature, XM Satellite Radio, or XM Satellite Radio. Not available with a ship-to of Puerto Rico or the Virgin Islands.	A ¹	A ¹	A ¹				
RQ		OnStar Plus Package discount not desired 1. Required when content within option package is ordered and entire package is not desired.	A ¹	A ¹	A ¹				
		Power outlets, auxiliary, covered, dash-mounted, 12-volt	S	S	S				
	**D	Seat trim, Custom Cloth	S	S	S				
	**2	Seat trim, leather appointed, front and rear	A	A	A				
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets	S	-	-				
A95		Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	-	■	-				
A13		Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	-	-	■				
		Seats, rear 60/40 split-bench, flat folding, 3-passenger (includes child seat top tether anchor)	S	S	S				
AG1		Seat adjuster, power, driver 6-way 1. Included with (**2) Seat trim, leather appointed, front and rear. 2. With (A13) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	A ¹	■	■ ²				
AG2		Seat adjuster, power, front passenger 10-way power reclining full-feature buckets, available with (A13) Seats, power reclining full-feature buckets.	-	-	■ ¹				

2006 Chevrolet Truck Silverado 1500HD INTERIOR									
Free Flow RPO Code	Ref. Only RPO Code	Description	Crew Cab						
		1. Equipment group LT, LTZ and 3LT available on CC15743 and CK15743 Models.	LT1 3LT ¹	LT2 3LT ¹	LT3 3LT ¹				
	UBO	Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, Radio Data System (RDS) and 6-speakers	S	S	-				
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 8-speakers, Bose amplifier and Bose Subwoofer)	-	A	■				
	UQ3	Sound system feature, audio speakers	■	-	-				
	UQ7	Sound system feature, Bose Premium speaker system	-	■	■				
UA2		Entertainment system, rear seat, includes DVD player, LCD display and 2 wireless headphones	-	A	A				
	UK6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media	-	■	■				
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1. Subscription fees apply. - Available only in the 48 contiguous U.S.	A ¹	A ¹	A ¹				
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC) (provides access to enhanced Driver Information Center features and information)	A	A	■				
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S	S	S				
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	S	S	S				
CF5		NEW! Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1) Universal Home Remote	-	A	A				
		Theft-deterrent system, PASSLOCK II	S	S	S				
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S				
	UG1	Universal Home Remote 1. Included and only available with (CF5) Sunroof, power.	-	A ¹	A ¹				
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S				
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S				
	A31	Windows, power, includes driver and passenger express-down	S	S	S				

2006 Chevrolet Truck Silverado 1500HD INTERIOR

Ref. Flow RPO Code	Description 1 - Equipment group LT, LTZ and SLT available on CC15743 and CK15743 Models.	LTZ LT*	LTZ SLT*	LTZ SLT*
A28	Window, rear sliding, manual, deep-tinted 1 - Deletes (C48) Defogger, rear-window, electric when ordered.	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 1500HD EXTERIOR

Ref. Flow RPO Code	Description 1 - Equipment group LT, LTZ and SLT available on CC15743 and CK15743 Models.	LTZ LT*	LTZ SLT*	LTZ SLT*
<p>S = Standard Equipment A = Available (dash) = Not Available</p> <p>■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>				
	Air dam, Gray	S	S	S
VG3	Bumper, front, chrome, with Gray lower	S	S	S
VB3	Bumper, rear, chrome step, includes pad	S	S	S
	Daytime running lamps, includes automatic exterior lamp control	S	S	S
T96	Fog lamps, front, halogen 1 - with 2WD Models, requires (V76) Recovery hooks, front, frame-mounted.	A ¹	■	■
	Glass, Solar-Ray light tinted, all windows	S	S	S
AL1	Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) (includes light-tinted rear window)	S	S	S
TR3	Grille, chrome surround, with chrome accent bar	S	S	S
	Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S
U01	Lamps, amber roof marker 1 - Not available with (V76) Emissions, California state requirements.	A ¹	A ¹	A ¹
	Lamps, dual cargo area lamps	S	S	S
DL8	Mirrors, outside rearview, manual folding, power, heated, Black	S	S	-
DL3	Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto-dimming), and turn signal in glass 1 - Cuts-off feature requires (UK3) Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC), 2 - upgradeable to (DPN) Mirrors, vertical camper, outside rearview, mounted radio controls is ordered	A ¹	A ¹	□ ²
DPN	NEW! Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	A	A	A
B85	Moldings, body-side, color-keyed, with bright insert 1 - Refer to Color and Trim Chart for compatibility.	■ ¹	■ ¹	■ ¹
ZY1	Paint, solid	S	S	S
E63	Pickup bed, Fleetside box	S	S	S
V76	Recovery hooks, front, frame-mounted 1 - Standard with 4WD Models only.	A ¹	■ ¹	■ ¹

2006 Chevrolet Truck Silverado 1500HD				EXTERIOR			
File Flow RPO Code	Ref. Only RPO Code	Description	Cover Cds				
		1 - Equipment group 1LT, 2LT and 3LT available on CC15743 and CK15743 Models.	LT1 1LT	LT2 2LT	LT3 3LT		
BVE		Regular production accessory. Assist steps, chrome plated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	
BVS		Regular production accessory. Assist steps, Black coated tubular, stainless steel. Designed to match the black vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	
PPB		Regular production accessory. Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A	A	A	A	
PUB		Regular production accessory. Pickup bed protectors. Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (E55) Regular production accessory, Tonneau cover, Black, soft or (E56) Regular production accessory, Tonneau cover, Black, hard.	A ¹	A ¹	A ¹	A ¹	
E55		Regular production accessory. Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors. Top side rails, Black molded.	A ¹	A ¹	A ¹	A ¹	
EN6		Regular production accessory. Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors. Top side rails, Black molded.	A ¹	A ¹	A ¹	A ¹	
SAF		Tire carrier, outside spare, lockable, winch-type mounted under frame at rear	S	S	S	S	
		Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door	A	A	A	A	
QIW	QIZ	Tires, LT245/75R16E, all-season, blackwall Tires, LT245/75R16E, on/off-road, blackwall 1 - Includes (ZHH) Tire, spare, LT245/75R16E, all-season blackwall.	S	S	S	S	
		Tires, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug chrome-styled steel, includes chrome center caps and steel spare	A ¹	A ¹	A ¹	A ¹	
PY0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	S	S	S	-	
		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	A	A	A	■	
	BT1	Wheel flares, front and rear	S	S	S	S	
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S	

2006 Chevrolet Truck Silverado 1500HD

MECHANICAL

S = Standard Equipment A = Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models and Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.

File Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group LT, LT1 and 3LT available on CC15743 and CK15743 Models.	Crew Cab		
			LT1 LT1*	LT2 LT2*	LT3 LT3*
K47		Air cleaner, high-capacity 1 - Included with (Z82) Trailering equipment, heavy-duty.	A ¹	A ¹	A ¹
KL5		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas	A	A	A
	K53	Alternator, 105 amps	S	S	S
		Battery, heavy-duty, 600 cold-cranking amps, includes rundown protection and retained accessory power	S	S	S
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps	A	A	A
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	S	S	S
	KNP	Cooling, external transmission oil cooler, heavy-duty air-to-oil	S	S	S
		Cooling, internal transmission oil cooler, water-to-oil, integral to driver side of radiator tank	S	S	S
G80		Differential, locking, heavy-duty, rear	A	A	A
YF5		Emissions, California state requirements	A	A	A
FE9		Emissions, Federal requirements	A	A	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle). Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1 - Requires (FE9) Emissions, Federal requirements.	A ¹	A ¹	A ¹

2008 Chevrolet Truck Silverado 1500HD MECHANICAL

Item Flow RPO Code	Part Only Code	Description	Cross Class		
		1 - Equipment group 1LT, 2LT and 3LT available on CC15743 and CK15743 Models.	1LT 1LT ¹	2LT 2LT ¹	3LT 3LT ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in order different state-specific emissions) 1 - Requires (Z23) Trailing package, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹
K05		Engine block heater	A	A	A
	LC4	Engine, Vortec 6000 V6 SFI, (300 HP [223.8 kW] @ 4400 rpm, 360 lb.-ft. [486.6 N-m] @ 4000 rpm)	S	S	S
		Exhaust, aluminumized stainless-steel muffler and tailpipe	S	S	S
	GP	GVWR, 8600 lbs. (3901 kg) (must specify)	S	S	S
	G14	Rear axle, 3.73 ratio	S	S	S
	G15	Rear axle, 4.10 ratio	A	A	A
NZZ		Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1 - Requires 4WD Models.	A ¹	A ¹	A ¹
		Steering, power	S	S	S
	Z85	Suspension Package, Handling/Trailing, heavy-duty, includes 36mm piston monole shocks	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S
		Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	S	S
Z82		Trailing equipment, heavy-duty, includes trailing hitch platform, 7-wire harness (harness includes wires for park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailing circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity	A	A	A
UY2		Trailing wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness 1 - Requires (Z23) Trailing equipment, heavy-duty.	A ¹	A ¹	A ¹
	NP8	Transfer case, electronic Autotrac, includes push-button controls 1 - Standard with 4WD Models only.	S ¹	S ¹	S ¹
	MT1	Transmission, 4-speed automatic, heavy-duty, electronically controlled with override, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1 - Vites, (Z23) Trailing package, heavy-duty is ordered, transmission temperature gauge is included.	S ¹	S ¹	S ¹

2008 Chevrolet Truck Silverado 1500HD ENGINE/AXLE

Model		Engine		Transmission		Axle		GVWR Rpt. (kg)	
				MT1 4-Speed Automatic with OD		G14 3.73		G15 4.10 (3901)	
CC15743		LC4 Vortec 6000 V6 SFI		S		S		A	
CK15743		LC4 Vortec 6000 V6 SFI		S		S		A	

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

2006 Chevrolet Truck Silverado 1500HD COLOR AND TRIM - SOLID PAINT ZY1

Decor Level	Seat Type	Seat Code	Interior		
			Tan	Dark Charcoal	Medium Gray
LT1	Front 40/20/40 reclining split-bench with fold down armrest	AE7	52D	69D	--
LT1	Front 40/20/40 reclining split-bench with armrest	AE7	52D	69D	92D
LT2	Front power buckets	A95	52D	69D	--
LT2	Front power buckets	A95	52D	69D	92D
LT3	Front power reclining full-feature buckets	AN3	52D	69D	92D

Exterior Solid Paint	Color Code	Touch-Up Paint Number	Interior		
			Tan	Dark Charcoal	Medium Gray
NEW! Graystone Metallic	16U	WA-213M	A	A	A
Dark Blue Metallic	25U	WA-722J	A	A	A
Black	41U	WA-8555	A	A	A
Summit White	50U	WA-8624	A	A	A
Silver Birch Metallic	58U	WA-926L	--	A	A
Sport Red Metallic	63U	WA-817K	A	A	A
Victory Red	74U	WA-9260	A	A	A

Above interior trim combinations are the only combinations allowed.

2006 Chevrolet Truck Silverado 1500HD COLOR AND TRIM - SEO SOLID PAINT

Decor Level	Seat Type	Seat Code	Seat Trim		
			Tan	Dark Charcoal	Medium Gray
LS	Front 40/20/40 reclining split-bench with fold down armrest	AE7	Custom Cloth	52D	69D
LS	Front power buckets	A95	Custom Cloth	52D	69D
LS	Front 40/20/40 reclining split-bench with armrest	AE7	Custom Leather-appointed, front and rear	52D	69D
LS	Front power buckets	A95	Custom Leather-appointed, front and rear	52D	69D
LT	Front full feature power buckets	AN3	Custom Leather-appointed, front and rear	52D	69D

Exterior Solid Paint	Color Code	Touch-Up Paint Number	Interior		
			Tan	Dark Charcoal	Medium Gray
Yellow	none	WA-5248	A	A	A
Blue Metallic	none	WA-5405	A	A	A
Yellow	none	WA-5445	A	A	A
Yellow	none	WA-5456	A	A	A
Blue	none	WA-5663	A	A	A
Green - Low Gloss	none	WA-6237	A	A	A
Tan - Low Gloss	none	WA-6238	A	A	A
Blue	none	WA-7154	A	A	A
Blue Metallic	none	WA-7159	A	A	A
Gray Metallic	none	WA-7840	A	A	A
Green	none	WA-7941	A	A	A
Green, Woodland	9V5	WA-9015	A	A	A
Doeskin Tan	9V9	WA-9403	A	A	A
Orange	none	WA-9408	A	A	A
Yellow	none	WA-9414	A	A	A
Tangler Orange	9W4	WA-9417	A	A	A
Orange	none	WA-9419	A	A	A
Indigo Blue	none	WA-9792	A	A	A
Light Autumnwood Metallic	none	WA-228A	A	A	A

2006 Chevrolet Truck Silverado 1500HD COLOR AND TRIM - SEO SOLID PAINT

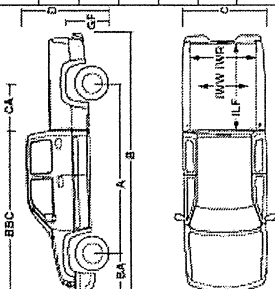
Wheatland Yellow	9W3	WA-253A	A	A	A	A
Dark Toreador Red	none	WA-334D	A	A	A	A
Pepper	none	WA-382E	A	A	A	A
Blue	none	WA-769H	A	A	A	A
Orange	none	WA-770H	A	A	A	A
NEW! Green	none	WA-575B	A	A	A	A
All wheel trims will be Black.						

2006 Chevrolet Truck Silverado 1500HD SEO OPTIONSHIP TRIM CODES

Free From RPO Code		Ref. Only RPO Code	Description	Chg Code		
Free From RPO Code		Ref. Only RPO Code	Description	LT1	LTZ	LTZ
Free From RPO Code		Ref. Only RPO Code	Description	LT1	LTZ	LTZ
<p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p> <p>■ = Standard Equipment A = Available (dashes) = Not Available</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p>						
9R0			Interior			
			Sound system, ETR AM/FM stereo with cassette (MSRP = No Charge)	A ¹	-	-
			AM/FM stereo with cassette and digital clock, no CD player. Replaces the base radio.			
			1. Requires a Fleet or Government sales order and RPO (AET) Seats, front 40/20/40 split-bench.			
			Exterior			
8X1			Label, fasten safety belts (MSRP = \$2.00)	A	A	A
			Fasten Safety Belts reminder label on side door window glass.			
9V9			Paints, solid (MSRP = No Charge).	A ¹	A ¹	A ¹
			Doeskin Tan			
			1. Requires SEO (T3K) Special Paint.			
9W4			Paints, solid (MSRP = No Charge).	A ¹	A ¹	A ¹
			Tangle Orange			
			1. Requires SEO (T3K) Special Paint.			
9W3			Paints, solid (MSRP = No Charge).	A ¹	A ¹	A ¹
			Wheatland Yellow			
			1. Requires SEO (T3K) Special Paint.			
9V5			Paints, solid (MSRP = No Charge).	A ¹	A ¹	A ¹
			Woodland Green			
			1. Requires SEO (T3K) Special Paint.			
TGK			Solid Paint	A ¹	A ¹	A ¹
			SEO Solid paint, one color			
			1. Required with any SEO paint selection. May require an extended lead time.			
9L3			Spare tire delete (MSRP = \$45.00 Credit)	A	A	A
			Deletes the spare tire only. Spare wheel and carrier remain.			
5Z4			Spare wheel and tire delete (MSRP = \$110.00 Credit)	A ¹	A ¹	A ¹
			Deletes the spare tire, wheel and carrier that are base equipment.			
			1. Not variable with RPO (SAF) Spare tire lock.			
4GK			Tire, spare LT245/75R16 (E) Blackwall 10 Ply on-off road (MSRP = \$11.00)	A ¹	A ¹	A ¹
			This spare replaces standard highway/road spare.			
			1. Requires RPO (GWS) LT245/75R16 on/offroad, blackwall. Not available with SEO (SAF) Spare wheel and tire lock.			
			Mechanical			

2006 Chevrolet Truck Silverado 1500HD **DIMENSIONS**

All dimensions in inches (mm) unless otherwise stated.

Specifications		EC15743 TMS Crew Cab Standard Box	CA15743 TMS Crew Cab Standard Box	
	A	Wheelbase	153.00 (3886)	153.00 (3886)
	B	Overall length	237.30 (6027)	237.30 (6027)
	C	Body width	78.70 (2009)	79.10 (2009)
	D	Overall height	77.00 (1956)	77.30 (1953)
		Head room, front	41.10 (1044)	41.10 (1044)
		Head room, rear	39.90 (1013)	39.90 (1013)
		Shoulder room, front	65.20 (1656)	65.20 (1656)
		Shoulder room, rear	65.10 (1654)	65.10 (1654)
		Hip room, front	61.40 (1560)	61.40 (1560)
		Hip room, rear	62.90 (1598)	62.90 (1598)
		Leg room, front	41.30 (1049)	41.30 (1049)
		Leg room, rear	38.80 (986)	38.80 (986)
	CA	Cab to axle	41.90 (1064)	41.90 (1064)
	BA	Front bumper to axle	37.00 (940)	37.00 (940)
		Rear bumper to axle	52.20 (1326)	52.20 (1326)
		Inside height	19.50 (495)	19.50 (495)
IWR	Tailgate width, top	61.90 (1572)	61.90 (1572)	
BBC	Front bumper to back of cab	148.10 (3762)	148.10 (3762)	
GF	Ground to top of rear load floor	TBD	TBD	
ILF	Inside length, at floor	78.70 (1999)	78.70 (1999)	
IWW	Inside width, between wheelhousing	50.00 (1270)	50.00 (1270)	

2006 Chevrolet Truck Silverado 1500HD DIMENSIONS

All dimensions in inches (mm) unless otherwise stated.			
Specifications	2WD Crew Cab Standard Box	C1500	
		4WD Crew Cab Standard Box	
		C1500	
		4WD Crew Cab Standard Box	
Inside width, at floor, Fleece	64.60 (1646)	64.60 (1646)	64.60 (1646)
Ground clearance, front	7.90 (201)	8.90 (226)	8.90 (226)
Ground clearance, rear	7.40 (188)	8.30 (211)	8.30 (211)

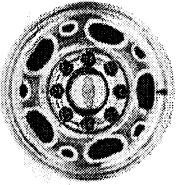
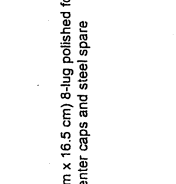
Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.



2006 Chevrolet Truck Silverado 1500HD SPECS

Specifications	C151743 2WD Crew Cab Standard Box		C151743 4WD Crew Cab Standard Box	
Front shock absorber diameter, in. (mm)	1.38 (35)		1.38 (35)	
Front stabilizer bar diameter, in. (mm)	1.25 (32)		1.25 (32)	
Rear shock absorber diameter, in. (mm)	1.38 (35)		1.38 (35)	
Turning diameter, curb-to-curb, ft. (m)	48.6 (15.1)		49.6 (15.1)	
Capacities				
Front axle, lbs. (kg)	4500 (2041)		4500 (2041)	
Front spring capacity, lbs. (kg)	4500 (2041)		4500 (2041)	
Rear axle, lbs. (kg)	6000 (2722)		6000 (2722)	
Rear spring capacity, lbs. (kg)	6000 (2722)		6000 (2722)	
Curb weight, lbs. (kg)	5471 (2482)		5762 (2614)	
Cargo volume, cargo box, cu. ft. (liters)	56.9 (1611.4)		56.9 (1611.4)	
Payload ¹ , lbs. (kg)	3129 (1419)		2839 (1287)	
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	8600 (3901)		8600 (3901)	
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	4410 (2000)		4410 (2000)	
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	6000 (2722)		6000 (2722)	
Fuel capacity, approximate, gallon (liters)	26 (98)		26 (98)	
Seating capacity (front/rear)	3/3		3/3	

¹. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

1. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

	<p>PY0 Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare</p>
	<p>PY2 Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug chrome-styled steel, includes chrome center caps and steel spare</p>

	<p>UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Radio Data System (RDS) and 6-speakers</p>
	<p>UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 8-speakers, Bose amplifier and Bose Subwoofer)</p>

2006 Chevrolet Truck Silverado 1500HD RPO CODES

Option Code	Description
**2	Seat trim, leather appointed, front and rear
4GK	Seat trim, Custom Cloth
5Z4	Tire, spare LT245/5R16 (E) Blackwall 10 Ply on-off road (MSRP = \$11.00) This spare replaces standard highway tread spare.
7Y9	Spare wheel and tire delete (MSRP = \$110.00 Credit)
8C8	Battery, Single 770 CCA (MSRP = \$56.00)
8X1	Label, fasten safety belts (MSRP = \$140.00)
9L3	Spare tire delete (MSRP = \$45.00 Credit)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = No Charge)
9Y5	Paints, solid (MSRP = No Charge), Woodland Green
9Y3	Paints, solid (MSRP = No Charge), Deeskin Tan
9W4	Paints, solid (MSRP = No Charge), Wheatland Yellow
A28	Window, rear sliding
A31	Windows, power
A95	Seats, front reclining buckets
AG7	Seats, front 40/20/40 split-bench
AG1	Seat adjuster, power, driver 6-way
AG2	Seat adjuster, power
AJ1	Glass, Solar-Ray deep tinted
AN3	Seats, front power reclining full-feature buckets
AU0	Keyless entry, remote
AU3	Door locks, power
B30	Floor covering, color-keyed carpeting
B71	Wheel flares
B85	Moldings, body-side, color-keyed
BG9	Floor covering, rubberized vinyl, Black
BVE	Regular production accessory, Assist steps, chrome plated tubular, stainless steel.
BVS	Regular production accessory, Assist steps, Black coated tubular, stainless steel.
C49	Defogger, rear-window, electric
CEP	GVWR, 8600 lbs (3901 kg)
CF5	Sunroof, power
CJ2	Air conditioning, dual-zone, automatic
CJ3	Air conditioning, dual-zone, manual
D07	Console, floor
DF5	Mirror, inside rearview
DK7	Console, overhead mini
DK8	Console, overhead deluxe
DI3	Mirrors, outside rearview, power folding, power, heated, Black
DI8	Mirrors, outside rearview, manual folding, power, heated, Black
DPN	Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending
E53	Pickup bed, Fleetside
E95	Regular production accessory, Tonneau cover, Black, soft.
EV6	Regular production accessory, Tonneau cover, Black, hard, folding, lockable.
FG9	Emissions, Federal requirements
GG0	Differential, locking, heavy-duty, rear
G14	Rear axle, 3.73 ratio

2006 Chevrolet Truck Silverado 1500HD RPO CODES

Option Code	Description
G15	Rear axle, 4.10 ratio
K05	Engine block heater
K34	Cruise control
K47	Air cleaner, high-capacity
K68	Alternator, 105 amps
KC4	Cooling, external engine oil cooler
KL5	Alternative fuel conversions, conversion-ready engine
KYP	Cooling, external transmission oil cooler
LC4	Engine, Vortec 6000 V8 SFI
MT1	Transmission, 4-speed automatic, heavy-duty
NB8	Emissions override
NC7	Emissions override, Federal
NE1	Emissions, Maine, Massachusetts, New York or Vermont state requirements
NP5	Steering wheel, leather-wrapped rim
NP8	Transfer case, electronic Autotrac
NZ2	Skid Plate Package
PDB	OnStar Plus Package
PPB	Regular production accessory, Pickup bed extender, brushed aluminum.
PUB	Regular production accessory, Pickup bed protectors, Top side rails, Black molded
PY0	Wheels, 4 - 16" x 6.5" (40.5 cm x 16.5 cm) 8-lug polished forged aluminum
PY2	Wheels, 4 - 16" x 6.5" (40.5 cm x 16.5 cm) 8-lug chrome-styled steel
QIW	Tires, LT245/5R16E, on-off-road, blackwall
QIZ	Tires, LT245/5R16E, all-season, blackwall
REQ	OnStar Plus Package discount not desired
SAF	Spare tire lock
T96	Fog lamps, front
TGK	Solid Paint/SEO solid paint, one color
TP2	Battery, auxiliary heavy-duty, 600 cold-cranking amps
TR3	Grille, chrome surround
U01	Lamps, amber roof marker
U2K	Sound system feature, XM Satellite Radio
U42	Entertainment system, rear seat
UB0	Sound system, ETR AM/FM stereo with CD player
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer
UE1	OnStar
UE1	Universal Home Remote
UK3	Sound system feature, steering wheel mounted radio controls
UK6	Sound system feature, rear audio controls
UQ3	Sound system feature, audio speakers
UQ7	Sound system feature, Bose Premium speaker system
UY2	Trailer wiring provisions, for camper, 5th wheel and gooseneck trailer
V76	Recovery hooks, front, frame-mounted
VBS	Bumper, rear, chrome step
VCB	Ship Thru for Models C715743 (MSRP = \$120.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment
VCL	Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle).
VFW	Ship Thru for Models C715743 (MSRP = \$255.00) Produced in Flint Assembly and shipped to NBC Truck Equipment
VG3	Bumper, front, chrome

2006 Chevrolet Truck Silverado 1500HD RPO CODES

Option Code	Description
VSQ	Ship Thru for Models C*15743 (MSRP = \$270.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment
VUD	Ship Thru for Models C*15743 (MSRP = \$90.00) Produced in Flint Assembly and shipped to Knapheide Truck Equipment
VUI	Ship Thru for Models C*15743 (MSRP = \$230.00) Produced in Flint Assembly and shipped to Ft. Wayne Fleet Equipment
VUM	Ship Thru for Models C*15743 (MSRP = \$305.00) Produced in Flint Assembly and shipped to Buckley Truck Equipment
YF5	Emissions, California state requirements
Z82	Trailer equipment, heavy-duty
Z85	Suspension Package, Handling/Trailer
ZY1	Paint, solid

2006 Chevrolet Truck Silverado 1500HD TRAILERING SPECS - Automatic Transmission Ratings with Ball Hitch

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load

Model	Automatic Transmission Ratings with Ball Hitch	
	Maximum Trailer Weight lbs. (kg)	Maximum Trailer Weight lbs. (kg)
CC15743	3.73	8300 (3765)
	4.10	10300 (4672)
CK15743	3.73	7900 (3583)
	4.10	9900 (4491)

GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission	
Engine	(GCWR) Gross Combination Weight Ratings lbs. (kg)
(LQ4) Vortec 6000 V8 SFI	14000 (6350)
	3.73
	4.10

**2006 Chevrolet Truck Silverado 1500HD TRAILERING SPECS - Automatic Transmission
with 5th Wheel or Gooseneck Hitch**

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 15 to 25% of the trailer weight is the recommended 5th wheel or Gooseneck kingpin load.

Automatic Transmission with 5th Wheel or Gooseneck Hitch			
Model	Axle Ratio	(LC4) Vortec 6000 V8 SFI	
		Maximum Trailer Weight lbs. (kg)	
CC15743	3.73	8300 (3765)	
	4.10	10300 (4672)	
CK15743	3.73	7500 (3583)	
	4.10	9900 (4491)	

GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission			
Engine	(GCWR) Gross Combination Weight Ratings lbs. (kg)		
	14000 (6350)		
(LC4) Vortec 6000 V8 SFI	3.73	16000 (7258)	
	4.10		

2006 Chevrolet Truck Silverado SS STANDARD EQUIPMENT

S = Standard Equipment A = Available – (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable			
*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.			
Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.			
Free Flow RPO Code	Ref. Only RPO Code	Description	Ext. Cab High- Performance Package 153
		1 - Equipment group 153 available on C15753 Models.	
		Air bags, frontal, driver and right-front passenger, includes Passenger Sensing System	S
	C13	Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger	S
		Assist handles, front passenger and outboard rear seats	S
		Cigarette lighter, on instrument panel	S
		Coat hooks, driver and passenger side	S
		Cupholders, in console	S
		Driver Information Center, includes trip odometer and message center (monitors numerous systems depending on vehicle equipment level including low fuel, turn signal "on", transmission temperature and oil change notification)	S ¹
		1 - With (UK3) Sound system feature, steering wheel mounted radio controls, includes trip and fuel information selections and programmable features.	
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine hour meter, temperature, oil pressure, transmission temperature gauge, tachometer and white instrument cluster	S
		Lighting, dome lamp, reading, backlit instrument panel switches, rear map lights and door handle-activated illuminated entry	S
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S
	AE7	Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, includes center fold-down armrest with storage, adjustable outboard head restraints and storage pockets	S ¹
		1 - Not available with (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	
		Seats, rear bench, full width, folding, 3-passenger (includes child seat top tether anchor)	S
	**D	Seat trim, Custom Cloth, Dark Charcoal	S ¹
		1 - Not available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets.	
	UB0	Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS)	S ¹
		1 - Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer. Requires (AE7) Seats, front 40/20/40 split bench.	
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S
		Theft-deterrent system, PASSlock II	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal	S

2006 Chevrolet Truck Silverado SS STANDARD EQUIPMENT

Free Flow RPO Code	Ref. Only RPO Code	Description	Ext. Cab High- Performance Package 153
		1 - Equipment group 153 available on C15753 Models.	
		Daytime running lamps, includes automatic exterior lamp control	S
		Glass, Solar-Ray light tinted, all windows	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S
		Lamps, dual cargo area lamps	S
	ZY1	Paint, solid	S
	ES3	Pickup bed, Fletside box	S
		Tire carrier, outside spare, winch-type mounted under frame at rear, steel wheel located at rear underbody of vehicle	S
		Wipers, intermittent, front, wet-arm with pulse washers	S
	KG3	Alternator, 145 amps	S
		Battery, heavy-duty, 600 cold-cranking amps, includes rundown protection and retained accessory power	S
		Brakes, 4-wheel antilock, front hydraulic disc and rear drum	S
		Frame, ladder-type, hydroformed	S
	C7H	GWWR, 6400 lbs. (2903 kg)	S
	GT4	NEW! Rear axle, 3.73 ratio	S
		Steering, power	S
		Suspension, front, independent torsion bar, and stabilizer bar	S

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description	Est. Cals
		1. Equipment group (SS) available on CC15153 Models.	High-Performance Package (SS)
	DK7	Console, overhead mini, includes map lights 1. Not available with (CP5) Sunroof, power.	■
	K34	Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	■
	C49	Defogger, rear-window, electric 1. Not available with (A29) Glass, rear sliding.	■
	AU3	Door locks, power	■
	B30	Floor covering, color-keyed carpeting and carpeted floor mats	■
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	■
	DF5	Mirror, inside rearview, 8-point compass, passenger sensing system indicator light, and outside temperature indicator	■
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	■
	A31	Windows, power, includes driver and passenger express-down	■
	VF1	Bumper, front, integrated, with color-keyed front fascia	■
	VF3	Bumper, rear, integrated, with color-keyed rear fascia	■
	AJ1	Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	■
	TR8	Grille, color-keyed	■
	DJ3	Mirrors, outside rearview, power folding, power, heated, color-keyed, driver side electrochromic (light-sensitive auto dimming), and turn signal in glass 1. Includes curb-tilt when (UX3) Sound system feature, steering wheel mounted radio controls is ordered.	■
	BAU	Silverado SS	■
	SAF	Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door	■
	QSS	Tires, P275/55R20, touring, blackwall	■
		Tire, spare, P265/75R16, blackwall, steel wheel located at rear underbody of vehicle	■
	P35	Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome 1. Upgradeable to (P30) Wheels, 420" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport.	□
		Wheel, spare, 16" x 6.5" (40.6 cm x 16.5 cm) steel	■
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	■
	KNP	Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil	■

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Est. Cals
		1. Equipment group (SS) available on CC15153 Models.	High-Performance Package (SS)
	G60	Differential, locking, heavy-duty, rear	■
	LQ9	Engine, Vortec high-output 6000 V8 SFI (345 HP (257.0 kW) @ 5200 rpm, 380 lb. -ft. (513.0 N-m) @ 4000 rpm)	■
		Exhaust, high-performance "thruway" exhaust with NASCAR inspired polished exhaust tip	■
	Z60	Suspension, rear, semi-elliptic 4-stage multi-leaf springs	■
	M32	Suspension Package, High-performance Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and external transmission oil cooler (Must specify)	■

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

<p>S = Standard Equipment A = Available (dash) = Not Available</p> <p>■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable</p> <p>No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility.</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>				<p>1 - Equipment group 1SS available on CC15153 Models.</p>		Ext. Cab
Free Flow RPO Code	Ref. Only RPO Code	Description	High- Performance Package 1SS			
	DK7	Console, overhead mini, includes map lights 1 - Not available with (CF5) Sunroof, power.	■			1
	K34	Cruise control, electronic with set and resume speed, includes tilt/steer in instrument panel cluster	■			
	C49	Defogger, rear-window, electric 1 - Not available with (A28) Glass, rear sliding.	■			1
	AU3	Door locks, power	■			
	B30	Floor covering, color-keyed carpeting and carpeted floor mats	■			
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	■			
	DF5	Mirror, inside rearview, 8-point compass, passenger sensing system indicator light, and outside temperature indicator	■			
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	■			
	A31	Windows, power, includes driver and passenger express-down	■			
	VF1	Bumper, front, integrated, with color-keyed front fascia	■			
	VF3	Bumper, rear, integrated, with color-keyed rear fascia	■			
	AJ1	Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	■			
	TR8	Grille, color-keyed	■			
	DL3	Mirrors, outside rearview, power folding, power, heated, color-keyed, driver side electrochromic (light-sensitive auto dimming), and turn signal in glass 1 - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	■			1
	B4U	Silverado SS	■			
	SAF	Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door	■			
	QSS	Tires, P275/55R20, touring, blackwall	■			
	P35	Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome 1 - Upgradeable to (P40) Wheels, 420" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport Wheel, spare, 16" x 6.5" (40.6 cm x 16.5 cm) steel	□			1
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	■			
	KNP	Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil	■			

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	High- Performance Package 1SS
<p>1 - Equipment group 1SS available on CC15153 Models.</p>			
	G80	Differential, locking, heavy-duty, rear	■
	LC9	Engine, Vortec high-output 6000 V8 SF (345 HP [257.0 kW] @ 5200 rpm, 380 lb. -ft. [513.0 N-m] @ 4000 rpm)	■
		Exhaust, high-performance "thru" exhaust with NASCAR inspired polished exhaust tip	■
		Suspension, rear, semi-elliptic 4-stage multi-leaf springs	■
	Z60	Suspension Package, High-performance	■
	M32	Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and external transmission oil cooler (Must specify)	■
<p>ADDITIONAL OPTIONS</p>			
Free Flow RPO Code	Ref. Only RPO Code	Description	High- Performance Package 1SS
<p>1 - Equipment group 1SS available on CC15153 Models.</p>			
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger	A
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic, and weather reports and other personalized information 1 - Requires (UK3) Sound system feature, steering wheel mounted radio controls is ordered. Not available with a ship-to of Puerto Rico or the Virgin Islands.	A
PDB		OnStar Plus Package, includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Package does not include (U2K) Sound system feature, XM Satellite Radio when ordered outside the 48 contiguous United States. Not available with a ship-to of Puerto Rico or the Virgin Islands.	A
R6Q		OnStar Plus Package discount not desired 1 - Required when content within option package is ordered and entire package is not desired.	A
AN3		Seats, front leather seating surfaces power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	A
AG1		Seat adjuster, power, driver 6-way 1 - With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	A
DNH		Regular production accessory, underseat storage, rear, lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed)	A

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

ADDITIONAL OPTIONS			
Free Flow RPO Code	Rel. Only RPO Code	Description	Est. Cst. High Performance Package 1SS
		1 - Equipment group 1SS available on CC15733 Models.	
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer) 1 - Requires and only available with (A45) Seats, front leather seating surfaces power reclining lift/lumbar buckets.	A ¹
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). Provides access to enhanced Driver Information Center (DIC) features and information.	A
UZK		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply. - Available only in the 48 contiguous U.S.	A ¹
CFS		NEV1 Sunroof, power, tilt-sliding, electric with express-open and wind deflector. Includes (UG1) Universal Home Remote 1 - Requires (C22) Air conditioning, dual-zone, automatic. Not available with (AET) Seats, front 40/20/40 split-bench.	A ¹
A28		Window, rear sliding 1 - Deletes (C49) Daycaber, rear-window, electric when ordered.	A ¹
SSI		SS Dale Earnhardt Intimidator Edition 1 - Option content within this package may not be substituted or deleted. - Includes (AG1) Seat adjuster, power, drive 6-way, (UK3) Sound system feature, steering wheel mounted radio controls, and (41U) Exterior color, Black.	A ¹
P30		Wheels, 4.20" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport	A
VF5		Emissions, California state requirements	A
FE9		Emissions, Federal requirements	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1 - Requires (FE9) Emissions, Federal requirements.	A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1 - Requires (VF5) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹
K05		Engine block heater	A

2006 Chevrolet Truck Silverado SS EQUIPMENT GROUPS

ADDITIONAL OPTIONS			
Free Flow RPO Code	Rel. Only RPO Code	Description	Est. Cst. High Performance Package 1SS
Z82		Trailering equipment, heavy-duty, includes trailering hitch platform, 7-wire harness (harness includes wires for park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailering circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity	A

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility. *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. Codes listed in the shaded column titled Ref. Only RPO Codes are for internal use only and should not be ordered.			
Free Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1SS available on CC157SS Models.	Ext. Cab High- Performance Package 1SS*
	VF1	Bumper, front, integrated, with color-keyed front fascia	■
	VF3	Bumper, rear, integrated, with color-keyed rear fascia	■
	DK7	Console, overhead mini	■
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	■
	KNP	Cooling, external transmission oil cooler	■
	K34	Cruise control	■
	C49	Defogger, rear-window, electric	■
	G80	Differential, locking, heavy-duty, rear	■
	AU3	Door locks, power	■
	LQ9	Engine, Vortec high-output 6000 V8 SFI	■
		Exhaust, high-performance "throaty" exhaust with NASCAR inspired polished exhaust tip	■
	B30	Floor covering, color-keyed carpeting	■
	AJ1	Glass, Solar-Ray deep tinted	■
	TRB	Grille, color-keyed	■
	AU0	Keyless entry, remote	■
	DF5	Mirror, inside rearview	■
	DL3	Mirrors, outside rearview	■
	B4U	Silverado SS	■
	SAF	Spare tire lock	■
	NP5	Steering wheel, leather-wrapped rim	■
		Suspension, rear, semi-elliptic 4-stage multi-leaf springs	■
	Z60	Suspension Package, High-performance	■
		Tire, spare, P265/75R16, blackwall	■
	QSS	Tires, P275/65R20, touring, blackwall	■
	M32	Transmission, 4-speed automatic, heavy-duty	■
		Wheel, spare, 16" x 6.5" (40.6 cm x 16.5 cm) steel	■

Free Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1SS available on CC157SS Models.	Ext. Cab High- Performance Package 1SS*
	P35	Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome 1 - Upgradeable to (P30) Wheels, 420" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport.	□ 1
	A31	Windows, power	■

2006 Chevrolet Truck Silverado SS INTERIOR

S = Standard Equipment A = Available (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

From RPO Code	Ref. RPO Code	Description	Est. Chg. High- Performance Package 1531
		1. Equipment group 153 available on CC1533 Models.	
		Air bags, front, driver and right front passenger. Includes Passenger Sensing System	S
	CJ3	Air conditioning, dual-zone, manual. Individual climate settings for driver and right front passenger	S
	CJ2	Air conditioning, dual-zone, automatic. Individual climate settings for driver and right front passenger	A
		Assist handles, front passenger and outboard rear seats	S
		Cigarette lighter, on instrument panel	S
		Coat hooks, driver and passenger side	S
	D07	Console, floor, includes CD carrier, storage bin, rear cupholders, rear seat HVAC air duct and outlets	A ¹
		1. Included and only available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets.	
	DK7	Console, overhead mini, includes map lights	■ ¹
		1. Not available with (CF3) Sunroof, power.	
	DK8	Console, overhead deluxe	A ¹
		1. Included and only available with (CF3) Sunroof, power.	
	KJ4	Cruise control, electronic with set and resume speed. Includes telltale in instrument panel cluster	■
		Cupholders, in console	S
	CJ9	Defogger, rear-window, electric	■ ¹
		1. Not available with (A23) Glass, rear sliding.	
	AJ3	Door locks, power	■
		Driver Information Center, includes trip odometer and message center (monitors numerous systems depending on vehicle equipment level including low fuel, turn signal, on, transmission temperature and oil change notification)	S ¹
		1. With (UK3) Sound system features, steering wheel mounted radio controls, includes trip and fuel information selections and programmable personalization features.	
	B30	Floor covering, color-keyed carpeting and carpeted floor mats	■
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine hour meter, temperature, oil pressure, transmission temperature gauge, tachometer and white instrument cluster	S
	AJ0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	■
		Lighting, dome lamp, reading, backlit instrument panel switches, rear map lights and door handle-activated illuminated entry	S
	DF5	Mirror, inside rearview, 8-point compass, passenger sensing system indicator light, and outside temperature indicator	■

2006 Chevrolet Truck Silverado SS INTERIOR

S = Standard Equipment A = Available (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

From RPO Code	Ref. RPO Code	Description	Est. Chg. High- Performance Package 1531
		1. Equipment group 153 available on CC1533 Models.	
	UE1	OnStar, 1-year Safe and Sound Service. Includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information	A ¹
		1. Requires (UK3) Sound system features, steering wheel mounted radio controls. Visit www.onstar.com for system information and details. Not available with a ship-to of Puerto Rico or the Virgin Islands.	
	PDB	OnStar Plus Package, includes (U26) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls	A ¹
		1. Package does not include (U26) Sound system feature, XM Satellite Radio when ordered outside the 48 contiguous United States. Not available with a ship-to of Puerto Rico or the Virgin Islands.	
	R60	OnStar Plus Package discount not desired	A ¹
		1. Required when content within option package is ordered and entire package is not desired.	
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S
	AET	Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining. Includes center fold-down armrest with storage, adjustable outboard head restraints and storage pockets	S ¹
		1. Not available with (UC3) Sound system, ETR AM/FM stereo with 6-disc CD changer.	
	AN3	Seats, front leather seating surfaces power reclining full-feature buckets. Includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	A
		Seats, rear bench, full width, folding, 3-passenger (includes child seat top tether anchor)	S
		Seat adjuster, power, driver 6-way	A ¹
	AG1	Seat adjuster, power, front passenger 10-way	A ¹
		1. With (AN3) Seats, front power reclining full-feature buckets. Includes 10-way adjuster.	
	AG2	Seat adjuster, power, front passenger 10-way	A ¹
		1. Included and only available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets.	
	**D	Seat trim, Custom Cloth, Dark Charcoal	S ¹
		1. Not available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets.	
	**2	Seat trim, leather, Dark Charcoal	A ¹
		1. Included and only available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets. Includes front leather seating surfaces with rear vinyl bench.	
	DNH	Regular production accessory, underseat storage, rear, lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging.	A
		(SPO-supplied, dealer installed)	
	UB0	Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS)	S ¹
		1. Upgradeable to (UC3) Sound system, ETR AM/FM stereo with 6-disc CD changer. Requires (AET) Seats, front 40/20/40 split-bench.	
	UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	A ¹
		1. Requires and only available with (AN3) Seats, front leather seating surfaces power reclining full-feature buckets.	

2006 Chevrolet Truck Silverado SS INTERIOR

Free Flat RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 153 available on C015753 Model.	Ext. Cab High- Performance Package 155
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). Provides access to enhanced Driver Information Center (DIC) features and information.	A
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply. - Available only in the 48 contiguous U.S.	A ¹
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	■
CF5		NEW! Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1) Universal Home Remote 1 - Requires (C2J) Air conditioning, dual-zone, automatic. Not available with (AE7) Seats, front 40/20/40 split-bench.	A ¹
		Theft-deterrent system, PASSLOCK II	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S
	UG1	Universal Home Remote 1 - Included and only available with (CF5) Sunroof, power.	A ¹
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S
A31		Windows, power, includes driver and passenger express-down	■
A28		Window, rear sliding 1 - Deletes (C48) Defogger, rear-window, electric when ordered.	A ¹

2006 Chevrolet Truck Silverado SS EXTERIOR

Free Flat RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 155 available on C015753 Model.	Ext. Cab High- Performance Package 155
		S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.	
		Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.	
	VF1	Bumper, front, integrated, with color-keyed front fascia	■
	VF3	Bumper, rear, integrated, with color-keyed rear fascia	■
		Daytime running lamps, includes automatic exterior lamp control	S
		Glass, Solar-Ray light tinted, all windows	S
	AJ1	Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	■
	TRB	Grille, color-keyed	■
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S
		Lamps, dual cargo area lamps	S
	DL3	Mirrors, outside rearview, power folding, power, heated, color-keyed, driver side electrochromic (light-sensitive auto dimming), and turn signal in glass 1 - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	■ ¹
	ZY1	Paint, solid	S
	E63	Pickup bed, Fleetside box	S
	B4U	Silverado SS	■
	SAF	Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door	■
SSI		SS Data Entry/Intimidator Edition 1 - Option content within this package may not be substituted or deleted. - Includes (AG1) Seat belt pretensioners, (AG2) Side-impact door beams, (AG3) Side-impact door beams, (AG4) Side-impact door beams, (UK3) Sound system feature, XM Satellite Radio, (P35) Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome and (410) Exterior color, Black.	A ¹
		Tire carrier, outside spare, winch-type mounted under frame at rear, steel wheel located at rear underbody of vehicle	S
	QSS	Tires, P275/55R20, touring, blackwall	■
	P35	Tire, spare, P265/75R16, blackwall, steel wheel located at rear underbody of vehicle Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome 1 - Upgradeable to (P30) Wheels, 4-20" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport	■ ¹
P30		Wheels, 4-20" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport	A
		Wheel, spare, 16" x 6.5" (40.6 cm x 16.5 cm) steel	■
		Wipers, intermittent, front, wet-arm with pulse washers	S

2008 Chevrolet Truck Silverado SS MECHANICAL

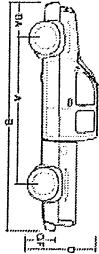
<p> S = Standard Equipment A = Available - (dash) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. </p>			<p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>	
Free Flow RPO Code	Ref. Only RPO Code	Description	Est. Cdn. High- Performance Package 1SS*	
		1. Equipment group 1SS available on CC1533 Models.		
	K47	Air cleaner, high-capacity		A ¹
		1. Included and only available with (Z22) Trailering equipment, heavy-duty.		
	K63	Alternator, 145 amps		S
		Battery, heavy-duty, 600 cold-cranking amps. Includes rundown protection and retained accessory power		S
		Brakes, 4-wheel antilock, front hydraulic disc and rear drum		S
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank		■
	KMP	Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil		■
	G80	Differential, locking, heavy-duty, rear		■
	YF5	Emissions, California state requirements		A
	FE9	Emissions, Federal requirements		A
	NE1	Emissions, Maine, Massachusetts, New York or Vermont state requirements		A
	NB8	Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1. Requires (FE9) Emissions, Federal requirements.		A ¹
	NC7	Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1. Requires (YF5) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.		A ¹
	K05	Engine block heater		A
	LC9	Engine, Votec high-output 6000 V8 SFI (345 HP [257.0 kW] @ 5200 rpm, 380 lb.-ft. [513.0 N-m] @ 4000 rpm)		■
		Exhaust, high-performance "thru-axle" exhaust with NASCAR inspired polished exhaust tip		■
		Frame, ladder-type, hydroformed		S
	CTH	GVWR, 6400 lbs. (2903 kg)		S
	GT4	NEW! Rear axle, 3.73 ratio		S
		Steering, power		S
		Suspension, front, independent torsion bar, and stabilizer bar		S
		Suspension, rear, semi-elliptic 4-stage multi-leaf springs		■
	Z50	Suspension Package, High-performance		■

2006 Chevrolet Truck Silverado SS MECHANICAL

Free Flow RPO Code	Ref. Only RPO Code	Description	Est. Cdn. High- Performance Package 1SS*
		1. Equipment group 1SS available on CC1533 Models.	
Z22		Trailering equipment, heavy-duty. Includes trailering hitch platform, 7-wire harness (harness includes wires for park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailering circuit; mated to a 7-way sealed connector. Instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity	A
	M32	Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and external transmission oil cooler (Must specify)	■

2006 Chevrolet Truck Silverado SS DIMENSIONS

All dimensions in inches (mm) unless otherwise stated.

Specifications		2006 Extended Cab Standard Box with 8 ft. L
		
A	Wheelbase	143.50 (3645)
B	Overall length	227.70 (5784)
C	Body width	78.50 (1994)
D	Overall height	73.90 (1877)
	Head room, front	41.00 (1041)
	Head room, rear	38.40 (975)
	Shoulder room, front	65.20 (1655)
	Shoulder room, rear	66.30 (1684)
	Hip room, front	61.40 (1560)
	Hip room, rear	61.50 (1552)
	Leg room, front	41.30 (1049)
	Leg room, rear	33.70 (856)
CA	Cab to axle	41.90 (1064)
BA	Front bumper to axle	36.90 (937)
	Rear bumper to axle	47.00 (1194)
IWR	Opening width, tailgate, top	63.80 (1621)
LF	Inside length, at floor	78.60 (1996)
	Inside height	19.50 (495)
	Inside width, at floor	64.80 (1646)
BBC	Front bumper to back of cab	136.50 (3518)
GF	Ground to top of rear load floor	32.90 (836)
IWW	Inside width, between	50.00

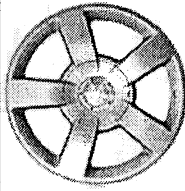
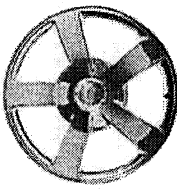
2006 Chevrolet Truck Silverado SS DIMENSIONS

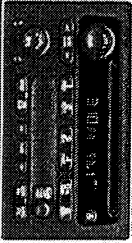

All dimensions in inches (mm) unless otherwise stated.

Specifications		2006 Extended Cab Standard Box with 8 ft. L
	Wheelhousing	127.0 (3227)
	Ground clearance, front	8.00 (203)
	Ground clearance, rear	8.30 (211)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

		CC15753 2WD Extended Cab Standard Box with B4U
Specifications		
Front shock absorber diameter, in. (mm)		1.26 (32)
Front stabilizer bar diameter, in. (mm)		TBD
Rear shock absorber diameter, in. (mm)		1.26 (32)
Rear stabilizer bar diameter, in. (mm)		TBD
Tuning diameter, curb-to-curb, ft. (m)		TBD
Capacities		
Front axle, lbs. (kg)		3925 (1780)
Front springs, lbs. (kg)		3925 (1780)
Rear axle, lbs. (kg)		4000 (1814)
Rear springs, lbs. (kg)		4000 (1814)
Curb weight, lbs. (kg)		4947 (2244)
Cargo volume, cargo box, cu. ft. (liters)		56.9 (1611.4)
Payload ¹ , lbs. (kg)		1253 (568)
Gross Vehicle Weight Rating, lbs. (kg)		6200 (2812)
Front Gross Axle Weight Rating, lbs. (kg)		3600 (1633)
Rear Gross Axle Weight Rating, lbs. (kg)		3600 (1633)
Fuel capacity, approximate, gallon (liters)		26 (98)
Seating capacity, max. (front/rear)		3/3
1. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.		

	P30 Wheels, 4-20" x 8.5" (50.8 cm x 21.6 cm) aluminum, sport
	P35 Wheels, 4-20" x 8.5" (50.8 cm x 21.6 cm) chrome

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)

Option Code	Description
**2	Seat trim, leather
A28	Seat trim, Custom Cloth
A31	Window, rear sliding
A31	Windows, power
A67	Seats, front 40/20/40 split-bench, 3-passenger
AG1	Seat adjuster, power, driver 6-way
AG2	Seat adjuster, power
AJ1	Glass, Solar-Ray deep tinted
AN3	Seats, front leather seating surfaces power reclining full-feature buckets
AU0	Keyless entry, remote
AU3	Door locks, power
B30	Floor covering, color-keyed carpeting
B4U	Silverado SS
C49	Defogger, rear-window, electric
C7H	GVWR, 6400 lbs. (2903 kg)
CF5	Sunroof, power
CJ2	Air conditioning, dual-zone, automatic
CJ3	Air conditioning, dual-zone, manual
D07	Console, floor
DE5	Mirror, inside rearview
DK7	Console, overhead mini
DK8	Console, overhead deluxe
DL3	Mirrors, outside rearview
DNH	Regular production accessory, underseat storage
FE3	Pickup bed, Fleetside
FE9	Emissions, Federal requirements
G80	Differential, locking, heavy-duty, rear
G14	Rear axle, 3.73 ratio
K05	Engine block heater
K34	Cruise control
K47	Air cleaner, high-capacity
KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank
KG3	Alternator, 145 amps
KNP	Cooling, external transmission oil cooler
LO9	Engine, Vortec high-output 6000 V6 SFI
M32	Transmission, 4-speed automatic, heavy-duty
NB8	Emissions override
NC7	Emissions override, Federal
NE1	Emissions, Maine, Massachusetts, New York, or Vermont state requirements
NP5	Steering wheel, leather-wrapped rim
P30	Wheels, 4.20" x 8.5" (60.8 cm x 21.6 cm) aluminum, sport
P35	Wheels, 4 - 20" x 8.5" (50.8 cm x 21.6 cm) chrome
PDB	OnStar Plus Package
QSS	Tires, P275/55R20, touring, blackwall
R6Q	OnStar Plus Package discount not desired
SAF	Spare tire lock
SSI	SS Dale Earnhardt Intimidator Edition
TRB	Grille, color-keyed

2006 Chevrolet Truck Silverado SS TRAILERING SPECS

Automatic Transmission Ratings with Ball Hitch		
Model	Maximum Trailer Weight lbs. (kg)	Maximum Trailer Weight lbs. (kg)
CC15753	4,100	7,500 (3,402)

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

5th wheel hitch is not recommended on a Silverado SS.

GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission	
Engine	(GCWR) Gross Combination Weight Ratings lbs. (kg)
(LQ9) Vortec high-output 6000 V8 SFI	13,000 (5,897)
	4,100

2006 Chevrolet Truck Silverado SS RPO CODES

Option Code	Description
UZK	Sound system feature, XM Satellite Radio
UB0	Sound system, ETR AM/FM stereo with CD player
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer
UE1	OnStar
UG1	Universal Home Remote
UK3	Sound system feature, steering wheel mounted radio controls
VF1	Bumper, front, integrated, with color-keyed front fascia
YF3	Bumper, rear, integrated, with color-keyed rear fascia
YF5	Emissions, California state requirements
Z60	Suspension Package, High-performance
Z82	Trailering equipment, heavy-duty
ZY1	Paint, solid

2006 Chevrolet Truck Silverado STANDARD EQUIPMENT
2500HD

<p>S = Standard Equipment A = Available (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab			
			Max Truck WT ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹	
			WT ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹	
		1. Equipment groups 1WT, 1LS, and 1LT available on C-2500, C-2500, C-2500, and C-2500 Models. 2. Equipment group 2LT and 3LT available on C-2500, C-2500, C-2500, and C-2500 Models.							
		Air bags, frontal, driver and right front passenger 1. Regular and Extended Cab Models include passenger side deactivation switch. Always use safety belts and proper child restraints, even with air bags. Children are safer when properly seated in the rear seat. See the Owner's Manual for more safety information.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1. Required and only available with (VU) Snow Plow Prep Package is ordered.	S	S	S	S	A ¹	A ¹	A ¹
		Assist handle, front passenger 1. Also includes rear outboard passenger assist on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S	S	S	S
		Coat hook, driver side	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		1. Also includes passenger side coat hook on Extended and Crew Cab Models.							
		Cupholders, front 1. Includes rear cupholders on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Driver Information Center, monitors numerous systems depending on vehicle equipment	S	S	S	S	S	S	S
		Floor covering, rubberized vinyl, Black 1. Not available with (922) Medium Gray Leather Interior Trim.	S	S	S	A ¹	-	-	-
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S	S	S	S
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S	S	S	S
		Mirror, inside rearview, manual day/night	S	S	S	-	-	-	-
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S	S	S	S	S	S	S
		Seat trim, vinyl	S	S	S	S	S	S	S
		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints	S	A	-	-	-	-	-
		Seats, rear bench, folding, 3-passenger (includes child seat top tether anchor) 1. Not available with Regular Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹

2006 Chevrolet Truck Silverado STANDARD EQUIPMENT
2500HD

<p>S = Standard Equipment A = Available (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab			
			Max Truck WT ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹	
			WT ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹	
		1. Equipment groups 1WT, 1LS, and 1LT available on C-2500, C-2500, C-2500, and C-2500 Models. 2. Equipment group 2LT and 3LT available on C-2500, C-2500, C-2500, and C-2500 Models.							
		Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock	S	S	S	S	S	S	S
		Sound system feature, 4-speakers	S	S	S	S	S	S	S
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	S	S	S	S	S
		Theft-deterrent system, PASSLOCK II	S	S	S	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S	S	S	S
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S	S	S	S
		Air dam, Gray	S	S	S	S	S	S	S
		Bumper, front, chrome, with Gray lower	S	S	S	S	S	S	S
		Bumper, rear, painted step, includes pad 1. Not available with (ZW9) Pickup bed, delete.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S	S	S	S
		Glass, Solar-Ray light tinted, all windows	S	S	S	S	S	S	S
		Grille, color-keyed surround, with chrome accent bar	S	S	S	S	S	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S	S	S	S
		Lamps, dual cargo area lamps	S	S	S	S	S	S	S
		Mirrors, outside rearview, foldaway, manual, Black, adjustable	S	S	S	S	S	S	S
		Paint, solid	S	S	S	S	S	S	S
		Pickup bed, Fleetside box	S	S	S	S	S	S	S
		Tire carrier, outside spare, winch-type mounted under frame at rear	S	S	S	S	S	S	S
		Tires, LT245/75R16E, all-season, blackwall 1. Includes 5 tires with (EE3) Pickup bed, Fleetside box, - includes 4 tires with (ZW9) Pickup bed, delete.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-Jug steel, painted	S	S	S	S	S	S	S
		Wheel flares 1. Refer to Color and Trim chart for compatibility. *Front only when (ZW9) Pickup bed, delete is ordered.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado STANDARD EQUIPMENT 2500HD

File RPO Code	Ref.	Description	Req. Ext. and Crew Cab					Ext. and Crew Cab	
			1WT ¹	LS ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹
		1. Equipment groups 1WT, LS, and LT available on C25953, C25753, C25743, C25953, and C25943 Models. 2. Equipment group LT and LT available on C25753, C25743, C25953 and C25943 Models.							
	K69	Alternator, 105 amps 1. Not available with (VYU) Snow Prep Package.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Battery, heavy-duty, 600 cold-cranking amps, includes run-down protection and retained accessory power 1. Not standard with (LT) Engine, Duramax 6600 Turbo Diesel V8.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	S	S	S	S
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator	S	S	S	S	S	S	S
	LC4	Engine, Vortec 6000 V8 SFI (300 HP (223.8 kW) @ 4400 rpm, 360 lb.-ft. (486.6 N-m) @ 4000 rpm)	S	S	S	S	S	S	S
		Exhaust, aluminum stainless-steel muffler and tailpipe	S	S	S	S	S	S	S
		Frame, ladder-type, hydroformed	S	S	S	S	S	S	S
	CGW	GVMR, 9200 lbs. (4173 kg) 1. Must specify on C23903, C23953, and C25743 Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
	GT5	Rear axle, 4.10 ratio 1. Refer to Engine/Mach Chart for availability.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Steering, power	S	S	S	S	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S	S	S	S	S
		Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	S	S	S	S	S	S
	2B5	Suspension Package, Handling/Trailing, heavy-duty, includes 36mm piston monobloc shocks	S	S	S	S	S	S	S
	NP2	Transfer case, floor-mounted stiffer 1. Requires (LT) Seats, from 402040 split-bench.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
	MW3	Transmission, 5-speed manual with overdrive 1. Requires (LC4) Engine, Vortec 6000 V8 SFI and (AE7) Seats, from 402040 split-bench.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹

2006 Chevrolet Truck Silverado EQUIPMENT GROUPS 2500HD

<p>S = Standard Equipment A = Available - (dashes) = Not Available</p> <p>■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable</p> <p>No deletions allowed to Equipment Groups. Additional options may be added, check ordering information section for compatibility.</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>									
File RPO Code	Ref.	Description	Req. Ext. and Crew Cab					Ext. and Crew Cab	
			1WT ¹	LS ¹	LT ¹	LT ¹	LT ¹	LT ¹	LT ¹
		1. Equipment groups 1WT, LS, and LT available on C25953, C25753, C25743, C25953, and C25943 Models. 2. Equipment group LT and LT available on C25753, C25743, C25953 and C25943 Models.							
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and front passenger. 1. Not available with (VYU) Snow Prep Package. 2. Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VYU) Snow Prep Package is ordered.	-	-	A ¹	□ ¹	□ ¹	□ ¹	□ ¹
CD7		Console, floor, includes storage compartment and dual cupholders	-	-	-	■ ¹	■ ¹	■ ¹	■ ¹
DK7		Console, overhead mtl, includes map lights 1. Not available with (CF5) Sunroof, power.	-	-	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
CG9		Defogger, rear-window, electric 1. Not available on (A28) Window, rear sliding or (C42) Air conditioning delete. Available with Fleet and Government order types only. 2. Not available with (A28) Window, rear sliding.	A ¹	■ ²	■ ²	■ ²	■ ²	■ ²	■ ²
AJ3		Door locks, power 1. Available with Fleet and Government order types only.	A ¹	A	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1. Available with Fleet and Government order types only. 2. May be substituted with (B39) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■ ¹	■ ¹	■ ¹	■ ¹
AU0		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	-	-	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
DF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
"D		Seat trim, Custom Cloth	A	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
"2		Seat trim, leather 1. Not available on Regular Cab Models. Extended Cab includes leather seating surfaces, leather floor mats and leather appointed seating surfaces. Includes front and rear leather appointed seating surfaces.	-	-	A ¹	A ¹	A ¹	A ¹	A ¹
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1. Requires ("D) Seat trim, Custom Cloth.	A ¹	■ ¹	■ ¹	-	-	-	-

2006 Chevrolet Truck Silverado EQUIPMENT GROUPS
2500HD

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed in Equipment Groups. Additional options may be added, check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, * indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Codes are for internal use only and should not be ordered.

RPO Code	Ref. Code	Description	Rear Truck				Ext. and Crew Cab			
			197 ¹	LS ¹	LT ¹	LTZ ¹	LTZ ¹	LTZ ¹	LTZ ¹	LTZ ¹
C12		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1. Requires Extended and Crew Cab Models. - Not available with (V7U) Snow Plow Prep Package. 2. Must be substituted with (C23) Air conditioning, dual-zone, manual when (V7U) Snow Plow Prep Package is ordered.	-	-	A ¹	□ ¹	□ ¹	-	-	-
			-	-	-	-	-	-	-	-
D07		Console, floor, includes storage compartment and dual cupholders	-	-	-	-	-	-	-	-
DK7		Console, overhead mini, includes map lights	-	-	-	-	-	-	-	-
K34		Cruise control, electronic with set and resume speed, includes tilt/steer in instrument panel cluster	-	-	-	-	-	-	-	-
C49		Delcogger, rear-window, electric 1. Not available with (A28) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order 2. Not available with (A28) Window, rear sliding.	A ¹	■ ¹	■ ²	■ ²	■ ²	■ ²	■ ²	■ ²
AU3		Door locks, power 1. Available with Fleet and Government order types only.	A ¹	A	■	■	■	■	■	■
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1. Available with Fleet and Government order types only. 2. May be substituted with (B59) Floor covering, rubberized vinyl.	A ¹	A	□ ¹	■	■	■	■	■
AU0		Keyless entry, includes 2 transmitters, panic button and content theft alarm	-	-	-	■	■	■	■	■
DF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	-	■	■	■	■	■
"D		Seat trim, Custom Cloth	A	■	■	■	■	■	■	■
"2		Seat trim, leather 1. Not available on Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl bench. - Crew cab includes front and rear leather appointed seating surfaces.	-	-	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1. Requires (T7D) Seat trim, Custom Cloth.	A ¹	■ ¹	■	-	-	-	-	-

2006 Chevrolet Truck Silverado EQUIPMENT GROUPS
2500HD

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed in Equipment Groups. Additional options may be added, check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, * indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Codes are for internal use only and should not be ordered.

RPO Code	Ref. Code	Description	Rear Truck				Ext. and Crew Cab			
			197 ¹	LS ¹	LT ¹	LTZ ¹	LTZ ¹	LTZ ¹	LTZ ¹	LTZ ¹
A55		Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	-	-	-	-	-	-	-	-
A13		Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	-	-	-	-	-	-	-	-
AG1		Seat adjuster, power, driver 6-way 1. Included with (T2) Seat trim, leather on Extended and Crew Cab Models. 2. (V7U) Snow Plow Prep Package, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	A ¹	■	■	■	■	■
AG2		Seat adjuster, power, front passenger 10-way 1. Included and only available with (AN3) Seats, front power reclining full-feature buckets.	-	-	-	-	-	-	-	-
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS). 1. Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■	■	□ ¹	-	-	-
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	-	-	-	-	A	■	■	■
UC3		Sound system feature, audio speakers	-	-	-	■	-	-	-	-
UC7		Sound system feature, Bose Premium speaker system	-	-	-	-	-	-	-	-
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC), Provides access to enhanced Driver Information Center (DIC) features and information	-	-	-	A	A	■	■	■
UK6		Sound system feature, rear audio controls, includes dual telephone jacks (headphones not included), power outlet and controls for volume, station selection and media 1. Requires Crew Cab Models.	-	-	-	-	■ ¹	■ ¹	■ ¹	■ ¹
NP5		Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	-	■	■	■	■	■
A31		Windows, power, includes driver and passenger express-down bumper, rear, chrome step, includes pad 1. Not available with (ZV9) Pickup bed, delete.	-	-	-	■	■	■	■	■
VB3			A ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹

2006 Chevrolet Truck Silverado
2500HD

2006 Chevrolet Truck Silverado
2500HD

Fire Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab				Ext. and Crew Cab			
			Week Truck TWT	LS LS1	L11 LS1	L12 LS1	Week Truck TWT	LS LS1	L11 LS1	L12 LS1
T96		1 - Equipment groups 1WT, 1LS, and 1LT available on C-25503, C-25753, C-25743, C-25553, and C-25943 Models. 2 - Equipment group 3LT available on C-25753, C-25743, C-25553, and C-25943 Models. Fog lamps, front, halogen 1 - With 2WD Models requires (V76) Recovery hooks, front, frame-mounted. Not available with (ZW9) Pickup bed, delete. 2 - Not available with (ZW9) Pickup bed, delete.	-	-	A ¹	■ ²	-	-	■ ²	■ ²
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield) 1 - With Extended Cab Models, includes rear window and rear side mirror. 2 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	■ ¹	■ ¹	-	-	-	-
DL8		Mirrors, outside rearview, manual folding, power, heated, Black 1 - Upgradeable to (DPN) Mirrors, outside rearview, power folding, power heated, (DPN) Mirrors, vertical camper, outside rearview, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 2 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass	-	-	□ ¹	□ ¹	-	-	□ ¹	-
D.L3		Mirrors, outside rearview, power folding, power, heated, Black 1 - Upgradeable to (DPN) Mirrors, outside rearview, power folding, power heated, (DPN) Mirrors, vertical camper, outside rearview, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 2 - Upgradeable to (DPN) Mirrors, outside rearview, power folding, power, heated, Black	-	-	A ¹	A ¹	-	-	A ¹	□ ²
B85		Moldings, body-side 1 - Moldings are Black and not available with (ZW9) Pickup bed delete. 2 - Moldings are color-keyed and not available with (ZW9) Pickup bed delete. Refer to Color and Trim Chart for compatibility.	-	A ¹	■ ²	■ ²	-	-	■ ²	■ ²
V76		Recovery hooks, front, frame-mounted 1 - Standard on 4WD Models.	A ¹	A ¹	A ¹	■	-	-	-	-
PY2		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug chrome-styled steel, includes chrome center caps and steel spare 1 - Upgradeable to (PY9) Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum. 2 - Upgradeable to (PY9) Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	-	■	□ ¹	□ ¹	-	-	□ ¹	-
PY0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	-	-	A	A	-	-	A	■
NP1		Transfer case, electronic shift, includes push-button controls 1 - Requires 4WD Models. - Requires (MT1) Transmission, 4-speed electronic, heavy-duty or (MT7) Transmission, Allison 1000 6-speed automatic.	-	-	A ¹	■ ¹	-	-	A ¹	■ ¹
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	A ¹	■ ¹	-	-	A ¹	■ ¹

Fire Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab				Ext. and Crew Cab			
			Week Truck TWT	LS LS1	L11 LS1	L12 LS1	Week Truck TWT	LS LS1	L11 LS1	L12 LS1
CJ3		1 - Equipment groups 1WT, 1LS, and 1LT available on C-25503, C-25753, C-25743, C-25553, and C-25943 Models. 2 - Equipment group 3LT available on C-25753, C-25743, C-25553, and C-25943 Models. Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1 - Required and only available with (VYU) Snow Plow Prep Package is ordered.	S	S	S	A ¹	-	-	-	-
C42		Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-	-	-	-	-
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Extended and Crew Cab Models. - Not available with (VYU) Snow Plow Prep Package. 2 - Must be substituted with (CJ9) Air conditioning, dual-zone, manual when (VYU) Snow Plow Prep Package is ordered.	-	-	-	□ ²	-	-	A ¹	□ ²
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	-	-	-	-
C49		Defogger, rear-window, electric 1 - Not available with (A28) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order types only. 2 - Not available with (A28) Window, rear sliding.	A ¹	■ ²	■ ²	■ ²	-	-	-	-
AU3		Door locks, power 1 - Available with Fleet and Government order types only.	A ¹	A	■	■	-	-	-	-
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with (922) Medium Gray Leather Interior Trim.	S	S	S	A ¹	-	-	-	-
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B69) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■	-	-	-	-
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information 1 - Requires 4WD Models. - Requires (MT1) Transmission, 4-speed electronic, heavy-duty or (MT7) Transmission, Allison 1000 6-speed automatic. 2 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	-	-	-	A ¹	-	-	A ¹	A ¹
PDB		OnStar Plus Package, includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires 4WD Models. - Requires (MT1) Transmission, 4-speed electronic, heavy-duty or (MT7) Transmission, Allison 1000 6-speed automatic. 2 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	-	-	-	A ¹	-	-	A ¹	A ¹

2006 Chevrolet Truck Silverado 2500HD

ADDITIONAL OPTIONS			Reg. Ext. and Crew Cab				Ext. and Crew Cab	
Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1W1	LS 1L5	L71 1L7	L72 1L7	L73 2L7	
1- Equipment groups 1W1, 1L5 and 1L7 available on C75593, C72573, C73574, C75593, and C75943 Models. 2- Equipment group 3L7 and 3L7 available on C73573, C73574, C75593 and C75943 Models								
V76		Recovery hooks, front, frame-mounted 1- Standard on 4WD Models.	A ¹	A ¹	A ¹	■	■	
BVE		Regular production accessory, Assist steps, chrome plated tubular, stainless steel. Designed to match the chrome vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
BVS		Regular production accessory, Assist steps, Black coated tubular, stainless steel. Designed to match the black vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
PPB		Regular production accessory, Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
PUB		Regular production accessory, Pickup bed protectors, Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (ZW9) Pickup bed, delete, (ES9) Regular production accessory, Tonneau cover, Black, hard, folding, lockable. 1- Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
ES9		Regular production accessory, Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded or (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
EN6		Regular production accessory, Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1- Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded or (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	
SAF		Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door. 1- Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	

2006 Chevrolet Truck Silverado 2500HD

ADDITIONAL OPTIONS							
Free Flow RPO Code	Paid Only RPO Code	Description	New Truck MT*	LQ LLS*	L19 "LT"	Ext. and Crew Cab	Ext. and Crew Cab
		1 : Equipment groups 1WT, 1LS, and 1LT available on C-25903, C-25753, C-25743, C-25953, and C-25943 Models. 2 : Equipment group 2LT and 1LT available on C-25753, C-25743, C-25953 and C-25943 Models					
QIW		Tires, LT245/75R16E, on-off-road, blackwall Includes all tires (ZHH) Tires, spare LT245/75R16E, all-season, blackwall (E63) Pickups and Prietida box. - Includes 4 tires with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹
ZHH		Tire, spare LT245/75R16E, all-season, blackwall, located at rear underbody of vehicle 1 - Requires C-259-T Models and (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹
PV0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	-	-	A	A	■
K47		Air cleaner, high-capacity 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V6, - 1 - Not available with (LTY) Training equipment, heavy-duty. - Included with (VYL) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹	A ¹
KL5		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas 1 - Requires (LQ4) Engine, Vortec 6000 V6 SFI and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹	A ¹
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps 1 - Not available with (LTY) Engine, Duramax 6600 Turbo Diesel V6.	A ¹	A ¹	A ¹	A ¹	A ¹
G80		Differential, locking, heavy-duty, rear	A	A	A	A	A
F69		Emissions, Federal requirements	A	A	A	A	A
YF5		Emissions, California state requirements	A	A	A	A	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle), Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont.	A	A	A	A	A
NB8		Option (YF5) should be ordered for all vehicles ordered in California. Option (NET) should be ordered for all vehicles ordered in Maine or Vermont. Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions). 1 - Requires (FE0) Emissions. Exceed requirements.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado PEG STAIRSTEP 2500HD						
S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable No deletions allowed to Equipment Groups. Additional options may be added, check ordering information section for compatibility. *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.						
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Ext. and Crew Cab		
		1 - Equipment groups 4WD, 1LS, and 1LT available on C*25903, C*25753, C*25743, C*25855, and C*25843 Models. 2 - Equipment group 2LT and 3LT available on C*25753, C*25743, C*25853 and C*25843 Models	Reg. Truck 1997	LT1 14.7' LT2 14.7'		
V83		Bumper, rear, chrome step	■	■		
K34		Cruise control	■	■		
C49		Defogger, rear-window, electric	■	■		
U80	---D	Seat trim, Custom Cloth	■	■		
		Sound system, ETR AM/FM stereo with CD player	■	□ ¹		
		1 - Upgradeable to (UC3) Sound system, ETR AM/FM stereo with 6-disc CD changer.	■	■		
PY2		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug chrome-styled steel	■	□ ¹		
		1 - Upgradeable to (PY0) Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum.	■	■		
AE7		Seats, front 40/20/40 split-bench, 3-passenger	■	■		
DK7		Console, overhead mini	■	■		
AU3		Door locks, power	■	■		
B30		Floor covering, color-keyed carpeting	■	■		
		1 - May be substituted with (B69) Floor covering, rubberized vinyl.	□ ¹	■		
AJ1		Glass, Solar-Ray deep tinted	■	■		
AU0		Keyless entry, remote	■	■		
DF5		Mirror, inside rearview	■	■		
B85		Moldings, body-side	■	■		
NP5		Steering wheel, leather-wrapped rim	■	■		
A31		Windows, power	■	■		
DL6		Mirrors, outside rearview, manual folding, power, heated, Black	■	■		
		1 - Upgradeable to (DL3) Mirrors, outside rearview, power folding, power heated or (DPN) Mirrors, vertical camper, outside rearview.	□ ¹	■		
UC3		Sound system feature, audio speakers	■	■		
CJ2		Air conditioning, dual-zone, automatic	■	□ ¹		
		1 - Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (YU) Snow Plow Prep Package is ordered.	■	■		
D07		Console, floor	■	■		
T96		Fog lamps, front	■	■		
V76		Recovery hooks, front, frame-mounted	■	■		

2006 Chevrolet Truck Silverado PEG STAIRSTEP 2500HD						
Free Flow RPO Code	RFL Only RPO Code	Description	Area Truck 1997	Reg. Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment groups 1W1, 1LS, and 1LT available on C*25933, C*25153, C*25743, C*25953, and C*25943 Models. 2 - Equipment group 2LT and 3LT available on C*25753, C*25743, C*25953 and C*25943 Models		1LS 1LT	1LS 1LT	1LS 1LT
AG1		Seat adjuster, power, driver 6-way				■
	UQ7	Sound system feature, Bose Premium speaker system				■
	UX6	Sound system feature, rear audio controls				■
NP1		Transfer case, electronic shift				■
MT1		Transmission, 4-speed automatic, heavy-duty				■
	AG5	Seats, front reclining buckets				■
DL3		Mirrors, outside rearview 1 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview. - Includes curb-dill when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.				□ ¹
	AG2	Seat adjuster, power				■
	AN3	Seats, front power reclining full-feature buckets				■
	**2	Seat trim, leather				■
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer				■
UK3		Sound system feature, steering wheel mounted radio controls				■
PY0		Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum				■

2006 Chevrolet Truck Silverado
2500HD

INTERIOR

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and Allowed drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description	Rear Truck					Ext and Crew Cab				
			1LT ¹	LS ²	LT ³	LTZ ⁴	LTZ ⁵	1LT ¹	LS ²	LT ³	LTZ ⁴	LTZ ⁵
		1. Equipment group 1WT, 1LS, and 1LT available on C73593, C73593, C73593, C73593, and C73593 Models. 2. Equipment group 2LT and 2LT available on C73593, C73593, C73593 and C73593 Models.										
		Air bags, front, driver and right front passenger 1. Requires Extended Cab Models. Includes passenger side destination switch. - Always use safety belts and proper child restraint, even with air bags. Children are safer when properly restrained, rear seat. See the Owner's Manual for more safety information.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1. Required and only available with (VTV) Snow Prep Package is ordered.	S	S	S	S	A ¹	S	S	A ¹	A ¹	A ¹
		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1. Required and only available with (VTV) Snow Prep Package is ordered.	A ¹	-	-	-	-	-	-	-	-	-
		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1. Requires Extended and Crew Cab Models. - Not available with (VTV) Snow Prep Package. 2. Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VTV) Snow Prep Package is ordered.	-	-	A ¹	□ ²	□ ²	-	-	□ ²	□ ²	□ ²
		Assist handle, front passenger 1. Also includes rear outboard passenger assist on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S	S	S	S	S	S	S
		Coat hook, driver side 1. Also includes passenger side coat hook on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Console, floor, includes storage compartment and dual cupholders	-	-	-	-	■	-	-	■	■	■
		Console, overhead mini, includes map lights 1. Not available with (CF3) Sunroof, power.	-	-	-	■	■ ¹	-	-	■ ¹	■ ¹	■ ¹
		Console, overhead deluxe 1. Included and only available with (CF3) Sunroof, power.	-	-	-	-	A ¹	-	-	A ¹	A ¹	A ¹
		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	■	■	■	■	■	■
		Cupholders, front 1. Also includes rear cupholders on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹

2006 Chevrolet Truck Silverado
2500HD

INTERIOR

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and Allowed drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description	Rear Truck					Ext and Crew Cab				
			1WT ¹	LS ²	LT ³	LTZ ⁴	LTZ ⁵	1WT ¹	LS ²	LT ³	LTZ ⁴	LTZ ⁵
		1. Equipment group 1WT, 1LS, and 1LT available on C73593, C73593, C73593, C73593, and C73593 Models. 2. Equipment group 2LT and 2LT available on C73593, C73593, C73593 and C73593 Models.										
		Defogger, rear-window, electric 1. Not available with (A28) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order. 2. Not available with (A28) Window, rear sliding.	A ¹	■ ²	■ ²	■ ²	■ ²	A ¹	A	■	■	■
		Door locks, power 1. Available with Fleet and Government order types only.	A ¹	A	■	■	■	A ¹	A	■	■	■
		Driver Information Center, monitors numerous systems depending on vehicle equipment	S	S	S	S	S	S	S	S	S	S
		Floor covering, rubberized vinyl, Black 1. Not available with (B22) Medium Gray Leather Interior Trim.	S	S	A ¹	-	-	S	S	A ¹	-	-
		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1. Available with Fleet and Government order types only. 2. May be substituted with (B69) Floor covering, rubberized vinyl, trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	A ¹	A	□ ²	■	■	A ¹	A	□ ²	■	■
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S	S	S	S	S	S	S
		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	-	-	■	■	■	-	-	■	■	■
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S	S	S	S	S	S	S
		Mirror, inside rearview, manual day/night 1. Mirror, inside rearview, electrochromic (light-sensitive auto dimming), Bi-point compass and outside temperature indicator	S	S	-	-	-	S	S	-	-	-
		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information 1. Requires (UK3) Sound system feature, steering wheel mounted radio controls, visit www.onstar.com for system information and details. Not available with a ship to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹	A ¹	-	-	A ¹	A ¹	A ¹
		OnStar Plus Package, includes (UK3) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1. Requires Extended or Crew Cab Models. Package does not include (UK3) Sound system feature, XM Satellite Radio when ordered on Extended or Crew Cab Models. Not available with a ship to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹	A ¹	-	-	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado
2500HD INTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg, Ext and Crew Cab				
			Reg. Truck 19F1	LS 1L3	LTZ 1L3	LTZ 2L3	LTZ 3L3
		1. Equipment Group 19F1, LTZ and LTZ available on C-2500, C-2500HD, C-2500HD and C-2500HD models. 2. Equipment Group 2L3 and 3L3 available on C-2500, C-2500HD, C-2500HD and C-2500HD models.					
		Theft-deterrent system, PASSLOCK II	S	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S	S
	UG1	Universal Home Remote 1. Included and only available with (CF5) Sunroof, power, door trim, extenders, pocket on driver side and vanity mirror on passenger side	-	-	-	A ¹	A ¹
		Visors, padded, State-colored, driver and passenger side with door trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S	S
	A31	Windows, power, includes driver and passenger express-down	-	-	■	■	■
A28		Window, rear sliding manual, deep-litnd requires (A1) Glass, Solar-Ray deep tinted. - Deletes or not available with (ZM9) Pickup bed, delete. Not available with (ZM9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado
2500HD EXTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg, Ext and Crew Cab				
			Reg. Truck 19F1	LS 1L3	LTZ 1L3	LTZ 2L3	LTZ 3L3
		1. Equipment Group 19F1, LTZ and LTZ available on C-2500, C-2500HD, C-2500HD and C-2500HD models. 2. Equipment Group 2L3 and 3L3 available on C-2500, C-2500HD, C-2500HD and C-2500HD models.					
		Air dam, Gray	S	S	S	S	S
	V43	Bumper, front, chrome, with Gray lower	S	S	S	S	S
		Bumper, rear, painted step, includes pad 1. Not available with (ZM9) Pickup bed, delete.	S ¹	-	-	-	-
V83		Bumper, rear, chrome step, includes pad 1. Not available with (ZM9) Pickup bed, delete.	A ¹	■ ¹	■ ¹	■ ¹	■
VF7		Bumper, rear, delete (vehicles registered in certain states must have a rear bumper to be operated on their roads, consult local laws) 1. Not available with (ZM9) Pickup bed, delete.	A ¹	A ¹	A ¹	-	-
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S	S
T96		Fog lamps, front, halogen 1. With ZM9 Models requires (VF8) Recovery hooks, front, chrome, with (ZM9) Pickup bed, delete. 2. Not available with (ZM9) Pickup bed, delete.	-	-	A ¹	■ ²	■ ²
		Glass, Solar-Ray light tinted, all windows	S	S	-	-	-
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield) 1. With Extended Cab Models, includes rear window and rear side window, rear window, rear window, electric, includes light-tinted rear.	A ¹	A ¹	■ ¹	■ ¹	■ ¹
	1R3	Grille, color-keyed surround, with chrome accent bar	S	S	S	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S	S
U01		Lamps, amber roof marker 1. Not available with (VF8) Emissions, California state requirements.	A ¹	A ¹	A ¹	A ¹	A ¹
		Lamps, dual cargo area lamps	S	S	S	S	S
DE2		Mirrors, outside rearview, foldaway, manual, Black, adjustable	S	S	-	-	-
DF2		Mirrors, outside rearview, foldaway, manual, camper-style, Black, high visibility, extendable, includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" [218.4 cm])	A	A	-	-	-

2006 Chevrolet Truck Silverado 2500HD									
Free Flow RPO Code	Part Only RPO Code	Description	Page, Ext and Crew Cab			Ext. and Crew Cab			
			Work Truck 1987	L3 L3*	L3 L3*	L3 L3*	L3 L3*	L3 L3*	
	DL3	Mirrors, outside rearview, manual folding, power, heated, Black 1 - Upgradeable to (DL3) Mirrors, outside rearview, power heated or (DPN) Mirrors, outside rearview, power heated, Black Mirrors, outside rearview, power folding, power heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1 - Cup-billi feature requires (UK3) Sound system feature, steering wheel mounted radio controls. 2 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	-	-	-	□ ¹	□ ¹	-	-
	DL3	Mirrors, outside rearview, power folding, power heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1 - Cup-billi feature requires (UK3) Sound system feature, steering wheel mounted radio controls. 2 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	-	-	-	A ¹	A ¹	□ ²	□ ²
	DPN	NEV ¹ Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	-	-	-	A	A	A	A
	B65	Moldings, body/side 1 - Moldings are Black and not available with (ZW9) Pickup bed delete. 2 - Moldings are color-keyed and not available with (ZW9) Pickup bed delete. - Refer to Color and Trim Chart for compatibility.	-	A ¹	-	■ ¹	■ ¹	■ ¹	■ ¹
	ZY1	Paint, solid	S	S	S	S	S	S	S
	E65	Pickup bed, Fleetside box	S	S	S	S	S	S	S
	ZW9	Pickup bed, delete 1 - Requires C-2553 Models.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	V76	Recovery hooks, front, frame-mounted 1 - Standard on 4WD Models.	A ¹	A ¹	A ¹	■	■	■	■
	BVE	Regular production accessory, Assist steps, chrome plated tubular, stainless steel. Designed to match the chrome vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	BVS	Regular production accessory, Assist steps, Black coated tubular, stainless steel. Designed to match the black vehicle trim accents. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	PP8	Regular production accessory, Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 2500HD									
Free Flow RPO Code	Part Only RPO Code	Description	Page, Ext and Crew Cab			Ext. and Crew Cab			
			Work Truck 1987	L3 L3*	L3 L3*	L3 L3*	L3 L3*	L3 L3*	
	PUB	1 - Equipment groups 1WT, 4LS, and 4LT available on C-25503, C-25753, C-25743, C-25553, and C-25843 Models. 2 - Equipment group 2LT and 3LT available on C-25753, C-25743, C-25553 and C-25843 Models	-	-	-	□ ¹	□ ¹	-	-
	E95	Regular production accessory, Pickup bed protectors, Top side rails, Black molded. The protectors are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete, (E95) Regular production accessory, Tonneau cover, Black, soft, or (EN6) Regular production accessory, Tonneau cover, Black, hard, folding, lockable.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	EN6	Regular production accessory, Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded or (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	EN6	Regular production accessory, Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (PUB) Regular production accessory, Pickup bed protectors, Top side rails, Black molded or (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	SAF	Tire carrier, outside spare, wheel-type mounted under frame at rear	S	S	S	S	S	S	S
	SAF	Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	QIZ	Tires, LT245/75R16E, all-season, blackwall 1 - Includes 5 tires with (E65) Pickup bed, Fleetside box. - Includes 4 tires with (ZW9) Pickup bed, delete.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
	QIW	Tires, LT245/75R16E, on/off-road, blackwall 1 - Includes 4 tires with (ZW9) Pickup bed, Fleetside box. - Includes 4 tires with (E65) Pickup bed, Fleetside box. - Includes 4 tires with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	ZHH	Tire, spare LT245/75R16E, all-season, blackwall, located at rear underbody of vehicle 1 - Requires C-2553 Models and (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	PY2	Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted steel, includes chrome center caps and steel spare 1 - Upgradeable to (PY0) Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum.	-	-	-	■	■	■	■
	PY0	Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare	-	-	-	-	-	-	-
	B71	Wheel flares 1 - Refer to Color and Trim chart for compatibility. - Front only when (ZW9) Pickup bed, delete is ordered.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 2500HD MECHANICAL

S = Standard Equipment A = Available — (dash) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.												
Codes listed in the shaded column titled Ret. Only RPO Code are for internal use only and should not be ordered.												
Free Flow RPO Code	Ret. Only RPO Code	Description	Rear, Box and Crew Cab				Ext and Crew Cab					
			Max Tow 10k ¹	L5 11.5 ²	L11 11.1 ³	L13 10.1 ⁴	L15 10.1 ⁵	L17 8.1 ⁶				
K47		Air cleaner, high-capacity 1. Included with (L1V) Engine, Duramax 6600 Turbo Diesel V8, - included with (Z22) Trailing equipment, heavy-duty. - Included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹	A ¹					
K45		Alternative fuel conversions, conversion-ready engine, propane gas 1. Requires (LQ4) Engine, Vortec 6000 V6 SFI and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹	A ¹					
K68		Alternator, 105 amps 1. Not available with (VYU) Snow Plow Prep Package.	S ¹	S ¹	S ¹	S ¹	S ¹					
KG3		Alternator, 145 amps 1. Included and only available with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹	A ¹					
TP2		Battery, heavy-duty, 600 cold-cranking amps. Includes rundown protection and retained accessory power 1. Not standard with (L1V) Engine, Duramax 6600 Turbo Diesel V8.	S ¹	S ¹	S ¹	S ¹	S ¹					
TC3		Battery, auxiliary heavy-duty, 600 cold-cranking amps 1. Not available with (L1V) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹					
		Battery, heavy-duty dual, 770 cold-cranking amps. Includes rundown protection and retained accessory power 1. Included and only available with (L1V) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹					
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	S	S					
KC4		Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator	S	S	S	S	S					
K4P		Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil 1. Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty or (MW7) Transmission, Allison 1000 4-speed automatic.	A ¹	A ¹	A ¹	A ¹	A ¹					
		Cooling, internal transmission oil cooler, water-to-oil, integral to driver side of radiator tank 1. Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty. - Included and only available with (MW7) Transmission, Allison 1000 4-speed automatic.	A ¹	A ¹	A ¹	A ¹	A ¹					
G80		Differential, locking, heavy-duty, rear	A	A	A	A	A					
FE9		Emissions, Federal requirements	A	A	A	A	A					
YF5		Emissions, California state requirements	A	A	A	A	A					

2006 Chevrolet Truck Silverado 2500HD MECHANICAL

Free Flow RPO Code	Ret. Only RPO Code	Description	Rear, Box and Crew Cab					Ext and Crew Cab					
			Max Tow lb ¹	L5 lb ²	L11 lb ³	L12 lb ⁴	L13 lb ⁵	L14 lb ⁶	L15 lb ⁷	L16 lb ⁸	L17 lb ⁹		
		1. Equipment group 11V, L15, and L17 available on C25133, C25135, C25143, C25145, C25153, and C25155 Models. 2. Equipment group 2L1 and 2L2 available on C25133, C25143, C25153 and C25155 Models											
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A	A	A	A	A	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle), Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (V15) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A	A	A	A	A	A	A	A	A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions). 1 - Requires (FE9) Emissions, Federal requirements.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions). 1 - Requires (FE9) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
K05		Engine block heater 1 - Included with (L1V) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
	LQ4	Engine, Vortec 6000 V8 SFI (300 HP (223.8 kW) @ 4400 rpm, 360 lb.-ft. (486.6 N-m) @ 4000 rpm)	S	S	S	S	S	S	S	S	S	S	S
L18		Engine, Vortec 6100 V8 SFI (330 HP (245.8 kW) @ 4200 rpm, 450 lb.-ft. (607.5 N-m) @ 3200 rpm)	A	A	A	A	A	A	A	A	A	A	A
LLY		Engine, Duramax 6600 Turbo Diesel V8, (with Manual Transmissions 300 HP (223.8 kW) @ 3000 rpm, 520 lb.-ft. (702.0 N-m) @ 1600 rpm) (with Automatic Transmissions 310 HP (231.2 kW) @ 3000 rpm, 605 lb.-ft. (816.8 N-m) @ 1600 rpm) 1 - Includes (TC3) Battery, heavy-duty dual, 770 cold-cranking amps, (K63) Engine block heater and (K47) Air cleaner, high-capacity, included with (L1V) Engine, Duramax 6600 Turbo Diesel with (L1V) Engine, Duramax 6600 Turbo Diesel.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
V10		Covers, radiator grille and front bumper openings, for diesel engines in winter weather 1 - Requires (L1V) Engine, Duramax 6600 Turbo Diesel V8 and is standard on New Hampshire, Vermont, Minnesota, North Dakota, South Dakota, Montana, Alaska, Idaho, Wisconsin, Wyoming, Michigan, Colorado and New York.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
		Exhaust, aluminum stainless-steel muffler and tailpipe	S	S	S	S	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 2500HD									
MECHANICAL									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab Work Truck WT*	LT LT*	LT1 LT1*	LT2 LT2*	LT3 LT3*	LT4 LT4*	LT5 LT5*
		1 - Equipment groups 1W7, 1L5 and 1L7 available on C-25903, C-25731, C-25743, C-25953, and C-25943 Models. 2 - Equipment groups 1W7, 1L5 and 1L7 available on C-25731, C-25743, C-25953 and C-25943 Models.							
		Frame, ladder-type, hydroformed	S	S	S	S	S	S	S
	CBW	GVWR, 9200 lbs. (4173 kg)	S	S	S	S	S	S	S
		1 - Must specify on C-25903, C-25731, and C-25743 Models.	S	S	S	S	S	S	S
PDN		Heavy-Duty Power Package, includes (LLV) Engine, Duramax 6600 Turbo Diesel V8, (MM7) Transmission, Allison 1000 6-speed automatic and (G60) Differential, locking, heavy-duty, rear	A	A	A	A	A	A	A
GT4		Rear axle, 3.73 ratio	A	A	A	A	A	A	A
		1 - Refer to Engine/Axle Chart for availability.	A	A	A	A	A	A	A
	GT5	Rear axle, 4.10 ratio	S	S	S	S	S	S	S
		1 - Refer to Engine/Axle Chart for availability.	A	A	A	A	A	A	A
NZZ		Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields	A	A	A	A	A	A	A
		1 - Requires 4WD Models. 2 - Included with (VYU) Snow Plow Prep Package.	A	A	A	A	A	A	A
VYU		Snow Plow Prep Package, includes 10-amp power for backup and roof emergency light, 145-amp alternator, high-flow front bumper, forward lamp wiring harness, 1.65" (42 mm) access hole with grommet in front of dash panel, mounting location for snow plow controls, instrument panel jumper wiring harness for electric trailer brake controller, includes (NZZ) Skid Plate Package and (K47) Air cleaner, high capacity	A	A	A	A	A	A	A
		1 - Requires 4WD Models and not available with (CJ2) Air cleaner, high capacity. 2 - Not available with (LLV) Engine, Duramax 6600 Turbo Diesel V8. 3 - Not available with (LLV) Engine, Duramax 6600 Turbo Diesel V8. 4 - With Models C-25731-43 requires (LQ4) Engine, Vortec 6000 V8 SFI.	A	A	A	A	A	A	A
		Steering, power	S	S	S	S	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S	S	S	S	S
		Suspension, rear, semi-elliptic 2-stage multi-leaf springs	S	S	S	S	S	S	S
Z55		Suspension Package, Handling/Trailing, heavy-duty, includes 36mm piston monobloc shocks	S	S	S	S	S	S	S
Z82		Trailing equipment, heavy-duty, includes trailing hitch platform, 7-wire harness (harness includes wires for: park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailing circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity	A	A	A	A	A	A	A
		1 - Not available with (ZWS) Pickup bed, delete or (VFT) Bumper, delete. 2 - Not available with (ZWS) Pickup bed, delete.	A	A	A	A	A	A	A

2006 Chevrolet Truck Silverado 2500HD									
MECHANICAL									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab Work Truck WT*	LT LT*	LT1 LT1*	LT2 LT2*	LT3 LT3*	LT4 LT4*	LT5 LT5*
UY2		1 - Equipment groups 1W7, 1L5 and 1L7 available on C-25903, C-25731, C-25743, C-25953, and C-25943 Models. 2 - Equipment groups 1W7, 1L5 and 1L7 available on C-25731, C-25743, C-25953 and C-25943 Models.	A	A	A	A	A	A	A
		Trailer wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness	A	A	A	A	A	A	A
		1 - Requires (Z82) Trailering equipment, heavy-duty.	A	A	A	A	A	A	A
	NP2	Transfer case, floor-mounted shifter	S	S	S	S	S	S	S
		1 - Requires 4WD Models and (AET) Seats, front 40/20/40 split-bench.	S	S	S	S	S	S	S
NP1		Transfer case, electronic shift, includes push-button controls	-	-	A	A	A	A	A
		1 - Requires 4WD Models. 2 - Requires (MT1) Transmission, 4-speed automatic, heavy-duty or (MM7) Transmission, Allison 1000 6-speed automatic.	-	-	A	A	A	A	A
	MM3	Transmission, 5-speed manual with overdrive	S	S	S	S	S	S	S
		1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI and (AET) Seats, front 40/20/40 split-bench.	S	S	S	S	S	S	S
MT1		Transmission, 4-speed automatic, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler	A	A	A	A	A	A	A
		1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A	A	A	A	A	A	A
ML6		Transmission, 5-speed manual, heavy-duty with overdrive	A	A	A	A	A	A	A
		1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI and (AET) Seats, front 40/20/40 split-bench. 2 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A	A	A	A	A	A	A
MM7		Transmission, Allison 1000 6-speed automatic, electronically controlled with overdrive and electronic engine grade braking, includes tow/haul mode selector and (KNP) Cooling, external transmission oil cooler	A	A	A	A	A	A	A
		1 - Requires (LLV) Engine, Duramax 6600 Turbo Diesel V8 or (L16) Engine, Vortec 6000 V8 SFI.	A	A	A	A	A	A	A

2006 Chevrolet Truck Silverado 2500HD ENGINE/AXLE

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Model	Engine	Transmission				Axles		
		MW3 5-Speed Manual with OD	MT1 4-Speed Automatic with OD	ML6 6-Speed Manual with OD	MW7 Allison 1000 6-Speed Automatic with OD	G14 3.73	G15 4.10 (4173)	G16 4.10 (4173)
CC35**3	LC4 Vortec 6000 V8 SFI	S	A	-	-	-	S	S
	LT8 Vortec 8100 V8 SFI	-	-	A	A	A ³	S ²	S
	LLY Duramax 6600 Turbo Diesel V8	-	-	A	A	A	-	S
	LC4 Vortec 6000 V8 SFI	S	A	-	-	-	S	S
	LT8 Vortec 8100 V8 SFI	-	-	A	A	A ³	S ²	S
CK35**3	LLY Duramax 6600 Turbo Diesel V8	-	-	A	A	A	-	S

1 - Not available with T-20 Sport trim, Leather. - Requires (AET) Seats, front 40/20/40 split-bench.
 2 - Requires (ZVW) Pickup bed, delete with C-25903, C-25943 or C-25953 Models when (YF5) Emissions, California state requirements, (L18) Engine, Vortec 8100 V8 SFI and (ML6) Transmission, 6-speed manual heavy-duty are specified. - Not available on C-25733 or C-25735 Models with (YF5) Emissions, California state requirements or (NE7) Emissions, New York, Vermont, Massachusetts or Maine state requirements. (L18) Engine, Vortec 8100 V8 SFI and (ML6) Transmission, 6-speed manual heavy-duty are specified.
 3 - Requires (MW7) Transmission, Allison 1000 6-speed automatic. - Not available on C-25903 with (ZVW) Pickup bed, delete.

2006 Chevrolet Truck Silverado 2500HD COLOR AND TRIM - SOLID PAINT ZY1

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Exterior Solid Paint	Exterior Color Code	Trim Type	Trim Code	Seat Type	Seat Code	Interior	
						Tan	Dark Charcoal
Work Truck / LS	From 40/20/40 split-bench without fold-down armrest	AET	Vnyl	52V	69V	-	-
Work Truck / LS	From 40/20/40 split-bench without fold-down armrest	AET	Cloth ³	52C	69C	-	-
Work Truck / LS / LT1	From 40/20/40 reclining split-bench with fold-down armrest	AET	Custom Cloth	52D	69D	-	-
LT1	From 40/20/40 reclining split-bench with fold-down armrest	AET	Custom Leather ¹	522	692	922	-
LT2	Front power buckets with manual recline	A95 ²	Custom Cloth	52D	69D	-	-
LT2	Front power buckets with manual recline	A95	Custom Leather ¹	522	692	922	-
LT3	Front power reclining full-feature buckets	AN3	Custom Leather ¹	522	692	922	-

Exterior Solid Paint	Exterior Color Code	Trim Type	Trim Code	Seat Type	Seat Code	Interior	
						Tan	Dark Charcoal
Sandstone Metallic ³	15U	WA-928L	A	A	A	Sandstone Metallic	Graystone Metallic
NEW! Graystone Metallic	16U	WA-213W	A	A	A	Graystone Metallic	Black
Dark Blue Metallic	25U	WA-722J	A	A	A	Black	Black
Black	41U	WA-6555	A	A	A	Black	Black
NEW! Blue Granite Metallic ³	46U	WA-928L	A	A	A	Black	Black
Dark Green Metallic ³	47U	WA-9539	A	A	A	Dark Green Metallic	Summit White
Summit White	50U	WA-8624	A	A	A	Summit White	Silver Birch Metallic
Silver Birch Metallic	58U	WA-928L	-	A	A	Silver Birch Metallic	Black
Sport Red Metallic ²	63U	WA-817K	A	A	A	Black	Black
Victory Red	74U	WA-9280	A	A	A	Black	Black

Above interior trim combinations are the only combinations allowed.
 Note: Wheel flares are Black on Work Truck and LS models.
 1 - Not available with Regular Cab Models. - Leather seating surfaces on Extended Cab and Leather appointed, front and rear on Crew Cab Models.
 2 - Not available with Work Truck or LS Models.
 3 - Not available with Crew Cab Models.

2006 Chevrolet Truck Silverado 2500HD COLOR AND TRIM - SEO SOLID PAINT

S = Standard Equipment A = Available - (dashed) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.				
Order Level	Seat Type	Seat Code	Seat Trim	Interior
Work Truck / Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Vinyl	52V 69V
Work Truck / Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Cloth ¹	52C 69C
LS	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D 69D
LS	Front power buckets with manual recline	A95	Custom Cloth	52D 69D
LS	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather seat inserts ³	522 692
LS	Front power buckets with manual recline	A95 ²	Custom Leather seat inserts ³	522 692
LT	Front reclining buckets	AN3	Custom Leather seat inserts ³	522 692

Exterior Solid Paint	Color Code	Touch Up Paint Number	Interior	
			Tin	Dark Charcoal Medium Gray
Yellow	none	WA-5246	A	A
Blue Metallic	none	WA-5405	A	A
Yellow	none	WA-5445	A	A
Yellow	none	WA-5456	A	A
Blue	none	WA-5663	A	A
Green - Low Gloss	none	WA-6237	A	A
Tan - Low Gloss	none	WA-6238	A	A
Blue	none	WA-7154	A	A
Blue Metallic	none	WA-7159	A	A
Gray Metallic	none	WA-7840	A	A
Green	none	WA-7841	A	A
Green, Woodland	9V5	WA-9015	A	A
Deerskin Tan	9V9	WA-9403	A	A
Orange	none	WA-9408	A	A
Yellow	none	WA-9414	A	A

2006 Chevrolet Truck Silverado 2500HD COLOR AND TRIM - SEO SOLID PAINT

Tangler Orange	9W4	WA-9417	A	A	A
Orange	none	WA-9419	A	A	A
Indigo Blue	none	WA-9792	A	A	A
Light Autumnwood Metallic	none	WA-228A	A	A	A
Wheatland Yellow	9W3	WA-253A	A	A	A
Dark Toreador Red	none	WA-334D	A	A	A
Pewter	none	WA-382E	A	A	A
Blue	none	WA-769H	A	A	A
Orange	none	WA-770H	A	A	A
NEW! Green	none	WA-5758	A	A	A

All wheel flares will be Black.

1 - Not available with Crew Cab Models.

2 - Not available with Regular Cab Models.

3 - Not available with Regular Cab Models. - Leather seating surfaces on Extended Cab and Leather appointed front and rear on Crew Cab Models.

2006 Chevrolet Truck Silverado **SEO OPTIONS/SHIP THRU CODES**

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Codes are for internal use only and should not be ordered.

RPO Code	Ref.	Description	Rear, Ext. and Crew Cab			
			1997 ¹	LS ¹	LT ¹	LTZ ¹
6C7		Interior Console, roof with reading lamps (MSRP = \$55.00) Provides a short interior roof console with spot reading lamps and up-level headliner.		A	A	-
5B5		Power windows and mirrors (MSRP = \$738.00) with Regular Cab and Extended Cab Models (MSRP = \$815.00) with Crew Cab Models Provides power driver and passenger windows on a base trim level. Includes SEO (SM1) LH and RH outside power adjustable, manual folding, non heated mirrors and up level door panels. The mirror head is the same size and configuration as the base power mirror on LT décor. 1 - Requires RPO (AUJ) Door locks, power programmable.		A ¹	-	-
8C3		Real seat delete (MSRP = \$375.00 Credit) Provides deletion of the rear seat on Extended Cab Pickup and Chassis Cabs. Exposed areas will remain untrimmed. 1 - Available on Models C2533, C2533, Requires RPO (AET) Seats, front 40/20/40 split-bench.		A ¹	-	-
9U4		Remote keyless entry (MSRP = \$170.00) Provides remote keyless entry on LS Decor or Work Truck Decor pickup trucks. Includes two transmitters, and deletes the lock cylinder on the right hand door. 1 - Requires RPO (AUJ) Door locks, power and SEO (5B9) Power windows and mirrors.		A ¹	-	-
9U3		Seats, individual cloth (MSRP = No Charge) on Regular or Extended Cabs with Work Truck Decor. (MSRP = \$282.00 Credit) on Regular and Extended Cabs with LS Decor. (MSRP = \$282.00) on Crew Cabs with Work Truck Decor (MSRP = No Charge) on Crew Cabs with LS Decor Driver and passenger from individual seats in cloth trim (derived from RPO (AET) 40/20/40 Split Bench with center 20" section removed). Does not include manual lumbar. Seats are manual, not power. Does not include a floor or roof console. Cloth rear seat with trim matching front seats will be provided on Extended and Crew Cabs. 1 - Requires Trim codes (69C) Dark Charcoal or (52C) Neutral on Regular or Extended Cab Models. Requires Trim codes (69D) Dark SEO (52D) Neutral on Crew Cab Models. Not available with SEO (52D) Neutral on RPO (AS1) Seat adjuster, power, driver, 6-way.		A ¹	-	-

2006 Chevrolet Truck Silverado **SEO OPTIONS/SHIP THRU CODES**

S = Standard Equipment A = Available - (dash) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Codes are for internal use only and should not be ordered.

RPO Code	Ref.	Description	Rear, Ext. and Crew Cab			
			1997 ¹	LS ¹	LT ¹	LTZ ¹
9S1		Seats, individual vinyl (MSRP = \$282.00 Credit) on LS Decor and (MSRP = No Charge) on Work Truck Decor Driver and passenger from individual seats in vinyl trim (derived from RPO (AET) 40/20/40 Split Bench with center 20" section removed). Does not include manual lumbar. Seats are manual, not power. Does not include a floor or roof console. Standard vinyl rear seat with trim matching front seats will be provided on Extended Cabs. Note: When SEO (9S1) is desired, do not attempt to have RPO (AET) on the order along with 9S1. Also, RPO (A95) will be forced onto the order due to system requirements, although seat is derived from RPO (AET). 1 - Requires Trim codes (69V) Dark Charcoal or (52V) Neutral. Not available with RPO (A91) Seat adjuster, power, driver, 6-way.		A ¹	-	-
9R3		Sound system, delete (MSRP = No Charge) Deletes the base sound system and provides a storage compartment and a driver alert chime-one module. Retains the antenna and base speaker system. 1 - Requires a fleet or government sales order.		A ¹	-	-
9R0		Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor AM/FM stereo with cassette and digital clock, no CD player. Replaces the base radio. 1 - Requires a fleet or government sales order. Requires RPO (AET) Seats, front 40/20/40 split-bench on LS.		A ¹	A ¹	-
8S3		Backup alarm (MSRP = \$103.00) 97-decibel backup alarm. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI or RPO (L18) Engine, Vortec 8100 V8 SFI.		A ¹	A ¹	A ¹
8E9		Bumper, front, painted white (MSRP = \$45.00) White painted front bumper in lieu of standard chrome. 1 - Requires RPO (E63) Pickup bed, Fleetside and RPO (V43) Bumper, rear, painted step, or RPO (E63) Pickup bed, Fleetside delete. Not available with Models C2545 or RPO (V63) Bumper, rear, chrome step. 2 - Requires RPO (ZV9) Pickup bed, delete, or RPO (VFT) Bumper, rear, delete. Not available with Models C2543.		A ¹	-	-
6P3		Camper Mirrors, remote control, power extendable, non-heated (MSRP = N/A) 1 - Requires RPO (AUJ) Door locks, power programmable and SEO (5B9) Power windows and mirrors.		A ¹	-	-
5V1		Carrier with spare wheel - no tire (MSRP = \$52.00) Spare wheel and the carrier with a spare wheel but with no spare tire. 1 - Requires RPO (ZV9) Pickup bed, delete. Not available on Models C2543 and C2575 or with RPO (ZV1) spare tire.		A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado SEO OPTIONS/SHIP THRU CODES									
2500HD									
Free Flow RPO Code	Ref. Only RPO Code	Description	Rep. Ext. and Crew Cab			Ext. and Crew Cab			
			Week Truck 1971	L15 L16	L17 L18	L19 L20	L21 L22	L23 L24	
1 - Equipment groups 1WV, 1LS, and 1LT available on C-25903, C-25753, C-25743, C-25953, and C-25944 Models. 2 - Equipment group 2LT and 3LT available on C-25753, C-25743, C-25953, and C-25944 Models.									
9R1		Decal delete, Pickup bed (MSRP = No Charge) Deletes the "4x4" decal from the side of the Pickup bed on 4x4 Pickup trucks. 1 - Requires 4WD Models, and RPO (E63) Pickup bed, Fleetside. Not available with SEO (8F2) Ornamentation, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	
9M4		Decal delete, tailgate (MSRP = No Charge) Deletes the nameplate or decal on the Pickup bed tailgate. 1 - Requires RPO (E63) Pickup bed, Fleetside. Not available with SEO (8F2) Ornamentation, delete.	A ¹	A ¹	-	-	-	-	
5Z5		Hubcap delete (MSRP = \$15.00 Credit) Deletes decorative cap at center of wheel.	A	-	-	-	-	-	
8V2		Jack and tools delete (MSRP = \$32.00 Credit) Deletes the jack and tire change tools that are standard. 1 - Requires a Fleet or Government sales order.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	
8X1		Label, fasten safety belts (MSRP = \$2.00) "Fasten Safety Belts" reminder label on side door window glass.	A	A	A	A	A	A	
5M1		Mirror, exterior, power adjustable, manual folding, non-heated (MSRP = No Charge) 1 - Included and only available with SEO (8B5) Power windows and mirrors.	A ¹	A ¹	-	-	-	-	
9N8		Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00) Driver and passenger side 6" (15.2 cm) diameter convex spot add-on mirrors with brackets for use with West Coast style mirrors. Mirrors shipped loose in vehicle. 1 - Requires SEO (9F7) Mirrors, outside driver and passenger side West Coast type.	A ¹	A ¹	-	-	-	-	
9G1		Mirrors, camper type with convex passenger side mirror head (MSRP = \$109.00) Camper type driver and passenger side manual Black 6" x 10" (15.2 cm x 25.4 cm) mirror heads on sail panel mounted extendable arms. Provides a dual segment mirror on the driver side and a full convex mirror on the passenger side. 1 - Available on Models C-25903 and C-25953.	A ¹	A ¹	-	-	-	-	
8G9		Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00) Provides a convex combination driver and passenger side outside rearview mirror with 6" x 10" (15.2 cm x 25.4 cm) flat positioned over a 6" x 6.5" (15.2 cm x 16.5 cm) convex mirror head. Provides drilling in cab and mirror assembly shipped loose. For use with wide body applications up to 96" (243.8 cm). 1 - Requires RPO (ZW9) Pickup bed, delete on Models C-25903 and C-25953. Not available with Models C-25753.	A ¹	A ¹	-	-	-	-	

2006 Chevrolet Truck Silverado									
SEO OPTIONS/SHIP THRU CODES									
2500HD									
Free Flow RPO Code	Ref. Only RPO Code	Description	Week Truck 1971	15 16	17 18	Ext. and Crew Cab	172 18	19	20
1 - Equipment groups 1W1, 1L5, and 1L7 available on C-25903, C-25753, C-25743, C-25953, and C-25943 Models. 2 - Equipment group 2L1 and 3L1 available on C-25753, C-25743, C-25953 and C-25943 Models									
9F7		Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00) Provides large West Coast style mirrors with spring loaded pre-set feature. Mirrors are Black. Includes cab drillings and mirror assembly shipped loose.	A	A	-	-	-	-	-
8F2		Ornamentation, delete (MSRP = No Charge) Uplifter option. Deletes decals and nameplates on truck exterior. 1 - Requires Uplifter order, and Single-tone paint.	A ¹	-	-	-	-	-	-
9F2		Outside rearview mirror delete (MSRP = \$25.00 Credit) Deletes driver and passenger side outside rear view mirrors that are standard. Includes incomplete vehicle documentation. 1 - Requires Models C-25743 and a Fleet sales order.	A ¹	A ¹	-	-	-	-	-
9V9		Paints, solid (MSRP = No Charge), Deskin Tan 1 - Requires SEO (TGK) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
9W4		Paints, solid (MSRP = No Charge), Tangler Orange 1 - Requires SEO (TGK) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
9W3		Paints, solid (MSRP = No Charge), Wheatland Yellow 1 - Requires SEO (TGK) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
9V5		Paints, solid (MSRP = No Charge), Woodland Green 1 - Requires SEO (TGK) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
5Y0		Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00) Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp. 21 amp nominal rating. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI, RPO (L18) Engine, Vortec 8100 V8 SFI, RPO (AET) Seats, front 40/20/40 split-bench, RPO (A99) Seats, front reclining buckets. Not available with Models C-25903 and C-25953. Provision for body mounted lamp, RPO (YVU) Snow plow prep package, RPO (ML6) or RPO (MW3) manual, Transmission.	A ¹	A ¹	A ¹	-	-	-	-
5X7		Provision for body mounted warning lamp (MSRP = \$98.00) Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp. 40 amp nominal rating. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI or RPO (L18) Engine, Vortec 8100 V8 SFI. Not available with RPO (TP2) Battery, auxiliary, RPO (E63) Pickup bed, Fleetside, or CCA with a CCA auxiliary. SEO (5G4) Provision for cab roof-mounted lamp. SEO (5Y0) Provision for body mounted lamp with hook-up wiring or RPO (YVU) Snow plow prep package, RPO (ML6) or RPO (MW3) manual, Transmission.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 2500HD	SEO OPTIONS/SHIP THRU CODES
2500HD	2500HD

Free Flow RPO Code	Rel. Only RPO Code	Description	Part Name	Part Number	Part Unit	Part Unit	Part Unit	Part Unit
		1. Equipment groups 1W1, 1LS and 1L7 available on C73503. 2. Equipment groups 3L7 and 3L7 available on C73513, C73514, C73515 and C73516. 3. Equipment groups 3L7 and 3L7 available on C73513, C73514, C73515 and C73516.						
880		Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00) Provides a 770 CCA main cranking battery with a 600 CCA auxiliary battery. Auxiliary battery has an isolator and is not wired to ignition. Auxiliary battery provides an auxiliary electrical power source. Includes RPO 1LQ4 Electric, Voltage 600 VA SFI, or RPO 1L81 Engine, Voltage 600 VA SFI. Not available on Models 1725-43, RPO 1725-43 Battery, auxiliary heavy-duty, 600 cold-cranking amps or RPO 1725-43 Battery, single 770 CCA.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
7Y9		Battery, Single 770 CCA (MSRP = \$55.00) 1 - Requires RPO 1LQ4 Electric, Voltage 600 VA SFI, or RPO 1L81 Engine, Voltage 600 VA SFI. Not available with RPO 1725-43 Battery, auxiliary heavy-duty, 600 cold-cranking amps.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
7Z1		Horn, high note (MSRP = \$20.00) High note horn in addition to the low note horn.	A	A	-	-	-	-
9L4		Power supply, 12 volt (MSRP = \$168.00) 12 volt direct power supply from the battery with two separate 30 amp fused circuits. Each circuit has a 30 amp mini fuse for both positive and ground to protect electrical accessories. Main supply lead has a 40 amp mark-use. All fuses are serviceable. Provides either direct battery power or operation through the ignition system. Hook-up wire is provided under the passenger side glove box. Operational amperage is 21 amps each circuit. 28 amps total. Hook-up and operational instructions are provided. 1 - Not available with RPO 1U20 Sound system feature, XM Satellite Radio, RPO 1UE1 OnStar, RPO 1U42 Entertainment system, RPO 1U43 or 1U44 manual transmission.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
		Ship Thru Codes						
VAB		Ship Thru for Models C7353 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment.	A	A	A	A	A	A
VAL		Ship Thru for TDM Vehicle Management (MSRP = W/A) Vehicle will ship from Flint Assembly to TDM in Auburn Hills, MI and return to Pontiac East Assembly for final destination 1 - Requires Models CK2573, or CK2543	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
VAV		Ship Thru for Models C7353 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Moulding	A	A	A	A	A	A
VBK		Ship Thru for Models C7353 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to F.L. Wayne Fleet Equipment	A	A	A	A	A	A
VCB		Ship Thru for Models C7353 (MSRP = \$120.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment (in Flint) and back to Flint Assembly.	A	A	A	A	A	A

2006 Chevrolet Truck Silverado 2500HD

SEO OPTIONS/SHIP THRU CODES

File Flow RPO Code	Ref. Only RPO Code	Description	Rep. Excl. and Crew Cab	Excl. and Crew Cab
		1 - Equipment group 1WT, 1LS and 1LT available on C-2500A, C-2575A, C-2575B, C-2575C, and C-2594A Models. 2 - Equipment group 2LT and 3LT available on C-2575A, C-2575B, C-2594A and C-2594B Models	1LT 2LT 3LT	1LT 2LT 3LT
VFI		Ship Thru for TDM Vehicle Management (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield	A	A
VFW		Ship Thru for Models C-2575A (MSRP = \$255.00) Produced in Flint Assembly and shipped to NBC Truck Equipment	A	A
VGH		Ship Thru for Models C-2575B (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Monroe Truck Equipment	A	A
VGZ		Ship Thru for Models C-2575C (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield	A	A
VSQ		Ship Thru for Models C-2575A (MSRP = \$270.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment (in Janesville, WI) and onto Janesville Assembly.	A	A
VUD		Ship Thru for Models C-2575B (MSRP = \$90.00) Produced in Flint Assembly and shipped to Knapheide Truck Equipment	A	A
VUI		Ship Thru for Models C-2575C (MSRP = \$230.00) Produced in Flint Assembly and shipped to Ft. Wayne Fleet Equipment	A	A
VUM		Ship Thru for Models C-2575A (MSRP = \$305.00) Produced in Flint Assembly and shipped to Buckley Truck Equipment	A	A
VWS		Ship Thru for Models C-2575B (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckley Truck Equipment	A	A
VYC		Ship Thru for Models C-2575C (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knapheide Truck Equipment	A	A
VYS		Ship Thru for Models C-2575A (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Masterack Truck Equipment	A	A

2006 Chevrolet Truck Silverado 2500HD DIMENSIONS - 2WD

All dimensions in inches (mm) unless otherwise stated.									
Specification		C2500A		C2575A		C2575B		C2594A	
		Region	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded	Excluded
		Long	Std	Long	Std	Long	Std	Long	Std
		Box	Box	Box	Box	Box	Box	Box	Box
A Wheelbase		133.00 (3378)	143.50 (3645)	157.50 (4000)	157.50 (4000)	157.50 (4000)	157.50 (4000)	157.50 (4000)	167.00 (4242)
B Overall length		222.10 (5641)	227.70 (5784)	246.60 (6264)	246.60 (6264)	246.60 (6264)	246.60 (6264)	246.60 (6264)	256.20 (6507)
C Body width		79.70 (2024)	79.70 (2024)	79.70 (2024)	79.70 (2024)	79.70 (2024)	79.70 (2024)	79.70 (2024)	79.70 (2024)
D Overall height		76.20 (1935)	76.20 (1935)	76.20 (1935)	76.20 (1935)	76.20 (1935)	76.20 (1935)	76.20 (1935)	77.00 (1955)
Head room, front		41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)
Head room, rear		—	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	39.00 (991)
Shoulder room, front		65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)
Shoulder room, rear		—	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	66.30 (1684)	65.10 (1654)
Hip room, front		61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
Hip room, rear		—	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	62.90 (1598)
Leg room, front		41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)
Leg room, rear		—	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	33.70 (856)	39.10 (993)
CA Cab to axle		55.90 (1420)	41.90 (1064)	55.90 (1420)	41.90 (1064)	55.90 (1420)	41.90 (1064)	55.90 (1420)	55.90 (1420)
BA Front bumper to axle		37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)
Rear bumper to axle		52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)
ILF Inside length, at floor		97.60 (2479)	78.70 (1999)	97.60 (2479)	78.70 (1999)	97.60 (2479)	78.70 (1999)	97.60 (2479)	97.60 (2479)
Inside height		19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50

2006 Chevrolet Truck Silverado 2500HD DIMENSIONS - 2WD

All dimensions in inches (mm) unless otherwise stated.

Specifications	Specifications									
	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD	2WD
Regular Cab	Regular Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab
Long Box	Long Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box
Wheelbase	133.00	143.50	157.50	153.00	167.00	167.00	167.00	167.00	167.00	167.00
Overall length	222.10	227.70	246.80	237.30	256.20	256.20	256.20	256.20	256.20	256.20
Body width	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70
Overall height	76.20	76.20	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00
Head room, front	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00
Head room, rear	38.40	38.40	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00
Shoulder room, front	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20
Shoulder room, rear	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20
Hip room, front	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40
Hip room, rear	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40
Leg room, front	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30
Leg room, rear	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70
Cab to axle	55.90	41.90	55.90	41.90	55.90	41.90	55.90	41.90	55.90	41.90
Front bumper to axle	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00
Rear bumper to axle	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20
Inside length, at floor	97.60	78.70	97.60	78.70	97.60	78.70	97.60	78.70	97.60	78.70
Inside height	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

2006 Chevrolet Truck Silverado 2500HD DIMENSIONS - 4WD

All dimensions in inches (mm) unless otherwise stated.

Specifications	Specifications									
	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD
Regular Cab	Regular Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab	Extended Cab
Long Box	Long Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box	Standard Box
Wheelbase	133.00	143.50	157.50	153.00	167.00	167.00	167.00	167.00	167.00	167.00
Overall length	222.10	227.70	246.80	237.30	256.20	256.20	256.20	256.20	256.20	256.20
Body width	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70
Overall height	76.20	76.20	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00
Head room, front	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00
Head room, rear	38.40	38.40	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00
Shoulder room, front	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20
Shoulder room, rear	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20	65.20
Hip room, front	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40
Hip room, rear	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40	61.40
Leg room, front	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30	41.30
Leg room, rear	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70	33.70
Cab to axle	55.90	41.90	55.90	41.90	55.90	41.90	55.90	41.90	55.90	41.90
Front bumper to axle	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00
Rear bumper to axle	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20	52.20
Inside length, at floor	97.60	78.70	97.60	78.70	97.60	78.70	97.60	78.70	97.60	78.70
Inside height	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50

2006 Chevrolet Truck Silverado 2500HD DIMENSIONS - 4WD

All dimensions in inches (mm) unless otherwise stated.		Specifications									
		C2500		C2500		C2500		C2500		C2500	
		Std	Ext	Std	Ext	Std	Ext	Std	Ext	Std	Ext
		64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80
	Inside width, at floor	(1646)	(1646)	(1646)	(1646)	(1646)	(1646)	(1646)	(1646)	(1646)	(1646)
IWR	Tailgate width	61.90	61.90	61.90	61.90	61.90	61.90	61.90	61.90	61.90	61.90
		(1572)	(1572)	(1572)	(1572)	(1572)	(1572)	(1572)	(1572)	(1572)	(1572)
BBC	Front bumper to back of cab	114.10	138.60	138.60	148.10	148.10	148.10	148.10	148.10	148.10	148.10
		(2898)	(3520)	(3520)	(3762)	(3762)	(3762)	(3762)	(3762)	(3762)	(3762)
GF	Ground to top of rear load floor	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
IWW	Inside width, between wheelhousing	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
		(1270)	(1270)	(1270)	(1270)	(1270)	(1270)	(1270)	(1270)	(1270)	(1270)
	Ground clearance, front	10.60	10.60	10.60	10.60	10.60	10.60	10.60	10.60	10.60	10.60
		(269)	(269)	(269)	(269)	(269)	(269)	(269)	(269)	(269)	(269)
	Ground clearance, rear	13.60	13.60	13.60	13.60	13.60	13.60	13.60	13.60	13.60	13.60
		(345)	(345)	(345)	(345)	(345)	(345)	(345)	(345)	(345)	(345)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

2006 Chevrolet Truck Silverado 2500HD SPECS - REGULAR AND EXTENDED CAB

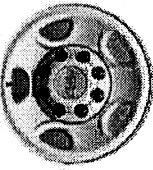
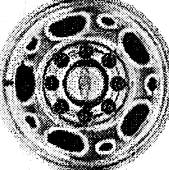
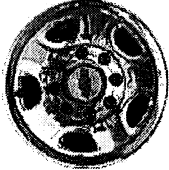
Specifications		CC2500		CK2500		CC2500		CK2500		CC2500		CK2500	
		2WD		4WD		2WD		4WD		2WD		4WD	
		Regular Cab	Long Box	Regular Cab	Long Box	Regular Cab	Long Box	Regular Cab	Long Box	Regular Cab	Long Box	Regular Cab	Long Box
	Front shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
	Front stabilizer bar diameter, in. (mm)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)	1.42 (36)
	Rear shock absorber diameter, in. (mm)	1.38 (35)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)	1.26 (32)
	Turning diameter, curb-to-curb, ft. (m)	43.8 (13.4)	43.8 (13.4)	43.8 (13.4)	43.8 (13.4)	46.8 (14.3)	46.8 (14.3)	46.8 (14.3)	46.8 (14.3)	50.8 (15.5)	50.8 (15.5)	50.8 (15.5)	50.8 (15.5)
Capacities													
	Front axle, lbs. (kg)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)
	Front spring capacity, lbs. (kg)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)
	Rear axle, lbs. (kg)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)
	Rear spring capacity, lbs. (kg)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)
	Curb weight, lbs. (kg)	5142 (2332)	5398 (2449)	5398 (2449)	5398 (2449)	5398 (2449)	5398 (2449)	5398 (2449)	5398 (2449)	5561 (2522)	5561 (2522)	5561 (2522)	5561 (2522)
	Cargo volume, cargo box, cu. ft. (liters)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)	56.9 (1611.4)	56.9 (1611.4)	56.9 (1611.4)	56.9 (1611.4)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)
	Payload ¹ , lbs. (kg)	4058 (1841)	3802 (1725)	3802 (1725)	3802 (1725)	3541 (1606)	3541 (1606)	3541 (1606)	3541 (1606)	3639 (1651)	3639 (1651)	3639 (1651)	3639 (1651)
	Gross Vehicle Weight Rating (GVWR), lbs. (kg)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)
	Front Gross Axle Weight Rating (GAWR), lbs. (kg)	4410 (2000)	4500 (2041)	4410 (2000)	4410 (2000)	4410 (2000)	4410 (2000)	4410 (2000)	4410 (2000)	4500 (2041)	4500 (2041)	4500 (2041)	4500 (2041)
	Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)
	Fuel capacity, approximate, gallon (liters)	34 (129)	34 (129)	34 (129)	34 (129)	26 (98)	26 (98)	26 (98)	26 (98)	34 (129)	34 (129)	34 (129)	34 (129)
	Seating capacity (front/rear)	3	3	3	3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3

1. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.


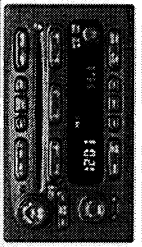
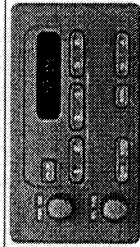
2006 Chevrolet Truck Silverado 2500HD SPECS - CREW CAB

	CC25743 2WD Crew Cab Standard Box	CC25743 4WD Crew Cab Standard Box	CC25943 2WD Crew Cab Long Box	CC25943 4WD Crew Cab Long Box
Specifications				
Front shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Front stabilizer bar diameter, in. (mm)	1.25 (32)	1.25 (32)	1.25 (32)	1.25 (32)
Rear shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Turning diameter, curb-to-curb, ft. (m)	49.6 (15.1)	49.6 (15.1)	53.5 (16.3)	53.5 (16.3)
Capacities				
Front axle, lbs. (kg)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)
Front spring capacity, lbs. (kg)	4500 (2041)	4800 (2177)	4800 (2177)	4800 (2177)
Rear axle, lbs. (kg)	6900 (3130)	6900 (3130)	6900 (3130)	6900 (3130)
Rear spring capacity, lbs. (kg)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)
Curb weight, lbs. (kg)	5594 (2537)	5883 (2669)	5745 (2606)	6037 (2738)
Cargo volume, cargo box, cu. ft. (liters)	56.9 (1611.4)	56.9 (1611.4)	73.9 (2092.8)	73.9 (2092.8)
Payload ² , lbs. (kg)	3606 (1636)	3317 (1505)	3455 (1567)	3163 (1435)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	4410 (2000)	4670 (2118)	4670 (2118)	4800 (2177)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	6084 (2760)	6084 (2760)	6084 (2760)	6084 (2760)
Fuel capacity, approximate, gallon (liters)	26 (98)	26 (98)	34 (129)	34 (129)
Seating capacity (front/rear)	3/3	3/3	3/3	3/3
2. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.				

2006 Chevrolet Truck Silverado 2500HD WHEELS

	Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted
	PV0 Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug polished forged aluminum, includes chrome center caps and steel spare
	PV2 Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug chrome-styled steel, includes chrome center caps and steel spare

2006 Chevrolet Truck Silverado 2500HD RADIOS

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)
	UM7 Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock

2006 Chevrolet Truck Silverado 2500HD RPO CODES

Option Code	Description
**2	Seat trim, leather
**C	Seat trim, cloth
**D	Seat trim, Custom Cloth
**V	Seat trim, vinyl
4GK	Tire, spare LT245/79R16 (E) Blackwall 10 Ply on-off road (MSRP with RPO (E63) pickup body = \$11.00 with RPO (ZW9) = \$ 345.00)
5B5	Power windows and mirrors (MSRP = \$738.00) with Regular Cab and Extended Cab Models (MSRP = \$815.00) with Crew Cab Models
5G2	Wheels, painted White (MSRP = \$45.00)
5G4	Provision for cab roof-mounted lamp (MSRP = \$103.00)
5M1	Mirror, exterior, power adjustable, manual folding, non-heated (MSRP = No Charge)
5Q1	Tail Lamp delete (MSRP = -\$27.00 Credit)
5V1	Carrier with spare wheel - no tire (MSRP = \$82.00)
5X7	Provision for body mounted warning lamp (MSRP = \$98.00)Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp. 40 amp nominal rating.
5Y0	Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00)Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp. 21 amp nominal rating.
5Z4	Spare wheel and tire delete (MSRP = -\$110.00 Credit)
6C7	Console, roof with reading lamps (MSRP = \$55.00)
6P3	Camper Mirrors, remote control, power extendable, non-heated (MSRP = W/A)
7Y9	Battery, Single 770 CCA (MSRP = \$56.00)
7Z1	Horn, high note (MSRP = \$20.00)
8B0	Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00)
8C6	Alternator, 145 amp (MSRP = \$140.00)
8E9	Bumper, front, painted White (MSRP = \$45.00)
8F2	Ornamentation, delete (MSRP = No Charge)Upfitter option.
8G9	Mirrors, outside, convex combination, stainless steel (MSRP = \$276.00)
8Q3	Rear seat delete (MSRP = -\$375.00 Credit)
8S3	Backup alarm (MSRP = \$103.00)97 decibels back-up alarm.
8V2	Jack and tools delete (MSRP = -\$32.00 Credit)
8X1	Label, fasten safety belts (MSRP = \$2.00)
8X5	Alternators, dual 105 amp (MSRP = \$224.00)
9F2	Outside rearview mirror delete (MSRP = -\$25.00 Credit)
9F7	Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00)Provides large West Coast style mirrors with spring loaded pre-set feature. Mirrors are Black. Includes cab drillings and mirror assembly shipped loose.
9G1	Mirrors, camper type with convex passenger side mirror head (MSRP = \$109.00)
9L3	Spare tire delete (MSRP = -\$45.00 Credit)
9L4	Power supply, 12 volt (MSRP = \$168.00)
9M4	Decal delete, tailgate (MSRP = No Charge)
9N8	Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor
9R1	Decal delete, Pickup bed (MSRP = No Charge)
9R3	Sound system, delete (MSRP = No Charge)
9S1	Seats, individual vinyl (MSRP = -\$282.00 Credit) on LS Decor and (MSRP = No Charge) on Work Truck Decor

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility.

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description 1. Equipment group LT, LTZ and 3LT available on CC15743 and CK15743	Crew Cab		
			LTZ LTZ ¹	LTZ ² LTZ ¹	LTZ ³ LTZ ¹
	B65	Moldings, body-side, color-keyed	■	■	■
	UC3	Sound system feature, audio speakers	■		
	CJ2	Air conditioning, dual-zone, automatic		■	■
	D07	Console, floor		■	■
	T96	Fog lamps, front		■	■
	V76	Recovery hooks, front, frame-mounted		■	■
	AG1	Seat adjuster, power, driver 6-way		■	■
	UC7	Sound system feature, Bose Premium speaker system		■	■
	UK6	Sound system feature, rear audio controls		■	■
	A95	Seats, front reclining buckets		■	
	DL3	Mirrors, outside rearview, power/folding, power, heated Black Package Includes power windows, power door locks, power windows, mounted radio controls is ordered.			□ ¹
	AG2	Seat adjuster, power			■
	AN3	Seat trim, leather appointed, front and rear			■
	**2	Seat trim, leather appointed, front and rear			■
	UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer			■
	UK3	Sound system feature, steering wheel mounted radio controls			■
	PV0	Wheels, 4 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-bug polished forged aluminum			■


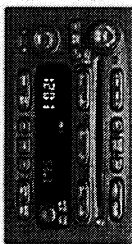
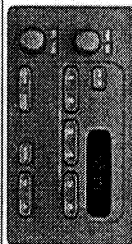
S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Only RPO Code	Description 1. Equipment group LT, LTZ and 3LT available on CC15743 and CK15743	Crew Cab		
			LTZ LTZ ¹	LTZ ² LTZ ¹	LTZ ³ LTZ ¹
		Air bags, frontal, driver and right front passenger 1. Always use safety belts and proper child restraints, even with air bags. Children are safer when properly secured in a rear seat. See Owner's Manual for more safety information.	S ¹	S ¹	S ¹
	CJ3	Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger	S	-	-
	CJ2	Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger	A	■	■
		Assist handles, front passenger and outboard rear seats	S	S	S
		Cigarette lighter, on instrument panel	S	S	S
		Coat hooks, driver and passenger side	S	S	S
	D07	Console, floor, includes storage compartment and dual cupholders	-	■	■
	DK7	Console, overhead mini, includes map lights	S	S ¹	S ¹
	DK8	Console, overhead deluxe 1. Not available with (CFS) Sunroof, power.	-	A ¹	A ¹
	K34	Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	S	S	S
	C49	Cupholders, front and rear	S	S	S
		Defogger, rear-window, electric	S ¹	S ¹	S ¹
	AU3	Door locks, power	S	S	S
		Driver Information Center, monitors numerous different systems depending on vehicle equipment	S	S	S
	B30	Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1. May be substituted with (B69) Floor covering, rubberized vinyl.	S ¹	S	S
	B69	Floor covering, rubberized vinyl, Black 1. Not available with (B22) Medium Gray Leather Interior Trim.	A ¹	-	-
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	S	S	S
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S

2006 Chevrolet Truck Silverado 2500HD RADIOS

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)
	UMW Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock

2006 Chevrolet Truck Silverado 2500HD RPO CODES

Option Code	Description
**2	Seat trim, leather
**C	Seat trim, cloth
**D	Seat trim, Custom Cloth
**V	Seat trim, vinyl
4GK	Tire, spare LT245/75R16 (E) Blackwall 10 Ply on-off road (MSRP with RPO (E63) pickup body = \$111.00 with RPO (2W9) = \$ 345.00)
5B5	Power windows and mirrors (MSRP = \$738.00) with Regular Cab and Extended Cab Models (MSRP = \$815.00) with Crew Cab Models
5G2	Wheels, painted White (MSRP = \$45.00)
5G4	Provision for cab roof-mounted lamp (MSRP = \$103.00)
5M1	Mirror, exterior, power adjustable, manual folding, non-heated (MSRP = No Charge)
5C1	Tail Lamp delete (MSRP = -\$27.00 Credit)
5V1	Carrier with spare wheel - no tire (MSRP = \$82.00)
5X7	Provision for body mounted warning lamp (MSRP = \$98.00)Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp, 40 amp nominal rating.
5Y0	Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00)Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp, 21 amp nominal rating.
5Z4	Spare wheel and tire delete (MSRP = -\$110.00 Credit)
6C7	Console, roof with reading lamps (MSRP = \$55.00)
6P3	Campier Mirrors, remote control, power extendable, non-heated (MSRP = W/A)
7Y9	Battery, Single 770 CCA (MSRP = \$56.00)
7Z1	Horn, high note (MSRP = \$20.00)
8B0	Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00)
8C6	Alternator, 145 amp (MSRP = \$140.00)
8E9	Bumper, front, painted White (MSRP = \$45.00)
8F2	Ornamentation, delete (MSRP = No Charge)Upfitter option.
8G9	Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00)
8Q3	Rear seat delete (MSRP = -\$375.00 Credit)
8S3	Backup alarm (MSRP = \$103.00)97 decibels back-up alarm.
8V2	Jack and tools delete (MSRP = -\$32.00 Credit)
8X1	Label, fasten safety belts (MSRP = \$2.00)
8X5	Alternators, dual 105 amp (MSRP = \$224.00)
9F2	Outside rearview mirror delete (MSRP = -\$25.00 Credit)
9F7	Mirror, outside driver and passenger side West Coast type (MSRP = \$125.00)Provides large West Coast style mirrors with spring loaded pre-set feature. Mirrors are Black. Includes cab drillings and mirror assembly shipped loose.
9G1	Mirrors, camper type with convex passenger side mirror head (MSRP = \$109.00)
9L3	Spare tire delete (MSRP = -\$45.00 Credit)
9L4	Power supply, 12 volt (MSRP = \$168.00)
9M4	Decal delete, tailgate (MSRP = No Charge)
9N8	Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor
9R1	Decal delete, Pickup bed (MSRP = No Charge)
9R3	Sound system, delete (MSRP = No Charge)
9S1	Seats, individual vinyl (MSRP = -\$282.00 Credit) on LS Decor and (MSRP = No Charge) on Work Truck Decor

2006 Chevrolet Truck Silverado 2500HD RPO CODES

Option Code	Description
UQ5	Sound system feature, 4-speakers
UQ7	Sound system feature, Bose Premium speaker system
UY2	Trailer wiring provisions, for camper, 5th wheel and gooseneck trailer
V10	Covers, radiator grille and front bumper openings
V43	Bumper, rear, painted step
V76	Recovery hooks, front, frame-mounted
VAB	Ship Thru for Models C*25**3 (MSRP = \$100.00)Produced in Pontiac Assembly and shipped to NBC Truck Equipment
VAL	Ship Thru for TDM Vehicle Management (MSRP = W/A)
VAY	Ship Thru for Models C*25**3 (MSRP = \$100.00)Produced in Pontiac Assembly and shipped to K&B Mounting
VB3	Bumper, rear, chrome step
VBK	Ship Thru for Models C*25**3 (MSRP = \$210.00)Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment
VCB	Ship Thru for Models C*25*43 (MSRP = \$120.00)Produced in Flint Assembly and shipped to Monroe Truck Equipment
VCL	Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle).
VF7	Bumper, rear, delete
VFI	Ship Thru for TDM Vehicle Management (MSRP = W/A)
VFW	Ship Thru for Models C*25*43 (MSRP = \$255.00)Produced in Flint Assembly and shipped to NBC Truck Equipment
VG3	Bumper, front, chrome
VGH	Ship Thru for Models C*25**3 (MSRP = \$105.00)Produced in Pontiac Assembly and shipped to Monroe Truck Equipment
VGZ	Ship Thru for Models C*25**3 (MSRP = \$105.00)Produced in Pontiac Assembly and shipped to Canfield
VSQ	Ship Thru for Models C*25*43 (MSRP = \$270.00)Produced in Flint Assembly and shipped to Monroe Truck Equipment
VUD	Ship Thru for Models C*25*43 (MSRP = \$90.00)Produced in Flint Assembly and shipped to Knapheide Truck Equipment
VUI	Ship Thru for Models C*25*43 (MSRP = \$230.00)Produced in Flint Assembly and shipped to Ft. Wayne Fleet Equipment
VUM	Ship Thru for Models C*25*43 (MSRP = \$305.00)Produced in Flint Assembly and shipped to Buckeye Truck Equipment
VWS	Ship Thru for Models C*25**3 (MSRP = \$275.00)Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment
VYC	Ship Thru for Models C*25**3 (MSRP = \$115.00)Produced in Pontiac Assembly and shipped to Knapheide Truck Equipment
VYS	Ship Thru for Models C*25**3 (MSRP = \$100.00)Produced in Pontiac Assembly and shipped to Masterack Truck Equipment
VYU	Snow Plow Prep Package
YF5	Emissions, California state requirements
Z82	Trailer equipment, heavy-duty
Z85	Suspension Package, Handling/Trailer
ZHH	Tire, spare LT245/75R16E, all-season, blackwall
ZW9	Pickup bed, delete
ZY1	Paint, solid

2006 Chevrolet Truck Silverado 2500HD TRAILERING SPECS - Automatic Transmission Ratings with Ball Hitch for Heavy Duty Models

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Model	Automatic Transmission Ratings with Ball Hitch for Heavy Duty Models			
	(LQ4) Vortec 6000 V8 SFI	(L18) Vortec 8100 V8 SFI	(LLV) Duramax 6600 Turbo Diesel V8	
	Maximum Trailer Weight lbs. (kg)	Maximum Trailer Weight lbs. (kg)	Maximum Trailer Weight lbs. (kg)	
CC25903	4.10 10500 (4763)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CC25753	4.10 10300 (4672)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CC25953	4.10 10200 (4627)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CC25743	4.10 10100 (4581)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CC25943	4.10 10000 (4536)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CK25903	4.10 10300 (4672)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CK25753	4.10 10000 (4536)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CK25953	4.10 9900 (4491)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CK25743	4.10 9800 (4445)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		
CK25943	4.10 9700 (4400)	3.73 12000 (5443)	3.73 12000 (5443)	
		4.10 12000 (5443)		

(G14) 3.73 Rear axle ratio and (L18) Engine. Vortec 8100 V8 SFI requires (MW7) Transmission. Allison 1000 6-speed automatic.

Engine	GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission	
	(GCWR) Gross Combination Weight Ratings lbs. (kg)	
	16000 (7258)	20000 (9072)
(LQ4) Vortec 6000 V8 SFI	4.10	
(L18) Vortec 8100 V8 SFI		3.73 ¹
(LLV) Duramax 6600 Turbo		3.73

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission			
Engine	(GCWR) Gross Combination Weight Ratings lbs. (kg)		
Diesel V6	15000 (7256)	20000 (9072)	22000 (9873)

1 - 25H/D35J6 Series with (MMV7) Transmission, Allison 1000 6-speed automatic.

2006 Chevrolet Truck Silverado 2500HD TRAILERING SPECS - Manual or Automatic

Transmission Ratings with 5th Wheel or Gooseneck for Heavy Duty Models

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 15 to 25% of the trailer weight is the recommended 5th Wheel or Gooseneck kingpin load.

Manual or Automatic Transmission Ratings with 5th Wheel or Gooseneck for Heavy Duty Models						
Model	(LC4) Vortec 6000 V8 SFI		(L18) Vortec 8100 V8 SFI		(LT7) Duramax 6600 Turbo Diesel V6	
	Axle Ratio	Maximum Trailer Weight lbs. (kg)	Axle Ratio	Maximum Trailer Weight lbs. (kg)	Axle Ratio	Maximum Trailer Weight lbs. (kg)
CC25903	4.10	10500 (4763)	3.73	14100 (6396)	3.73	15900 (7212)
			4.10	16100 (7303)		
CC25753	4.10	10300 (4672)	3.73	13900 (6305)	3.73	15700 (7122)
			4.10	15900 (7212)		
CC25953	4.10	10200 (4627)	3.73	13700 (6214)	3.73	15500 (7031)
			4.10	15700 (7122)		
CC25743	4.10	10100 (4581)	3.73	13600 (6169)	3.73	15400 (6985)
			4.10	15600 (7076)		
CC25943	4.10	10000 (4536)	3.73	13500 (6124)	3.73	15100 (6849)
			4.10	15500 (7031)		
CK25903	4.10	10300 (4672)	3.73	13800 (6260)	3.73	15600 (7076)
			4.10	15800 (7167)		
CK25753	4.10	10000 (4536)	3.73	13600 (6169)	3.73	15400 (6985)
			4.10	15600 (7076)		
CK25953	4.10	9900 (4491)	3.73	13400 (6078)	3.73	14800 (6713)
			4.10	15400 (6985)		
CK25743	4.10	9800 (4445)	3.73	13300 (6033)	3.73	14200 (6441)
			4.10	15300 (6940)		
CK25943	4.10	9700 (4400)	3.73	13200 (5988)	3.73	13200 (5988)
			4.10	14600 (6623)		

(G14) 3.73 Rear axle and (L18) Engine, Vortec 8100 V8 SFI is only available with (MMV7) Transmission, Allison 1000 6-speed automatic.

Addition of trailer kingpin weight cannot cause vehicle weights to exceed Rear Gross Axle Weight Rating (RGAWR) or Gross Vehicle Weight Rating (GVWR).

5th wheel hitch is available as a dealer installed accessory.

(Z62) Trailering equipment, heavy-duty, includes trailer hitch platform and trailer electrical connector.

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 15 to 25% of the trailer weight is the recommended 5th Wheel or Gooseneck kingpin load.

Engine	GCWR For Engine/Rear Axle Ratio Combination with Automatic Transmission		
	GCWR (lbs.)	GCWR (kg)	GCWR (kg)
(LQ4) Vortec 6000 V8 SFI	16000 (7253)	20000 (9072)	22000 (9978)
(L18) Vortec 8100 V8 SFI	4.10	3.73	4.10
(LY) Duramax 6600 Turbo Diesel V8			3.73

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT

<p>S = Standard Equipment A = Available (dashes) = Not Available</p> <p>■ = included in Equipment Group □ = included in Equipment Group but upgradeable</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab
		1 - Equipment groups 1WT, 1LS and 1LT available on C3500, C3500S, and C3500S Models. 2 - Equipment group 2LT and 3LT available on C3500S and C3500S Models.	1WT	1LS	1LT	1WT	1LS	1LT	1LT
		Air bags, frontal, driver and right front passenger 1 - Regular and Extended Cab Models includes passenger side deactivation switch. - Always use safety belts and proper child restraint, even with air bags. Children are safer when properly seated with seat belts. See the Owner's Manual for more safety information.	S	S	S	S	S	S	S
CJ3		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1 - Required and only available with (VYU) Snow Plow Prep Package is ordered.	S	S	S	S	S	S	A
		Assist handle, front passenger 1 - Also includes rear outboard passenger assist handle on Extended and Crew Cab Models.	S	S	S	S	S	S	S
		Cigarette lighter, on instrument panel	S	S	S	S	S	S	S
		Coat hook, driver side 1 - Also includes passenger side coat hook on Extended and Crew Cab Models.	S	S	S	S	S	S	S
		Cupholders, front 1 - Also includes rear cupholders on Extended and Crew Cab Models.	S	S	S	S	S	S	S
		Driver Information Center, monitors numerous different systems depending on vehicle equipment	S	S	S	S	S	S	S
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with (922) Medium Gray Leather Interior trim.	S	S	S	S	S	S	-
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S	S	S	S
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S	S	S	S
		Mirror, inside rearview, manual day/night	S	S	S	S	S	S	S
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S	S	S	S	S	S	S
	**V	Seat trim, vinyl	S	A	A	A	A	A	A
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints	S	A	A	A	A	A	A
		Seats, rear 60/40 split-bench, flat folding, 3-passenger (includes child seat top tether anchor) 1 - Not available with Regular Cab Models.	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab	Reg. Ext. and Crew Cab
		1 - Equipment groups 1WT, 1LS and 1LT available on C3500, C3500S, and C3500S Models. 2 - Equipment group 2LT and 3LT available on C3500S and C3500S Models.	1WT	1LS	1LT	1WT	1LS	1LT
	UM7	Sound system, ETR AM/FM stereo, includes seek-and-scan and digital dock	S	S	S	S	S	S
	UQ3	Sound system feature, 4-speakers	S	S	S	S	S	S
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	S	S	S	S
		Theft-deterrent system, PASSLOCK II	S	S	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S	S	S
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S	S	S
		Windows, rear quarter swing-out 1 - Standard with Extended Cab Models only.	S	S	S	S	S	S
		Air dam, Gray	S	S	S	S	S	S
	VG3	Bumper, front, chrome, with Gray lower	S	S	S	S	S	S
	Y43	Bumper, rear, painted step, includes pad 1 - Not available with (24W) Pickup bed, delete.	S	S	S	S	S	S
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S	S	S
		Glass, Solar-Ray light tinted, all windows	S	S	S	S	S	S
	TF3	Grills, color-keyed surround, with chrome accent bar	S	S	S	S	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S	S	S
		Lamps, dual cargo area lamps	S	S	S	S	S	S
	D44	Mirrors, outside rearview, foldaway, manual, Black, adjustable 1 - Standard on (CTW) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4W) GVWR, 9500 lbs. (4491 kg).	S	S	S	S	S	S
	DE2	Mirrors, outside rearview, foldaway, manual, Black, adjustable 1 - Standard on (CTW) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4W) GVWR, 9500 lbs. (4491 kg).	S	S	S	S	S	S
	ZY1	Paint, solid	S	S	S	S	S	S
	E63	Pickup bed, F1500 box	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT

RPO Code	Flow RPO Code	Description	Reg. Ex. and Crew Cab				Ext. and Crew Cab			
			Front Truck 1MT	LS 1L3	LT1 1L7	LT2 2L7	LT3 3L7	LT4 4L7	LT5 5L7	LT6 6L7
OE8		1. Equipment group 1MT, 1L3 and LT1 available on CK3593, CK3593A and CK3593B Models. 2. Equipment group 2L7 and 3L7 available on CK3593 and CK3593A Models.	S	S	S	S	S	S	S	S
		Tires, LT265/75R16E, on-/off-road, blackwall 1. Requires CK3593, CK3593A, or CK3593B Models and (C4M) GVWR, 9900 lbs. (4491 kg) only. - Includes 5 tires with (E83) pickup bed, 26" x 16" (660 mm x 406 mm) 16.5" (419 mm) B-hug steel, painted (dual rear), includes painted center caps and steel spare (5171 kg) (dual rear wheels) 2. Requires CK3593A or CK3593B Models and (C4M) GVWR, 9900 lbs. (4491 kg) only. - Includes 4 tires with (ZV9) pickup bed, delete.	S	S	S	S	S	S	S	S
		Tire carrier, outside spare, winch-type mounted under frame at rear	S	S	S	S	S	S	S	S
		Single rear wheels 1. Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only. - Requires 4WD Models. - Not available with (C7W) GVWR, 11,400 lbs. (5171 kg) 2. Standard on (C7W) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg)	S	S	S	S	S	S	S	S
		Dual rear wheels 1. Standard on (C7W) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg) 2. Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only. - Not available with (C7W) GVWR, 11,400 lbs. (5171 kg) (dual rear wheels)	S	S	S	S	S	S	S	S
		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) B-hug steel, painted (dual rear), includes painted center caps and steel spare (5171 kg) (dual rear wheels)	S	S	S	S	S	S	S	S
		Wheels, 4 - 16" x 7.0" (40.6 cm x 17.8 cm) B-hug steel (single rear wheel) 1. Center Cap is Argent. - Standard with (C4M) GVWR, 9900 lbs. (4491 kg) only. 2. Center Cap is Chrome. - Standard with (C4M) GVWR, 9900 lbs. (4491 kg) only.	S	S	S	S	S	S	S	S
DC1		Wheel flares, front only 1. With (C4M) GVWR, 9900 lbs. Includes rear wheel flares unless (ZV9) pickup box delete is ordered. 2. With (C4M) GVWR, 9900 lbs. Includes rear wheel flares unless (ZV9) pickup box delete is ordered.	S	S	S	S	S	S	S	S
B71		Wipers, intermittent, front, wiper arm with pulse washers	S	S	S	S	S	S	S	S
		Wipers, intermittent, front, wiper arm with pulse washers	S	S	S	S	S	S	S	S
K68		Alternator, 105 amps 1. Not available with (VYU) Snow Prep Package.	S	S	S	S	S	S	S	S
		Battery, heavy-duty, 800 cold-cranking amps, includes rundown protection and retained accessory power 1. Not standard with (LT7) Engine, Duramax 6600 Turbo Diesel V8. 2. Not standard with (LT7) Engine, Duramax 6600 Turbo Diesel V8.	S	S	S	S	S	S	S	S
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	S	S	S	S	S
KC4		Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	S	S	S	S	S	S	S	S
		Engine, Vortec 6000 V8 SFI (300 HP [223.8 kW] @ 4400 rpm, 360 lb.-ft. [486.6 N-m] @ 4000 rpm)	S	S	S	S	S	S	S	S
LC4		Exhaust, aluminum stainless-steel muffler and tailpipe	S	S	S	S	S	S	S	S
		Frame, ladder-type, hydroformed	S	S	S	S	S	S	S	S
		Rear axle, 4.10 ratio 1. Refer to Engine/Make Chart for availability.	S	S	S	S	S	S	S	S
GT5		Steering, power	S	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT

RPO Code	Flow RPO Code	Description	Reg. Ex. and Crew Cab				Ext. and Crew Cab			
			Front Truck 1MT	LS 1L3	LT1 1L7	LT2 2L7	LT3 3L7	LT4 4L7	LT5 5L7	LT6 6L7
		1. Equipment group 1MT, 1L3 and LT1 available on CK3593, CK3593A and CK3593B Models. 2. Equipment group 2L7 and 3L7 available on CK3593 and CK3593A Models.	S	S	S	S	S	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S	S	S	S	S	S
		Suspension, rear, 3-stage springs	S	S	S	S	S	S	S	S
265		Suspension Package, Handling/Trailering, heavy-duty, includes 30mm piston monolever shocks	S	S	S	S	S	S	S	S
NP2		Transfer case, floor-mounted shifter 1. Standard with 4WD Models. - Requires (A67) Seats, front 40/20/40 split-bench.	S	S	S	S	S	S	S	S
		Transmission, 5-speed manual 1. Standard with 4WD Models. - Requires (A67) Seats, front 40/20/40 split-bench. 2. Standard with 4WD Models. - Requires (A67) Seats, front 40/20/40 split-bench.	S	S	S	S	S	S	S	S
AM3		Transmission, 5-speed manual 1. Standard with 4WD Models. - Requires (A67) Seats, front 40/20/40 split-bench. 2. Standard with 4WD Models. - Requires (A67) Seats, front 40/20/40 split-bench.	S	S	S	S	S	S	S	S

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

<p>S = Standard Equipment A = Available — (dash) = Not Available</p> <p>■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable</p> <p>No deletions allowed to Equipment Groups. Additional options may be added; check ordering information section for compatibility.</p> <p>*Indicates availability of feature on multiple models. For example, (1) indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab Work Truck 100"1	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1- Requires Extended or Crew Cab Models. - Not available with (NYU) Snow Prep Package. 2- Must be selected with (CJ2) Air Conditioning, dual-zone, manual with (NYU) Snow Prep Package is required.	—	—	A ¹	□ ²	□ ²	□ ²	□ ²
D07		Console, floor, includes storage compartment and dual cupholders	—	—	—	—	—	—	—
D07		Console, overhead mini, includes map lights 1- Not available with (CPS) Sunroof, power.	—	—	—	—	—	—	—
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	■	■	■
C49		Defogger, rear-window, electric 1- Not available with (A28) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order types only. 2- Not available with (A28) Window, rear sliding.	A ¹	■ ²	■ ²	■ ²	■ ²	■ ²	■ ²
AU3		Door locks, power 1- Available with Fleet and Government order types only.	A ¹	A	A	■	■	■	■
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1- Available with Fleet and Government order types only. 2- May be substituted with (BGS) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■	■	■	■
AU0		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	—	—	—	■	■	■	■
DF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	—	—	—	■	■	■	■
**D		Seat trim, Custom Cloth	A	■	■	■	■	■	■
**2		Seat trim, leather 1- Available with Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl bench. - Crew Cab includes front and rear leather appointed seating surfaces.	—	—	A ¹	A ¹	A ¹	A ¹	A ¹
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1- Requires (**D) Seat trim, Custom Cloth.	—	■ ¹	■	■	■	■	■

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab Work Truck 100"1	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2	LT LT1 LT2
		1- Equipment groups 1W1, LT5 and LT1 available on C3500, C3500S, and C3500S Models. 2- Equipment group 2LT and 3LT available on C3500S and C3500S Models.	—	—	—	—	—	—
	AG5	Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	—	—	—	—	—	—
	AN3	Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	—	—	—	—	—	—
AG1		Seat adjuster, power, driver 6-way 1- Included with (**2) Seat trim, leather on Extended and Crew Cab Models. 2- With (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	—	—	A ¹	■	■	■ ²
	AG2	Seat adjuster, power, front passenger 10-way 1- Included and only available with (AN3) Seats, front power reclining full-feature buckets.	—	—	—	—	—	—
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS) 1- Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2- Upgradeable to (UCS) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■ ¹	□ ²	—	—
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	—	—	—	—	A	■
	UQ3	Sound system feature, audio speakers	—	—	—	—	—	—
	UQ7	Sound system feature, Bose Premium speaker system	—	—	—	—	—	—
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC), Provides access to enhanced Driver Information Center (DIC) features and information	—	—	A	A	A	■
	UK6	Sound system feature, rear audio controls, includes dual headphone jacks (headphones not included), power outlet and controls for volume, station selection and media 1- Requires Crew Cab Models.	—	—	—	—	■ ¹	■ ¹
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	—	—	—	—	■	■
	A31	Windows, power, includes driver and passenger express-down Bumper, rear, chrome step, includes pad 1- Not available with (ZWG) Pickup bed, delete.	A ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹
VB3			—	—	—	—	—	—

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

Fleet Flow RPO Code	Ref. RPO Code	Description	Reg. Ext. and Crew Cab		Ext. and Crew Cab	
			1LT 1LT1	LS LS1	LT LT1	LT2 LT2
T66		1. Fog lamps, front, halogen 2. With 2WD Models require (V76) Recovery hooks, front, frame-mounted.	-	-	A ¹	■
AJ1		Glass, Solar Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1. With Extended Cab Models includes rear window and rear quarter windows. - With (C48) Defogger, rear window, electric. Includes light-tinted rear window.	A ¹	A ¹	■ ¹	■ ¹
DL8		1. Mirrors, outside rearview, manual folding, power, heated, Black 2. Upgradable to DL81 Mirrors, outside rearview, power folding, manual mirror, manual folding, power, heated, Black Mirrors, vertical camper, outside rearview.	-	-	□ ¹	□ ¹
V76		1. Standard on 4WD Models only. Recovery hooks, front, frame-mounted	A ¹	A ¹	■ ¹	■ ¹
P06		Whisks, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 3-lug steel, with bright metal tips and chrome center caps and steel spore 1. Requires and only available with (C79) GVWR, 11,400 lbs. (5171 kg) (dual rear wheel)	-	■ ¹	■ ¹	■ ¹
NP1		Transfer case, electronic shift, includes push-button controls 1. Requires 4WD Models. - Requires (MT1) Transmission, 4-speed 6-speed automatic. 2. Requires (C48) Defogger, rear window, electric.	-	-	A ¹	■ ¹
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling external transmission oil cooler 1. Requires (C48) Engine, Vortec 6000 V8 SFI. Standard on (C48) GVWR, 9900 lbs. (4491 kg) only. 2. Requires (C48) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	■ ²	■ ²

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

Fleet Flow RPO Code	Ref. RPO Code	Description	Reg. Ext. and Crew Cab		Ext. and Crew Cab	
			1LT 1LT1	LS LS1	LT LT1	LT2 LT2
CJ2		1. Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 2. Requires Extended Cab Models. - Not available with (V76) Snow Plow Prep Package. 3. Must be ordered with (C79) GVWR, 11,400 lbs. (5171 kg) (dual rear wheel) (V76) Snow Plow Prep Package is ordered.	-	-	A ¹	□ ²
D07		Console, floor, includes storage compartment and dual cupholders	-	-	-	■
DK1		Console, overhead mini, includes map lights 1. Not available with (C79) GVWR, 11,400 lbs. (5171 kg) (dual rear wheel)	-	-	■ ¹	■ ¹
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■
C49		Defogger, rear-window, electric 1. Not available with (A23) Window, rear sliding or (C42) Air conditioning delete. - Available with Fleet and Government order types only. 2. Not available with (A23) Window, rear sliding.	A ¹	■ ¹	■ ²	■ ²
AU3		Door locks, power 1. Available with Fleet and Government order types only.	A ¹	A	■	■
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1. Available with Fleet and Government order types only. 2. May be substituted with (G39) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■
AU0		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	-	-	■	■
DF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	■	■
ND		Seat trim, Custom Cloth	A	■	■	-
2		Seat trim, leather 1. Not available on Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl bench. - Crew Cab includes front and rear leather appointed seating surfaces.	-	-	A ¹	■ ¹
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1. Requires ("D) Seat trim, Custom Cloth.	-	■ ¹	■	-

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab		
			Work Truck 1991 ¹	LS 11.5 ¹	LT 11.1 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹
	A55	Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets	-	-	-	-	-	-
	AN3	Seats, front power reclining full-feature buckets, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets	-	-	-	-	-	-
AG1		Seat adjuster, power, driver 6-way 1. Included with ("2) Seat trim, leather on Extended and Crew Cab Models. (AN3) Seats, front power reclining full-feature buckets, includes 10-way adjuster.	-	-	A ¹	-	-	■ ²
	AG2	Seat adjuster, power, front passenger 10-way 1. Included and only available with (AN3) Seats, front power reclining full-feature buckets.	-	-	-	-	-	■ ¹
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS) (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	A	■	■ ¹	■ ¹	■ ¹	-
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	-	-	-	A	■	-
	UQ3	Sound system feature, audio speakers	-	-	■	-	-	-
	UQ7	Sound system feature, Bose Premium speaker system	-	-	-	■	■	■
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). Provides access to enhanced Driver Information Center (DIC) features and information	-	-	A	A	■	■
	UK6	Sound system feature, rear audio controls, includes dual telephone jacks (headphones not included), power outlet and controls for volume, station selection and media 1. Requires Crew Cab Models.	-	-	-	■ ¹	■ ¹	■ ¹
	NPS	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	■	■	■	■
	A31	Windows, power, includes driver and passenger express-down	-	-	-	■	■	■
VB3		Bumper, rear, chrome step, includes pad 1. Not available with (ZWS) Pickup bed, delete.	A ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab		
			Work Truck 1991 ¹	LS 11.5 ¹	LT 11.1 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹
	T96	Fog lamps, front, halogen 1. With 2WD Models requires (V76) Recovery hooks, front, frame-mounted.	-	-	-	-	-	■
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1. Includes dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets. With (C68) Defogger, tinted windows, electric, includes light-tinted rear window.	A ¹	A ¹	■ ¹	■ ¹	■ ¹	■ ¹
	DL6	Mirrors, outside rearview, manual folding, power, heated, Black 1. Upgradeable to (D) Mirror, outside rearview, power folding, (C4M) GWR, 9900 lbs. (4481 kg) only. 2. Requires (LQ4) Engine, Vortec 6000 V8 SFI, Standard on (C4M) GWR, 9900 lbs. (4481 kg) only.	-	-	■ ¹	■ ¹	■ ¹	■ ¹
V76		Recovery hooks, front, frame-mounted 1. Standard on 4WD Models only.	A ¹	A ¹	A ¹	A ¹	A ¹	■ ¹
	P06	Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare 1. Requires and only available with (C7W) GWR, 11,400 lbs. (5171 kg) (dual rear wheel)	-	-	■ ¹	■ ¹	■ ¹	■ ¹
NP1		Transfer case, electronic shift, includes push-button controls 1. Requires 4WD Models. - Requires (MT1) Transmission, 4-speed manual, Allison 1000 2. Requires (LQ4) Engine, Vortec 6000 V8 SFI, Standard on (C4M) GWR, 9900 lbs. (4481 kg) only.	-	-	-	A ¹	A ¹	■ ¹
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1. Requires (LQ4) Engine, Vortec 6000 V8 SFI, Standard on (C4M) GWR, 9900 lbs. (4481 kg) only. 2. Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	A ¹	A ¹	A ¹	■ ²
ADDITIONAL OPTIONS								
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab		
			Work Truck 1991 ¹	LS 11.5 ¹	LT 11.1 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹	LTZ 11.7 ¹
		1. Equipment groups NP1, LS and LT available on C3500, C3500S, and C3500S Models. 2. Equipment group 2LT and 3LT available on C3500S and C3500S Models.	-	-	-	-	-	-
CJ3		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1. Required and only available with (VYU) Snow Plow Prep Package is ordered.	S	S	S	A ¹	A ¹	A ¹
C42		Air conditioning delete, provides heater only 1. Requires Regular Cab Models.	A ¹	-	-	-	-	-
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1. Requires Extended or Crew Cab Models. - Not available with (VYU) Snow Plow Prep Package. 2. Must be substituted with (CJ3) Air conditioning, dual-zone, manual with (VYU) Snow Plow Prep Package is ordered.	-	-	-	A ¹	A ¹	■ ²

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS									
FMS FPO Code	Ref. RPO Code	Description	Reg. Ext. and Crew Cab			Ext. and Crew Cab			
			Wet Truck 1WT ¹	LS 4L5 ¹	L11 4L7 ¹	L12 4L7 ²	L13 4L7 ²		
K34		Cruise control, electronic with set and resumes speed. Includes telltale in instrument panel cluster.	A ¹	■	■	■	■	■	
C49		Defogger, rear-window, electric. 1 - Not available with (A29) Window, rear sliding or (C42) Air, conditioning delete. - Available with Fleet and Government order types only. 2 - Not available with (A29) Window, rear sliding.	A ¹	■ ²	■ ²	■ ¹	■ ²	■ ²	
AU3		Door locks, power. 1 - Available with Fleet and Government order types only.	A ¹	A	■	■	■	■	
BG9		Floor covering, rubberized vinyl, Black. 1 - Not available with (B22) Medium Gray Leather Interior Trim.	S	S	A ¹	-	-	-	
B30		Floor covering, color-keyed carpeting and rubberized vinyl floorboards. 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B39) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■	■	■	
UE1		OnStar, 1-year Safe and Sound Service. Includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information. 1 - Requires (UK3) Sound system feature, steering wheel mounted radio controls. Visit www.onstar.com for system information and details. Not available with a ship-to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹	A ¹	A ¹	
P08		OnStar Plus Package. Includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls. 1 - Requires Extended or Crew Cab Models. Package does not include the 48 contiguous United States. Not available with a ship-to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹	A ¹	A ¹	
RQ0		OnStar Plus Package discount not desired. 1 - Requires Extended or Crew Cab Models. - Required when content within option package is ordered and entire package is not desired.	-	-	A ¹	A ¹	A ¹	A ¹	
AET		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints.	S	A	-	-	-	-	
AG1		Seat adjuster, power, driver 6-way. 1 - Included with (T2) Seat trim, leather on Extended and Crew Cab Models. (A43) Seats, front power reclining full-feature buckets, includes 16-way adjuster.	-	-	A ¹	■	■ ²	■ ²	

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS									
FMS RPO Code	Ref. RPO Code	Description	Reg. Ext. and Crew Cab					Ext. and Crew Cab	
			Wet Truck 1WT ¹	LS 4L5 ¹	L11 4L7 ¹	L12 2L7 ²	L13 3L7 ²		
DNH		Regular production accessory, underseat storage, rear, lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Requires Extended Cab Models.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	
UB0		Sound system, ETR AM/FM stereo with CD player. Includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS). Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2 - Includes (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■ ¹	□ ²	-	-	
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer. Includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	-	-	-	A	■	■	
U42		Entertainment system, rear seat, includes DVD player, LCD display, and 2 wireless headphones 1 - Requires Crew Cab Models and (CJ2) Air conditioning. 2 - Requires Crew Cab Models.	-	-	-	A ¹	A ¹	A ¹	
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply. Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹	A ¹	A ¹	
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). Provides access to enhanced Driver Information Center (DIC) features and information	-	-	A	A	■	■	
CF5		NEW! Sunroof, power, tilt-sliding, electric with express-open and wind deflector. Includes (UG1) Universal Home Remote	-	-	-	A	A	A	
A28		Window, rear sliding, manual, deep-tinted 1 - Requires (A41) Glass, Solar-Ray deep tinted. - Dealers or not available with (C49) Defogger, rear-window, electric when ordered. Not available with (ZV9) Pickup bed delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	
VB3		Bumper, rear, chrome step, includes pad. 1 - Not available with (ZV9) Pickup bed delete.	A ¹	■ ¹	■ ¹	■ ¹	■ ¹	■ ¹	

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Rep. Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab	Rep. Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment group 1M7, 1L5 and 1L7 available on CK3593, CK3593 Models and C3500 Models. 2 - Equipment group 2L1 and 1L7 available on C35933 and C35943 Models.	Weak Truck 1M7	1L5	1L7	1L5	1L7	1L7	1L7
VF7		Bumper, rear, delete (vehicles registered in certain states must have a rear bumper to be operated on their roads, consult local laws) 1 - Not available with (222) Trailering equipment, heavy-duty or (ZW9) Pickup bed, delete.	A ¹	A ¹	-	-	-	-	-
T96		Fog lamps, front, halogen 1 - With ZWD Models requires (V76) Recovery hooks, front, frame-mounted.	-	-	A ¹	-	A ¹	-	-
AL1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1 - With Extended Cab Models, includes rear window and rear side window. Includes light-tinted rear window.	A ¹	A ¹	-	-	-	-	-
U01		Lamps, amber roof marker 1 - Standard on (C7W) GVWR, 11,400 lbs. (\$171 kg) only.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
DF2		Mirrors, outside rearview, foldaway, manual, camper-style. Black, high visibility, extendable, includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" (218.4 cm))	A	A	-	-	-	-	-
DL3		Mirrors, outside rearview, power folding, power, heated, Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1 - Requires (C4M) GVWR, 9900 lbs. (4491 kg). - Curb-tilt feature when (UK3) Sound system feature, steering wheel mounted radio controls. 2 - Requires (C4M) GVWR, 9900 lbs. (4491 kg). - Includes curb-tilt when (UK3) Sound system feature, steering wheel mounted radio controls is ordered.	-	-	A ¹	A ²	A ²	A ²	A ²
DPN		NEV1 Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	-	-	A	A	A	A	A
ZW9		Pickup bed, delete	A	A	A	A	A	A	A
V76		Recovery hooks, front, frame-mounted 1 - Standard on WVD Models only.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
BVE		Regular production accessory, Assist steps, chrome plated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Rep. Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab	Rep. Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab	Ext. and Crew Cab
		1 - Equipment group 1M7, 1L5 and 1L7 available on CK3593, CK3593 Models and C3500 Models. 2 - Equipment group 2L1 and 1L7 available on C35933 and C35943 Models.	Weak Truck 1M7	1L5	1L7	1L5	1L7	1L7	1L7
BVS		Regular production accessory, Assist steps, Black coated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
PPB		Regular production accessory, Tonneau cover, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
EB5		Regular production accessory, Tonneau cover, Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
EN6		Regular production accessory, Tonneau cover, Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SPO-supplied, dealer installed) 1 - Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
XYK		Tires, LT215/65R16D, all-season, blackwall 1 - Requires and standard on CK3593 and (C7W) GVWR, 11,400 lbs. (5171 kg). - Includes 6 tires with (C4M) GVWR, 9900 lbs. (4491 kg). - Includes 7 tires with (E63) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs. - Includes 6 tires with (E63) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
XEC		Tires, LT215/65R16E, all-season, blackwall 1 - Required and standard on CK3593 Models and (V7U) Snow Prep Package or CK3593 Models and (C7W) GVWR, 11,400 lbs. (5171 kg). - Includes 6 tires with (E63) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
XEF		Tires, LT215/65R16E, on/off-road, blackwall 1 - Requires and standard on CK3593 Models and (V7U) Snow Prep Package or CK3593 Models and (C7W) GVWR, 11,400 lbs. (5171 kg). - Includes 6 tires with (E63) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
ZER		Tire, spare LT265/75R16E, on/off-road, blackwall 1 - Requires and standard on CK3593 Models and (C4M) GVWR, 9900 lbs. (4491 kg). - Includes 6 tires with (E63) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

2008 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Req., Est. and Crew Cab					Est. and Crew Cab	
			Wt. Trunk (WT ¹)	L5 (L5 ²)	L7 ¹ (L7 ²)	L12 (L12 ¹)	L13 (L13 ¹)	L17 (L17 ¹)	L17 (L17 ¹)
ZYK		1. Equipment group 1WT, L5 and L17 available on C35933, C35934 and C35943 Models. 2. Equipment group ZLT and L17 available on C35933 and C35943 Models. Tire, spare LT215/65R16D, all-season, blackwall, located at rear underbody of vehicle. 1. Requires C35930 Models and (VYU) Snow Plow Prep Package (XEC) Tires, LT215/65R16E, all-season, blackwall. - Not available with (VYU) Snow Plow Prep Package. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg). 2. Requires C35943 or C35953 Models and (ZV9) Pickup bed, delete and (XCV) Tires, LT215/65R16D, all-season, blackwall. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
ZEC		Tire, spare LT215/65R16E, all-season, blackwall, located at rear underbody of vehicle. 1. Requires C35930 Models and (VYU) Snow Plow Prep Package (XEC) Tires, LT215/65R16E, all-season, blackwall. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg). 2. Requires C35943 or C35953 Models and (ZV9) Pickup bed, delete and (XCV) Tires, LT215/65R16E, all-season, blackwall. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹	A ¹	A ²	A ²	A ²	A ²
ZEF		Tire, spare LT215/65R16E, on/off-road, blackwall, located at rear underbody of vehicle. 1. Requires (XEF) Tires, LT215/65R16E, on/off-road, blackwall and (ZV9) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
SAF		Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door. 1. Not available with (ZV9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
NZ7		NEV ¹ Wheels, 4 - 16" x 7" (40.6 cm x 17.8 cm) 8-lug chrome-clad steel. 1. Requires C35943 Models and (C4M) GVWR, 9900 lbs. (4491 kg).	-	-	A ¹	A ¹	A ¹	A ¹	A ¹
K47		Air cleaner, high-capacity. 1. Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8, - with (Z83) Trailering equipment, heavy-duty. - Included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
K15		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas. 1. Requires (C4J) Engine, Vortec 6000 V8 SFI and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps. Includes run-down protection and retained accessory power. 1. Not available with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
		Cooling, internal transmission oil cooler, water-to-oil, integral to driver side of radiator tank. 1. Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty. - Included with (MWV) Transmission, Allison 1000 6-speed automatic.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

ADDITIONAL OPTIONS									
Free Flow RPO Code	Ref. Only RPO Code	Description	Req., Est. and Crew Cab					Est. and Crew Cab	
			Wt. Trunk (WT ¹)	L5 (L5 ²)	L7 ¹ (L7 ²)	L12 (L12 ¹)	L13 (L13 ¹)	L17 (L17 ¹)	L17 (L17 ¹)
G80		Differential, locking, heavy-duty, rear. 1. Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
FE9		Emissions, Federal requirements	A	A	A	A	A	A	A
YF5		Emissions, California state requirements	A	A	A	A	A	A	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle). Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A	A	A	A	A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions). 1. Requires (FE9) Emissions, Federal requirements.	A ¹	A ²	A ¹	A ¹	A ¹	A ¹	A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions). 1. Requires (YF5) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
K05		Engine block heater. 1. Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
L18		Engine, Vortec 8100 V8 SFI (330 HP [245.8 kW] @ 4200 rpm, 450 lb.-ft. [607.5 N-m] @ 3200 rpm)	A	A	A	A	A	A	A
LLY		Engine, Duramax 6600 Turbo Diesel V8, (with Manual Transmissions 300 HP [223.8 kW] @ 3000 rpm, 520 lb.-ft. [702.0 N-m] @ 1600 rpm) (with Automatic Transmissions 310 HP [231.2 kW] @ 3000 rpm, 605 lb.-ft. [816.8 N-m] @ 1600 rpm) 1. Includes (CQ3) Battery, heavy-duty dual, 770 cold-cranking amps, (K05) Engine block heater and (K47) Air cleaner, high capacity. - Not available with (LLY) Engine, Duramax 6600 Turbo Diesel.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹

ADDITIONAL OPTIONS								
File Fls RPO Code	Part Only RPO Code	Description	Reg. Est. and Crew Cab			Ext. and Crew Cab		
			Heavy Truck 1MT	LS 1LS	LT1 1LT	LT2 2LT	LT3 3LT	
		1. Equipment group 1WT, 1LS and 1LT available on C33503, C33533, and C33543 Models. 2. Equipment group 2LT and 3LT available on C33555 and C33543 Models.						
ZB2		Trailering equipment, heavy-duty, includes trailering hitch platform, 7-wire harness (harness includes wires for: park lamps, backup lamp, right turn, left turn, electric brake lead, battery and ground) with independent fused trailering circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity 1. Not available with (ZW9) Pickup bed, delete or (N7T) Bumper, rear, delete. 2. Not available with (ZW9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ²	A ²	
UY2		Trailering wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness 1. Requires (Z82) Trailering equipment, heavy-duty.	A ¹	A ¹	A ¹	A ¹	A ¹	
NP1		Transfer case, electronic shift, includes push-button controls 1. Requires 400P Model, Allison 1000 6-speed automatic, heavy-duty or (BW7) Transmission, Allison 1000 6-speed automatic.	-	-	A ¹	■ ¹	■ ¹	
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1. Requires (LQ4) Engine, Vortec 6000 V8 SFI. - Standard on (C4M) GWR, 9900 lbs. (4491 kg) only. 2. Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	A ¹	■ ²	■ ²	
ML6		Transmission, 6-speed manual, heavy-duty with overdrive 1. Requires (LLV) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Not available with (C4M) GWR, 9900 lbs (4491 kg).	A ¹	A ¹	A ¹	-	-	
MW7		NEW! Transmission, Allison 1000 6-speed automatic, electronically controlled with overdrive and electronic engine grade braking, includes tow/haul mode selector and (KNP) Cooling, external transmission oil cooler 1. Requires (LQ4) Engine, Vortec 6000 V8 SFI. 2. Requires (L18) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI.	A ¹	A ¹	A ¹	-	A ¹	

2006 Chevrolet Truck Silverado 3500 PEG STAIRSTEP

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed to Equipment Groups. Additional options may be added, check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Ref. Code	Description	Reg. Cab and Crew Cab	Ext. Cab	Crew Cab
		1. Equipment group 1WT, LT5 and LT7 available on C3500, C3500i, and C3500i Models. 2. Equipment group 2LT and 3LT available on C3500i and C3500i Models.	LT5 LT7	LT5 LT7	LT5 LT7
VB3		Bumper, rear, chrome step	■	■	■
K34		Cruise control	■	■	■
C48		Defogger, rear-window, electric	■	■	■
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) Bug steel	■	■	■
**D		Seat trim, Custom Cloth	■	■	■
UB0		Sound system, ETR AM/FM stereo with CD player	■	■	■
		1. Upgradeable to (UC8) Sound system, ETR AM/FM stereo with 6-disc CD changer.	■	■	■
AE7		Seats, front 40/20/40 split-bench, 3-passenger	■	■	■
DK7		Console, overhead mini	■	■	■
AU3		Door locks, power	■	■	■
B30		Floor covering, color-keyed carpeting	■	■	■
		1. May be substituted with (B29) Floor covering, rubberized vinyl.	■	■	■
AL1		Glass, Solar-Ray deep tinted	■	■	■
AU0		Keyless entry, remote	■	■	■
DF5		Mirror, inside rearview, electrochromic	■	■	■
DL6		Mirrors, outside rearview, manual folding, power, heated, Black	■	■	■
		1. Upgradeable to (DL3) Mirrors, outside rearview, power folding, heated, Black. 2. Upgradeable to (DL4) Mirrors, outside rearview, power folding, mirrors, vertical compass, outside rearview.	■	■	■
NP5		Steering wheel, leather-wrapped rim	■	■	■
A31		Windows, power	■	■	■
UC3		Sound system feature, audio speakers	■	■	■
CJ2		Air conditioning, dual-zone, automatic	■	■	■
		1. Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VW) Snow Plow Prep Package is ordered.	■	■	■
D07		Console, floor	■	■	■
T96		Fog lamps, front	■	■	■
V76		Recovery hooks, front, frame-mounted	■	■	■
AG1		Seat adjuster, power, driver 6-way	■	■	■
UC7		Sound system feature, Bose Premium speaker system	■	■	■

2006 Chevrolet Truck Silverado 3500 PEG STAIRSTEP

Free Flow RPO Code	Ref. Code	Description	Reg. Cab and Crew Cab	Ext. Cab	Crew Cab
		1. Equipment group 1WT, LT5 and LT7 available on C3500, C3500i, and C3500i Models. 2. Equipment group 2LT and 3LT available on C3500i and C3500i Models.	LT5 LT7	LT5 LT7	LT5 LT7
UK6		Sound system feature, rear audio controls	■	■	■
NP1		Transfer case, electronic shift	■	■	■
MT1		Transmission, 4-speed automatic, heavy-duty	■	■	■
AG5		Seats, front reclining buckets	■	■	■
AG2		Seat adjuster, power	■	■	■
AN3		Seats, front power reclining full-feature buckets	■	■	■
**2		Seat trim, leather	■	■	■
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer	■	■	■
UK3		Sound system feature, steering wheel mounted radio controls	■	■	■

2006 Chevrolet Truck Silverado 3500 INTERIOR

<p>S = Standard Equipment A = Available (dashed) = Not Available</p> <p>■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable</p> <p>*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p> <p>Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Req. Truck 1911*	Req., Ext. and Crew Cab 1911*	LS 1L3	LT1 1L1*	LT2 3L1*	LT3 3L1*	LT4 3L1*
		1 - Equipment groups 1W1, 1L5 and 1L7 available on C3500, C3500S and C3500S Models. 2 - Equipment group 2LT and 3LT available on C3500S and C3500S Models.							
		Air bags, front, driver and right front passenger 1 - Regular and Extended Cab Models includes passenger side deactivation switch. Always use safety belts and proper child restraints, even with air bags. Children are safer when properly seated in a rear seat. See the Owner's Manual for more safety information.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
CJ3		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1 - Required and only available with (VYU) Snow Plow Prep Package is ordered.	S	S	S	S	S ¹	S ¹	A ¹
C42		Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-	-	-	-
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Extended or Crew Cab Models. - Not available with (VYU) Snow Plow Prep Package. 2 - Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VYU) Snow Plow Prep Package is ordered.	-	-	-	A ¹	□ ²	□ ²	□ ²
		Assist handle, front passenger 1 - Also includes rear outboard passenger assist handle on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S	S	S	S
		Coat hook, driver side 1 - Also includes passenger side coat hook on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
D07		Console, floor, includes storage compartment and dual cupholders	-	-	-	-	-	-	-
DK7		Console, overhead mini, includes map lights 1 - Not available with (CF5) Sunroof, power.	-	-	-	-	-	-	-
DK8		Console, overhead deluxe 1 - Included and only available with (CF5) Sunroof, power.	-	-	-	-	-	-	-
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	■	■	■
		Cupholders, front 1 - Also includes rear cupholders on Extended and Crew Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹

2006 Chevrolet Truck Silverado 3500 INTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Req. Truck 1911*	Req., Ext. and Crew Cab 1911*	LS 1L3	LT1 1L1*	LT2 3L1*	LT3 3L1*	LT4 3L1*
C49		Defogger, rear-window, electric 1 - Not available with (A28) Window, rear sliding or (C49) Air conditioning delete. - Available with Fleet and Government order types only. 2 - Not available with (A28) Window, rear sliding.		A ¹	■ ²	■ ²	■ ²	■ ²	■ ²
AU3		Door locks, power 1 - Available with Fleet and Government order types only.		A ¹	A	■	■	■	■
		Driver Information Center, monitors numerous different systems depending on vehicle equipment		S	S	S	S	S	S
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with (922) Medium Gray Leather Interior trim.		S	S	S	A ¹	-	-
B30		Floor covering, color-keyed carpeting and rubberized vinyl floor mats 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B30) Floor covering, rubberized vinyl.		A ¹	A	□ ²	■	■	■
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer		S	S	S	S	S	S
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm		-	-	■	■	■	■
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry		S	S	S	S	S	S
		Mirror, inside rearview, manual daylight		S	S	-	-	-	-
	DF5	Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator		-	-	■	■	■	■
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information 1 - Requires (UK3) Sound system feature, steering wheel mounted radio controls. Visit www.onstar.com for system information and details. Not available with a ship-to of Puerto Rico or the Virgin Islands.		-	-	A ¹	A ¹	A ¹	A ¹
PDB		OnStar Plus Package, includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires Extended or Crew Cab Models. Package does not include (U2K) Sound system feature, XM Satellite Radio when ordered outside the 48 contiguous United States. Not available with a ship-to of Puerto Rico or the Virgin Islands.		-	-	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 INTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab				
			Reg. Truck 1LT ¹	LT ²	LT ¹	LT ²	LT ³
		1. Equipment group 1WT, 1LT and 1LT available on C3500, C3500S, and C3500S Models. 2. Equipment group 2LT and 3LT available on C3500S and C3500S Models.					
R6Q		OnStar Plus Package discount not desired. 1. Requires Extended or Crew Cab Models. Required when content within option package is ordered and entire package is not desired.	-	-	A ¹	A ¹	A ¹
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt.	S	S	S	S	S
	**V	Seat trim, vinyl	S	A	-	-	-
	**C	Seat trim, cloth	A	A	-	-	-
	**D	Seat trim, Custom Cloth	A	■	■	■	■
	**2	Seat trim, leather 1. Not available on Regular Cab Models. Extended Cab includes front leather seating surfaces with rear vinyl bench. Crew Cab includes front and rear leather appointed seating surfaces.	-	-	A ¹	A ¹	■ ¹
A67		Passenger manual reclining with outboard head restraints.	S	A	-	-	-
A67		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models. 1. Requires 17D Seat trim, Custom Cloth.	-	■ ¹	■	-	-
A95		Seats, front reclining bucket, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets.	-	-	-	■	-
AN3		Seats, front power reclining full-feature bucket, includes adjustable head restraints, floor console, driver and passenger 2-way power lumbar, driver and front passenger 10-way power adjustable, dual inboard armrests, heated driver and passenger cushion and back, 2-position driver-side memory and storage pockets.	-	-	-	-	■
		Seats, rear 60/40 split-bench, flat folding, 3-passenger (includes child seat top tether anchor). 1. Not available with Regular Cab Models.	S ¹	S ¹	S ¹	S	S
AG1		Seat adjuster, power, driver 6-way. 1. Included with (**2) Seat trim, leather on Extended and Crew Cab 2. XPH, (AN3) Seats, front power reclining full-feature bucket, includes 10-way adjuster.	-	-	A ¹	■	■ ²
AG2		Seat adjuster, power, front passenger 10-way reclining full-feature bucket. 1. Included and only available with (AN3) Seats, front power reclining full-feature bucket.	-	-	-	-	■ ¹
DNH		Regular production accessory, underseat storage, rear lockable. This is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO-supplied, dealer installed). 1. Requires Extended Cab Models.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 INTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab				
			Reg. Truck 1LT ¹	LT ²	LT ¹	LT ²	LT ³
		1. Equipment group 1WT, 1LT and 1LT available on C3500, C3500S, and C3500S Models. 2. Equipment group 2LT and 3LT available on C3500S and C3500S Models.					
	UM7	Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock.	S	-	-	-	-
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS). 1. Includes 4 speakers on Regular Cab and 6 speakers on Extended and Crew Cab Models. 2. Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■ ¹	D ¹	-
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer. Includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume, ThrillLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer).	-	-	-	A	■
UC6		Sound system feature, 4-speakers	S	S	-	-	-
UC3		Sound system feature, auto speakers	-	-	■	-	-
UC7		Sound system feature, Bose Premium speaker system	-	-	-	■	■
UA2		Entertainment system, rear seat, includes DVD player, LCD display and 2 wireless headphones. 1. Requires Crew Cab Models and (C42) Air conditioning, dual-zone, automatic. 2. Requires Crew Cab Models.	-	-	-	A ¹	A ²
UK4		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1. Subscription fees apply. Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹	A ¹
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DICC). Provides access to enhanced Driver Information Center (DIC) features and information.	-	-	A	A	■
UK6		Sound system feature, rear audio controls, includes dual headphones jacks (headphones not included), power outlet and controls for volume, station selection and media. 1. Requires Crew Cab Models.	-	-	-	■ ¹	■ ¹
		Steering column, Tilt-Wheel, adjustable, includes brake/acceleration shift interlock.	S	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	-	-	-
UP3		Steering wheel, leather-wrapped rim, Black. Includes theft-deterrent locking feature	-	-	■	■	■

2006 Chevrolet Truck Silverado 3500 INTERIOR

Fire Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment groups 1WT, 1LS and 1LT available on CK1500, C-3500, and C-3500 Models. 2. Equipment group 2LT and 3LT available on C-3500 and C-3500 Models.	1WT 1LS 1LT	1LT 1LT 1LT
CF5		NEVI Sunroof, power, tilt-sliding, electric with express-open and wind deflector, includes (UG1) Universal Home Remote	-	-
		Theft-deterrent system, PASSLOCK II	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S
	UG1	Universal Home Remote 1. Included and only available with (CF5) Sunroof, power.	-	-
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S
	A31	Windows, power, includes driver and passenger express-down	-	-
		Windows, rear quarter swing-out 1. Standard with Extended Cab Models only.	S	S
A28		Window, rear sliding, manual, deep-tinted 1. Requires (A31) Glass, Solar-Ray deep tinted. - Deletes or not available with (C49) Defogger, rear-window, electric when ordered. Not available with (ZW9) Pickup bed, delete.	S	S

2006 Chevrolet Truck Silverado 3500 EXTERIOR

Fire Flow RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Ext. and Crew Cab
		1. Equipment groups 1WT, 1LS and 1LT available on CK1500, C-3500, and C-3500 Models. 2. Equipment group 2LT and 3LT available on C-3500 and C-3500 Models.	1WT 1LS 1LT	1LT 1LT 1LT
		Air dam, Gray	S	S
	VG3	Bumper, front, chrome, with Gray tower	S	S
	Y43	Bumper, rear, painted step, includes pad 1. Not available with (ZW9) Pickup bed, delete.	S	-
VB3		Bumper, rear, chrome step, includes pad 1. Not available with (ZW9) Pickup bed, delete.	A	A
VF7		Bumper, rear, delete (vehicles registered in certain states must have a rear bumper to be operated on their roads, consult local laws) 1. Not available with (Z33) Trailering equipment, heavy-duty or (ZW9) Pickup bed, delete.	A	A
		Daytime running lamps, includes automatic exterior lamp control	S	S
T96		Fog lamps, front, halogen 1. With 2WD Models requires (V76) Recovery hooks, front, frame-mounted.	-	A
		Glass, Solar-Ray light tinted, all windows	S	S
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger) 1. With Extended Cab Models, includes rear window and rear quarter windows. - With (C49) Defogger, rear-window, electric, includes light-tinted rear window.	A	A
	TR3	Grille, color-keyed surround, with chrome accent bar	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control.	S	S
U01		Lamps, amber roof marker 1. Standard on (C7W) GVWR, 11,400 lbs. (5171 kg) only.	A	A
		Lamps, dual cargo area lamps	S	S
	D44	Mirrors, outside rearview, foldaway, manual, Black, adjustable 1. Standard on (C7W) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	S	S
	DE2	Mirrors, outside rearview, foldaway, manual, Black, adjustable 1. Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only. - Not available with (C7W) GVWR, 11,400 lbs. (5171 kg).	S	S

2006 Chevrolet Truck Silverado 3500 EXTERIOR

Flow Only RPO Code	Rel. RPO Code	Description	Reg. Excl. and Crim. Cds	Excl. and Crim. Cds
		1. Equipment groups 1MY, 1LS and 1LT available on C-35933, C-35934 and C-35934 Model. 2. Equipment group 2LT and 3LT available on C-35932 and C-35943 Model.	Excl. Excl. 1LT 1LS	1LT 1LS
DF2		Mirrors, outside rearview, foldaway, manual, camper-style. Black, high visibility, extendable. Includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" (3.4 cm)).	A	A
		Mirrors, outside rearview, manual folding, power, heated. Black power heated when (C4M) GVWR, 9900 lbs. is ordered or (DPN) Mirrors, outside camper, outside rearview.	-	-
DL8		Mirrors, outside rearview, manual folding, power, heated. Black power heated when (C4M) GVWR, 9900 lbs. is ordered or (DPN) Mirrors, outside camper, outside rearview.	-	-
DL3		Mirrors, outside rearview, power folding, power, heated. Black, driver side electrochromic (light-sensitive auto dimming) and turn signal in glass 1. Requires (C4M) GVWR, 9900 lbs. (4491 kg). Curb-ill feature requires (UX3) sound system feature, steering wheel mounted radio control. 2. Requires (C4M) GVWR, 9900 lbs. (4491 kg). - Includes curb-ill when (UX3) Sound system feature, steering wheel mounted radio control is ordered.	-	-
DPN		NEW! Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending. Includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	-	-
ZV1		Paint, solid	S	S
EG3		Pickup bed, Fleetside box	S	S
ZW9		Pickup bed, delete	A	A
V76		Recovery hooks, front frame-mounted 1. Standard on 4WD models only.	A ¹	A ¹
BVE		Regular production accessory, Assist steps, chrome plated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO-supplied, dealer installed) 1. -Not available with (ZM9) Pickup bed, delete.	A ¹	A ¹
BVS		Regular production accessory, Assist steps, Black coated tubular, stainless steel. These steps are dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO-supplied, dealer installed) 1. -Not available with (ZM9) Pickup bed, delete.	A ¹	A ¹
PR8		Regular production accessory, Pickup bed extender, brushed aluminum. The extender is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO-supplied, dealer installed) 1. -Not available with (ZM9) Pickup bed, delete.	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 EXTERIOR

Free Flow RPO Code	Rat.	Description	Pick-Up Bed and Cover Codes					
			Wagon Truck	S ¹	L ¹	L ²	L ³	L ⁴
RPO Code	Codes	Model(s)	Wagon Truck	S ¹	L ¹	L ²	L ³	L ⁴
E95	A ¹	Regular production accessory. Tonneau cover. Black, soft. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO supplied, dealer installed). 1 - Not available with (ZV9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
EN6	A ¹	Regular production accessory. Tonneau cover. Black, hard, folding, lockable. The cover is dealer installed and shipped separately from vehicle to parts department with VIN identification on packaging. (SFO-supplied, dealer installed) 1 - Not available with (ZV9) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
CER	S ¹	Tires, L721/S6SR16D, all-season, blackwall 1 - Requires CCK3590, or CCK3593 Models and (C4M) GVWR, 9900 lbs., includes 4 tires with (E63) Pickup bed, delete. 2 - Requires CCK3594 or CCK3595 Models and (C4M) GVWR, 9900 lbs., includes 4 tires with (ZV9) Pickup bed, delete.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
XYK	A ¹	Tires, L721/S6SR16D, all-season, blackwall 1 - Requires standard on CCK3590 and (CVN) GVWR, 11,400 lbs., includes 4 tires with (E63) Pickup bed, delete. 2 - Requires CCK3590 Models and (VVU) Snow Plow Prep Package, -includes 7 Tires with (E63) Pickup bed, Fleetsteel box, -includes 5 tires with (ZV9) Pickup bed, delete. -Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
XEC	A ¹	Tires, L721/S6SR16E, all-season, blackwall 1 - Required and standard on CCK3590 Models and (VVU) Snow Plow Prep Package or CCK3593 or CCK3594 Models and (CVN) GVWR, 9900 lbs., includes 4 tires with (E63) Pickup bed, Fleetsteel box, -includes 5 tires with (ZV9) Pickup bed, delete. -Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
XEF	A ¹	Tires, L721/S6SR16E, on-/off-road, blackwall 1 - Includes 3 Tires with (E63) Pickup bed, Fleetsteel box, -includes 6 Tires with (ZV9) Pickup bed, delete. -Not available with (C4M) GVWR, 9900 lbs.	A ¹	A ¹	A ¹	A ¹	A ¹	A ¹
ZER	A ¹	Tire, spare L726/SFRT16E, on-/off-road, blackwall 1 - Requires CCK3590, CCK3593 or CCK3594 Models and (C4M) GVWR, 9900 lbs (4491 kg), (ZV9) Pickup bed, delete, and (GER) Tires, L726/SFRT16E on-/off-road, blackwall. 2 - Requires CCK3594 or CCK3595 Models, (C4M) GVWR, 9900 lbs (4491 kg), (ZV9) Pickup bed, delete, and (GER) Tires, L726/SFRT16E on-/off-road, blackwall.	A ¹	A ¹	A ¹	A ²	A ³	A ³
ZYK	A ¹	Tire, spare L721/S6SR16D, all-season, blackwall, located at rear underbody of vehicle 1 - Requires CCK3590, CCK3594 or CCK3595 Models and (ZV9) Pickup bed, delete and (XYN) Tires, L721/S6SR16D, all-season, blackwall, with CCK3590 Models and (C4M) GVWR, 9900 lbs (4491 kg). 2 - Requires CCK3594 or CCK3595 Models and (ZV9) Pickup bed, delete and (XYN) Tires, L721/S6SR16D, all-season, blackwall, -Not available with (C4M) GVWR, 9900 lbs (4491 kg).	A ¹	A ¹	A ¹	A ²	A ³	A ³

2006 Chevrolet Truck Silverado 3500 EXTERIOR

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Truck 1WT ¹	Reg. Ext. and Crew Cab LS 1LS ¹	Reg. Ext. and Crew Cab LT ¹ 2LT ¹	Ext. and Crew Cab LT ¹ 2LT ¹
		1 - Equipment groups 1WT, 1LS and 1LT available on CK3500, C-3503, and C-3543 Models. 2 - Equipment group 2LT and 3LT available on C-3503 and C-3543 Models.				
ZEC		Tire, spare LT215/85R16E, all-season, blackwall, located at rear underbody of vehicle 1 - Requires CK3503 or CK3543 Models and (VYU) Snow Plow Prep Package (XED) Tires, LT215/85R16E, all-season, blackwall. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg). 2 - Requires CK3503 or CK3543 Models and (ZWS) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹	A ¹	A ²
ZEF		Tire, spare LT215/85R16E, on-/off-road, blackwall, located at rear underbody of vehicle 1 - Requires (XED) Tires, LT215/85R16E, on-/off-road, blackwall and (ZWS) Pickup bed, delete. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹	A ¹	A ¹
		Tire carrier, outside spare, winch-type mounted under frame at rear	S	S	S	S
SAF		Spare tire lock, keyed cylinder lock that utilizes same key as ignition and door 1 - Not available with (ZWS) Pickup bed, delete.	A ¹	A ¹	A ¹	A ¹
		Single rear wheels 1 - Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only. - Requires 4WD Models. - Not available with (C7W) GVWR, 11,400 lbs. (5171 kg)	S ¹	S ¹	S ¹	S ¹
		Dual rear wheels 1 - Standard on (C7W) GVWR, 11,400 lbs. (5171 kg) only. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	S ¹	S ¹	S ¹	S ¹
		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted (dual rear), includes painted center caps and steel spare 1 - Requires and only available with (C7W) GVWR, 11,400 lbs. (5171 kg) (dual rear wheel)	S ¹	-	-	-
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare 1 - Requires and only available with (C7W) GVWR, 11,400 lbs. (5171 kg) (dual rear wheel)	-	■ ¹	■ ¹	■ ¹
OC1		Wheels, 4 - 16" x 7.0" (40.6 cm x 17.8 cm) 8-lug steel (single rear wheel) 1 - Center Cap is Argent. - Standard with (C4M) GVWR, 9900 lbs. (4491 kg) only. 2 - Center Cap is Chrome. - Standard with (C4M) GVWR, 9900 lbs. (4491 kg) only.	S ¹	S ¹	S ²	S ²
NZ7		NEV1 Wheels, 4 - 16" x 7" (40.6 cm x 17.8 cm) 8-lug chrome-clad steel 1 - Requires CK3503 Models and (C4M) GVWR, 9900 lbs. (4491 kg).	-	-	A ¹	A ¹
B71		Wheel flares, front only 1 - With (C4M) GVWR, 9900 lbs. includes rear wheel flares unless (ZWS) Pickup box delete is ordered.	S ¹	S ¹	S ¹	S ¹
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S

2006 Chevrolet Truck Silverado 3500 MECHANICAL

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Truck 1WT ¹	Reg. Ext. and Crew Cab LS 1LS ¹	Reg. Ext. and Crew Cab LT ¹ 2LT ¹	Ext. and Crew Cab LT ¹ 2LT ¹
		1 - Equipment groups 1WT, 1LS and 1LT available on CK3500, C-3503, and C-3543 Models. 2 - Equipment group 2LT and 3LT available on C-3503 and C-3543 Models.				
K47		Air cleaner, high-capacity 1 - Included with (LLV) Engine, Duramax 6600 Turbo Diesel V8. - Included with (Z83) Trailering equipment, heavy-duty. - Included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹
KL5		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas 1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹
	K68	Alternator, 105 amps 1 - Not available with (VYU) Snow Plow Prep Package.	S ¹	S ¹	S ¹	S ¹
	KG3	Alternator, 145 amps 1 - Included and only available with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹
		Battery, heavy-duty, 600 cold-cranking amps, includes undown protection and retained accessory power 1 - Not standard with (LLV) Engine, Duramax 6600 Turbo Diesel V8.	S ¹	S ¹	S ¹	S ¹
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps, includes undown protection and retained accessory power 1 - Not available with (LLV) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹
	TQ3	Battery, heavy-duty dual, 770 cold-cranking amps, includes undown protection and retained accessory power 1 - Included and only available with (LLV) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	S
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	S	S	S	S
	KMP	Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil 1 - Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty. - Included with (MW7) Transmission, Allison 1000 6-speed automatic.	A ¹	A ¹	A ¹	A ¹
		Cooling, internal transmission oil cooler, water-to-oil, integral to driver side of radiator tank 1 - Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty. - Included with (MW7) Transmission, Allison 1000 6-speed automatic.	A ¹	A ¹	A ¹	A ¹
G80		Differential, locking, heavy-duty, rear 1 - Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only.	A ¹	A ¹	A ¹	A ¹
FE9		Emissions, Federal requirements	A	A	A	A

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. Est. and Crew Cab	Ext. and Crew Cab
		1 - Equipment group 2.1, 2.1.5 and 3.1.1 available on CK3593, CK3553 and CK3543 Models. 2 - Equipment group 2.1 and 3.1.1 available on CK3553 and CK3543 Models.	Reg. Est. and Crew Cab	Ext. and Crew Cab
Z92		Trailer equipment, heavy-duty, includes trailing hitch platform, 7-wire harness (harness includes wires for: park lamps, backup lamps, right turn, left turn, electric brake lead, battery and ground) with independent fused trailing circuits mated to a 7-way sealed connector, instrument panel jumper wiring harness for electric trailer brake controller, and 1-way sealed connector for center high-mounted stop/brake lamp. Also includes (K47) Air cleaner, high capacity filter, and (N77) Pickup bed, delete or (N77) Bumper, rear, delete. 2 - Not available with (Z99) Pickup bed, delete.	A ¹	A ¹
UY2		Trailer wiring provisions, for camper, 5th wheel and gooseneck trailer, includes additional 8-way wiring harness routed to front of Pickup box and added 7-way sealed connector for the trailer harness 1 - Requires (Z82) Trailing equipment, heavy-duty.	A ¹	A ¹
	NP2	Transfer case, floor-mounted shifter 1 - Standard with 4WD Models. - Requires (AE7) Seats, front 40/20/40 split-bench.	S ¹	S ¹
NP1		Transfer case, electronic shift, includes push-button controls 1 - Requires 4WD Models. - Requires (MT1) Transmission, 4-speed automatic, heavy-duty or (MW7) Transmission, Allison 1000 6-speed automatic.	-	A ¹
	MW3	Transmission, 5-speed manual 1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	S ¹	S ¹
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI. - Standard on (C4M) GVWR, 9900 lbs. (4491 kg) only. 2 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹
ML6		Transmission, 6-speed manual, heavy-duty with overdrive 1 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Not available with (C4M) GVWR, 9900 lbs. (4491 kg).	A ¹	A ¹
MW7		NEW! Transmission, Allison 1000 6-speed automatic, electronically controlled with overdrive and electronic engine grade tracking, includes tow/haul mode selector and (KNP) Cooling, external transmission oil cooler 1 - Requires (L18) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI.	A ¹	A ¹

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.									
Model		Engine	Transmissions			Axles		GWR lbs. (kg)	
		MW3 5-Speed Manual with OD	MT1 4-Speed Automatic with OD	ML6 6-Speed Manual with OD	MW7 Allison 1000 6-Speed Automatic with OD	GT4 3.73	GT5 4.10	C4M 9900 (4490) (5171)	
CK35903	LQ4 Vortec 6000 V8 gas	S ²	A	-	-	-	S	A	
	L18 Vortec 8100 V8 gas	-	-	A ²	A	-	S ³	A	
	LLY Duramax 6600 Turbo Diesel V8	-	-	A ²	A	A	-	A	
	CC35943/ CC35953	LQ4 Vortec 6000 V8 SFI	A	S	-	-	-	S	-
CC35943/ CC35953	L18 Vortec 8100 V8 SFI	-	-	A	A	-	A ³	-	
	LLY Duramax 6600 Turbo Diesel V8	-	-	A ²	A	A	-	-	
	CK35943/ CK35953	LQ4 Vortec 6000 V8 SFI	A ²	S	-	-	-	S	A
	L18 Vortec 8100 V8 SFI	-	-	A ²	A	-	A ³	A	
CK35943/ CK35953	LLY Duramax 6600 Turbo Diesel V8	-	-	A ²	A	A	-	-	
	LQ4 Vortec 6000 V8 SFI	A ²	S	-	-	-	S	A	
	L18 Vortec 8100 V8 SFI	-	-	A ²	A	-	A ³	A	
	LLY Duramax 6600 Turbo Diesel V8	-	-	A ²	A	A	-	A	

1 - Not available with ("2) Seat trim. Leather - Requires (AE7) Seats, front 40/20/40 split-bench.

2 - Not available with (C4M) GWR 9900 lbs. (4491 kg).

3 - Requires (ZM9) Pickup bed, delete with (YF5) Emissions, California state requirements or (ME1) Emissions, Maine, Massachusetts, New York or Vermont state requirements. (L18) Engine, Vortec 8100 V8 SFI and (ML6) Transmission, 6-speed manual, heavy-duty.

1 - Not available with (T2) Seat trim, Leather. - Requires (AE7) Seats, front 40/20/40 split-bench.

2 - Not available with (C4M) GVWR 9900 lbs. (4491 kg).

3 - Requires (Z99) Pickup bed, delete with (YF5) Emissions, California state requirements or (NE1) Emissions, Maine, Massachusetts, New York or Vermont state requirements, (L18) Engine, Vortec 8100 V8 SFI and (ML6) Transmission, 6-speed manual, heavy-duty.

2008 Chevrolet Truck Silverado 3500 COLOR AND TRIM - SOLID PAINT ZV1

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Driver Level	Seat Type	Seat Code	Seat Trim	Bucket		
				Tan	Dark Charcoal	Medium Gray
Work Truck/LS	Front 40/20/40 split-bench without fold-down armrest	AE7	Vinyl	52V	69V	—
Work Truck/LS	Front 40/20/40 split-bench without fold-down armrest	AE7	Cloth	52C	69C	—
Work Truck/LS/LT1	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D	69D	—
LT1	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather ¹	522	692	922
LT2	Front power buckets	A95	Custom Cloth	52D	69D	—
LT2	Front power buckets	A95	Custom Leather ¹	522	692	922
LT3	Front power reclining full-feature buckets	AN3	Custom Leather ¹	522	692	922

Exterior Solid Paint	Color Code	Truck Up Paint Number	Interior			Wheel Paint Code LT ¹
			Tan	Dark Charcoal	Medium Gray	
Sandstone Metallic ³	19U	WA-929L	A	A	A	Sandstone Metallic
NEW! Graystone Metallic	16U	WA-213M	A	A	A	Graystone Metallic
Dark Blue Metallic	25U	WA-722J	A	A	A	Black
Black	41U	WA-855S	A	A	A	Black
NEW! Blue Granite Metallic ³	46U	WA-928L	A	A	A	Black
Dark Green Metallic ³	47U	WA-9539	A	A	A	Dark Green Metallic
Summit White	50U	WA-8624	A	A	A	Summit White
Silver Birch Metallic	59U	WA-926L	—	A	A	Silver Birch Metallic
Sport Red Metallic ²	63U	WA-817K	A	A	A	Black
Victory Red	74U	WA-9260	A	A	A	Black

Above interior trim combinations are the only combinations allowed.
 Note: Wheel liners are Black on Work Truck and LS Models.
 1 - Not available with Regular Cab Models. - Leather seating surfaces on Extended Cab and Leather appointed, front and rear on Crew Cab Models.
 2 - Not available with Work Truck or LS Models.
 3 - Not available with Crew Cab Models.

2008 Chevrolet Truck Silverado 3500 COLOR AND TRIM - SEO SOLID PAINT

S = Standard Equipment A = Available (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable

*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Driver Level	Seat Type	Seat Code	Seat Trim	Bucket		
				Tan	Dark Charcoal	Medium Gray
Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Vinyl	52V	69V	—
Base	Front 40/20/40 split-bench without fold-down armrest	AE7	Cloth ¹	52C	69C	—
LS	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Cloth	52D	69D	—
LS	Front power buckets	A95	Custom Cloth	52D	69D	—
LS	Front 40/20/40 reclining split-bench with fold-down armrest	AE7	Custom Leather seat inserts ²	522	692	922
LS	Front power buckets	A95	Custom Leather seat inserts ²	522	692	922
LT	Front reclining buckets	AN3	Custom Leather seat inserts ²	522	692	922

Exterior Solid Paint	Color Code	Truck Up Paint Number	Interior			Wheel Paint Code LT ¹
			Tan	Dark Charcoal	Medium Gray	
Yellow	none	WA-5248	A	A	A	A
Blue Metallic	none	WA-5405	A	A	A	A
Yellow	none	WA-5445	A	A	A	A
Yellow	none	WA-5456	A	A	A	A
Blue	none	WA-5663	A	A	A	A
Green - Low Gloss	none	WA-6237	A	A	A	A
Tan - Low Gloss	none	WA-6238	A	A	A	A
Blue	none	WA-7154	A	A	A	A
Blue Metallic	none	WA-7159	A	A	A	A
Gray Metallic	none	WA-7840	A	A	A	A
Green	none	WA-7941	A	A	A	A
Green Woodland	9V5	WA-9015	A	A	A	A
Doeklin Tan	9V9	WA-9403	A	A	A	A
Orange	none	WA-9408	A	A	A	A
Yellow	none	WA-9414	A	A	A	A
Tangler Orange	9V4	WA-9417	A	A	A	A
Orange	none	WA-9419	A	A	A	A

2006 Chevrolet Truck Silverado 3500 COLOR AND TRIM - SEO SOLID PAINT

Indigo Blue	none	WA-9792	A	A	A	A
Light Aluminum Metallic	none	WA-228A	A	A	A	A
Wheatland Yellow	SW3	WA-253A	A	A	A	A
Dark Toreador Red	none	WA-334D	A	A	A	A
Pewter	none	WA-382E	A	A	A	A
Blue	none	WA-769H	A	A	A	A
Orange	none	WA-770H	A	A	A	A
NEW! Green	none	WA-5759	A	A	A	A

All wheel flares will be Black.
 1 - Not available with Crew Cab Models.
 2 - Not available with Regular Cab Models. - Leather seating surfaces on Extended Cab and Leather appointed, front and rear on Crew Cab Models.

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

S = Standard Equipment A = Available - (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models. Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.									
Free RPO Code	Ref. Only RPO Code	Description	Work Truck 1101*	LS 1.5*	LT 1.6*	LT 2.0*	LT 2.5*	LT 3.0*	LT 3.5*
		Interior							
6C7		Console, roof with reading lamps (MSRP = \$55.00) Provides a short interior roof console with spot reading lamps and up-level headliner.	A	A					
5B5		Power windows and mirrors (MSRP = \$728.00) with Regular Cab and Extended Cab Models (MSRP = \$815.00) with Crew Cab Models Provides power driver and passenger windows on a base trim level. Includes SEO (GM1) LH and RH outside power adjustable, manual folding, non heated mirrors and up level door panels. The mirror head is the same size and configuration as the base power mirror on LT décor. 1 - Requires RPO (AU3) Door locks, power programmable on Models CK35903 or CK35953 with RPO (C4M) GVWR, 3900 lbs. (4490 kg).	A ¹	A ¹					
8C3		Rear seat delete (MSRP = -\$375.00 Credit) Provides deletion of the rear seat on Extended Cab Pickup and Chassis Cabs. Exposed areas will remain untrimmed. 1 - Requires Models C-35953 and RPO (AE7) Seats, front 40/20/40 split-bench.	A ¹	A ¹					
9U4		Remote keyless entry (MSRP = \$170.00) Provides remote keyless entry on LS Décor or Work Truck Décor pickup trucks. Includes two transmitters, and deletes the lock cylinder on the right hand door. 1 - Requires RPO (AU3) Door locks, power and SEO (5B5) Power windows and mirrors.	A ¹	A ¹					

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only Code	Description	Reg. Truck (WT)	LS (LT)	LT1 (LT)	LT2 (LT)	LT3 (LT)
9U3		1. Equipment group 1WT, 1LS and 1LT available on C35533, C35551 and C35553 Models. 2. Equipment group 2LT and 3LT available on C35553 and C35543 Models. Seats, individual cloth (MSRP = No Charge) on Regular or Extended Cabs with Work Truck Decor. (MSRP = \$282.00 Credit) on Regular and Extended Cabs with LS Decor. (MSRP = \$282.00) on Crew Cabs with Work Truck Decor. (MSRP = No Charge) on Crew Cabs with LS Decor. Driver and passenger front individual seats in cloth trim (derived from RPO (AE7) 40/20/40 Split Bench with center 20" section removed). Does not include manual lumbar. Seats are manual, no power. Does not include a floor or roof console. Cloth rear seat with trim matching front seats will be provided on Extended and Crew Cabs. 1. Requires Trim codes (69V) Dark Charcoal or (52V) Tan on Regular or Extended Cab Models. Requires Trim codes (69D) Dark RPO (6A1) Steel adjuster, power, driver, 6-way. Seats, vinyl bucket (MSRP = No Charge) with Work Truck Driver and passenger front individual seats in vinyl trim (derived from AE7) 40/20/40 Split Bench with center 20" section removed. Does not include manual lumbar. Seats are manual, no power. Does not include a floor or roof console. Standard vinyl rear seat with trim matching front seats will be provided on Extended Cabs. 1. Requires Trim codes (69V) Dark Charcoal or (52V) Tan, Not available with RPO (AG1) Seat adjuster, power, driver, 6-way.	A ¹	A ¹	-	-	-
9S1		Seats, vinyl bucket (MSRP = No Charge) with Work Truck Driver and passenger front individual seats in vinyl trim (derived from AE7) 40/20/40 Split Bench with center 20" section removed. Does not include manual lumbar. Seats are manual, no power. Does not include a floor or roof console. Standard vinyl rear seat with trim matching front seats will be provided on Extended Cabs. 1. Requires Trim codes (69V) Dark Charcoal or (52V) Tan, Not available with RPO (AG1) Seat adjuster, power, driver, 6-way.	A ¹	A ¹	-	-	-
9R3		Sound system, delete (MSRP = No Charge) Deletes the base sound system and provides a storage compartment and a driver alert chime-tone module. Retains the antenna and base speaker system. 1. Requires a Fleet sales order.	A ¹	A ¹	-	-	-
9R0		Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT Decor. AM/FM stereo with cassette and digital clock, no CD player. Replaces the base radio. Requires a Fleet or Government sales order. Requires RPO (AE7) seats, front and rear split-bench on LT1.	A ¹	A ¹	A ¹	-	-
8S3		Backup alarm (MSRP = \$103.00) 97 Deletes backup alarm. 1. Requires RPO (C4M) Engine, Vortec 6000 V6 SFI or RPO (L18) Engine, Vortec 7100 V8 SFI.	A ¹	A ¹	A ¹	A ¹	A ¹
8E9		Bumper, front, painted White (MSRP = \$45.00) While painted front bumper in lieu of standard chrome. 1. Requires RPO (ZM9) Pickup bed, delete, RPO (VF7) Bumper, rear, delete, RPO (E63) Pickup bed, Fleece side and RPO (V43) Bumper, rear. Not available with Models C35543 or RPO (V63) Bumper, rear, chrome strip.	A ¹	A ¹	-	-	-

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only Code	Description	Reg. Truck (WT)	LS (LT)	LT1 (LT)	LT2 (LT)	LT3 (LT)
6P3		1. Equipment group 1WT, 1LS and 1LT available on C35533, C35551 and C35553 Models. 2. Equipment group 2LT and 3LT available on C35553 and C35543 Models. Camper Mirrors, remote control, power extendable, non-heated (MSRP = N/A) Requires RPO (AUB) Door lock, power and SEO (689) Power windows and mirrors to order and priced in addition to SEO Model.	A ¹	A ¹	-	-	-
5V1		Carrier with spare wheel - no tire (MSRP = \$82.00) Provides a spare wheel and tire carrier with a spare wheel but with no spare tire. 1. Requires RPO (ZM9) Pickup bed, delete. Not available with RPO (67) spare tire.	A ¹	A ¹	A ¹	A ¹	A ¹
9R1		Decal delete, Pickup bed (MSRP = No Charge) Deletes the "4x4" or "271" decal from the side of the Pickup bed. 1. Requires 4WD Models and RPO (E63) Pickup bed, Fleece side. Not available with SEO (67Z) Ornamentation, delete.	A ¹	A ¹	A ¹	A ¹	A ¹
9M4		Decal delete, tailgate (MSRP = No Charge) Deletes the nameplate decal on the Pickup bed tailgate. 1. Requires RPO (E63) Pickup bed, Fleece side. Not available with SEO (67Z) Ornamentation, delete.	A ¹	A ¹	-	-	-
5Z5		Hubcap delete (MSRP = \$15.00 Credit) with RPO (C4M) GVWR, 9900 lbs. (4490 kg) and (MSRP = \$18.00 Credit) with RPO (C7M) GVWR, 11,400 lbs (5171 kg) Deletes decorative cap at center of wheel.	A	-	-	-	-
8V2		Jack and tools delete (MSRP = \$32.00 Credit) Deletes the jack and the change tools that are standard. 1. Requires a Fleet or Federal government sales order.	A ¹	A ¹	A ¹	A ¹	A ¹
8X1		Label, fasten safety belts (MSRP = \$2.00) "Faster Safety Belts" reminder label on side door window glass.	A	A	A	A	A
9F2		Mirror, outside delete (MSRP = \$25.00 Credit) Deletes right and left hand outside rear view mirrors that are standard. Includes incomplete vehicle documentation. 1. Requires Models C35543 and a Fleet sales order.	A ¹	A ¹	-	-	-
9N6		Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00) Driver and passenger side 6" (15.2 cm) diameter convex spot add-on mirrors with brackets for use with West Coast style mirrors. Mirrors shipped loose in vehicle. 1. Requires RPO (697) Mirrors, outside driver and passenger side West Coast type.	A ¹	A ¹	-	-	-
9G1		Mirrors, camper type with convex passenger side mirror head (MSRP = \$109.00) Camper type driver and passenger side manual Black 6" x 10" (15.2 cm x 25.4 cm) mirror heads on sail panel mounted extendable arms. Provides a dual segment mirror on the driver side and a full convex mirror on the passenger side. 1. Requires RPO (C4M) GVWR, 9900 lbs. (4490 kg) and Models C35533 and C35535.	A ¹	A ¹	-	-	-

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only RPO Code	Description	Rep. Ext. and Crew Cab New Truck 1W1*	LT LT1	LT1 LT1*	LT LT1*	LT LT1*
8G9		Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00) Provides a convex combination driver and passenger side outside rearview mirror with 6" x 10" (15.2 cm x 25.4 cm) flat positioned over a 6" x 6.5" (15.2 cm x 16.5 cm) convex mirror head. Provides drilling in cab and mirror assembly shipped loose. For use with wide body applications up to 96" (243.8 cm). 1 - Requires RPO (Z99) Pickup bed, delete on Models CK35903 and C*35953.	A ¹	A ¹	-	-	-
9F7		Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00) Provides large West Coast style mirrors with spring loaded pre-set feature. Mirrors are Black. Includes cab drillings and mirror assembly shipped loose.	A	A	-	-	-
5M1		Mirrors, outside rearview, manual folding, power, non-heated, Black (MSRP = No Charge) 1 - Requires SEO (5S5) Power Mirrored Mirrors and RPO (A13) Power locks, entry on single rear wheel models.	A ¹	A ¹	-	-	-
6R2		Mirrors, outside rearview, sail panel mounted wide field of vision, manual adjust, black (MSRP = \$250.00) Provides convex combination RH and LH that are sail panel mounted, has 63.3 sq. inch flat glass positioned over a 30.1 sq. inch convex glass within a common head. Mirrors are shipped loose in vehicle RPO (Z99) Pickup bed delete. Not available with SEO (5S5) Power windows and mirrors.	A ¹	A ¹	-	-	-
8F2		Ornamentation, delete (MSRP = No Charge) Uplifter option. Deletes decals and nameplates on truck exterior. 1 - Requires Uplifter order.	A ¹	A ¹	-	-	-
9V9		Paints, solid (MSRP = No Charge). Doeskin Tan 1 - Requires SEO (TKG) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹
9W4		Paints, solid (MSRP = No Charge). Tanger Orange 1 - Requires SEO (TKG) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹
9W3		Paints, solid (MSRP = No Charge). Wheatland Yellow 1 - Requires SEO (TKG) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹
9V5		Paints, solid (MSRP = No Charge). Woodland Green 1 - Requires SEO (TKG) Special Paint.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow RPO Code	Ref. Only RPO Code	Description	Rep. Ext. and Crew Cab New Truck 1W1*	LT LT1	LT1 LT1*	LT LT1*	LT LT1*
5V0		Provision for body mounted lamp with hook-up wiring (MSRP = \$98.00) Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp. 21 amp nominal rating. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI, RPO (L18) Engine, Vortec 8100 V8 SFI, RPO (AET) Seats, front 402040 auxiliary, SEO (5G4) Provision for cab roof-mounted lamp, available with SEO (5G4) Provision for cab roof-mounted lamp, SEO (5X7) Provision for body mounted lamp, RPO (YUJ) Snow plow prep package or RPO (MW3) or (ML6) Transmission, manual.	A ¹	A ¹	A ¹	-	-
5X7		Provision for body mounted warning lamp (MSRP = \$98.00) Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp. 40 amp nominal rating. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI or RPO (L18) Engine, Vortec 8100 V8 SFI, Not available with RPO (TP2) Battery, auxiliary, SEO (5G4) Provision for cab roof-mounted lamp, SEO (5X7) Provision for body mounted lamp, RPO (YUJ) Snow plow prep package or RPO (MW3) or (ML6) Transmission, manual.	A ¹	A ¹	A ¹	A ¹	A ¹
5G4		Provision for cab roof-mounted lamp (MSRP = \$103.00) Instrument panel mounted switch and wiring to the roof of the cab for body upfitter to install and connect a cab roof mounted warning or emergency lamp. 21 amp nominal rating. Circuit access instructions are furnished. 1 - Not available with RPO (YUJ) Snow plow prep package, RPO (UE1) OnStar, SEO (YUJ) Provision for body mounted lamp with RPO (YUJ) Snow plow prep package or RPO (MW3) or (ML6) Transmission, manual.	A ¹	A ¹	A ¹	-	-
TKG		Solid Paint SEO solid paint, one color 1 - Required with any SEO paint selection. May require an extended lead time.	A ¹	A ¹	A ¹	A ¹	A ¹
9L3		Spare tire delete (MSRP = \$45.00 Credit) Deletes the spare tire only. Spare wheel and carrier remain. 1 - Requires RPO (E63) Pickup bed, Fleetside.	A ¹	A ¹	A ¹	A ¹	A ¹
5Z4		Spare wheel and tire delete (MSRP = \$110.00 Credit) Deletes spare tire, wheel and carrier that are base equipment. 1 - Requires RPO (E63) Pickup body. Not available with RPO (SAF) Spare tire lock.	A ¹	A ¹	A ¹	A ¹	A ¹
5Q1		Tall Lamp delete (MSRP = \$27.00 Credit) Body/bulder option. Deletes tail lamps and license plate lamp. Body/bulder must supply the rear lighting system. Certain types of rear lamp installations may require adding a resistor. 1 - Requires RPO (Z99) Pickup bed, delete. Not available with C*35943 Models.	A ¹	A ¹	-	-	-
		Mechanical					

2008 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow Only RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Ext. and Crew Cab
			Area Truck 157	LT LT LT LT LT
8C6		1. Equipment group 157, 145 and 147 available on CK35903, C-35953 and C-35943 Models. 2. Equipment group 21, 1 and 31, 1 available on C-35953 and C-35943 Models. Alternator, 145 amp (MSRP = \$140.00) 145 amp alternator in place of the standard 105 amp alternator. 1. Requires RPO (LCA) Engine, Verter 6000 V8 SFI or RPO (L18) Engine, Verter 8100 V8 SFI. Not available with RPO (VYU) show floor prep package.	A ¹	A ¹
8X5		Alternators, dual 105 amp (MSRP = \$224.00) Provides 210 amps total alternator power from a dual 105 amp alternator system. (L1, L1 Engine, Duramax 6600 6.6L Turbo Diesel V8. Not available with RPO (VYU) show floor prep package.	A ¹	A ¹
8B0		Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00) 770 CCA main cranking battery with a 600 CCA auxiliary battery. Auxiliary battery has an isolator and is not wired to ignition; provides an auxiliary electrical power source. 1. Requires RPO (LCA) Engine, Verter 6000 V8 SFI or RPO (L18) Engine, Verter 8100 V8 SFI. Not available with Models C-35943, RPO (L18) Battery, auxiliary heavy-duty, 600 cold-cranking amps or RPO (L17) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹
7Y9		Battery, Single 770 CCA (MSRP = \$56.00) Provides a 770 CCA HD cranking battery. 1. Requires RPO (LCA) Engine, Verter 6000 V8 SFI or RPO (L18) Engine, Verter 8100 V8 SFI. Not available with RPO (L18) Battery, auxiliary heavy-duty, 600 cold-cranking amps.	A ¹	A ¹
7Z1		Horn, high note (MSRP = \$20.00) In addition to base low note horn.	A	A
9L4		Power supply, 12 volt (MSRP = \$168.00) 12 volt direct power supply from the battery with two separate 30 amp fused circuits. Each circuit has a 30 amp mini fuse for both positive and ground to protect electrical accessories. Main supply lead has a 40 amp maxi-fuse. All fuses are serviceable. Provides either direct battery power or operation through the ignition system. Hook-up wire is provided under the passenger side glove box. Operational amperage is 21 amps each circuit; 28 amps total. Hook-up and operational instructions are provided. 1. Not available with RPO (U2X) Sound system feature, XM Satellite Radio, RPO (UE1) OnStar, or RPO (U42) Entertainment System. Not available with Models C-35943 or RPO (M42) or (M43) Transmission, manual.	A ¹	A ¹
VAB		Ship Thru Codes Ship Thru for Models C-35953 and CK35903 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment	A	A
VAY		Ship Thru for Models C-35953 and CK35903 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Mounting	A	A

2008 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES

Free Flow Only RPO Code	Ref. Only RPO Code	Description	Reg. Ext. and Crew Cab	Ext. and Crew Cab
			Area Truck 157	LT LT LT LT LT
VBC		1. Equipment group 157, 145 and 147 available on CK35903, C-35953 and C-35943 Models. 2. Equipment group 21, 1 and 31, 1 available on C-35953 and C-35943 Models. Ship Thru for Models C-35943 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment	A	A
VGB		Ship Thru for Models C-35943 (MSRP = \$120.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment (in Flint) and back to Flint Assembly.	A	A
VFW		Ship Thru for Models C-35943 (MSRP = \$255.00) Produced in Flint Assembly and shipped to NBC Truck Equipment	A	A
VGH		Ship Thru for Models C-35953 and CK35903 (MSRP = \$108.00) Produced in Pontiac Assembly and shipped to Monroe Truck Equipment	A	A
VGZ		Ship Thru for Models C-35953 and CK35903 (MSRP = \$108.00) Produced in Flint Assembly and shipped to Canfield Equipment	A	A
VSQ		Ship Thru for Models C-35943 (MSRP = \$270.00) Produced in Flint Assembly and shipped to Monroe Truck Equipment (in Jansville, VA) and onto Jansville Assembly.	A	A
VUD		Ship Thru for Models C-35943 (MSRP = \$90.00) Produced in Flint Assembly and shipped to Knapheide Truck Equipment	A	A
VUI		Ship Thru for Models C-35943 (MSRP = \$230.00) Produced in Flint Assembly and shipped to Ft. Wayne Fleet Equipment	A	A
VUM		Ship Thru for Models C-35943 (MSRP = \$305.00) Produced in Flint Assembly and shipped to Buckeye Truck Equipment	A	A
VVS		Ship Thru for Models C-35953 and CK35903 (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment	A	A
VVC		Ship Thru for Models C-35953 and CK35903 (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knapheide Truck Equipment	A	A
VVS		Ship Thru for Models C-35953 and CK35903 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Masttrack Truck Equipment	A	A

All dimensions in inches (mm) unless otherwise stated.

Specifications	CC33943 2WD Extended Cab Long Box with Dual rear wheel only		CC33943 2WD Crew Cab Long Box with Dual rear wheel only	
	Inside width, between wheelhousing	Ground clearance, front	Ground clearance, rear	
	50.00 (1270)	9.10 (231)	12.10 (307)	50.00 (1270)
				9.10 (231)
				12.10 (307)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

All dimensions in inches (mm) unless otherwise stated.

Specifications	CC33943 2WD Extended Cab Long Box with Dual rear wheel only		CC33943 2WD Crew Cab Long Box with Dual rear wheel only	
	Wheelbase	Overall length	Overall height	Head room, front
A	157.50 (4000)	246.60 (6264)	77.30 (1963)	41.00 (1041)
B		96.10 (2441)		38.40 (975)
C				65.20 (1655)
D				66.30 (1684)
				61.40 (1560)
				61.50 (1562)
				41.30 (1049)
				33.70 (856)
				55.90 (1420)
				37.00 (940)
				52.20 (1326)
				97.60 (2479)
				19.50 (495)
				64.80 (1646)
				61.90 (1572)
				138.70 (3523)
				35.70 (907)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

All dimensions in inches (mm) unless otherwise stated.

Specifications	C3500			C3500			C3500		
	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel
A Wheelbase	133.00 (3378)	137.50 (3490)	167.00 (4242)	133.00 (3378)	137.50 (3490)	167.00 (4242)	133.00 (3378)	137.50 (3490)	167.00 (4242)
B Overall length	222.10 (5641)	246.60 (6264)	256.20 (6507)	222.10 (5641)	246.60 (6264)	256.20 (6507)	222.10 (5641)	246.60 (6264)	256.20 (6507)
C Body width	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)	96.10 (2441)
D Overall height	76.70 (1948)	76.70 (1948)	77.30 (1963)	76.70 (1948)	76.70 (1948)	77.30 (1963)	76.70 (1948)	76.70 (1948)	77.30 (1963)
Head room, front	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)	41.00 (1041)
Head room, rear	—	38.40 (975)	39.00 (991)	—	38.40 (975)	39.00 (991)	—	38.40 (975)	39.00 (991)
Shoulder room, front	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)	65.20 (1656)
Shoulder room, rear	—	66.30 (1684)	65.10 (1654)	—	66.30 (1684)	65.10 (1654)	—	66.30 (1684)	65.10 (1654)
Hip room, front	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)	61.40 (1560)
Hip room, rear	—	61.50 (1562)	62.90 (1598)	—	61.50 (1562)	62.90 (1598)	—	61.50 (1562)	62.90 (1598)
Leg room, front	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)
Leg room, rear	—	33.70 (856)	39.10 (993)	—	33.70 (856)	39.10 (993)	—	33.70 (856)	39.10 (993)
Cab to axle	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)	55.90 (1420)
Front bumper to axle	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)
Rear bumper to axle	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)	52.20 (1326)
Inside length, at floor	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)	97.60 (2479)
Inside height	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)	19.50 (495)

All dimensions in inches (mm) unless otherwise stated.

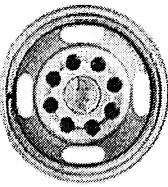
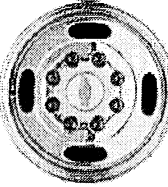
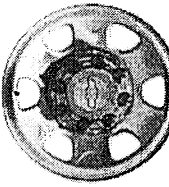

Specifications	C3500			C3500			C3500		
	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Regular Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Extended Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel	4WD Crew Cab Long Box with Single or Dual rear wheel
Inside width, at floor	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)	64.80 (1646)
Inside width, top	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)	61.90 (1572)
Front bumper to back of cab	114.10 (2899)	138.70 (3523)	148.10 (3762)	114.10 (2899)	138.70 (3523)	148.10 (3762)	114.10 (2899)	138.70 (3523)	148.10 (3762)
Ground to top of rear load floor	35.80 (909)	35.10 (892)	34.40 (874)	35.80 (909)	35.10 (892)	34.40 (874)	35.80 (909)	35.10 (892)	34.40 (874)
Inside width, between wheelhousing	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)	50.00 (1270)
Ground clearance, front	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)	10.60 (269)
Ground clearance, rear	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)	13.60 (345)

Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.



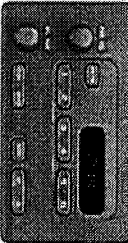
	CK35003 4WD Regular Cab Long Box with Single or Dual Rear Wheel	CC35053 2WD Extended Cab Long Box with Dual Rear Wheel Only	CK35053 4WD Extended Cab Long Box with Single or Dual Rear Wheel	CC35043 2WD Crew Cab Long Box with Dual Rear Wheel Only	CK35043 4WD Crew Cab Long Box with Single or Dual Rear Wheel
Specifications					
Front shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Front stabilizer bar diameter, in. (mm)	1.18 (30)	1.25 (32)	1.25 (32)	1.25 (32)	1.25 (32)
Rear shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Tuning diameter, curb-to-curb (with Single Rear Wheels), ft. (m)	TBD	—	TBD	—	TBD
Tuning diameter, curb-to-curb (with Dual Rear Wheels), ft. (m)	43.7 (13.3)	50.7 (15.5)	50.8 (15.5)	53.5 (16.3)	55.7 (17.0)
Capacities					
Front axle, lbs. (kg)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)
Front spring capacity (with Single Rear Wheels), lbs. (kg)	4800 (2177)	—	4800 (2177)	—	4800 (2177)
Front spring capacity (with Dual Rear Wheels), lbs. (kg)	4500 (2041)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)
Rear axle, lbs. (kg)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)
Rear spring capacity (with Single Rear Wheels), lbs. (kg)	6500 (2948)	—	6500 (2948)	—	6500 (2948)
Rear spring capacity (with Dual Rear Wheels), lbs. (kg)	8600 (3901)	8600 (3901)	8600 (3901)	8600 (3901)	8600 (3901)
Curb weight (with Single Rear Wheels), lbs. (kg)	5687 (2580)	—	6197 (2811)	—	6322 (2866)
Curb weight (with Dual Rear Wheels), lbs. (kg)	5889 (2671)	6053 (2746)	6351 (2881)	6231 (2826)	6552 (2972)
Cargo volume, cargo box, cu. ft. (liters)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)	73.9 (2092.8)
Payload (with Single Rear Wheels), lbs. (kg)	4213 (1911)	—	3703 (1680)	—	3578 (1623)
Payload (with Dual Rear Wheels), lbs. (kg)	5511 (2500)	5347 (2425)	5049 (2290)	5169 (2345)	4848 (2199)
Gross Vehicle Weight Rating (GVWR) (with Single Rear Wheels), lbs. (kg)	9900 (4491)	—	9900 (4491)	—	9900 (4491)
Gross Vehicle Weight Rating (GVWR) (with Dual Rear Wheels), lbs. (kg)	11400 (5171)	11400 (5171)	11400 (5171)	11400 (5171)	11400 (5171)
Front Gross Axle Weight Rating (GAWR) (with Single Rear Wheels), lbs. (kg)	4800 (2177)	—	4800 (2177)	—	4800 (2177)
Front Gross Axle Weight Rating (GAWR) (with Dual Rear Wheels), lbs. (kg)	4500 (2041)	4670 (2118)	4800 (2177)	4670 (2118)	4800 (2177)
Rear Gross Axle Weight Rating (GAWR) (with Single Rear Wheels), lbs. (kg)	6500 (2948)	—	6500 (2948)	—	6500 (2948)

Rear Gross Axle Weight Rating (GAWR) (with Dual Rear Wheels), lbs. (kg)	8550 (3878)	8550 (3878)	8550 (3878)	8550 (3878)	8550 (3878)
Fuel capacity, approximate, gallon (liters)	34 (129)	34 (129)	34 (129)	34 (129)	34 (129)
Seating capacity (front/rear)	3	3/3	3/3	3/3	3/3

2006 Chevrolet Truck Silverado 3500 WHEELS

	Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted (dual rear), includes painted center caps and steel spare
	P06 Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare
	OC1 Wheels, 4 - 16" x 7.0" (40.6 cm x 17.8 cm) 8-lug steel (single rear wheel)
	NZ7 Wheels, 4 - 16" x 7" (40.6 cm x 17.8 cm) 8-lug chrome-clad steel

2006 Chevrolet Truck Silverado 3500 RADIOS

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)
	UM7 Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock

2006 Chevrolet Truck Silverado 3500 RPO CODES

Option Code	Description
**2	Seat trim, leather
**C	Seat trim, cloth
**D	Seat trim, Custom Cloth
**V	Seat trim, vinyl
5B5	Power windows and mirrors (MSRP = \$738.00) with Regular Cab and Extended Cab Models (MSRP = \$815.00) with Crew Cab Models
5G4	Provision for cab roof-mounted lamp (MSRP = \$103.00)
5M1	Mirrors, outside rearview, manual folding, power, non-heated, Black (MSRP = No Charge)
5Q1	Tail Lamp delete (MSRP = -\$27.00 Credit)
5V1	Carrier with spare wheel - no tire (MSRP = \$82.00)
5X7	Provision for body mounted warning lamp (MSRP = \$98.00) Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp, 40 amp nominal rating.
5Y0	Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00) Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp, 21 amp nominal rating.
5Z4	Spare wheel and tire delete (MSRP = -\$110.00 Credit)
5Z5	Hubcap delete (MSRP = -\$15.00 Credit) with RPO (C4M) GVWR, 9900 lbs. (4490 kg) and (MSRP = -\$18.00 Credit) with RPO (C7W) GVWR, 11,400 lbs (5171 kg) Deletes decorative cap at center of wheel.
6C7	Console, roof with reading lamps (MSRP = \$55.00)
6P3	Camper Mirrors, remote control, power extendable, non-heated (MSRP = W/A)
6R2	Mirrors, outside rearview, sail panel mounted wide field of vision, manual adjust, black (MSRP = \$250.00)
7Y9	Battery, Single 770 CCA (MSRP = \$56.00)
7Z1	Horn, high note (MSRP = \$20.00)
8B0	Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00)
8C6	Alternator, 145 amp (MSRP = \$140.00)
8E9	Bumper, front, painted White (MSRP = \$45.00)
8F2	Ornamentation, delete (MSRP = No Charge) Upfitter option.
8G9	Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00)
8Q3	Rear seat delete (MSRP = -\$375.00 Credit)
8S3	Backup alarm (MSRP = \$103.00) 97 decibels back-up alarm.
8V2	Jack and tools delete (MSRP = -\$32.00 Credit)
8X1	Label, fasten safety belts (MSRP = \$2.00)
8X5	Alternators, dual 105 amp (MSRP = \$224.00)
9F2	Mirror, outside delete (MSRP = -\$25.00 Credit)
9F7	Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00) Provides large West Coast style mirrors with spring loaded pre-set feature.
9G1	Mirrors, camper type with convex passenger side mirror head (MSRP = \$109.00)
9L3	Spare tire delete (MSRP = -\$45.00 Credit)
9L4	Power supply, 12 volt (MSRP = \$168.00)
9M4	Decal delete, tailgate (MSRP = No Charge)
9N8	Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor
9R1	Decal delete, Pickup bed (MSRP = No Charge)
9R3	Sound system, delete (MSRP = No Charge)
9S1	Seats, vinyl bucket (MSRP = No Charge) with Work Truck and (MSRP = \$282.00) with LS

2006 Chevrolet Truck Silverado 3500 RPO CODES

Option Code	Description
9U3	Decor Seats, individual cloth (MSRP = No Charge) on Regular or Extended Cabs with Work Truck Decor, (MSRP = \$282.00 Credit) on Regular and Extended Cabs with LS Decor, (MSRP = \$282.00) on Crew Cabs with Work Truck Decor (MSRP = No Charge) on Crew Cabs with LS Decor
9U4	Remote keyless entry (MSRP = \$170.00)
9V5	Paints, solid (MSRP = No Charge), Woodland Green
9V9	Paints, solid (MSRP = No Charge), Doeskin Tan
9W3	Paints, solid (MSRP = No Charge), Wheatland Yellow
9W4	Paints, solid (MSRP = No Charge), Tangier Orange
A28	Window, rear sliding
A31	Windows, power
A95	Seats, front reclining buckets
AE7	Seats, front 40/20/40 split-bench
AE7	Seats, front 40/20/40 split-bench, 3-passenger
AG1	Seat adjuster, power, driver 6-way
AG2	Seat adjuster, power
AJ1	Glass, Solar-Ray deep tinted
AN3	Seats, front power reclining full-feature buckets
AU0	Keyless entry, remote
AU3	Door locks, power
B30	Floor covering, color-keyed carpeting
B71	Wheel flares
BG9	Floor covering, rubberized vinyl, Black
BVE	Regular production accessory, Assist steps, chrome plated tubular, stainless steel.
BVS	Regular production accessory, Assist steps, Black coated tubular, stainless steel.
C42	Air conditioning delete
C49	Defogger, rear-window, electric
C4M	GVWR, 9900 lbs. (4490 kg)
C7W	GVWR, 11,400 lbs. (5171 kg)
CF5	Sunroof, power
CJ2	Air conditioning, dual-zone, automatic
CJ3	Air conditioning, dual-zone, manual
D07	Console, floor
D44	Mirrors, outside rearview, foldaway, manual, Black
DE2	Mirrors, outside rearview, foldaway, manual, Black
DF2	Mirrors, outside rearview, foldaway, manual, camper-style
DF5	Mirror, inside rearview, electrochromic
DK7	Console, overhead mini
DK8	Console, overhead deluxe
DL3	Mirrors, outside rearview, power folding, power, heated, Black
DL8	Mirrors, outside rearview, manual folding, power, heated, Black
DNH	Regular production accessory, underseat storage
DPN	Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending
E63	Pickup bed, Fleetside
E95	Regular production accessory, Tonneau cover, Black, soft.
EN6	Regular production accessory, Tonneau cover, Black, hard, folding, lockable.
FE9	Emissions, Federal requirements

2006 Chevrolet Truck Silverado 3500 RPO CODES

Option Code	Description
G50	Differential, locking, heavy-duty, rear
G14	Rear axle, 3.73 ratio
G15	Rear axle, 4.10 ratio
K05	Engine block heater
K34	Cruise control
K47	Air cleaner, high-capacity
K68	Alternator, 105 amps
K64	Cooling, external engine oil cooler
K63	Alternator, 145 amps
KLS	Alternative fuel conversions, conversion-ready engine
KNP	Cooling, external transmission oil cooler
L18	Engine, Vortec 8100 V8 SFI
LLY	Engine, Duramax 6600 Turbo Diesel V8
LQ4	Engine, Vortec 6000 V8 SFI
WL6	Transmission, 6-speed manual, heavy-duty
MT1	Transmission, 4-speed automatic, heavy-duty
MM3	Transmission, 5-speed manual
MM7	Transmission, Allison 1000 6-speed automatic
NB8	Emissions override
NC7	Emissions override, Federal
NE1	Emissions, Maine, Massachusetts, New York or Vermont state requirements
NP1	Transfer case, electronic shift
NP2	Transfer case, floor-mounted shifter
NP5	Steering wheel, leather-wrapped rim
NZ7	Wheels, 4 - 16" x 7" (40.6 cm x 17.8 cm) 8-lug chrome-clad steel
NZZ	Skid Plate Package
P06	Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel
P0B	OnStar Plus Package
P0N	Heavy-Duty Power Package, includes (LLY) Engine
PRB	Regular production accessory, Pickup bed extender, brushed aluminum.
PUB	Regular production accessory, Pickup bed protectors, Top side rails, Black molded
QC1	Wheels, 4 - 16" x 7.0" (40.6 cm x 17.8 cm) 8-lug steel (single rear wheel)
QER	Tires, LT265/75R16E, on-/off-road, blackwall
RAQ	OnStar Plus Package discount not desired
SAE	Spare tire lock
T96	Fog lamps, front
TGK	Solid Paint/SEO solid paint, one color
TP2	Battery, auxiliary heavy-duty, 600 cold-cranking amps
TO3	Battery, heavy-duty dual, 770 cold-cranking amps
TR3	Grille, color-keyed surround
U01	Lamps, amber roof marker
U2K	Sound system feature, XM Satellite Radio
U42	Entertainment system, rear seat
UB0	Sound system, ETR AM/FM stereo with CD player
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer
UE1	OnStar
UE1	Universal Home Remote
UK3	Sound system feature, steering wheel mounted radio controls
UK6	Sound system feature, rear audio controls

2006 Chevrolet Truck Silverado 3500 RPO CODES

Option Code	Description
UM7	Sound system, ETR AM/FM stereo
UQ3	Sound system feature, audio speakers
UQ5	Sound system feature, 4-speakers
UQ7	Sound system feature, Bose Premium speaker system
UY2	Trailering wiring provisions, for camper, 5th wheel and gooseneck trailer
V10	Covers, radiator grille and front bumper openings
V43	Bumper, rear, painted step
V76	Recovery hooks, front, frame-mounted
VAB	Ship Thru for Models C35953 and CK35903 (MSRP = \$100.00)Produced in Pontiac
VAY	Assembly and shipped to NBC Truck Equipment
VAY	Ship Thru for Models C35953 and CK35903 (MSRP = \$100.00)Produced in Pontiac
VB3	Assembly and shipped to K&B Mounting
VBK	Bumper, rear, chrome step
VCB	Ship Thru for Models C35F73 (MSRP = \$210.00)Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment
VCB	Ship Thru for Models C35943 (MSRP = \$120.00)Produced in Flint Assembly and shipped to Monroe Truck Equipment
VCL	Monroe Truck Equipment
VCL	Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle).
VF7	Bumper, rear, delete
VFV	Ship Thru for Models C35943 (MSRP = \$255.00)Produced in Flint Assembly and shipped to NBC Truck Equipment
VG3	Bumper, front, chrome
VG3	Ship Thru for Models C35953 and CK35903 (MSRP = \$105.00)Produced in Pontiac
VGH	Assembly and shipped to Monroe Truck Equipment
VGZ	Ship Thru for Models C35953 and CK35903 (MSRP = \$105.00)Produced in Pontiac
VGZ	Assembly and shipped to Centfield
VQA	Ship Thru for Models C35943 (MSRP = \$270.00)Produced in Flint Assembly and shipped to Monroe Truck Equipment
VUD	Ship Thru for Models C35943 (MSRP = \$90.00)Produced in Flint Assembly and shipped to Knaphide Truck Equipment
VUI	Ship Thru for Models C35943 (MSRP = \$230.00)Produced in Flint Assembly and shipped to Ft. Wayne Fleet Equipment
VUM	Ship Thru for Models C35943 (MSRP = \$305.00)Produced in Flint Assembly and shipped to Buckeye Truck Equipment
VWS	Ship Thru for Models C35953 and CK35903 (MSRP = \$275.00)Produced in Pontiac
VYC	Assembly and shipped to Buckeye Truck Equipment
VYC	Ship Thru for Models C35953 and CK35903 (MSRP = \$115.00)Produced in Pontiac
VYS	Assembly and shipped to Knaphide Truck Equipment
VYS	Ship Thru for Models C35953 and CK35903 (MSRP = \$100.00)Produced in Pontiac
VYU	Assembly and shipped to Masterack Truck Equipment
VYU	Snow Plow Prep Package
XEC	Tires, LT1715/85R16E, all-season, blackwall
XEF	Tires, LT1715/85R16E, on-/off-road, blackwall
XYK	Tires, LT1715/85R16D, all-season, blackwall
YF5	Emissions, California state requirements
Z82	Trailering equipment, heavy-duty
Z85	Suspension Package, Handling/Trailering
ZEC	Tire, spare LT1715/85R16E, all-season, blackwall
ZEF	Tire, spare LT1715/85R16E, on-/off-road, blackwall
ZER	Tire, spare LT265/75R16E, on-/off-road, blackwall

Option Code	Description
ZW9	Pickup bed, delete
ZY1	Paint, solid
ZYK	Tire, spare LT215/65R16D, all-season, blackwall

2006 Chevrolet Truck Silverado 3500 TRAILERING SPECS - Automatic or Manual Transmission Ratings with Ball Hitch for Heavy Duty Models

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Model	Automatic or Manual Transmission Ratings with Ball Hitch for Heavy Duty Models					
	(LQ4) Vortec 6000 V8 SFI	(L18) Vortec 8100 V8 SFI	(LLY) Duramax 6600 Turbo Diesel V8	(LLY) Duramax 6600 Turbo Diesel V8	(LLY) Duramax 6600 Turbo Diesel V8	(LLY) Duramax 6600 Turbo Diesel V8
CC35953	4.10	4.10	3.73	3.73	3.73	3.73
CC35943	4.10	4.10	3.73	3.73	3.73	3.73
CK35903	4.10	4.10	3.73	3.73	3.73	3.73
CK35903 w/(C4M)	4.10	4.10	3.73	3.73	3.73	3.73
CK35903 w/(C7W)	4.10	4.10	3.73	3.73	3.73	3.73
CK35953	4.10	4.10	3.73	3.73	3.73	3.73
CK35953 w/(C4M)	4.10	4.10	3.73	3.73	3.73	3.73
CK35953 w/(C7W)	4.10	4.10	3.73	3.73	3.73	3.73
CK35943	4.10	4.10	3.73	3.73	3.73	3.73
CK35943 w/(C4M)	4.10	4.10	3.73	3.73	3.73	3.73
CK35943 w/(C7W)	4.10	4.10	3.73	3.73	3.73	3.73

GCWR For Engine/Rear Axle Ratio Combination with Manual Transmission			
Engine	(LQ4) Vortec 6000 V8 SFI	(L18) Vortec 8100 V8 SFI	(LLY) Duramax 6600 Turbo Diesel V8
(LQ4) Vortec 6000 V8 SFI	16000 (7258)	22000 (9979)	23500 (10680)
(L18) Vortec 8100 V8 SFI	4.10	4.10	3.73
(LLY) Duramax 6600 Turbo Diesel V8		3.73	
1. Requires (C4M) GVWR 9900 lbs. 2. Requires (C7W) GVWR 11,400 lbs.			

2006 Chevrolet Truck Silverado 3500 **TRAILERING SPECS - Transmission Ratings**
(Automatic or Manual) with 5th Wheel

Maximum trailer ratings are calculated assuming standard equipped vehicle, driver and required trailering equipment. The weight of optional equipment, passengers and cargo will reduce the maximum trailer weight your vehicle can tow. 10 to 15% of the trailer weight is the recommended trailer tongue load.

Model	Transmission Ratings (Automatic or Manual) with 5th Wheel							
	(LQ4) Vortec 6000 V8 SFI Axle Ratio	(L18) Vortec 8100 V8 SFI Maximum Trailer Weight lbs. (kg)	(L18) Vortec 8100 V8 SFI Axle Ratio	(LLY) Duramax 6600 Turbo Diesel V8 Maximum Trailer Weight lbs. (kg)	(LLY) Duramax 6600 Turbo Diesel V8 Axle Ratio	(LLY) Duramax 6600 Turbo Diesel V8 Maximum Trailer Weight lbs. (kg)	(LLY) Duramax 6600 Turbo Diesel V8 Axle Ratio	(LLY) Duramax 6600 Turbo Diesel V8 Maximum Trailer Weight lbs. (kg)
CC35953	4.10	9700 (4400)	4.10	15300 (6940)			3.73	16600 (7530)
CC35943	4.10	9500 (4309)	4.10	15100 (6849)			3.73	16400 (7439)
CK35903	4.10	10000 (4536)	4.10	15600 (7076)	3.73	15400 (6985)		
CK35903	4.10	9800 (4445)	4.10	15400 (6985)			3.73	16700 (7575)
CK35953	4.10	9600 (4355)	4.10	15200 (6895)	3.73	15000 (6804)		
CK35953	4.10	9400 (4284)	4.10	15000 (6804)			3.73	16300 (7394)
CK35943	4.10	9400 (4264)	4.10	15000 (6804)	3.73	14700 (6666)		
CK35943	4.10	9200 (4173)	4.10	14800 (6713)			3.73	16000 (7256)

GVWR For Engine/Rear Axle Ratio Combination with Automatic Transmission			
Engine	15000 (7256)	(GVWR) Gross Combination Weight Ratings lbs. (kg)	23500 (10660)
(LQ4) Vortec 6000 V8 SFI	4.10		
(L18) Vortec 8100 V8 SFI		4.10	
(LLY) Duramax 6600 Turbo Diesel V8		3.73 ²	
(LLY) Duramax 6600 Turbo Diesel V8			3.73 ¹

1 - Requires (C7W) GVWR, 11,400 lbs.
2 - Requires (C4M) GVWR, 9900 lbs.

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT
CC

<p>S = Standard Equipment A = Available (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.</p>									
Codes listed in the shaded column titled Ref. Only RPO Code are for Internal use only and should not be ordered.									
Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1WT ¹	Reg. and Ext. Cab LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	Ext. Cab LT ¹ LT ¹
		1 - Equipment group 1WT, LT, and LT ¹ available on C3500, C3500S and C3500S Models. 2 - Equipment group 2LT available on C3500S Models.							
		Air bags, frontal, driver and right front passenger, includes passenger side deactivation switch 1 - Always use safety belts and proper child restraints, even if child is not seated in a rear seat. See the Owner's Manual for more safety information.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger Package is standard.	S	S	S	S	S	S	A ¹
		Assist handle, front passenger 1 - Also includes rear outboard passenger assist handle on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S	S	S	S
		Coat hook, driver side 1 - Also includes passenger side coat hook on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Cupholders, front 1 - Also includes rear cupholders on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹
		Driver Information Center, monitors numerous systems depending on vehicle equipment	S	S	S	S	S	S	S
		Floor covering, rubberized vinyl, Black 1 - Not available with (92Z) Medium Gray Leather Interior Trim.	S	S	S	S	A ¹	-	-
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S	S	S	S
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S	S	S	S
		Mirror, inside rearview, manual day/night	S	S	S	S	-	-	-
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S	S	S	S	S	S	S
		Seat trim, vinyl	S	A	A	A	-	-	-
		Seat trim, Custom Cloth	A	S	S	S	S	S	S
		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints 1 - Not available with (YF2) Ambulance Package.	S	A ¹	A ¹	-	-	-	-

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT
CC

<p>1 - Equipment group 1WT, LT, and LT¹ available on C3500, C3500S and C3500S Models. 2 - Equipment group 2LT available on C3500S Models.</p>									
Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1WT ¹	Reg. and Ext. Cab LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	LT ¹ LT ¹	Ext. Cab LT ¹ LT ¹
		Seat, rear bench, folding, 3-passenger (includes child seat top tether anchor) 1 - Standard with Extended Cab Models only.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S
		Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock	S	-	-	-	-	-	-
		Sound system feature, 4-speakers	S	S	S	S	S	S	S
		Steering column, Tilt-Wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	S	S	S	S	S
		Theft-deterrent system, PASSLOCK II	S	S	S	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S	S	S	S
		Visors, padded, Shale-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S	S	S	S
		Windows, rear quarter swing-out 1 - Standard with Extended Cab Models only.	S ¹	S ¹	S ¹	S ¹	S ¹	S ¹	S
		Altr dam, Gray	S	S	S	S	S	S	S
		Body, Chassis Cab	S	S	S	S	S	S	S
		Bumper, front, chrome, with Gray lower	S	S	S	S	S	S	S
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S	S	S	S
		Glass, Solar-Ray light tinted, all windows	S	S	S	S	S	S	-
		Grille, color-keyed surround, with chrome accent bar	S	S	S	S	S	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S	S	S	S
		Lamps, amber roof marker	S	S	S	S	S	S	S
		Lamp, center high-mounted stop/brake (CHMSL) delete and cargo area, delete 1 - Standard with 4WD Models only. 2 - Standard with 4WD Models only, - Included and only available with (YF2) Ambulance Package.	S ¹	A ²	A ²	A ²	A ²	A ²	S ¹
		Mirrors, outside rearview, foldaway, manual, Black, adjustable	S	S	S	S	-	-	-
		Paint, solid	S	S	S	S	S	S	S
		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel painted (dual rear), includes painted center caps and steel spare	S	-	-	-	-	-	-

2006 Chevrolet Truck Silverado 3500 STANDARD EQUIPMENT

Free Flow RPO Code	Std. Only RPO Code	Description	Work Truck	LT	LTZ	LTZ	LTZ
			WT	LS	LT	LT	LT
B71		Wheel flares, front only	S	S	S	S	S
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S	S
K68		Alternator, 105 amps 1 - Not available with (VU) Snow Plow Prep Package. (VU) Snow Plow Prep Package or (VU) Ambulance Package.	S	S	S	S	S
		Battery, heavy-duty, 600 cold-cranking amps, includes run-down protection and retained accessory power	S	S	S	S	S
		1 - Not standard with (LTY) Engine, Duramax 6600 Turbo Diesel V8.					
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	S	S
KC4		Cooling, external engine oil cooler, heavy-duty air-coil, integral to driver side of radiator tank	S	S	S	S	S
LC4		Engine, Vortec 6000 V8 SFI (300 HP [223.8 kW] @ 4400 rpm, 360 lb.-ft. [486.6 N.m] @ 4000 rpm) 1 - Not available with (VU) Ambulance Package.	S	S	S	S	S
		Exhaust, aluminumized stainless-steel muffler and tailpipe	S	S	S	S	S
		Frame, ladder-type, hydroformed	S	S	S	S	S
C7W		GVWR, 11,400 lbs. (5171 kg) 1 - Standard with 2WD Models only.	S	S	S	S	S
C7L		GVWR, 12,000 lbs. (5443 kg) 1 - Standard with 4WD Models only.	S	S	S	S	S
GT5		Rear axle, 4.10 ratio 1 - Refer to Engine/Axle chart for availability. 2 - Refer to Engine/Axle chart for availability. - Not available with (VU) Ambulance Package.	S	S	S	S	S
		Steering, power	S	S	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S	S	S
		Suspension, rear, 3-stage springs	S	S	S	S	S
Z66		Suspension Package, Handling/Trailing, heavy-duty, includes 36mm piston monole shock absorbers	S	S	S	S	S
NP2		Transfer case, floor-mounted shifter 1 - Standard with 4WD Models. - Requires (AE7) Seats, front 40/20 split-bench.	S	S	S	S	S
MM3		Transmission, 5-speed manual with overdrive 1 - Requires (LC4) Engine, Vortec 6000 V8 SFI.	S	S	S	S	S
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KUP) Cooling, external transmission oil cooler 1 - Requires (LC4) Engine, Vortec 6000 V8 SFI.	A	A	A	A	A

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No deletions allowed to Equipment Groups. Additional options may be added, check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Free Flow RPO Code	Std. Only RPO Code	Description	Work Truck	LT	LTZ	LTZ	LTZ
			WT	LS	LT	LT	LT
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Extended Cab Models. - Not available with (VU) Snow Plow Prep Package. 2 - Must be substituted with (CJ3) Air conditioning, manual when (VU) Snow Plow Prep Package is ordered.	-	-	A	A	□
D07		Console, floor, includes storage compartment and dual cupholders	-	-	-	-	■
DK7		Console, overhead mtl, includes map lights	-	-	■	■	■
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	■
C49		Defogger, rear-window, electric 1 - Not available with (C42) Air conditioning delete. - Available with Fleet and Government order types only.	A	■	■	■	■
AU3		Door locks, power 1 - Available with Fleet and Government sales order types only.	A	A	■	■	■
B30		Floor covering, color-keyed carpeting 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B59) Floor covering, rubberized mtl.	A	A	□	■	■
AU0		Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	-	-	■	■	■
OF5		Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	■	■	■
AE7		Seats, front 40/20 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1 - Requires (VU) Seat trim, Custom Cloth. 2 - Not available with (VU) Ambulance Package.	A	■	■	■	-

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

Free Flow RPO Code	Ref. RPO Code	Description	West Truck Ver.	Reg. and Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C3500, C3500S and C3500S Models. 2 - Equipment group 2LT available on C3500S Models.		LS 1LS	LT 1LT
A95		Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets 1 - Required and only available with (YF2) Ambulance Package.	-	-	A ¹
AG1		Seat adjuster, power, driver 6-way Includes (YF2) Seat trim, leather seating surfaces on Extended Cab and (YF2) 1500S Models. Reclining buckets when (YF2) Ambulance Package is ordered.	-	-	A ¹
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS) Upgradable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■ D ¹
	UC3	Sound system feature, audio speakers	-	-	-
	UC7	Sound system feature, Bose Premium speaker system	-	-	■
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	■
	A31	Windows, power, includes driver and passenger express-down	-	-	■
T96		Fog lamps, front, halogen Recovery hooks, front frame-mounted. Not available with 4WD Models or (YF2) Ambulance Package. 2 - Requires 2WD Models.	-	-	A ¹ ■ ²
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	A	A	■
DL8		Mirrors, outside rearview, manual folding, power, heated, Black 1 - Upgradable to (DPN) Mirrors, vertical camper, outside rearview.	-	-	D ¹
V76		Recovery hooks, front, frame-mounted 1 - Standard with 4WD Models only.	A ¹	A ¹	■ ¹
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare	-	■	■
NP1		Transfer case, electronic shift, includes push-button controls 1 - Requires 4WD Models. - Requires (MT1) Transmission, heavy-duty 4-speed automatic or (MW7) Transmission, Allison 1000 6-speed automatic. 2 - Requires 4WD Models.	-	-	A ¹ ■ ²

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

Free Flow RPO Code	Ref. RPO Code	Description	West Truck Ver.	Reg. and Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C3500, C3500S and C3500S Models. 2 - Equipment group 2LT available on C3500S Models.		LS 1LS	LT 1LT
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Extended Cab Models. - Not available with (YF2) Snow Prep Package. 2 - Not available with (YF2) Air conditioning, dual-zone, manual when (YF2) Snow Prep Package is ordered.	-	-	A ¹ D ²
	D07	Console, floor, includes storage compartment and dual cupholders	-	-	-
	DK7	Console, overhead mini, includes map lights	-	-	■
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■
C49		Defogger, rear-window, electric 1 - Available with (C42) Air conditioning delete. 2 - Not available with (YF2) and Government order types only.	A ¹	■	■
AU3		Door locks, power 1 - Available with Fleet and Government sales order types only.	A ¹	A	■
B30		Floor covering, color-keyed carpeting 1 - Available with Fleet and Government order types only. 2 - May be substituted with (BGS) Floor covering, rubberized vinyl.	A ¹	A	D ² ■
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	-	-	■
	DF5	Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	-	-	■
	AE7	Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1 - Requires (YD) Seat trim, Custom Cloth. 2 - Not available with (YF2) Ambulance Package.	A ¹	■ ¹	■ ² --

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

Flow RPO Code	Ref. Only RPO Code	Description	Pkg. and Ext. Cab			
			Work Truck 1WT ¹	LS 1LS ¹	LT ¹ 1LT ¹	Ext. Cab LTZ ¹ XL ¹
A95		1 - Equipment group 1WT, 1LS, and 1LT available on C3500, C3600 and C3655 Models. 2 - Equipment group XL available on C3655 Models. Seats, front reclining buckets, dual adjustable hand rests, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets. 1 - Required and only available with (V72) Ambulance Package.	-	-	A ¹	■
AG1		Seat adjuster, power, driver 6-way. 1 - Included with (V72) Seat trim, leather seating surfaces on reclining buckets and leather-trimmed seat backs. Reclining buckets when (V72) Ambulance Package is ordered.	-	-	A ¹	■
UB0		Sound system, ETR AM/FM stereo with CD player. Includes seek-and-scan, digital clock, auto-tune control, speed-compensated volume and Radio Data System (RDS). 1 - Upgradable to (UC6) Sound system, ETR AM/FM stereo with in-disc CD changer.	A	■	■	□ ¹
UC3		Sound system feature, audio speakers	-	-	■	-
UC7		Sound system feature, Bose Premium speaker system	-	-	-	■
NP5		Steering wheel, leather-wrapped rim, Black. Includes theft-deterrent locking feature	-	-	■	■
A31		Windows, power, includes driver and passenger express-down	-	-	■	■
T66		Fog lamps, front, halogen 1 - Requires (V76) Recovery hooks, front frame-mounted, Package 2 - Requires 2WD Models.	-	-	A ¹	■ ²
AJ1		Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	A	A	■	■
DL8		Mirrors, outside rearview, manual folding, power, heated, Black. 1 - Upgradable to (DPN) Mirrors, vertical camper, outside rearview.	-	-	□ ¹	□ ¹
V76		Recovery hooks, front, frame-mounted 1 - Standard with 4WD Models only.	A ¹	A ¹	A ¹	■ ¹
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare	-	■	■	■
NP1		Transfer case, electronic shift. Includes push-button controls. 1 - Requires 4WD Models. 2 - Requires 4WD Models or (MNV) Transmission, Allison 1000 6-speed automatic. 2 - Requires 4WD Models.	-	-	A ¹	■ ²

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

ADDITIONAL OPTIONS						
Flow RPO Code	Ref. Only RPO Code	Description	Pkg. and Ext. Cab			
			Work Truck 1WT ¹	LS 1LS ¹	LT ¹ 1LT ¹	Ext. Cab LTZ ¹ XL ¹
CJ3		1 - Equipment group 1WT, 1LS, and 1LT available on C3600, C3640 and C3655 Models. 2 - Equipment group XL available on C3655 Models. Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger. 1 - Required and only available with (V7U) Snow Plow Prep Package is ordered.	S	S	S	A ¹
C42		Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger. 1 - Requires Extended Cab Models. - Not available with (V7U) Snow Plow Prep Package. 2 - Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (V7U) Snow Plow Prep Package is ordered.	-	-	A ¹	□ ²
K34		Cruise control, electronic with set and resume speed. Includes telltale in instrument panel cluster	A	■	■	■
C49		Defogger, rear window, electric 1 - Available with (CJ3) Air conditioning delete. - Available with Fleet and Government order types only.	A ¹	■	■	■
AU3		Door locks, power 1 - Available with Fleet and Government sales order types only.	A ¹	A	■	■
BG9		Floor covering, rubberized vinyl, Black 1 - Not available with (922) Medium Gray Leather Interior Trim.	S	S	A ¹	-
B30		Floor covering, color-keyed carpeting 1 - Available with Fleet and Government order types only. 2 - (922) Not substituted with (B59) Floor covering, rubberized vinyl.	A ¹	A	□ ²	■
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, Hands-free Personal Calling service and Virtual Advisor that provides location-based traffic and weather reports and other personalized information. 1 - Requires (UC3) Sound system feature, steering wheel information and details. Not available with a ship-to of Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500	EQUIPMENT GROUPS
CC	

ADDITIONAL OPTIONS						
Free Flow SPQ Code	Rd. Only RPO Code	Description	Work Truck WT*	Reg. and Ext. Cab	Ext. Cab	
		1 - Equipment group IWE, ILS, and LT* available on C-38003, C-34403 and C-36053 Models. 2 - Equipment group ZL* available on C-38553 Models.	LT LT*	LS LS*	LT LT*	
PDB		OnStar Plus Package. Includes (U2K) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires Extended Cab Models. Package does not include (U2K) Sound system feature, XM Satellite Radio When ordered outside the 48 contiguous United States. Not available with a ship to 21 Puerto Rico or the Virgin Islands.	-	-	A ¹	A ¹
R6Q		OnStar Plus Package discount not desired 1 - Requires Extended Cab Models. - Required when content within option package is ordered and entire package is not desired.	-	-	A ¹	A ¹
A95		Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets 1 - Required and only available with (YF2) Ambulance Package.	-	-	A ¹	■
AG1		Seat adjuster, power, driver 6-way Included in (YF2) Seat trim. Leather seating surfaces on Extended Cab Models. (AG3) Seat adjuster, power driver reclining buckets when (YF2) Ambulance Package is ordered.	-	-	A ¹	■
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS) 1 - Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■	□ ¹
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	-	-	-	A
U2K		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1 - Subscription fees apply. Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹
UK3		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC). Provides access to enhanced Driver Information Center (DIC) features and information.	-	-	A	A

2006 Chevrolet Truck Silverado 3500	EQUIPMENT GROUPS
CC	

ADDITIONAL OPTIONS						
Ford Flow RPO Code	Rd Only RPO Code	Description	Reg and Ext. Cdp	L76 L77 L78	L79 L80 L81	Ext. Cab
		<p>1 - Equipment group IWT, L1S, S and L1T available on C36003, C36403 and C36553 Models.</p> <p>2 - Equipment group 2LT available on C36553 Model's.</p>				
YF2		Ambulance Package 1- 2006 Silverado 3500 Chassis Cab (VZ) Ambulance requires front wheel drive chassis cab model, 4000 GVWR, (CTW GVWR: 11,400 lbs.) (GVTR Models: 405464, 405465) and requires (CTL) GVWR, 12,000 lbs. (5443 kg). - Most ambulance bodies require (GTY) Rear axle, wide-track configurations are required. - Not available with (VYU) Snow Prep Package or CK36003 Model. Express line at 1-800-759-5550 for SEO trim availability. Center console is not included with LT1.	-	A¹	A¹	-
T96		Fog lamps, front, halogen Fog lamp, front, fog light 1 - Requires fog hook's, front frame-mounted. Not available with 4WD Models or (VZ) Ambulance Package. 2 - Requires 2WD Models.	-	--	A¹	■²
AJ1		Glass, Solar-Ray deep lined (all windows except light tinted glass on windshield, driver and front passenger)	A	A	■	■
DF2		Mirrors, outside rearview, foldaway, manual, camper-style, manual. Black, high visibility, extendable, includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" [218.4 cm])	A	A	--	--
DG5		Mirrors, outside rearview, right-hand and left-hand, West Coast-type, Black (7" wide x 16" high) (shipped loose for dealer installation)	A	A	--	--
DPN		NEW! Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spoiler glass (convex glass is not heated)	--	--	A	A
V76		Recovery hooks, front, frame-mounted 1 - Standard with 4WD Models only.	A¹	A¹	A¹	■¹
XVK		Tires, LT7215/SB5R16D all-season, blackwall 1 - Requires and standard on CC36003, CC36053, CC36403 or CK36003 Models. - Not available with (VYU) Snow Plow Prep Package on CK36003 Model. - Includes 6 tires.	A¹	A¹	A¹	A¹
XEC		Tires, LT7215/SB5R16E all-season, blackwall 1 - Requires and standard on CC36003 and VYU) Snow Plow Prep Package, CK36053 or CK36403 Models. - Includes 6 tires.	A¹	A¹	A¹	A¹
XEF		Tires, LT7215/SB5R16E, on/off-road, blackwall 1 - Includes 6 tires.	A¹	A¹	A¹	A¹
ZYK		Tire, spare LT215/SB5R16D, all-season, blackwall, located at rear underbody of vehicle 1 - Requires CK36003, CC36053, CC36403 or CK36003 Models and (ZYK) Tires. - Not available with (VYU) Snow Prep Package or CK36003 Model. - Includes 6 tires.	A¹	A¹	A¹	A¹

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

ADDITIONAL OPTIONS						
Free Flow RPO Code	Rat. Only RPO Code	Description	Reg and Evt. Cds			
			Wet Tires 1WT ¹	LS 1LS ¹	LT ¹ LT ¹	Evt. Cds LT ¹ LT ¹
		1 - Equipment group 2A, 1LS and 1LT available on C73503, C73504 and C73505 Models. 2 - Equipment group 2A, 1LT available on C73503 Models.				
ZEC		Tire, spare LT1215/65R16E, all-season, blackwall, located at rear underbody of vehicle 1 - Requires C73503 and C73504 Models and (XED) Tires. C73503 or C73504 Models and (XED) Tires.	A ¹	A ¹	A ¹	A ¹
ZEF		Tire, spare LT1215/65R16E, on/off-road, blackwall, located at rear underbody of vehicle 1 - Requires C73503 and C73504 Models and (XED) Tires.	A ¹	A ¹	A ¹	A ¹
		Air cleaner, high-capacity 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas 1 - Requires (LQ4) Engine, Vortec 6000 V8 SF and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹
K47		Air cleaner, high-capacity 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹
K45		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas 1 - Requires (LQ4) Engine, Vortec 6000 V8 SF and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	A ¹
TF2		Battery, auxiliary heavy-duty, 600 cold-cranking amps, includes run-down protection and retained accessory power 1 - Not available with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹
		Cooling, internal transmission oil cooler, water-to-oil Integral to driver side of radiator tank 1 - Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty or (MT7) Transmission, Allison 1000 6-speed automatic.	A ¹	A ¹	A ¹	A ¹
G80		Differential, locking, heavy-duty, rear	A	A	A	A
F69		Emissions, Federal requirements	A	A	A	A
YF5		Emissions, California state requirements	A	A	A	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle), Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A	A

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

ADDITIONAL OPTIONS						
Free Flow RPO Code	Rat. Only RPO Code	Description	Reg and Evt. Cds			
			Wet Tires 1WT ¹	LS 1LS ¹	LT ¹ LT ¹	Evt. Cds LT ¹ LT ¹
		1 - Equipment group 1WT, 1LS and 1LT available on C73503, C73504 and C73505 Models. 2 - Equipment group 2A, 1LT available on C73503 Models.				
NB6		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1 - Requires (F69) Emissions, Federal requirements.	A ¹	A ¹	A ¹	A ¹
NC7		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions, may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1 - Requires (YF5) Emissions, California state requirements 2 - Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹	A ¹
K05		Engine block heater 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹
L16		Engine, Vortec 6100 V8 SF, 330 HP (245.8 kW) @ 4200 rpm, 450 lb.-ft. (607.5 N-m) @ 3200 rpm 1 - Not available with (YF2) Ambulance Package.	A	A ¹	A ¹	A
LLY		Engine, Duramax 6600 Turbo Diesel V8, (with Manual Transmissions 300 HP (223.8 kW) @ 3000 rpm, 520 lb.-ft. (702.0 N-m) @ 1600 rpm) (with Automatic Transmissions 310 HP (231.2 kW) @ 3000 rpm, 605 lb.-ft. (816.8 N-m) @ 1600 rpm) 1 - Includes (T03) Battery, heavy-duty dual 770 cold-cranking amps, (K05) Engine block heater, and (K47) Air cleaner, high capacity. - Use of (B20) Bio-diesel fuel is approved in conjunction with (LLY) Engine, Duramax 6600 Turbo Diesel. 2 - Includes (T03) Battery, heavy-duty dual 770 cold-cranking amps, (K05) Engine block heater, and (K47) Air cleaner, high capacity. - Use of (B20) Bio-diesel fuel is approved in conjunction with (YF2) Ambulance Package. 3 - Includes (T03) Battery, heavy-duty dual 770 cold-cranking amps, (K05) Engine block heater, and (K47) Air cleaner, high capacity. - Use of (B20) Bio-diesel fuel is approved in conjunction with (YF2) Ambulance Package.	A ¹	A ²	A ²	A ¹
V10		Covers, radiator grille and front bumper openings, for diesel engines in winter weather 1 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 2 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 3 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 4 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 5 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 6 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 7 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 8 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 9 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 10 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 11 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 12 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 13 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 14 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 15 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 16 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 17 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 18 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 19 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 20 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 21 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 22 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 23 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 24 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 25 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 26 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 27 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 28 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 29 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 30 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 31 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 32 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 33 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 34 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 35 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 36 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 37 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 38 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 39 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 40 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 41 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 42 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 43 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 44 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 45 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 46 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 47 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 48 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 49 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 50 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 51 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 52 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 53 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 54 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 55 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 56 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 57 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 58 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 59 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 60 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 61 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 62 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 63 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 64 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 65 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 66 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 67 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 68 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 69 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 70 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 71 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 72 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 73 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 74 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 75 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 76 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 77 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 78 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 79 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 80 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 81 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 82 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 83 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 84 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 85 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 86 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 87 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 88 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 89 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 90 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 91 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 92 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 93 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 94 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 95 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 96 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 97 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 98 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 99 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package. 100 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	A ¹
NOZ		Fuel tank delete, rear (deletes 18 gallons [68.1L] rear fuel tank, leaves 32 gallons [121.1L] front fuel tank) 1 - Not available with (YF2) Ambulance Package.	A	A ¹	A ¹	A

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

ADDITIONAL OPTIONS						
Free Flow RPO Code	Ref. Only RPO Code	Description	Was Truck Inst ¹	Reg. and Ext. Cab	Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-3500, C-3500 and C-3500 Models. 2 - Equipment group 2LT available on C-3500 Models.		1LS 1LT	1LT 1LT	1LT 1LT
PDN		Heavy-Duty Power Package, includes (LLY) Engine, Duramax 6600 Turbo Diesel V8, (MW7) Transmission, Allison 1000 6-speed automatic and (G80) Differential, locking, heavy-duty, rear	A	A	A	A
GT4		Rear axle, 3.73 ratio 1 - Refer to Engine/Axle chart for availability.	A ¹	A ¹	A ¹	A ¹
GTY		Rear axle, wide-track 1 - Increases axle 8" to 74" wide.	A ¹	A ¹	A ¹	A ¹
NZZ		Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1 - Requires 4WD Models. - Included with (VYU) Snow Plow Prep Package. 2 - Requires 4WD Models. - Included with (VYU) Snow Plow Prep Package. - Not available with (YFZ) Ambulance Package.	A ¹	A ²	A ²	A ¹
VYU		Snow Plow Prep Package, includes 10-amp power for backup and roof emergency light, (KG3) 145-amp alternator, high-flow front bumper, forward lamp wiring harness, 1.65" (42 mm) access hole with grommet in front of dash panel, mounting location for snow plow controls, instrument panel jumper wiring harness for electric trailer brake controller, (K47) Air Cleaner, high capacity and (NZZ) Skid Plate Package 1 - Requires 4WD Models. - With CK3603 requires (XEC) 12V/55/55R16E, on/off-road, blackwall. - With CK3603 or CK3603 Models, requires (LQ4) Engine, Vortec 6000 V8 SFI (L18) Engine, Vortec 8100 V8 SFI. - Not available with (C10) 1500, 2500, 3500, automatic or (YFZ) Ambulance Package.	A ¹	A ¹	A ¹	A ¹
NP1		Transfer case, electronic shift, includes push-button controls 1 - Requires 4WD Models. - Requires (MT1) Transmission, heavy-duty 4-speed automatic or (MW7) Transmission, Allison 1000 6-speed automatic. 2 - Requires 4WD Models.	-	-	A ¹	■ ²
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with override, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1 - Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	A ¹	S ¹
ML6		Transmission, 6-speed manual, heavy-duty with override 1 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. 2 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Not available with (YFZ) Ambulance Package.	A ¹	A ²	A ²	-

2006 Chevrolet Truck Silverado 3500 EQUIPMENT GROUPS
CC

ADDITIONAL OPTIONS						
Free Flow RPO Code	Ref. Only RPO Code	Description	Was Truck Inst ¹	Reg. and Ext. Cab	Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-3500, C-3500 and C-3500 Models. 2 - Equipment group 2LT available on C-3500 Models.		1LS 1LT	1LT 1LT	1LT 1LT
MW7		NEW! Transmission, Allison 1000 6-speed automatic, electronically controlled with override and electronic engine grade braking, includes tow/haul mode selector and (KNP) Cooling, external transmission oil cooler 1 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. 2 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Required with (YFZ) Ambulance Package.	A ¹	A ²	A ²	A ¹

2006 Chevrolet Truck Silverado 3500 PEG STAIRSTEP
CC

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 No options allowed to Equipment Groups. Additional options may be added, check ordering information section for compatibility.
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Flow RPO Code	Ref. Only RPO Code	Description	Work Truck WT ¹	LS ²	LT ¹	LTZ ²	Ext. Cab
		1 - Equipment group IWT, LT, LS, and LTZ available on C75003, C75003 and C75053 Models. 2 - Equipment group 2LT available on C75053 Models.					
K34		Cruise control		■	■	■	■
C49		Defogger, rear-window, electric		■	■	■	■
UB0		Sound system, ETR AM/FM stereo with CD player 1 - Upgradeable to (UC0) Sound system, ETR AM/FM stereo with 6-disc CD changer.		■	■	□ ¹	
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel		■	■	■	■
A67		Seats, front 40/20/40 split-bench, 3-passenger		■	■	■	■
DK7		Console, overhead mini		■	■	■	■
AU3		Door locks, power		■	■	■	■
B30		Floor covering, color-keyed carpeting 1 - Must be substituted with (B69) Floor covering, rubberized mat.			□ ¹	■	■
AJ1		Glass, Solar-Ray deep tinted			■	■	■
AU0		Keyless entry, remote			■	■	■
DF5		Mirror, inside rearview			■	■	■
DL8		Mirrors, outside rearview, manual folding, power, heated, Black 1 - Upgradeable to (DPN) Mirrors, vertical camper, outside rearview.			□ ¹	□ ¹	
NP5		Steering wheel, leather-wrapped rim			■	■	■
A31		Windows, power			■	■	■
UC0		Sound system feature, audio speakers			■	■	■
CJ2		Air conditioning, dual-zone, automatic 1 - Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VYU) Snow Plow Prep Package is ordered.				□ ¹	
D07		Console, floor					■
T96		Fog lamps, front					■
V76		Recovery hooks, front, frame-mounted					■
AG1		Seat adjuster, power, driver 6-way					■
A65		Seats, front reclining buckets					■
UC7		Sound system feature, Bose Premium speaker system					■
NP1		Transfer case, electronic shift					■

2006 Chevrolet Truck Silverado 3500 INTERIOR
CC

S = Standard Equipment A = Available - (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.

Flow RPO Code	Ref. Only RPO Code	Description	Work Truck WT ¹	LS ²	LT ¹	LTZ ²	Ext. Cab
		1 - Equipment group IWT, LT, LS, and LTZ available on C75003, C75003 and C75053 Models. 2 - Equipment group 2LT available on C75053 Models.					
		Air bags, frontal, driver and right front passenger, includes passenger side deactivation switch 1 - Always use safety belts and proper child restraints, even with air bags. Children are safer when properly secured in a vehicle than if they are not. See the Owner's Manual for more safety information.		S ¹	S ¹	S ¹	S ¹
CJ3		Air conditioning, dual-zone, manual, individual climate settings for driver and right front passenger 1 - Required and only available with (VYU) Snow Plow Prep Package is ordered.		S	S	S	A ¹
C42		Air conditioning delete, provides heater only 1 - Requires Regular Cab Models.	A ¹	-	-	-	-
CJ2		Air conditioning, dual-zone, automatic, individual climate settings for driver and right front passenger 1 - Requires Extended Cab Models. - Not available with (VYU) Snow Plow Prep Package. 2 - Must be substituted with (CJ3) Air conditioning, dual-zone, manual when (VYU) Snow Plow Prep Package is ordered.	-	-	A ¹	□ ²	
		Assist handle, front passenger 1 - Also includes rear outboard passenger assist handle on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹
		Cigarette lighter, on instrument panel	S	S	S	S	S
		Coat hook, driver side 1 - Also includes passenger side coat hook on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹
		Console, floor, includes storage compartment and dual cupholders	-	-	-	-	■
DK7		Console, overhead mini, includes map lights	-	-	-	-	■
K34		Cruise control, electronic with set and resume speed, includes telltale in instrument panel cluster	A	■	■	■	■
		Cupholders, front 1 - Also includes rear cupholders on Extended Cab Models.	S ¹	S ¹	S ¹	S ¹	S ¹
C49		Defogger, rear-window, electric 1 - Not available with (CJ2) Air conditioning delete. - Available with Fleet and Government order types only.	A ¹	■	■	■	■
AU3		Door locks, power 1 - Available with Fleet and Government sales order types only.	A ¹	A	■	■	■
		Driver Information Center, monitors numerous systems depending on vehicle equipment	S	S	S	S	S

2006 Chevrolet Truck Silverado 3500 INTERIOR CC									
Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab			Ext. Cab			
			Work Truck WT1	LS	LT1	LT2	LT3		
1 - Equipment group 1WT, 1LS, and 1LT available on C*3603. 2 - Equipment group 2LT available on C*3603 Models.									
BG9		Floor covering, rubberized vinyl. Black trim. 1 - Not available with (G32) Medium Gray Leather Interior Trim.	S	S	A ¹				--
B30		Floor covering, color-keyed carpeting 1 - Available with Fleet and Government order types only. 2 - May be substituted with (B69) Floor covering, rubberized vinyl.	A ¹	A	D ²				■
		Instrumentation, analog, includes speedometer, odometer with trip odometer, fuel level, voltmeter, engine temperature, oil pressure and tachometer	S	S	S	S			S
	AU0	Keyless entry, remote, includes 2 transmitters, panic button and content theft alarm	--	--	--	■			■
		Lighting, dome lamp, reading, backlit instrument panel switches and door handle-activated illuminated entry	S	S	S	S			S
		Mirror, inside rearview, manual day/night	S	S	--	--			--
	DF5	Mirror, inside rearview, electrochromic (light-sensitive auto dimming), 8-point compass and outside temperature indicator	--	--	--	■			■
UE1		OnStar, 1-year Safe and Sound Service, includes automatic notification of air bag deployment, stolen vehicle tracking, emergency services, roadside assistance, remote door unlock, remote horn and lights, GM Goodwrench remote diagnostics, AccidentAssist and online concierge. Drivers can also obtain the available voice-activated, hands-free Personal Calling service and Visual Advisor that provides location-based traffic and weather reports and other personalized information 1 - Requires (UK3) Sound system feature, steering wheel controls, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls	--	--	A ¹	A ¹			A ¹
P05		OnStar Plus Package, includes (UK3) Sound system feature, XM Satellite Radio, (UE1) OnStar, and (UK3) Sound system feature, steering wheel mounted radio controls 1 - Requires Extended Cab Models. Package does not include (UK3) Sound system feature, XM Satellite Radio. Package is available with a ship-to of Puerto Rico or the Virgin Islands.	--	--	A ¹	A ¹			A ¹
RQ0		OnStar Plus Package discount not desired 1 - Requires Extended Cab Models. - Required when content option package is ordered and entire package is not desired.	--	--	A ¹	A ¹			A ¹
		Power outlets, auxiliary, covered, 2 dash-mounted, 12-volt	S	S	S	S			S
--V		Seat trim, vinyl	S	A	--	--			--
--C		Seat trim, cloth	A	A	--	--			--

2006 Chevrolet Truck Silverado 3500 INTERIOR CC									
Free Flow RPO Code	RFL Only RPO Code	Description	Reg. and Ext. Cab			Ext. Cab			
			Work Truck WT1	LS LS1	LT1 LT1	LT2 LT2	LT3 LT3	LT4 LT4	
1 - Equipment group 1WT, 1LS, and 1LT available on C36003 C3603 and C3653 Model. 2 - Equipment group 2LT available on C36033 Model.									
	--D	Seat trim, Custom Cloth	A	S	S	S		S	
	--2	Seat trim, leather 1 - Not available with Regular Cab Models. - Extended Cab includes front leather seating surfaces with rear vinyl bench.	--	--	A ¹	A ¹		A ¹	
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining with outboard head restraints 1 - Not available with (YF2) Ambulance Package.	S	A ¹	--	--		--	
AE7		Seats, front 40/20/40 split-bench, 3-passenger, driver and passenger manual reclining, center fold-down armrest with storage, adjustable outboard head restraints and storage pockets on Extended Cab Models 1 - Requires ("D") Seat trim, Custom Cloth. 2 - Not available with (YF2) Ambulance Package.	A ¹	■ ¹	■ ²			--	
SS1		Seats, front buckets, includes head restraints 1 - Included and only available with (YF2) Ambulance Package.	--	A ¹	--	--		--	
AG5		Seats, front reclining buckets, dual adjustable head restraints, (AG1) Seat adjuster, power driver 6-way, passenger manual recline, inboard armrests, and storage pockets 1 - Required and only available with (YF2) Ambulance Package.	--	--	A ¹	■		■	
		Seat, rear bench, folding, 3-passenger (includes child seat top tether anchor) 1 - Standard with Extended Cab Models only.	S ¹	S ¹	S ¹	S ¹		S	
AG1		Seat adjuster, power, driver 6-way 1 - Included with ("2") Seat trim. Leather seating surfaces on Extended Cab Models. - Included with (AG5) Seats, front reclining buckets when (YF2) Ambulance Package is ordered.	--	--	A ¹	■		■	
	UM7	Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock	S	--	--	--		--	
UB0		Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS) 1 - Upgradeable to (UC6) Sound system, ETR AM/FM stereo with 6-disc CD changer.	A	■	■	■		D ¹	
UC6		Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, TheftLock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)	--	--	--	--		A	
UC5		Sound system feature, 4-speakers	S	S	--	--		--	
UC3		Sound system feature, audio speakers	--	--	■	■		--	
UC7		Sound system feature, Bose Premium speaker system	--	--	--	--		■	

2006 Chevrolet Truck Silverado 3500 INTERIOR
CC

Free Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1WT, LT, and LTZ available on C3500, C3500 and C3500 Models. 2 - Equipment group 2LT available on C3500 Models.	Weak Point 1WT	LT LTZ	LT LTZ	LT LTZ	LT LTZ
UK3		Sound system feature, XM Satellite Radio features 67 channels of 100% commercial-free music included in its over 150 channels of the best in music, news, sports, talk, comedy, XM Instant Traffic and Weather, and more. Digital quality sound with coast-to-coast signal coverage. Three trial months - no obligation. 1. Subscription fees apply. Available only in the 48 contiguous U.S.	-	-	A ¹	A ¹	A ¹
		Sound system feature, steering wheel mounted radio controls, Radio and Driver Information Center (DIC), Provides access to enhanced Driver Information Center (DIC) features and information	-	-	A	A	A
		Steering column, tilt-wheel, adjustable, includes brake/transmission shift interlock	S	S	S	S	S
		Steering wheel, includes theft-deterrent locking feature	S	S	-	-	-
	NP5	Steering wheel, leather-wrapped rim, Black, includes theft-deterrent locking feature	-	-	■	■	■
		Theft-deterrent system, PASSLOCK II	S	S	S	S	S
		Tools, mechanical jack and wheel wrench, spare tire assist hook, floor-mounted in back of cab	S	S	S	S	S
		Visors, padded, shade-colored, driver and passenger side with cloth trim, extenders, pocket on driver side and vanity mirror on passenger side	S	S	S	S	S
		Warning tones, headlamp on, key-in-ignition, driver and passenger buckle up reminder, turn signal on	S	S	S	S	S
	A31	Windows, power, includes driver and passenger express-down	-	-	■	■	■
		Windows, rear quarter swing-out 1. Standard with Extended Cab Models only.	S ¹	S ¹	S ¹	S ¹	S

2006 Chevrolet Truck Silverado 3500 EXTERIOR
CC

Free Flow RPO Code	Ref. Only RPO Code	Description 1 - Equipment group 1WT, LT, and LTZ available on C3500, C3500 and C3500 Models. 2 - Equipment group 2LT available on C3500 Models.	Weak Point 1WT	LT LTZ	LT LTZ	LT LTZ	LT LTZ
YF2		Ambulance Package 1 - 2006 Silverado 3500 Chassis Cab (YF2) Ambulance Package is available with 15710 Models C3500 Models and requires (CTU) GVWR, 12000 lbs. (5443 kg). Most ambulance bodies require (GTY) Rear axle, wide-track with GVW of 14000 lbs. (6350 kg) or more. GVW of 14000 lbs. (6350 kg) or more is required for 14000-15500 lbs. GVW. Center console is not included with LT1.	-	A ¹	A ¹	-	-
		Air dam, Gray	S	S	S	S	S
	ZW9	Body, Chassis Cab	S	S	S	S	S
	V33	Bumper, front, chrome, with Gray lower	S	S	S	S	S
		Daytime running lamps, includes automatic exterior lamp control	S	S	S	S	S
			-	-	A ¹	■ ²	■ ²
	T96	Fog lamps, front, halogen 1 - Requires (YF6) Recovery hooks, front frame-mounted. Not available with 4WD Models or (YF2) Ambulance Package. 2 - Requires 2WD Models.	S	S	-	-	-
		Glass, Solar-Ray light tinted, all windows	S	A	■	■	■
	AJ1	Glass, Solar-Ray deep tinted (all windows except light tinted glass on windshield, driver and front passenger)	S	S	S	S	S
	TR3	Grille, color-keyed surround, with chrome accent bar	S	S	S	S	S
		Headlamps, dual halogen composite, includes flash-to-pass feature and automatic lamp control	S	S	S	S	S
	UD1	Lamps, amber roof marker	S	S	S	S	S
	TS9	Lamp, center high-mounted stop/brake (CHMSL), delete and cargo area, delete 1 - Standard with 4WD Models only. 2 - Standard with 4WD Models only. Included and only available with (YF2) Ambulance Package.	S ¹	A ¹	A ¹	S ¹	S ¹
	D44	Mirrors, outside rearview, foldaway, manual, Black, adjustable	S	S	-	-	-
	DF2	Mirrors, outside rearview, foldaway, manual, camper-style, manual, Black, high visibility, extendable, includes dual segment mirror on driver's side that provides enhanced wide angle capacity (not recommended for bodies or trailers wider than 86" [218.4 cm])	A	A	-	-	-

2006 Chevrolet Truck Silverado 3500 EXTERIOR
CC

Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1WT ¹	Reg. and Ext. Cb		Ext. Cb
		1. Equipment group 1WT, LT, LS, and LT1 available on C-3500, C-3500S and C-3500S Models. 2. Equipment group 2LT available on C-3500S Models.		LT 1LT ¹	LT1 1LT ¹	LT2 1LT ¹
DG5		Mirrors, outside rearview, right-hand and left-hand. West Coast-type, Black (7" wide x 16" high) (shipped loose for dealer installation)	A	A	-	-
	DL8	Mirrors, outside rearview, manual folding, power, heated, Black. Upgradable to (DPN) Mirrors, vertical camper, outside rearview.	-	-	D ¹	D ¹
DPN		NEVI ¹ Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending, includes turn signal indicators and lower convex spotter glass (convex glass is not heated)	-	-	A	A
	ZY1	Paint, solid	S	S	S	S
V76		Recovery hooks, front, frame-mounted 1. Standard with 4WD Models only.	A ¹	A ¹	A ¹	■ ¹
XYK		Tires, LT215/65R16D, all-season, blackwall 1. Requires and standard on CC36003, CC36053, CC36403 or CC36003 Models. - Not available with (VYU) Snow Plow Prep Package on CC36003 Model. - Includes 6 tires.	A ¹	A ¹	A ¹	A ¹
XEC		Tires, LT215/65R16E, all-season, blackwall 1. Requires and standard on CC36003 and (VYU) Snow Plow Prep Package, CC36053 or CC36403 Models. - Includes 6 tires.	A ¹	A ¹	A ¹	A ¹
XEF		Tires, LT215/65R16E, on/off-road, blackwall 1. Includes 6 tires.	A ¹	A ¹	A ¹	A ¹
ZYK		Tire, spare LT215/65R16D, all-season, blackwall, located at rear underbody of vehicle 1. Requires CC36003, CC36053, CC36403 or CC36003 Models and (XYK) Tires. - Not available with (VYU) Snow Plow Prep Package on CC36003 Models.	A ¹	A ¹	A ¹	A ¹
ZEC		Tire, spare LT215/65R16E, all-season, blackwall, located at rear underbody of vehicle 1. Requires CC36003 and (VYU) Snow Plow Prep Package, CC36053 or CC36403 Models and (XEC) Tires.	A ¹	A ¹	A ¹	A ¹
ZEF		Tire, spare LT215/65R16E, on/off-road, blackwall, located at rear underbody of vehicle 1. Requires (XEF) Tires, LT215/65R16E, on/off-road, blackwall.	A ¹	A ¹	A ¹	A ¹
		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted (dual rear), includes painted center caps and steel spare	S	-	-	-
P06		Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare	-	■	■	■
B71		Wheel flares, front only	S	S	S	S
		Wipers, intermittent, front, wet-arm with pulse washers	S	S	S	S

2006 Chevrolet Truck Silverado 3500 MECHANICAL
CC

S = Standard Equipment A = Available -- (dashes) = Not Available ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable						
*Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.						
Codes listed in the shaded column titled Ref. Only RPO Code are for internal use only and should not be ordered.						
Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1WT ¹	Reg. and Ext. Cb	Ext. Cb	
		1 - Equipment group 1WT, LT, LS and LT1 available on C-3500, C-3500S and C-3500S Models. 2 - Equipment group 2LT available on C-3500S Models.		LT ¹ LT ¹	LT2 2LT ¹	
K47		Air cleaner, high-capacity 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8. - Included with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	
KL5		Alternative fuel conversions, conversion-ready engine, includes internal modifications for operation with natural or propane gas 1 - Requires (LQ4) Engine, Vortec 6000 V8 SPI and (MT1) Transmission, 4-speed automatic, heavy-duty.	A ¹	A ¹	A ¹	
	K69	Alternator, 105 amps 1 - Not available with (VYU) Snow Plow Prep Package. 2 - Not available with (VYU) Snow Plow Prep Package or (YF2) Ambulance Package.	S ¹	S ²	S ¹	
	XG3	Alternator, 145 amps 1 - Included and only available with (VYU) Snow Plow Prep Package.	A ¹	A ¹	A ¹	
	K65	Alternator, dual 105 amps 1 - Included and only available with (YF2) Ambulance Package.	--	A ¹	--	
		Battery, heavy-duty, 600 cold-cranking amps, includes rundown protection and retained accessory power 1 - Not standard with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	S ¹	S ¹	S ¹	
TP2		Battery, auxiliary heavy-duty, 600 cold-cranking amps, includes rundown protection and retained accessory power 1 - Not available with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	
	TQ3	Battery, heavy-duty dual, 770 cold-cranking amps, includes rundown protection and retained accessory power 1 - Included and only available with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	
		Brakes, 4-wheel antilock, 4-wheel disc	S	S	S	
	KC4	Cooling, external engine oil cooler, heavy-duty air-to-oil, integral to driver side of radiator tank	S	S	S	
	KNP	Cooling, external transmission oil cooler, auxiliary, heavy-duty air-to-oil 1 - Included and only available with (MT1) Transmission, 4-speed automatic, heavy-duty or (MW7) Transmission, Allison 100 5-speed automatic.	A ¹	A ¹	A ¹	

2008 Chevrolet Truck Silverado 3500 MECHANICAL

CC

Free Flow RPO Code	Ref. Only RPO Code	Description	Wet Truck WT ¹	LS	LT ¹	LT ²	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-3500, C-3500 and C-3500 Models. 2 - Equipment group 2LT available on C-3500 Models.					
		Cooling, Internal transmission of cooler, water-to-oil, integral to driver side of radiator tank. 1 - Included and only available with (YF7) Transmission, Allison 1000 6-speed automatic. 4-speed automatic, heavy-duty or (MW7) Transmission, Allison 1000 6-speed automatic.	A ¹	A ¹	A ¹	A ¹	A ¹
G80		Differential, locking, heavy-duty, rear	A	A	A	A	A
F59		Emissions, Federal requirements	A	A	A	A	A
YF5		Emissions, California state requirements	A	A	A	A	A
NE1		Emissions, Maine, Massachusetts, New York or Vermont state requirements	A	A	A	A	A
VCL		Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle). Option (VCL) should ONLY be ordered to receive the CFF LEV certification. If (VCL) is not ordered, the vehicle will be produced with your normally selected emission system and may not be CFF LEV certified. Products ordered with the (VCL) option may not be certified to California emission requirements. Therefore, they may not be legal for registration in California, New York, Maine, Massachusetts and Vermont. Option (YF5) should be ordered for all vehicles ordered in California. Option (NE1) should be ordered for all vehicles ordered in Maine or Vermont.	A	A	A	A	A
NB8		Emissions override, California, Massachusetts or New York (for vehicles ordered by dealers in states of California, Massachusetts or New York with Federal emissions) 1 - Requires (F59) Emissions, Federal requirements.	A ¹	A ¹	A ¹	A ¹	A ¹
NCT		Emissions override, Federal (for vehicles ordered by dealers in Federal emission states with California, New York, Vermont, Massachusetts or Maine emissions; may also be used by dealers in states of California, New York, Vermont, Massachusetts or Maine to order different state-specific emissions) 1 - Requires (YF5) Emissions, California state requirements or (NE1) Emissions, New York, Vermont, Massachusetts or Maine state requirements.	A ¹	A ¹	A ¹	A ¹	A ¹
K05		Engine block heater 1 - Included with (LLY) Engine, Duramax 6600 Turbo Diesel V8.	A ¹	A ¹	A ¹	A ¹	A ¹
	LQ4	Engine, Vortec 6000 V8 SFI (300 HP [223.8 kW] @ 4400 rpm, 360 lb.-ft. [486.6 N-m] @ 4000 rpm) 1 - Not available with (YF2) Ambulance Package.	S	S ¹	S ¹	S	S
L18		Engine, Vortec 8100 V8 SFI (330 HP [245.8 kW] @ 4200 rpm, 450 lb.-ft. [607.5 N-m] @ 3200 rpm) 1 - Not available with (YF2) Ambulance Package.	A	A ¹	A ¹	A	A

2006 Chevrolet Truck Silverado 3500 MECHANICAL

CC

Free Flow RPO Code	Ref. Only RPO Code	Description	Wet Truck WT ¹	LS	LT ¹	LT ²	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-3500, C-3500 and C-3500 Models. 2 - Equipment group 2LT available on C-3500 Models.					
LLY		Engine, Duramax 6600 Turbo Diesel V8 (with Manual Transmission 300 HP [223.8 kW] @ 3000 rpm, 520 lb.-ft. [702.0 N-m] @ 1600 rpm) (with Automatic Transmission 310 HP [231.2 kW] @ 3000 rpm, 605 lb.-ft. [816.8 N-m] @ 1600 rpm) 1 - Includes (T03) Battery, heavy-duty dual 770 cold-drawn amps, (K05) Engine block heater, and (K47) approved in conjunction with (LLY) Engine, Duramax 6600 Turbo Diesel. 2 - Includes (T03) Battery, heavy-duty dual 770 cold-drawn amps, (K05) Engine block heater, and (K47) approved in conjunction with (LLY) Engine, Duramax 6600 Turbo Diesel. - Required with (YF2) Ambulance Package.	A ¹	A ¹	A ¹	A ¹	A ¹
V10		Covers, radiator grille and front bumper openings, for diesel engines in winter weather 1 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, with (T03) Battery, heavy-duty dual 770 cold-drawn amps, (K05) Engine block heater, and (K47) approved in conjunction with (LLY) Engine, Duramax 6600 Turbo Diesel. 2 - Requires (LLY) Engine, Duramax 6600 Turbo Diesel V8, with (T03) Battery, heavy-duty dual 770 cold-drawn amps, (K05) Engine block heater, and (K47) approved in conjunction with (LLY) Engine, Duramax 6600 Turbo Diesel. Exhaust, aluminum stainless-steel muffler and tailpipe	A ¹	A ¹	A ¹	A ¹	A ¹
NOZ		Frame, ladder-type, hydroformed Fuel tank delete, rear (deletes 18 gallons [68.1L] rear fuel tank, leaves 32 gallons [121.1L] front fuel tank) 1 - Not available with (YF2) Ambulance Package.	A	A ¹	A ¹	A	A
	C7W	GVWR, 11,400 lbs. (5171 kg) 1 - Standard with 2WD Models only.	S ¹	S ¹	S ¹	S ¹	S ¹
	CTL	GVWR, 12,000 lbs. (5443 kg) 1 - Standard with 4WD Models only.	S ¹	S ¹	S ¹	S ¹	S ¹
PDN		Heavy-Duty Power Package, includes (LLY) Engine, Duramax 6600 Turbo Diesel V8 (MW7) Transmission, Allison 1000 6-speed automatic and (G80) Differential, locking, heavy-duty, rear	A	A	A	A	A
GT4		Rear axle, 3.73 ratio 1 - Refer to Engine/Axle chart for availability.	A ¹	A ¹	A ¹	A ¹	A ¹
GT5		Rear axle, 4.10 ratio 1 - Refer to Engine/Axle chart for availability. 2 - Refer to Engine/Axle chart for availability. - Not available with (YF2) Ambulance Package.	S ¹	S ¹	S ¹	S ¹	S ¹
GTY		Rear axle, wide-track 1 - Increases axle g ⁹ to 74" wide.	A ¹	A ¹	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 MECHANICAL
CC

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Ext. Cab	
			Work Truck 1WT ¹	LS LS ¹	LT ¹ LT ¹	LT ² LT ²
NZZ		1. Equipment group 1WT, LT ¹ , and LT ² available on C3500, C3500, and C3500 Models. 2. Equipment group 2LT ¹ available on C3500 Models. Skid Plate Package, includes aluminum front underbody shield starting behind front bumper and running to 1st cross-member, protecting front underbody, oil pan, differential case and transfer case, frame-mounted shields 1. Requires 4WD Models. - Included with (VYU) Snow Plow Prep Package. 2. Requires 4WD Models. - Included with (VYU) Snow Plow Prep Package. - Not available with (YF2) Ambulance Package.	A ¹	A ²	A ²	A ¹
VYU		Snow Plow Prep Package, includes 10-amp power for backup and roof emergency light, (KG3) 145-amp alternator, high-flow front bumper, forward lamp wiring harness, 1.65" (42 mm) access hole with grommet in front of dash panel, mounting location for snow plow controls, instrument panel jumper wiring harness for electric trailer brake controller, (K47) Air Cleaner, high capacity and (NZZ) Skid Plate Package 1. Requires 4WD Models. - With CK3603 requires (XEC) LTZ1515SR16E, on/off-road, blackwall. - With CK3603 or CK3603 Models, requires (LQ4) Engine, Vortec 6000 V8 SFI (LQ4) Engine, Vortec 6000 V8 SFI, - Included with (CJ2) Air conditioning, dual-zone, automatic or (YF2) Ambulance Package.	A ¹	A ¹	A ¹	A ¹
		Steering, power	S	S	S	S
		Suspension, front, independent torsion bar, and stabilizer bar	S	S	S	S
		Suspension, rear, 3-stage springs	S	S	S	S
Z85		Suspension Package, Handling/Trailering, heavy-duty, includes 36mm piston monotube shocks	S	S	S	S
NP2		Transfer case, floor-mounted shifter 1. Standard with 4WD Models. - Requires (AET) Seats, front 40/20/40 split-bench.	S ¹	S ¹	S ¹	-
NP1		Transfer case, electronic shift, includes push-button controls 1. Requires 4WD Models. - Requires (MT1) Transmission, Allison 1000 6-speed automatic or (MW7) Transmission, Allison 1000 6-speed automatic. 2. Requires 4WD Models.	-	-	A ¹	■ ²
MW3		Transmission, 5-speed manual with overdrive 1. Requires (LQ4) Engine, Vortec 6000 V8 SFI.	S ¹	S ¹	S ¹	-
MT1		Transmission, 4-speed automatic, heavy-duty, electronically controlled with overdrive, tow/haul mode and (KNP) Cooling, external transmission oil cooler 1. Requires (LQ4) Engine, Vortec 6000 V8 SFI.	A ¹	A ¹	A ¹	S ¹

2006 Chevrolet Truck Silverado 3500 MECHANICAL
CC

Free Flow RPO Code	Ref. Only RPO Code	Description	Reg. and Ext. Cab		Ext. Cab	
			Work Truck 1WT ¹	LS LS ¹	LT ¹ LT ¹	LT ² LT ²
ML6		1. Equipment group 1WT, LT ¹ , and LT ² available on C3500, C3500, and C3500 Models. 2. Equipment group 2LT ¹ available on C3500 Models. Transmission, 6-speed manual, heavy-duty with overdrive (L18) Engine, Vortec 8100 V8 SFI. 2. Requires (L18) Engine, Vortec 8100 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Not available with (YF2) Ambulance Package.	A ¹	A ²	A ²	-
MW7		NEW! Transmission, Allison 1000 6-speed automatic, electronically controlled with overdrive and electronic engine grade braking, includes tow/haul mode selector and (KNP) Cooling, external transmission oil cooler 1. Requires (L18) Engine, Vortec 8100 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. 2. Requires (L18) Engine, Vortec 8100 Turbo Diesel V8 or (L18) Engine, Vortec 8100 V8 SFI. - Required with (YF2) Ambulance Package.	A ¹	A ²	A ²	A ¹

2006 Chevrolet Truck Silverado 3500 ENGINE/AXLE

CC

S = Standard Equipment A = Available - (dashes) = Not Available
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Model	Engine	Transmissions				Axles		GVWR, GVW, C/L	
		MW3 5-Speed Manual with OD	MT1 4-Speed Automatic with OD	ML5 8-Speed Manual with OD	MW7 Allison 1000 5-Speed Automatic with OD	G14 3.73	G15 4.10 (5171)	GVW 11,400 (9443)	C/L 12,000 (9443)
CC36**3	LC4 Vortec 6000 V8 gas	S	A	-	-	-	S	S	-
	L18 Vortec 8100 V8 gas	-	-	A	A	-	S	S	-
	LLY Duramax 6600 Turbo Diesel	-	-	A	A	-	-	S	-
	V8	-	-	-	-	-	-	-	-
CK36**3	LC4 Vortec 6000 V8 gas	S	A	-	-	-	S	-	S
	L18 Vortec 8100 V8 gas	-	-	A	A	-	S	-	S
	LLY Duramax 6600 Turbo Diesel	-	-	A	A	-	-	-	S
	V8	-	-	-	-	-	-	-	-

* Not available with T-Zee Steel trim, leather. -Requires (ME7) Seats, front 40/20/40 split-bench.

1 - Not available with (**) Steel rim, Leather, *Requires (AET) Seats, from 40/20/40 split-bench

2006 Chevrolet Truck Silverado 3500 COLOR AND TRIM - SOLID PAINT ZY1

CC

S = Standard Equipment A = Available - (dashes) = Not Available
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Color Level	Seat Type	Seat Code	Seat Trim	Interior	
				Tan	Dark Charcoal Medium Gray
Work Truck/LS	Front 40/20/40 split-bench without armrest	AE7	Vinyl	52V	69V
Work Truck/LS	Front 40/20/40 split-bench without armrest	AE7	Cloth	52C	69C
Work Truck/LS	Front reclining buckets	9S1 ⁴	Vinyl	52V	69V
Work Truck/LS/LT1	Front 40/20/40 reclining split-bench with armrest	AE7	Custom Cloth	52D	69D
LT1	Front power reclining buckets	A95	Custom Cloth	52D	69D
LT2	Front power reclining buckets	AE7	Custom Leather seating surfaces ¹	52Z	69Z
LT2	Front power reclining buckets	A95	Custom Leather seating surfaces ¹	52Z	69Z

Exterior Body Paint	Cab Code	Truck Up Paint Number	Interior		
			Tan	Dark Charcoal	Medium Gray
Sandstone Metallic	15U	WA-928L	A	A	A
NEW! Graystone Metallic	16U	WA-213M	A	A	A
Dark Blue Metallic	25U	WA-722J	A	A	A
Black	41U	WA-855S	A	A	A
NEW! Blue Granite Metallic	46U	WA-928L	A	A	A
Dark Green Metallic	47U	WA-9339	A	A	A
Summit White	50U	WA-8624	A	A	A
Silver Birch Metallic	59U	WA-828L	-	A	A
Sport Red Metallic ³	63U	WA-817K	A	A	A
Victory Red	74U	WA-928D	A	A	A

1 - Not available with manual transmissions or Regular Cab Models.

2 - Wheel fires on front wheels only and are Black on LS Models.

3 - Not available on Work Truck or LS Models.

4 - Requires (YFZ) Ambulance Package.

2005 Chevrolet Truck Silverado 3500 COLOR AND TRIM - SEO SOLID PAINT CC

Decor Level		Seat Type	Seat Code	Seat Type	Trim	Interior	Medium Gray
Base	Front 40/20/40 split-bench without armrest	AE7	Vinyl	52V	68V	--	--
Base	Front 40/20/40 split-bench without armrest	AE7	Cloth	52C	68C	--	--
LS	Front 40/20/40 reclining split-bench with armrest	AE7	Custom Cloth	52D	69D	--	--
LS	Front power reclining buckets	A95	Custom Cloth	52D	69D	--	--
LS	Front 40/20/40 reclining split-bench with armrest	AE7	Custom Leather seat inserts ¹	52Z	69Z	92Z	92Z
LS	Front power reclining buckets	A95	Custom Leather seat inserts ¹	52Z	69Z	92Z	92Z

S = Standard Equipment A = Available -- (dashes) = Not Available
 ■ = Included in Equipment Group □ = Included in Equipment Group but upgradeable
 *Indicates availability of feature on multiple models. For example, it indicates feature availability on 2WD and 4WD Models or Rear wheel drive and All-wheel drive Models.

Exterior Color	Exterior Color Code	Trim Up Color Number	Interior	
			Tan	Dark Charcoal
Yellow	none	WA-5248	A	A
Blue Metallic	none	WA-5405	A	A
Yellow	none	WA-5445	A	A
Yellow	none	WA-5456	A	A
Blue	none	WA-5663	A	A
Green - Low Gloss	none	WA-6237	A	A
Tan - Low Gloss	none	WA-6238	A	A
Blue	none	WA-7154	A	A
Blue Metallic	none	WA-7159	A	A
Gray Metallic	none	WA-7840	A	A
Green	none	WA-7841	A	A
Green, Woodland	9V5	WA-9015	A	A
Doekskin Tan	9V9	WA-9403	A	A
Orange	none	WA-9408	A	A
Yellow	none	WA-9414	A	A
Tangler Orange	9W4	WA-9417	A	A
Orange	none	WA-9419	A	A
Indigo Blue	none	WA-9792	A	A

Light Autumnwood Metallic	none	WA-228A	A	A	A
Wheatland Yellow	9W3	WA-253A	A	A	A
Dark Toreador Red	none	WA-334D	A	A	A
Pewter	none	WA-382E	A	A	A
Blue	none	WA-769H	A	A	A
Orange	none	WA-770H	A	A	A
NEVI Green	none	WA-5758	A	A	A

All wheel flares will be Black.
 1 - Not available with manual transmissions or Regular Cab Models.

2006 Chevrolet Truck Silverado 3500	SEO OPTIONS/SHIP THRU CODES
CC	

Free Flow RPO Code	RFL Only C484	Description	Peak Truck Power (kW)	LS TUE	LTT NLT	LTT ZLF	Est. Cost
9U3		1. Equipment group 1WY L1.S. and L1.T available on C-36003 C-36A03 and C-36B03 Models. 2. Equipment group L1.T available on C-36B03 Model. Seats, cloth bench (MSRP = No Charge) with Work Truck and (MSRP = \$282.00) with LS Decor Driver and passenger front individual seats in cloth trim (derived from AET 40/20/40 Split Bench with center 20" section removed). Does not include a floor or roof console. Cloth rear seat with trim matching front seats will be provided on Extended Cabs. 1. Requires Trim codes (85C) Dark Pewter or (52C) Neutral on Regular or Extended Cab Models. Not available with RPO AG1 Seat adjuster, power, driver, 6-way or with RPO VFZ Ambulance Package.	A ¹	A ¹	-	-	
9S1		Seats, Individual vinyl (MSRP = \$282.00 Credit) on LS Decor and (MSRP = No Charge) on Work Truck Decor Driver and passenger front individual seats in vinyl trim (derived from RPO AE7 40/20/40 Split Bench with center 20" section removed). Does not include manual lumbar. Seats are manual, not power. Does not include a floor or roof console. Standard vinyl rear seat with trim matching front seats will be provided on Extended Cabs. Note: *When SEO (9S1) is desired/orderd, do not attempt to have RPO AE7 on the order along with 9S1. Also, RPO (AB5) will be forced onto the order due to system requirements, although seat is derived from RPO (AE7). 1. Requires Trim codes (85D) Dark Charcoal or (52D) Neutral. Not available with RPO AG1 Seat adjusted, power, driver, 6-way or with RPO VFZ Ambulance Package.	A ¹	A ¹	-	-	
9R3		Sound system, delete (MSRP = No Charge) Fleet option. Provides a storage tray and a driver alert chime tone module. Retains antenna and base speaker system. 1. Requires a Fleet or Government sales order.	A ¹	A ¹	-	-	
9R0		Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LTT Decor AM/FM stereo with cassette and digital clock, no CD player. Replaces the base radio. 1. Requires a Fleet or Government sales order. Requires RPO (AE7) Stereo, front 40/20/40 split-bench on L1.T.	A ¹	A ¹	A ¹	-	
8S3		Exterior Backup alarm (MSRP = \$103.00) 97 decibels back-up alarm. 1. Not available with RPO (LTV) Engine, Duramax 6600 Turbo Diesel. Not available with RPO (L54) Engine, Vortec 5300 V6. Not available with RPO (NE5) Emissions, California or RPO (NE1) Emissions, Northeast when ordered on Models C-36B03 with RPO (L18) Engine, Vortec 5100 V6 SFI.	A ¹	A ¹	A ¹	A ¹	

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES
CC

Free Flow RPO Code	Req. Only RPO Code	Description	West Coast 1971	Reg and Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-36001, C-36403 and C-36553 Models. 2 - Equipment group 2LT available on C-36553 Models.		LS 1LS	LT1 1LT
8H5		Bumper, delete (MSRP = \$445.00 Credit) Deletes the standard front bumper. Retains the Standard Frame Mounted Tow Hooks on 4WD Models. 1 - Not available with RPO (V76) on 2WD Models. 2 - Not available with RPO (V76) on 2WD Models. Not available with RPO (T96) Fog lamps.	A ¹	A ¹	A ²
8E9		Bumper, front, painted White (MSRP = \$45.00) Provides a White painted front bumper in lieu of standard chrome.	A	A	--
9B4		Fuel fill cap with stainless steel leather Standard dual fuel tanks (MSRP = \$30.00) and with RPO (NQZ) Fuel tank delete (MSRP = \$15.00) Provides a fuel fill pipe cap with a stainless steel leather in lieu of the standard plastic tether. 1 - Requires RPO (NQZ) Fuel tank, delete, rear and RPO (L-18) Engine, Vortec 8100 V8 SFI.	A ¹	A ¹	A ¹
5M9		High level stop lamp (CHMSL) delete (MSRP = No Charge) Deletes the high level stop lamp (CHMSL) and covers the opening with a protective cover. Note: CHMSL delete is standard on 4WD Models. 1 - Requires 2WD Models. Not available with RPO (K34) Cruise control when ordered with SEO (SQ1) Tail lamp, delete.	A ¹	A ¹	--
5Z5		Hubcap delete (MSRP = \$18.00 Credit) Deletes decorative cap at center of wheel.	A	--	--
6VZ		Jack and tools delete (MSRP = \$32.00 Credit) Deletes the jack and tire change tools that are standard. 1 - Requires a Fleet or Government sales order.	A ¹	A ¹	A ¹
6X1		Label, fasten safety belts (MSRP = \$2.00) "Fasten Safety Belts" reminder label on side door window glass.	A	A	A
	5X1	Mirror, exterior, power adjustable, manual folding, non-heated. 1 - Included and only available with SEO (SB5) Power windows and mirrors.	A ¹	A ¹	--
9N8		Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00) Driver and passenger side 6" (15.2 cm) diameter convex spot add-on mirrors with brackets for use with West Coast style mirrors. Mirrors shipped loose in vehicle. 1 - Requires SEO (SB7) Mirror, outside driver and passenger side West Coast type.	A ¹	A ¹	--

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES
CC

Free Flow RPO Code	Req. Only RPO Code	Description	West Coast 1971	Reg and Ext. Cab	Ext. Cab
		1 - Equipment group 1WT, 1LS, and 1LT available on C-36001, C-36403 and C-36553 Models. 2 - Equipment group 2LT available on C-36553 Models.		LS 1LS	LT1 1LT
6G9		Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00) Provides a convex combination driver and passenger side outside rearview mirror with 6" x 10" (15.2 cm x 25.4 cm) flat positioned over a 6" x 6.5" (15.2 cm x 16.5 cm) convex mirror head. Provides drilling in cab and mirror assembly shipped loose. For use with wide body applications up to 96" (243.8 cm).	A	A	--
9F2		Mirror, outside delete (MSRP = \$25.00 Credit) Deletes driver and passenger outside rearview mirrors that are standard on the vehicle. Incomplete vehicle documentation. 1 - Requires a Fleet sales order.	A ¹	A ¹	--
9F7		Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00) Provides large West Coast style mirrors with spring loaded pre-set feature. Mirrors are Black. Includes cab drillings and mirror assembly shipped loose.	A	A	--
6P3		Mirrors, outside rearview, power, non-heated, camper-style. (MSRP = W/A) Provides power adjustable, manual extendable, non-heated convex combination RH and LH outside rearview mirrors consisting of a 50 sq. in. flat mirror surface positioned over a 20 sq. in. convex mirror surface within a common head. Includes turn signals in the mirror heads. 1 - Requires RPO (AUX) Door locks, power programmable and SEO (SB5) Power windows and mirrors.	A ¹	A ¹	--
6R2		Mirrors, outside rearview, sail panel mounted wide field of vision, manual adjust, black (MSRP = \$250.00) Provides convex combination RH and LH that are sail panel mounted, has 63.3 sq. inch flat glass positioned over a 30.1 sq. inch convex glass within a common head. Mirrors are shipped loose in vehicle. 1 - Not available with SEO (SB5) Power windows and mirrors.	A ¹	A ¹	--
8F2		Ornamentation, delete (MSRP = No Charge) Deletes decals and nameplates on truck exterior. 1 - Requires Upfitter order.	A ¹	A ¹	--
9V9		Paints, solid (MSRP = No Charge), Doekin Tan 1 - Requires SEO (TCK) Special Paint.	A ¹	A ¹	A ¹
9W4		Paints, solid (MSRP = No Charge), Tangerine Orange 1 - Requires SEO (TCK) Special Paint.	A ¹	A ¹	A ¹

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES						
CC						
Free Flow RPO Code	Ref. Only RPO Code	Description	Base Price 1st Yr.	Reg. and Ext. Cab	LT1 LT1	Ext. Cab
1 - Equipment group 1W1, LT1, and LT2 available on C-36003, C-36403 and C-36553 Models. 2 - Equipment group 2LT available on C-36553 Models.						
880		Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00) 770 CCA main cranking battery with a 600 CCA auxiliary battery. Auxiliary battery has an isolator and is not wired to ignition; provides an auxiliary electrical power source. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI or RPO (L18) Engine, Vortec 8100 V8 SFI. Not available with RPO (T21) Battery, auxiliary heavy-duty, 600 cold-cranking amps or SEO (T19) battery, single 770 CCA.	A ¹	A ¹	A ¹	A ¹
7Y9		Battery, Single 770 CCA (MSRP = \$56.00) Provides a 770 CCA HD cranking battery. 1 - Requires RPO (LQ4) Engine, Vortec 6000 V8 SFI or RPO (L18) Engine, Vortec 8100 V8 SFI. Not available with RPO (T21) Battery, auxiliary heavy-duty, 600 cold-cranking amps or SEO (T19) battery, single 770 CCA with a 600 CCA auxiliary.	A ¹	A ¹	A ¹	A ¹
7Z1		Horn, high note (MSRP = \$20.00) In addition to base low note horn.	A	A	-	-
9L4		Power supply, 12 volt (MSRP = \$168.00) 12 volt direct power supply from the battery with two separate 30 amp fused circuits. Each circuit has a 30 amp mini fuse for both positive and ground to protect electrical accessories. Main supply lead has a 40 amp maxi-fuse. All fuses are serviceable. Provides either direct battery power or operation through the ignition system. Hook-up wire is provided under the passenger side glove box. Operational amperage is 21 amps each circuit; 28 amps total. Hook-up and operational instructions are provided. 1 - Not available with RPO (U2K) Sound system feature, XM Satellite Radio or RPO (UE1) OnStar or RPO (MW3) or RPO (ML6) Transmission, manual.	A ¹	A ¹	A ¹	A ¹
VAB		Ship Thru Codes Ship Thru for Models C-36**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment	A	A	A	A
VAY		Ship Thru for Models C-36**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Mounting	A	A	A	A
VBK		Ship Thru for Models C-36**3 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to FL Wayne Fleet Equipment	A	A	A	A
VFI		Ship Thru for TDM Vehicle Management (MSRP = W/A) In Auburn Hills, MI from the Pontiac Assembly Plant 1 - Requires Models CK36403 or CK36553	A ¹	A ¹	A ¹	A ¹
VGH		Ship Thru for Models C-36**3 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Monroe Truck Equipment	A	A	A	A

2006 Chevrolet Truck Silverado 3500 SEO OPTIONS/SHIP THRU CODES						
CC						
Free Flow RPO Code	Ref. Only RPO Code	Description	Work Truck 1W1 ¹	LS LT1 ¹	Reg. and Ext. Cab	Ext. Cab LT2 LT1 ¹
		1 - Equipment group 1W1, LT1, and LT1 ¹ available on C-36003, C-36403 and C-36553 Models. 2 - Equipment group 2LT ¹ available on C-36553 Models.				
VGZ		Ship Thru for Models C-360*3 and CK36403 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield	A	A	A	A
VWS		Ship Thru for Models C-36**3 (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment	A	A	A	A
VYC		Ship Thru for Models C-36**3 (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knaphelde Truck Equipment	A	A	A	A
VYS		Ship Thru for Models C-360*3 and CK36403 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Masterack Truck Equipment	A	A	A	A

2006 Chevrolet Truck Silverado 3500 CC DIMENSIONS

All dimensions in inches (mm) unless otherwise stated.

Specifications	CC3500		CC3500		CC3500		CC3500		CC3500	
	2WD	4WD	2WD	4WD	2WD	4WD	2WD	4WD	2WD	4WD
Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab	Regular Cab
CA	CA	CA	CA	CA	CA	CA	CA	CA	CA	CA
A Wheelbase	137.00 (3480)	137.00 (3480)	161.50 (4102)	161.50 (4102)	161.50 (4102)	161.50 (4102)	161.50 (4102)	161.50 (4102)	161.50 (4102)	161.50 (4102)
B Overall length	225.00 (5715)	225.00 (5715)	249.50 (6337)	249.50 (6337)	249.50 (6337)	249.50 (6337)	249.50 (6337)	249.50 (6337)	249.50 (6337)	249.50 (6337)
C Body width	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)	86.00 (2184)
Body width, with (GTY) Rear axle	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)	93.90 (2385)
D Overall height	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)	76.00 (1930)
Head room, front	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)	41.10 (1044)
Head room, rear	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)
Shoulder room, front	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)	65.70 (1669)
Shoulder room, rear	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)
Hip room, front	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)
Hip room, rear	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)	61.50 (1562)
Leg room, front	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)	41.30 (1049)
Leg room, rear	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)	38.40 (975)
CA Cab to axle	60.40 (1534)	60.40 (1534)	84.90 (2156)	84.90 (2156)	84.90 (2156)	84.90 (2156)	84.90 (2156)	84.90 (2156)	84.90 (2156)	84.90 (2156)
BA Front bumper to axle	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)	37.00 (940)
BBC Front bumper to back of cab	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)	113.60 (2885)

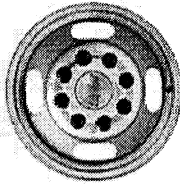
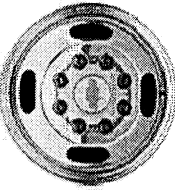
Published dimensions indicated are without optional equipment or accessories. Additional accessories or equipment ordered at the customer's request can result in a minor change in these dimensions.

2006 Chevrolet Truck Silverado 3500 CC SPECS - REGULAR CAB

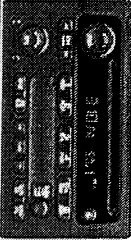

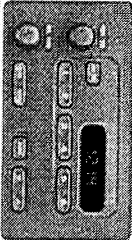
Specifications	CC3500	CC3500	CC3500	CC3500
	2WD Regular Cab	2WD Regular Cab	4WD Regular Cab	4WD Regular Cab
Front shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Front stabilizer bar diameter, in. (mm)	1.25 (32)	1.25 (32)	1.25 (32)	1.25 (32)
Rear shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)	1.38 (35)	1.38 (35)
Turning diameter, curb-to-curb, ft. (m)	44.9 (13.7)	51.9 (15.8)	44.9 (13.7)	51.9 (15.8)
Capacities				
Front axle, lbs. (kg)	4800 (2177)	4800 (2177)	4800 (2177)	4800 (2177)
Front spring capacity, lbs. (kg)	4500 (2041)	4800 (2177)	4800 (2177)	4800 (2177)
Rear axle, lbs. (kg)	9200 (4173)	9200 (4173)	9200 (4173)	9200 (4173)
Rear spring capacity, lbs. (kg)	8600 (3901)	8600 (3901)	8600 (3901)	8600 (3901)
Curb weight, lbs. (kg)	5503 (2496)	5586 (2534)	5774 (2619)	5987 (2720)
Payload ¹ , lbs. (kg)	5987 (2675)	5814 (2637)	6226 (2824)	6113 (2773)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	11400 (5177)	11400 (5177)	12000 (5443)	12000 (5443)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	4500 (2041)	4670 (2118)	4670 (2118)	4800 (2177)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	8550 (3878)	8550 (3878)	8600 (3901)	8600 (3901)
Fuel capacity, approximate, gallon (liters)	50 (189)	50 (189)	50 (189)	50 (189)
Seating capacity	3	3	3	3

¹ Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

	CC3500S3 2ND Extended Cab	CK3500S3 4WD Extended Cab
Specifications		
Front shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)
Front stabilizer bar diameter, in. (mm)	1.25 (32)	1.18 (30)
Rear shock absorber diameter, in. (mm)	1.38 (35)	1.38 (35)
Turning diameter, curb-to-curb, ft. (m)	51.9 (15.8)	51.9 (15.8)
Capacities		
Front axle, lbs. (kg)	4800 (2177)	4800 (2177)
Front spring capacity, lbs. (kg)	4800 (2177)	4800 (2177)
Rear axle, lbs. (kg)	9200 (4173)	9200 (4173)
Rear spring capacity, lbs. (kg)	8600 (3901)	8600 (3901)
Curb weight, lbs. (kg)	5977 (2711)	6272 (2845)
Payload ² , lbs. (kg)	5423 (2460)	5728 (2598)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	11400 (5171)	12000 (5443)
Front Gross Axle Weight Rating (GAWR), lbs. (kg)	4670 (2118)	4800 (2177)
Rear Gross Axle Weight Rating (GAWR), lbs. (kg)	8550 (3878)	8600 (3901)
Fuel capacity, approximate, gallon (liters)	50 (189)	50 (189)
Seating capacity (front/rear)	3/3	3/3
2. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.		

	Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, painted (dual rear). Includes painted center caps and steel spare
	P06 Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel, with bright metal rings and chrome center caps and steel spare

2006 Chevrolet Truck Silverado 3500 CC RADIOS

	UB0 Sound system, ETR AM/FM stereo with CD player, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume and Radio Data System (RDS)
	UC6 Sound system, ETR AM/FM stereo with 6-disc CD changer, includes seek-and-scan, digital clock, auto-tone control, speed-compensated volume, Theftlock, Radio Data System (RDS), and Bose speaker system (includes 6-speakers, Bose amplifier and Bose Subwoofer)
	LIM7 Sound system, ETR AM/FM stereo, includes seek-and-scan and digital clock

2006 Chevrolet Truck Silverado 3500 CC RPO CODES

Option Code	Description
**2	Seat trim, leather
**C	Seat trim, cloth
**D	Seat trim, Custom Cloth
**V	Seat trim, vinyl
2EC	Tires, front and rear (MSRP = \$55.00)
4EC	Tire, spare (MSRP = \$410.00)
5B5	Power windows and mirrors (MSRP = \$738.00)
5G2	Wheels, painted white (MSRP = \$55.00)
5G4	Provision for cab roof-mounted lamp (MSRP = \$103.00)
5M1	Mirror, exterior, power adjustable, manual folding, non-heated
5M9	High level stop lamp (CHMSL) delete (MSRP = No Charge)
5Q1	Tail Lamp delete (MSRP = \$27.00 Credit)
5X7	Provision for body mounted warning lamp (MSRP = \$98.00)Provides an instrument panel mounted switch and heavy duty electrical relay with hook-up terminal in the engine compartment for a body upfitter to connect a body mounted warning or emergency lamp, 40 amp nominal rating.
5X9	Provisions, wrecker package (MSRP = \$25.00)
5Y0	Provision for body mounted lamp with hook-up wiring (MSRP = \$88.00)Provides an instrument panel mounted switch and electrical hook-up behind the cab for a body upfitter to connect a body mounted warning or emergency lamp, 21 amp nominal rating.
5Z5	Hubcap delete (MSRP = \$18.00 Credit)Deletes decorative cap at center of wheel.
6C7	Console, roof with reading lamps (MSRP = \$55.00)
6P3	Mirrors, outside rearview, power, non-heated, camper-style (MSRP = \$174.00)
6R2	Mirrors, outside rearview, sail panel mounted wide field of vision, manual adjust, black (MSRP = \$250.00)
7Y9	Battery, Single 770 CCA (MSRP = \$56.00)
7Z1	Horn, high note (MSRP = \$20.00)
8B0	Batteries, 770 CCA with a 600 CCA auxiliary (MSRP = \$190.00)
8C6	Alternator, 145 amp (MSRP = \$140.00)
8E9	Bumper, front, painted white (MSRP = \$45.00)
8F2	Ornamentation, delete (MSRP = No Charge)
8G9	Mirrors, outside, convex combination, stainless steel (MSRP = \$278.00)
8H5	Bumper, delete (MSRP = \$145.00 Credit)
8Q3	Rear seat delete (MSRP = \$375.00 Credit)
8R3	Tire valve stems, brass (MSRP = \$50.00)Provides brass tire valve stems.
8S3	Backup alarm (MSRP = \$103.00)97 decibels back-up alarm.
8V2	Jack and tools delete (MSRP = \$32.00 Credit)
8X1	Label, fasten safety belts (MSRP = \$2.00)
8X5	Alternators, dual 105 amp (MSRP = \$324.00)
9B4	Fuel fill cap with stainless steel tether Standard dual fuel tanks (MSRP = \$30.00) and with RPO (H0Z) Fuel tank delete (MSRP = \$15.00)
9D9	Inside rear view mirror delete (MSRP = \$3.00 Credit)
9F2	Mirror, outside delete (MSRP = \$25.00 Credit)
9F7	Mirrors, outside driver and passenger side West Coast type (MSRP = \$125.00)Provides large West Coast style mirrors with spring loaded pre-set feature.
9H5	Roof marker lamp delete (MSRP = No Charge)
9L4	Power supply, 12 volt (MSRP = \$168.00)
9N8	Mirrors, auxiliary dual spot convex, stainless steel (MSRP = \$50.00)
9R0	Sound system, ETR AM/FM stereo with cassette (MSRP = \$150.00) with Work Truck and (MSRP = No Charge) with LS or LT1 Decor

2006 Chevrolet Truck Silverado 3500 CC RPO CODES

Option Code	Description
9B3	Sound system, delete (MSRP = No Charge)
9S1	Seats, front buckets
9S1	Seats, individual vinyl (MSRP = -\$282.00 Credit) on LS Decor and (MSRP = No Charge) on Work Truck Decor
9U3	Seats, cloth bucket (MSRP = No Charge) with Work Truck and (MSRP = -\$282.00) with LS Decor
9U4	Remote keyless entry (MSRP = \$170.00)
9V5	Paints, solid (MSRP = No Charge), Woodland Green
9V9	Paints, solid (MSRP = No Charge), Doeskin Tan
9W3	Paints, solid (MSRP = No Charge), Wheatland Yellow
9W4	Paints, solid (MSRP = No Charge), Tangler Orange
A31	Windows, power
A95	Seats, front reclining buckets
AE7	Seats, front 40/20/40 split-bench
AE7	Seats, front 40/20/40 split-bench, 3-passenger
AG1	Seat adjuster, power, driver 6-way
AJ1	Glass, Solar-Ray deep tinted
AU0	Keyless entry, remote
AU3	Door locks, power
B30	Floor covering, color-keyed carpeting
B71	Wheel flares, front only
BG9	Floor covering, rubberized vinyl, Black
C42	Air conditioning delete
C49	Defogger, rear-window, electric
C7L	GWR, 12,000 lbs. (5443 kg)
C7W	GWR, 11,400 lbs. (5171 kg)
CJ2	Air conditioning, dual-zone, automatic
CJ3	Air conditioning, dual-zone, manual
D07	Console, floor
D44	Mirrors, outside rearview, foldaway, manual, Black
DF2	Mirrors, outside rearview, foldaway, manual, camper-style
DF5	Mirror, inside rearview
DG5	Mirrors, outside rearview
DK7	Console, overhead mini
DL8	Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending
DPN	Mirrors, vertical camper, outside rearview, power adjustable glass, heated, manual folding and extending
FE9	Emissions, Federal requirements
G80	Differential, locking, heavy-duty, rear
GT4	Rear axle, 3.73 ratio
GT5	Rear axle, 4.10 ratio
GTY	Rear axle, wide-track
K05	Engine block heater
K34	Cruise control
K47	Air cleaner, high-capacity
K65	Alternator, dual 105 amps
K68	Alternator, 105 amps
KG4	Cooling, external engine oil cooler
KG3	Alternator, 145 amps

2006 Chevrolet Truck Silverado 3500 CC RPO CODES

Option Code	Description
KL5	Alternative fuel conversions, conversion-ready engine
KNP	Cooling, external transmission oil cooler
L18	Engine, Vortec 8100 V8 SFI
LLY	Engine, Duramax 6600 Turbo Diesel V8
LQ4	Engine, Vortec 6000 V8 SFI
ML6	Transmission, 6-speed manual, heavy-duty
MT1	Transmission, 4-speed automatic, heavy-duty
MW3	Transmission, 5-speed manual
MW7	Transmission, Allison 1000 6-speed automatic
NB8	Emissions override
NC7	Emissions override, Federal
NE1	Emissions, Maine, Massachusetts, New York or Vermont state requirements
NP1	Transfer case, electronic shift
NP2	Transfer case, floor-mounted shifter
NP5	Steering wheel, leather-wrapped rim
NQZ	Fuel tank delete, rear
NZZ	Skid Plate Package
P06	Wheels, 6 - 16" x 6.5" (40.6 cm x 16.5 cm) 8-lug steel
PDB	OnStar Plus Package
PDN	Heavy-Duty Power Package, includes (LLY) Engine
R6Q	OnStar Plus Package discount not desired
T96	Fog lamps, front
TGK	Solid PaintSEO solid paint, one color
TP2	Battery, auxiliary heavy-duty, 600 cold-cranking amps
TQ3	Battery, heavy-duty dual, 770 cold-cranking amps
TR3	Grille, color-keyed surround
TS9	Lamp,
U01	Lamps, amber roof marker
U2K	Sound system feature, XM Satellite Radio
UB0	Sound system, ETR AM/FM stereo with CD player
UC6	Sound system, ETR AM/FM stereo with 6-disc CD changer
UE1	OnStar
UK3	Sound system feature, steering wheel mounted radio controls
UM7	Sound system, ETR AM/FM stereo
UQ3	Sound system feature, audio speakers
UQ5	Sound system feature, 4-speakers
UQ7	Sound system feature, Bose Premium speaker system
V10	Covers, radiator grille and front bumper openings
V76	Recovery hooks, front, frame-mounted
VAB	Ship Thru for Models C*36**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to NBC Truck Equipment
VAY	Ship Thru for Models C*36**3 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to K&B Mounting
VBK	Ship Thru for Models C*36**3 (MSRP = \$210.00) Produced in Pontiac Assembly and shipped to Ft. Wayne Fleet Equipment
VCL	Emissions Certification, CFF (Clean Fuel Fleet) LEV (Low Emission Vehicle).
VFI	Ship Thru for TDM Vehicle Management (MSRP = W/A)
VG3	Bumper, front, chrome
VGH	Ship Thru for Models C*36**3 (MSRP = \$105.00) Produced in Pontiac Assembly and

2008 Chevrolet Truck Silverado 3500 CC RPO CODES

Option Code	Description
VGZ	Ship Thru for Models C-360*3 and CK36403 (MSRP = \$105.00) Produced in Pontiac Assembly and shipped to Canfield
WVS	Ship Thru for Models C-36*3 (MSRP = \$275.00) Produced in Pontiac Assembly and shipped to Buckeye Truck Equipment
VYC	Ship Thru for Models C-36*3 (MSRP = \$115.00) Produced in Pontiac Assembly and shipped to Knapheide Truck Equipment
VYS	Ship Thru for Models C-360*3 and CK36403 (MSRP = \$100.00) Produced in Pontiac Assembly and shipped to Mastereck Truck Equipment
VYU	Snow Plow Prep Package
XEC	Tires, LTZ15/85R16E, all-season, blackwall
XEF	Tires, LTZ15/85R16D, on/off-road, blackwall
XYK	Tires, LTZ15/85R16D, all-season, blackwall
YF2	Ambulance Package
YF5	Emissions, California state requirements
Z85	Suspension Package, Handling/Trailerling
ZEC	Tire, spare LTZ15/85R16E, all-season, blackwall
ZEF	Tire, spare LTZ15/85R16E, on/off-road, blackwall
ZW9	Body, Chassis Cab
ZY1	Paint, solid
ZYK	Tire, spare LTZ15/85R16D, all-season, blackwall