





ORIGINAL

MOTOR VEHICLE

Specifications

METRIC (U.S. Customary)

Passenger Car

1984

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CHEVROLET	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MI 48090	Issued SEPTEMBER, 1983	Revised

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of completion and are subject to change without manufacturer.
4. Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") available from the manufacturer.

VMA Specifications Form
Passenger Car
TRIC (U.S. Customary)

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) _____

Car Models

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load—Kilograms (Pounds)
<u>Rear Wheel Drive</u> Chevrolet		Model Number	Front/Rear-3rd	
<u>Impala</u>				
4-Door Sedan		1B169	3 3	90.7 (200.0)
<u>Caprice Classic</u>				
4-Door Sedan		1BN69	3 3	90.7 (200.0)
2-Door Coupe		1BN47	3 3	90.7 (200.0)
4-Door Station Wagon, 3-Seat		1BN35	3 3-2	0 (0)

NOTE: Any Specifications on the following pages specific to California requirements are indicated accordingly.

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Power Teams (Indicate whether standard or optional)

SAE J1349 Net bhp (brake horsepower) and net torque connected to 77° F/25° C and 29.61 in. Hg/100 Kpa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					E x h a u s t S/D	TRANSMISSION TRANSAXLE	AXLE RATIO (std. first)
	Displ. Liters (in ³)	Carb. (Barrels, FI, etc.)	Compr Ratio	SAE Net at RPM				
				kW (bhp)	Torque N - m (lb. ft.)			
Base - All except California Sedans	V6 3.8Liter (229CID) LC3	2	8.6:1	110 @ 4000	190 @ 1600	S	Auto '250c' - Base	2.73/3.23
Base - California only - Sedans	V6 3.8Liter (231CID) LD5	2	8.0:1	110 @ 3800	190 @ 1600	S	Auto '250c' - Base	2.73/3.23
Available - All States Sedans	V8 5.0Liter 4 (305CID) LG4		8.6:1	150 @ 4000	240 @ 2400	S	Auto '700-R4' Base	2.73/3.08*
Base - All States Station Wagons							Auto '700-R4' Base	
Available - All Exc. California Sedans	V8 5.7Liter Inj (350CID) Die- LF9@ sel	Fuel Inj Diesel	22.1:1	105 @ 3200	200 @ 1600	S	Auto '200c' - Base	2.41
Station Wagons							Auto '200-4R' Optional	2.93
							Auto '200-4R' Base	2.93
<p>* - 3.08 optional axle not available in California. @ - Air conditioning mandatory with Altitude Emission Systems, RPO NA6. Unique Altitude vs. Federal engine package.</p>								

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised 9-83

Engine Description/Carb. Engine Code	3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
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ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sonic, donec, ohv, hemi, wedge, pre-camber, etc.)	90° "V" - Front - Longitudinal	
Number of mounting points	Two - Front One - Rear	
No. of cylinders	6	
Bore	94.92 (3.736)	96.5 (3.80)
Stroke	88.39 (3.48)	86.4 (3.40)
Bore spacing (c/l to c/l)	111.8 (4.40)	107.7 (4.24)
Cylinder block material	Cast alloy iron	
Cylinder block deck height	229.2 (9.025)	242.8 (9.56)
Deck clearance (minimum) (above or below block)	.635 (.025) below	1.91 (.075)
Cylinder head material	Cast alloy iron	
Cylinder head volume (cm ³)	Not Applicable	
Head gasket thickness (compressed)	.533 (.021)	
Minimum combustion chamber total volume (cm ³)	Not Available	87.6 (5.35)
Cyl. no system (front to rear)*	L Bank	1-3-5
	R Bank	2-4-6
Firing order	1-6-5-4-3-2	
Recommended fuel (leaded unleaded diesel)	Unleaded	
Fuel antiknock index (R - M)	87	--
Total dressed engine mass (wt) dry**	205.6 (453.2)	207.3 (457.0)

Engine - Pistons

Material & mass, g (weight, oz) piston	Cast aluminum alloy 502 (17.71)	Cast aluminum alloy 508 (17.92)
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Engine - Camshaft

Location	In block above crankshaft	
Material (kg weight lbs)	Cast alloy iron 3.171 (6.99)	Cast alloy iron 3.097 (6.83)
Drive type	Chain/belt	Chain
	Width/pitch	15.87 (.625)/12.7 (.500)

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following:

All those items necessary to make the engine a complete ready-to-run unit.

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Car Line CHEVROLET
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Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9
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ENGINE - GENERAL

Type & description (inline, V, angle, flat location, front, mid, rear, transverse, longitudinal, sonic, donc, ohv, hemi, wedge, pre-camber, etc.)	90° "V" - Front - Longitudinal	
Number of mounting points	Two - Front One - Rear	
No of cylinders	8	
Bore	94.92 (3.736)	103.05 (4.057)
Stroke	88.39 (3.48)	85.98 (3.385)
Bore spacing (c/l to c/l)	111.8 (4.40)	117.5 (4.625)
Cylinder block material	Cast alloy iron	
Cylinder block deck height	229.4 (9.025)	237 (9.330 +/- .005)
Deck clearance (minimum) (above or below block)	.635 (.025) below	.46 above (.018)
Cylinder head material	Cast alloy iron	
Cylinder head volume (cm ³)	Not Applicable	
Head gasket thickness (compressed)	.533 (.021)	1.17-1.22 (.046-.048)
Minimum combustion chamber total volume (cm ³)	Not Available	33.41 (2.039 in ³)
Cyl no system (front to rear)*	L Bank	1-3-5-7
	R Bank	2-4-6-8
Firing order	1-8-4-3-6-5-7-2	
Recommended fuel (leaded, unleaded, diesel)	Unleaded	Diesel #2 summer, #1 winter
Fuel antiknock index (R + M) 2	87	Not Available
Total dressed engine mass (wt) dry**	274.3 (605.0)	315.3 (695.0)

Engine - Pistons

Material & mass, g (weight, oz.) piston	Cast aluminum alloy 502 (17.7)	Aluminum alloy 796.3 (28.08)
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Engine - Camshaft

Location	In block above crankshaft	
Material (kg weight, lbs)	Cast alloy iron 3.969 (8.75)	Steel backed Moraine 100 5.140 (11.33)
Drive type	Chain/belt	Chain
	Width/pitch	15.87 (.625)/12.7 (.500)
		Gear to gear: direct drive 14.48 (.570)/12.7 (.500)

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Dressed engine mass (weight) includes the following:

All those items necessary to make the engine a complete ready-to-run unit.

Aluminum Intake

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Engine - Valve System

Lifters (std., opt., n.a.)	Hydraulic	Standard
	Solid	Not Available

Engine - Connecting Rods

Material & mass (kg., weight lbs.)	1037 or 1038 steel .600 (1.323)	Cast arma steel .680 (1.500)
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Engine - Crankshaft

Material	Nodular cast iron	
Mass (kg., weight lbs.)	17.576 (38.75)	15.980 (35.23)
End thrust taken by bearing (no.)	4	2

Engine - Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	345-488 (50-65) @ 2000	255 (37) @ 2400
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4.0)	

Engine - Diesel Information

Glow plug, current drain at 0°F	
Injector nozzle	Type
	Opening pressure [kPa (psi)]
Pre-chamber design	Not
Fuel injection pump	Manufacturer
	Type
Supplementary vacuum source (type)	Applicable
Fuel heater (yes/no)	
Water separator, description (std., opt.)	
Turbo manufacturer	
Oil cooler	
Oil filter	

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Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9
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Engine - Valve System

Lifters (std., opt., n.a.)	Hydraulic	Standard	Hyd, Roller Lifter
	Solid	--	

Engine - Connecting Rods

Material & mass (kg., weight, lbs.)	1037 or 1038 steel .662 (1.460)	SAE 1140 steel .8365 (1.8)
-------------------------------------	------------------------------------	-------------------------------

Engine - Crankshaft

Material	Nodular Cast Iron	Nodular Iron
Mass (kg., weight, lbs.)	23.360 (51.50)	26.333 (58.05)
End thrust taken by bearing (no.)	5	3

Engine - Lubrication System

Normal oil pressure (kPa (psi) at engine rpm)	345-488 (50-65) @ 2000	207-310 (30-45) @ 1500
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of oil case less filter-refill-L (qt.)	4.5 (5.0)	Service w/Filter 6.6 (7.0)

Engine - Diesel Information

Glow plug, current drain at 0°F		24 amps
Injector nozzle	Type	Poppet
	Opening pressure (kPa (psi))	8450 +/- 690 (1225 +/- 100 PSI)
Pre-chamber design		Side exit
Fuel injection pump	Manufacturer	Stanadyne/cav
	Type	High pressure rotary
Supplementary vacuum source (type)		Mechanical pump
Fuel heater (yes/no)		Yes
Water separator, description (std., opt.)		Not Available
Turbo manufacturer		"
Oil cooler		Engine oil cooler integral w/rad.
Oil filter		Not Available

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• Description/Carb.
 • Code

3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
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Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard			
Coolant fill location (rad., bottle)		Bottle			
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)			
Circulation thermostat	Type (choke, bypass)	Choke			
	Starts to open at °C (°F)	91 (195)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	14			
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
	Bearing (type)	Sealed double row ball			
By-pass recirculation (type (inter., ext.))		Internal		External	
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow, copper-brass, high efficiency radiator			
Cooling system capacity	With heater - L/qt.)	13.46 (14.23)		11.16 (11.80)	
	With air cond. - L/qt.)	13.40 (14.16)		11.08 (11.71)	
	Opt. equipment (specify - L/qt.)	13.46 (14.23) H.D. Radiator		11.14 (11.77) H.D. Radiator	
Water jackets full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		Yes			
Radiator core	Std. A/C HD	Std.	H.D.	Std.	H.D.
	Width	528.3	528.3	528.3	528.3
	Height	429.7	429.7	429.7	429.7
	Thickness	25.0 (1)	25.0	25.0 (1)	25.0
	Fins per inch *	5.0 (2)	3.5	5.0 (2)	3.5
	Std. elec. opt.	Std.	A/C	Std.	
Fan	Number of blades & type (flex solid, material)	4, Steel, Solid	5, Alum., Solid	5, Aluminum, Solid	
	Diameter & projected width	482.6	508.0	508.0	
	Ratio (fan to crankshaft rev)	1.096:1	1.096:1	1.27:1	
	Fan cutout type	--	Clutch	Clutch	
	Drive (type (direct, remote))	V-Belt	V-Belt	V-Belt	
	RPM at idle (elec.)	--	--	--	--
	Motor rating (wattage) (elec.)	--	--	--	--
	Motor switch (type & location) (elec.)	--	--	--	--
	Switch point (temp. pressure) (elec.)	--	--	--	--
	Fan shroud (material)	Plastic	Plastic	Plastic	

- * - Distance between top of fins
- (1) - 40.2 with 3.23 axle
- (2) - 3.0 with 3.23 axle

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Engine Description/Carb.
 Engine Code

3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
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Engine - Fuel System (See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type, carburetor, fuel injection system, etc		Carburetor		
Carburetor	Mfg.	Rochester		
	Choke (type)	Electric		
	Idle spd./rpm (spec. neutral or drive and propane if used)	Manual	Not Available	
		Automatic	Automatically controlled by ECC	Not Available
Idle A/F mix		Preset - no adjustment provided		
Fuel injection	Point of injection (no)	--		
	Constant pulse flow	--		
	Control (electronic, mech)	--		
	System pressure (kPa (psi))	--		
Intake manifold heat control (exhaust or water) thermostatic or fixed		Exhaust		
Air cleaner type	Standard	Replaceable paper element, single snorkel		
	Optional	--		
Fuel pump	Type (elec or mech)	Mechanical	Mechanical	
	Location (eng., tank)	Lower - right front	Left front engine	
	Pressure range (kPa (psi))	31-41 (4.5-6.0)	29.3-39.6 (4.3-5.8)	

Fuel Tank

Capacity (refill) (gallons)		95 (25.0) cpe & sed; 83.3 (22.0) - s.w. (approximately)	
Location (describe)		Underbody behind rear axle	
Attachment		Two straps to underbody	
Material		Steel	
Filler pipe	Location & material	Center, Coupe and sedan; L.R. quarter panel - station wagon	
	Connection to tank	Solder	
Fuel line (material)		Steel	
Fuel hose (material)		Elastomer hose	
Return line (material)		Not Available	
Vapor line (material)		Steel	
Extended range tank	Optional	Not Available	
	Capacity (gallons)	"	
	Location & material	"	
	Attachment	"	
Auxiliary tank	Optional	"	
	Capacity (L (gallons))	"	
	Location & material	"	
	Attachment	"	
	Selector switch or valve	"	
Separate fill		"	

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Car Line CHEVROLET
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Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9
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Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard			
Coolant fill location (rad., bottle)		Bottle			
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)			
Circulation thermostat	Type (choke, bypass)	Choke	Bypass		
	Starts to open at °C (°F)	91 (195)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	14			
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
Bearing (type)		Sealed double row ball			
By-pass recirculation [type (inter., ext.)]		Internal	External		
Radiator core [type (cross-flow vertical cellular tube and fin, other) and material]		Cross flow, copper-brass, high efficiency radiator			
Cooling system capacity	With heater—L(qt.)	14.64 (15.47)	17.13 (18.11)		
	With air cond.—L(qt.)	14.57 (15.4)	17.26 (18.24)		
	Opt. equipment [specify—L(qt.)]	15.33 (16.2), H.D.	17.32 (18.31), H.D.		
Water jackets full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		Yes			
Radiator core	Std., A/C, HD	Std.	A/C	H.D.	Std
	Width	668.0	668.0	668.0	718.8
	Height	429.7	429.7	429.7	429.7
	Thickness	25.0	25.0	40.2	40.2
	Fins per inch *	4.0	4.0	4.0	3.0
Fan	Std. elec. opt.	Std.		A/C / HD	Std.
	Number of blades & type (flex, solid, material)	4, Steel, Solid		5, Alum., Solid	5, Aluminum, Solid
	Diameter & projected width	482.6		508.0	482.6
	Ratio (fan to crankshaft rev.)	1.096:1		1.25:1	1.32:1
	Fan cutout type	--		Clutch	Clutch
	Drive [type (direct, remote)]	V-Belt		V-Belt	V-Belt
	RPM at idle (elec.)	--		--	--
	Motor rating (wattage) (elec.)	--		--	--
	Motor switch (type & location) (elec.)	--		--	--
	Switch point (temp., pressure) (elec.)	--		--	--
Fan shroud (material)		Plastic	Plastic	Plastic	

* - Distance between top of fins

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Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9
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Engine - Fuel System (See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type, carburetor, fuel injection system, etc.		Carburetor	Fuel Injection	
Carburetor	Mtgr	Rochester	Not Available	
	Choke (type)	Electric	"	
	Idle spd -rpm ispec neutral or drive and propane if used:	Manual	Not Available	"
		Automatic	500 RPM (Drive)	"
Idle A/F mix		Preset - no adjustment provided	"	
Fuel injection	Point of injection (no.)	--	Cylinder head, pre-chamber	
	Constant pulse flow	--	Pulse	
	Control (electronic, mech.)	--	Mechanical	
	System pressure (kPa (psi))	--	6900 kPa +/- 690 (100 +/- 100)	
Intake manifold heat control (exhaust or water) thermostatic or fixed		Exhaust	Not Available	
Air cleaner type	Standard	Replaceable paper element, single snorkel		
	Optional	None		
Fuel pump	Type (elec or mech)	Mechanical	Mechanical	
	Location (eng. tank)	Lower - right front	Right - front engine	
	Pressure range (kPa (psi))	38.0-48.5 (5.5-7.0)	38-45 (5.5-6.5)	

Fuel Tank

Capacity (refill) (gallons)		95 (25.0) cpe & sed (A); 83.3 (22.0) - s.w. (approximately)
Location (describe)		Underbody behind rear axle
Attachment		Two straps to underbody
Material		Steel
Filler pipe	Location & material	Rear - coupe and sedan; L.R. quarter panel - station wagon
	Connection to tank	Solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Opt. n.a.		None
Extended range tank	Opt. n.a.	Not Available
	Capacity (L (gallons))	"
	Location & material	"
Auxiliary tank	Attachment	"
	Opt. n.a.	"
	Capacity (L (gallons))	"
	Location & material	"
	Attachment	"
Selector switch or valve		"
Separate fill		"

(A) - Diesel coupe and sedan - 98.4 (26.0)

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Engine Description/Carb.
 Engine Code

3.8 Liter V6 (229 CID)	3.8 Liter V6 (231 CID)
2-Bbl. Carburetor	2-Bbl. Carburetor
RPO LC3	RPO LD5

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air injection w/Computer Command Control		
	Air Injection	Pump or pulse	Pump vane		
		Driven by	V-Belt		
		Air distribution (head manifold etc)	Exh. manifold & cat. converter	Cylinder heads & catalytic converter	
		Point of entry	Exh. manifold takedown	Intake manifold	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width, modulated	Controlled flow	
		Exhaust source	Manifold exhaust crossover		
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold		
	Catalytic Converter	Type	Dual bed (a)	Single bed (a)	
		Number of	One		
Location(s)		Beneath RE underbody			
Volume (L (in ³))		2.78 (169.8)			
Substrate type		Monolith			
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system		
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum		
	Discharges to intake manifold, other)		Inlet manifold		
	Air filter (breather, cap, other)		Carburetor air cleaner		
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
	Vapor storage provision		Canister		
Electronic system	Closed loop (yes/no)		Yes		
	Open loop (yes/no)		No		

(a) Oxidizing and reduction

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover	
Muffler no & type (reverse flow, straight thru, separate resonator)		One, Reverse flow	
Resonator no & type		None	
Exhaust pipe	Branch o.d. wall thickness	50.8 x 1.14 (2.0 x .045) (b)	50.8x.8 (2.0x.03) (b)
	Main o.d. wall thickness	57.15 x 1.8 (2.25 x .071) (a)	57.15 x 1.02 (a)
	Material	--	--
Inter-mediate pipe	o.d. & wall thickness	57.15 x 1.4 (2.25 x .055)	50.8x1.09 (2.0x.043)
	Material	Steel tubing	Aluminum coated steel
Tail pipe	o.d. & wall thickness	50.8 x 1.1 (2.0 x .043)	50.8 x 1.10
	Material	Aluminum coated tubing	Aluminum coated steel

(a) - Stainless steel.

(b) - Laminated tubing - steel inner, stainless steel outer.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9
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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air injection w/ Computer Command Control	Not Applicable
	Air Injection	Pump or pulse	Pump vane	"
		Driven by	V-Belt	"
		Air distribution (head, manifold, etc.)	Exh.manifold & cat.conv.	"
		Point of entry	Exh. manifold takedown	"
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width, modulated	Variable orifice
		Exhaust source	Manifold exhaust crossover	Cylinder head intake manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet manifold	Air crossover
	Catalytic Converter	Type	Dual bed (a)	Not Applicable
		Number of	One	"
Location(s)		Beneath RF underbody	"	
Volume [L (in ³)]		2.78 (169.8)	"	
	Substrate type	Monolith	"	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system	Positive crankcase (induction) ventilation
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	Manifold vacuum
	Discharges to intake manifold, other		Inlet manifold	Intake crossover
	Air inlet (breather cap, other)		Carburetor air cleaner	Breather cap
Evaporative Emission Control	Vapor vented to crankcase canister, other	Fuel tank	Canister	Not Applicable
		Carburetor	Canister	"
	Vapor storage provision		Canister	"
Electronic system	Closed loop (yes/no)		Yes	"
	Open loop (yes/no)		No	"

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover	
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, Reverse flow	
Resonator no. & type		None	One - wagon only
Exhaust pipe	Branch od. wall thickness	50.8x.86 (2.0x.034) (c)	50.8x1.07 (2.0x.042)
	Main od. wall thickness	57.15x1.84 (2.25x.071) (d)	63.5x1.09 (2.5x.043)
	Material	(c) & (d)	Laminated steel tubing
Inter-mediate pipe	od & wall thickness	57.15 x 1.4 (2.25 x .055)	57.15x1.09 (wagon only)
	Material	Steel tubing	Aluminized (wagon only)
Tail pipe	od & wall thickness	(e)	57.15x1.09 (2.25x.043) (f)
	Material	Alum. coated steel tubing	

- (a) - Oxidizing and reducing.
- (c) - Laminated tubing - steel inner, stainless steel outer.
- (d) - Stainless steel tubing
- (e) - 57.15x1.4 (2.25x.055) for sedan with 2.73 axle and for wagons; 50.8x1.1 (2.0x.043) for sedan with 3.08 axles.
- (f) - 57.15 x 1.22 for wagons.

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised # 9-83

Engine Description/Carb. Engine Code	3.8L V6 229 CID RPO LC3	3.8L V6 231 CID RPO LD5	5.0L V8 305 CID RPO LG4	5.7L V8 350 CID RPO LF9
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Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.)	Not Available			
Manual 4-speed (std., opt., n.a.)	"			
Manual 5-speed (std., opt., n.a.)	"			
Manual overdrive (std., opt., n.a.)	"			
Automatic (std., opt., n.a.)	Standard			
Automatic overdrive (std., opt., n.a.)	Not available	Not available	Standard	Optional for Cpe, Sed Standard for Sta Wag

Manual Transmission/Transaxle

Number of forward speeds			
Transmission ratios	In first		
	In second		
	In third		
	In fourth		
	In fifth		
	In overdrive		
	In reverse	Not Available	
Synchronous meshing (specify gears)			
Shift lever location			
Lubricant	Capacity (L (pt))		
	Type recommended		
	SAE viscosity number	Summer	
		Winter	
Extreme cold			

Clutch (Manual Transmission)

Make & type		
Type pressure plate springs		
Total spring load (N (lb))		
No. of clutch driven discs		
Clutch facing	Material	
	Manufacturer	
	Part number	Not Available
	Rivets-plate	
	Rivet size	
	Outside & inside dia	
	Total eff. area (cm ² (in ²))	
	Thickness	
Engagement cushion method		
Release bearing	Type & method of lubrication	
Torsional damping	Method: springs friction material	

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Engine Description/Carb. Engine Code	3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
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Automatic Transmission/Transaxle (See Power Teams for transmission usage)

Trade name	3-Speed Automatic		
Type and special features (describe)	Torque converter with planetary gears '250c' '200c'		
Selector	Location	Steering column	
	Ltr/No designation	P-R-N-D-2-1	
Gear ratios	R	1.93	2.07
	D	1.00*	1.00*
	L ₃	1.52	1.57
	L ₂	2.52	2.74
	L ₁	Not Available	
Max upshift speed - drive range (km/h (mph))	1-2=72(45), 2-3=116(72)	1-2=72(45), 2-3=128(79.5)	
Max kickdown speed - drive range (km/h (mph))	3-2=109(68), 2-1=64 (40)	3-2=122(76), 2-1=64(39.7)	
Min overdrive speed (km/h (mph))	Not Available	Not Applicable	
Torque converter	Number of elements	3	
	Max ratio at stall	Not Available	1.91:1
	Type of cooling (air, liquid)	liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (pt.))	2.8 (6.0)	3.0 (6.3)
	Type recommended	Dexron II	
Oil cooler (std., opt., NA, internal, external, air, liquid)	Standard, integral with radiator		

Axle or Front Wheel Drive Unit

Type (front, rear)	Rear			
Description	Semi-floating axle, overhung hypoid drive pinion and ring gear			
Limited slip differential (type)	Disc clutch			
Drive pinion offset	7.5" R.G.-38.1 (1.50); 8.50" R.G.-44 (1.75)			
Drive pinion (type)	Hypoid gear			
No of differential pinions	Two			
Pinion adjustment (shim, other)	Shim			
Pinion bearing ad; (shim, other)	Collapsible Sleeve			
Driving wheel bearing (type)	Direct or Single Row Cylindrical			
Lubricant	Capacity (L (pt.))	7.50" R.G.-1.6 (3.5); 8.50" R.G. 2.0 (4.3)		
	Type recommended	GL-5 Gear Lubricant		
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	80W or 80W-90	
		Extreme cold	80W or 80W-90	

Axle or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage.)

Axle ratio (or overall top gear ratio) (:1)	2.73	3.23	
No of teeth	Pinion	15	15
	Ring gear or gear	41	41
Ring gear od mm (in)	191 (7.50) (a)	222 (8.75)	
Transaxle	Transfer gear ratio	--	
	Final drive ratio	--	

(a) - Limited slip differential - 216 (8.50).
 * - Converter clutch engagement

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Car Line CHEVROLET
 Model Year 1984 issued 7-83 Revised 9-83

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Fuel Injection Diesel RPO LF9
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(See Power Teams for transmission usage)

Automatic Transmission/Transaxle

Trade name	4-Speed Automatic	3-Speed Auto.		
Type and special features (describe)	Torque converter with planetary gears '700-R4' '200-4R' '200c'			
Selector	Steering column			
Location	P-R-N-D -D-2-1			
Ltr. No designation	P-R-N-D-2-1			
Gear ratios	R	2.29	2.07	2.07
	D	1.00*	1.00*	1.00*
	2	1.63*	1.57	1.57
	1	3.06	2.74	2.74
	Overdrive	0.70*	0.67	Not avail.
Max upshift speed - drive range (km/h (mph))	1-2=60(37.5), 2-3=(108(67))		Not Avail.	1-2=69(43), 2-3=113(70)
Max kickdown speed - drive range (km/h (mph))	3-2=100(62), 2-1=45(28)		"	3-2=107(66.5), 2-1=60(37)
Min overdrive speed (km/h (mph))	67 (41.5)		"	Not Applicable
Torque converter	Number of elements	3		
	Max ratio at stall	5.8:1	Not Available	1.91:1
	Type of cooling (air/liquid)	Liquid		
	Nominal diameter	298 (11.75)		
Lubricant	Capacity (refill L (pt))	3.0 (6.0)		
	Type recommended	Dexron II		
Oil cooler (std. opt. NA. internal, external, air liquid)	Standard, integral with radiator			

Axle or Front Wheel Drive Unit

Type (front/rear)	Rear			
Description	Semi-floating axle, overhung hypoid drive pinion and ring gear			
Limited slip differential (type)	Disc clutch			
Drive pinion offset	7.5" P.G.-38.1 (1.50); 8.50" R.G.-44 (1.75)			
Drive pinion (type)	Hypoid gear			
No. of differential pinions	Two			
Pinion adjustment (shim/other)	Shim			
Pinion bearing adj. (shim/other)	Collapsible Sleeve			
Driving wheel bearing (type)	Direct or Single Row Cylindrical			
Lubricant	Capacity (L (pt))	7.5" R.G.-1.6 (3.5); 8.50" R.G. 2.0 (4.3)		
	Type recommended	GL-5 Gear Lubricant		
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	80W or 80W-90	
Extreme cold		80W or 80W-90		

Axle or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage)

Axle ratio (or overall top gear ratio)	2.41	2.73	3.08	2.93
No. of teeth	Pinion	17	15	13
	Ring gear or gear	41	41	40
Ring gear od	191(7.50)(a)	191(7.50)(b)		
Transaxle	Transfer gear ratio	--		
	Final drive ratio	--		

- * - Converter clutch engagement
- (a) - Limited slip differential - 216 (8.50)
- (b) - Limited slip wagon - 216 (8.50)

MVMA Specifications Form
Passenger Car
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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*)

Engine Description/Carb.
 Engine Code

3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
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Propeller Shaft – Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube	
Outer diam. x length* x wall thickness	Manual 3-speed trans	Not Available	
	Manual 4-speed trans	"	
	Manual 5-speed trans	"	
	Overdrive	"	
	Automatic transmission	(1)	(2)
Inter-mediate bearing	Type (plain anti-friction)	None	
	Lubrication (fitting prepack)	--	
Slip yoke	Type	Splined	
	Number of teeth	27	
	Spline od	29.858-29.883 (1.1755-1.1765)	
Universal joints	Make and mfg no	Front	Saginaw 44
		Rear	Saginaw 44
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt clamp, etc.)	Strap & bolt	
	Bearing	Type (plain, anti-friction)	Anti-friction
Lubric. (fitting, prepack)		Prepacked	
Drive taken through (torque tube, arms or springs)		Control arm	
Torque taken through (torque tube, arms or springs)		Torque tube	

* Centerline to centerline of universal joints, or to centerline of rear attachment
 (1) 69.9x1484.9x1.65mm (2.75x58.46x.065 in) without Limited Slip Differential,
 76.2x1464.3x1.65mm (3.0x57.65x.065 in) with Limited Slip Differential or 3.23 axle,
 (2) 82.6x1464.3x1.65mm (3.25x57.65x.065 in) 2.73 axle with Limited Slip Differential,
 3.23 axle with and w/o Limited Slip Differential,
 82.6x1484.9x1.65mm (3.25x58.46x.065 in) 2.73 axle without Limited Slip Differential.

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised 9-83

Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.7 Liter V8 (350 CID) Diesel Fuel Injection RPO LF9

Propeller Shaft - Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc)		Straight tube	
Outer diam x length x wall thickness	Manual 3-speed trans	Not Available	
	Manual 4-speed trans	"	
	Manual 5-speed trans	"	
	Overdrive	"	
	Automatic transmission	(3)	(4)
Inter-mediate bearing	Type (plain anti-friction)	None	
	Lubrication (fitting, prepack)	--	
Slip yoke	Type	Splined	
	Number of teeth	27	
	Spline od	29.858-29.883 (1.1755-1.1765)	
Universal joints	Make and mfg no	Front	Saginaw 44
		Rear	Saginaw 44
	Number used	Two	
	Type (ball and trunnion cross)	Cross	
	Rear attach (u-bolt clamp etc)	Strap & Bolt	
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric (fitting, prepack)		Prepacked	
Drive taken through (torque tube, arms or springs)		Control Arm	
Torque taken through (torque tube, arms or springs)		Control Arm	

(3) 76.2x1410.7x1.65mm (3.0x55.45x.065 in) 2.73 axle without Limited Slip Differential.
 76.2x1384.0x1.65mm (3.0x54.49x.065 in) 2.73 axle with Limited Slip Differential.
 * Centerline to centerline of universal joints, or to centerline of rear attachment
 3.08 axle with and w/o Limited Slip Differential.
 All Station Wagons.

(4) 69.9x1484.9x1.65 - Sedan & Coupe without Limited Slip.
 76.2x1464.3x1.65 - Sedan & Coupe with Limited Slip.
 - All Station Wagons.

VMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or
 Engine Displacement

Sedans & Coupe	Station Wagon
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Suspension - General

Steering	Std./opt./n.a.	Not Available	Optional (rear only)
	Type (air, hyd., etc.)	"	Air
	Manual/auto controlled	"	Manual
Provision for brake dip control		Front suspension geometry	
Provision for accel. squat control		Rear suspension geometry	
Special provisions for jacking		Side lift frame jack body bolt access holes on each side of frame about 2 feet from each wheel centerline	
Shock absorber front & rear	Type	Direct, double acting, hydraulic	
	Make	Delco	
	Piston diameter	25 (1.0)	
	Rod diameter	13.49 (0.53)	

Suspension - Front

Name and description		Independent - SLA	
Level	Full bounce	90.3mm (3.56 in)	
	Full rebound	197.7mm (4.24 in)	
Sizing	Type (coil, leaf, other)	Coil	
	Material	Steel alloy	
	Size (coil design height & i.d., bar length x dia.)	241.3x102.9x3347.15.8 (9.5x4.05x131.7x0.622)	241.3x114.3x2743.2x26.8 (9.5x4.50x108.0x0.660)
	Spring rate [N/mm (lb./in.)]	V6-47.0(268.0)V8-52.5(300.0)	All exc. LF9-64.0(366.0)w/LF9-70.0(400.0)
	Rate at wheel [N/mm (lb./in.)]	V6-13.8(79.0)V8-15.5(88.0)	All exc. LF9-18.7(107.0)w/LF9-20.0(114.0)
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	Steel-26(1.0); 29(1.14)(a)	Steel-28 (1.1)

Suspension - Rear

Name and description		Salisbury 4-link	
Name and torque taken through		Control arms	
Level	Full bounce	123.0mm (4.8 in)	105.0mm (4.1 in)
	Full rebound	114.0mm (4.5 in)	108.0mm (4.2 in)
Sizing	Type (coil, leaf, other)	Coil	
	Material	Steel alloy	
	Size (length x width, coil design height & i.d., bar length & dia.)	254x139.7x2961.3x13.44 (10.0x5.5x116.6x0.529)	254x139.7x2585.7x15.5 (10.0x5.5x101.8x0.069)
	Spring rate [N/mm (lb./in.)]	17.5(100.0),w/F40&41-27.1(155.0)	28.9(165.0),2/F40-36.8(210.0)
	Rate at wheel [N/mm (lb./in.)]	19.4(110.0),w/F40&41-27.2(155.0)	29.9(171.0),w/F40-35.3(202.0)
Mounting insulation (type)		--	
Stabilizer	No of leaves	--	
	Shackle (comp or tens.)	--	
Stabilizer	Type (link, linkless, frameless)	Link (a)	None
	Material & bar diameter	Steel - 21.8 (0.86)	--
Shock bar (type)		None	

(a) Used with RPO F41 sport suspension

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or
 Engine Displacement

Sedans & Coupe

Station Wagon

Brakes - Service

Description		Single caliper disc front, duo-servo drum rear.		
Brake type (std., opt., n.a.)	Front (disc or drum)	Disc		
	Rear (disc or drum)	Drum		
Self-adjusting (std., opt., n.a.)		Standard		
Special valving	Type (proportion, delay, metering, other)	Metering and Proportioning		
Power brake (std., opt., n.a.)		Standard		
Booster type (remote, integral, vac., hyd., etc.)		Integral low - vacuum warning switch	Hydraulic	
Vacuum source (inline, pump, etc.)		Inline (Intake Manifold)	--	
Vacuum reservoir (volume in 3)		--	--	
Vacuum pump-type (elec., gear driven, belt driven, if other so state)		--	--	
Anti-skid device type (std., opt., n.a.) (F/R)		Not Available		
Effective area [cm ² (in. ²)]*		648 (100.5)	717 (111.1)	
Gross lining area [cm ² (in. ²)]** (F/R)		717 (111.1)	792 (122.9)	
Swept area [cm ² (in. ²)]*** (F/R)		2127 (329.8)	2420 (375.1)	
Rotor	Outer working diameter	F/R	279.1 (11.0)/--	
	Inner working diameter	F/R	177.8 (7.0)/--	
	Thickness	F/R	26.2 (1.03)/--	
	Material & type (vented/solid)	F/R	Cast Iron, Vented/--	
Drum	Diameter (nominal)	F/R	--/241.3 (9.5)	
	Type and material	F/R	--/Cast Iron Fined	
Wheel cylinder bore		74.7 (2.94)/22.22 (.875)	74.7 (2.94)/23.81 (.9374)	
Master cylinder	Bore/stroke	F/R	28.6 (1.13)/39.6 (1.56)	
Pedal arc ratio		3.5:1		
Line pressure at 445 N (100 lb) pedal load [kPa (psi)]				
Lining clearance per shoe		F/R	Self-adjusting/Self-adjusting	
Brake lining	Front wheel	Bonded or riveted (rivets/seg)		Riveted; 8
		Rivet size		5.33 x 9.12 (.210 x .359)
		Manufacturer		Delco Moraine
		Lining code		
		Material		Molded asbestos
		****	Primary or out-board	137 x 48.8 x 11.81 (5.40 x 1.92 x 0.465)
	Size	Secondary or in-board	137 x 48.8 x 11.81 (5.40 x 1.92 x 0.465)	
	Shoe thickness (no lining)		Inboard 15.75 (.620); Outboard 14.0 (.550)	
	Rear wheel	Bonded or riveted (rivets/seg)		Riveted; 10-primary, 12-secondary
		Manufacturer		Inlite
		Lining code		
		Material		Molded asbestos
****		Primary or out-board	192.5x50.8x4.98 (7.58x2.0x.196) 225x50.8x5.6 (8.86x2.0x0.22)	
Size		Secondary or in-board	249.7x50.8x6.73 (9.83x2.0x.265) 291.0x50.8x6.6(11.5x2.0x0.26)	
Shoe thickness (no lining)		Prim-7.6(.301); Sec-9.4(.370) Prim 8.3(.330); Sec-9.1(.370)		

* Excludes rivet holes, grooves, chamfers, etc.

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by Pi/2 for each brake.)

**** Size for drum brakes includes length x thickness.

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Body Type And/Or Engine Displacement	Sedans & Coupe	Station Wagon

Tires And Wheels (Standard)

Tires	Size (load range, ply)	P205/75R15 (B/W, W/W*)		P225/75R15 (B/W, W/W*)	
	Type (bias, radial, etc)	Steel belted radial			
	inflation pressure (cold) for recommended max vehicle load	Front (kPa (psii))	204 (35)	205 (30)	
		Rear (kPa (psii))	204 (35)	240 (35)	
	Rev/mile—at 70 km/h (45 mph)	478	458		
Wheels	Type & material	Short spoke disc, steel			
	Rim (size & flange type)	15 x 6	15 x 7		
	Wheel offset	5.08-8.13 (0.20-0.32)		7.5 (0.30)	
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	120.6 (4.75)	127.0 (5.00)	
Number & size		5-7/16-20 UNF-2B hex nuts	5-1/2-20 UNF-2B hex nuts		
Spare	Tire and wheel (same, if other describe)	16x4 compact spare, T125/80D16 (without positraction) 16x4 compact spare, T145/80D16 (with Positraction and wagons)			
	Storage position & location (describe)	Sedans-horizontal front center of trunk compartment. Station wagon, vertical right rear quarter panel.			

*Sealant tire option available with w/w tire.

Tires And Wheels (Optional)

Size (load range, ply)	
Type (bias radial, etc)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias radial, etc)	
Wheel (type & material)	
Rim (size, flange type and offset)	P225/70R15 (w/w) (+)
Size (load range, ply)	Steel belted radial
Type (bias radial, etc)	Short spoke disc, steel
Wheel (type & material)	15x7; 5.08-8.13 (0.20-0.32)
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias radial, etc)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel (if configuration is different than road tire or wheel describe optional spare tire and/or wheel location & storage position)	

Brakes - Parking

Type of control	Foot pedal application; "T" Handle release	
Location of control	Under instrument panel; left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

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Body Type And/Or
 Engine Displacement

Sedans & Coupe	Station Wagon
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Steering

Manual (std., opt., n.a.)		Not available		
Power (std., opt., n.a.)		Standard and includes quick prime feature		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt - universal jointed steering shaft at base of steering wheel - 6 position		
	(Std., opt., n.a.)	Optional		
Wheel diameter	Manual	Not Available		
	Power	387 (15.25)		
Turning diameter m (ft.)	Outside front	Wall to wall (l & r)	13.6 (44.6) 13.8 (45.3)	
		Curb to curb (l. & r.)	11.8 (38.7) 12.1 (39.7)	
	Inside rear	Wall to wall (l & r)	Not Available	
		Curb to curb (l & r.)	"	
Scrub Radius		"		
Manual	Gear	Type	Not Available	
		Make	"	
		Ratios	Gear Overall	" "
	No wheel turns (stop to stop)		"	
	Type (coaxial, linkage, etc.)		Integral gear with power piston & vane type pump	
Power	Make		Saginaw Steering Gear	
	Gear	Type	Semi-reversible recirculating ball nut	
		Ratios	Gear	14:1 (a) 13/16:1 (b)
			Overall	18:1 (a) 18.8:1 on center (b)
	Pump (drive)		'V' belt	
	No wheel turns (stop to stop)		3.16	3.3
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Front	
	Drag links (trans or longit.)		None	
	Tie rods (one or two)		Two	
Steering axis	Inclination at camber (deg)		9.785 @1	
	Bearings (type)	Upper	Ball stud with non-metallic surfaces	
		Lower	Ball stud with non-metallic surfaces	
Thrust		None		
Steering spindle & joint type		"		
Wheel spindle	Diameter	Inner bearing	31.7 (1.25)	
		Outer bearing	19.0 (0.75)	
	Thread (size)		3/4-20	
	Bearing (type)		Tapered roller	

- (a) V8 sedans
- (b) V6 sedans, V8 wagons

**MVMA Specifications Form
Passenger Car
(METRIC (U.S. Customary))**

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or
Engine Displacement

Sedans & Coupe
Station Wagon

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	+2° to +4°
		Camber (deg.)	0° to +1.6°
		Toe-in (outside track-mm (in.))	+0.5° to +0.25° (1/16" to +1/4")
	Service reset*	Caster	+3° +/- 0.5°
		Camber	+0.8° +/- 0.5°
		Toe-in	+0.15 +/- .05° (+1/8" +/- 1/16")
	Periodic M.V. in-spection	Caster	+1° to +5°
		Camber	-0.7° to +2.3°
		Toe-in	-0.15° to +0.55° (-3/16" to +9/16")
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	Not Applicable
		Toe-in (outside track-mm (in.))	"
	Service reset*	Camber	"
		Toe-in	"
	Periodic M.V. in-spection	Camber	"
		Toe-in	"

* Indicates pre-set, adjustable, trend set or other

Electrical - Instruments and Equipment

Speed-ometer	Type	Rectangular dial with pointer (A)
	Trip odometer (std., opt., n.a.)	Optional (A)
EGR maintenance indicator		Not Available
Charge indicator	Type	Tell-Tale warning light (A)
	Warning device	Not Available
Temperature indicator	Type	Tell-Tale warning light (A)
	Warning device	Not Available
Oil pressure indicator	Type	Tell-Tale warning light
	Warning device	Not Available
Fuel indicator	Type	Electric gauge, pointer gauge
	Warning device	Not Available
Wind-shield wiper	Type (standard)	Electric, two-speed
	Type (optional)	Intermittent control type
	Blade length	457.2 (18.0 in)
	Swept area (cm ² (in ²))	6107 (946.8 in ²)
Wind-shield washer	Type (standard)	Push button* fluidic nozzle
	Type (optional)	Not Available
	Fluid level indicator	"
Horn	Type	Vibrator
	Number used	Dual-1BNOO models: one (low note) on 1BLOO models
Other		Restraint system warning light and buzzer. Parking brake and brake failure warning light.

(A) Optional gage package includes circular speedometer, trip odometer, coolant temperature gage, and fuel economy (vacuum) gage for gas models or volt gage for diesel models.

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Car Line CHEVROLET
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Engine Description/Carb. Engine Code	3.8L V6 229 CID RPO LC3	3.8L V6 231 CID RPO LD5	5.0L V8 305 CID RPO LG4	5.7L V8 350 CID RPO LE9
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Electrical - Supply System

Battery	Make	Delco Remy			
	Model, std., (opt.)	70-405(75-500)	70-355(75-500)	75-500	70-405(78-550)
	Voltage	12			
	Amps at 0°F cold crank	405(500)	355(500)	500	810(1100)*
	Minutes-reserve capacity	75 (90)	70 (90)	90	150 (230)*
	Amp/hrs - 20 hr rate	--			
Generator or alternator	Type and rating	37	56	56	@
	Ratio (alt crank:rev.)	2.73:1	2.70:1	2.36:1	2.80:1
	Optional (type & rating)	None			
Regulator	Type	Micro circuit units, integral with alternator			

Electrical - Starting System

Start. motor	Current drain at 0°F	305 @ -20°F	--	420 @ -20°F	800 @ -20°F
Motor drive	Engagement type	Positive shift solenoid			
	Pinion engages from (front, rear)	Rear	Front	Rear	Rear

Electrical - Ignition System

Type	Conventional (std. opt., n.a.)	--			
	Electronic (std. opt., n.a.)	--			
	Other (specify)	High Energy Ignition, (H.E.I.)			
Coil	Make	Delco Remy			
	Model	Integral with distributor			
	Current	Engine stopped - A	--		
Spark plug	Make	AC			
	Model	R45TS	R45TS8	R45TS	Glow plug
	Thread (mm)	14 x 1.25			
	Tightening torque (N-m (lb. ft.))	9-20 (7-15)			
	Gap	1.143(.045)	2.032(.080)	1.143(.045)	--
Distributor	Make	Delco Remy	--	Delco Remy	--
	Model	1110584	--	1103460	--

Electrical - Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor
------------------	--

* - Total of two batteries
 @ - 66 amp with 3-spd. auto. trans., 78 amp with 4-spd. auto. trans.

MVMA Specifications Form
Passenger Car
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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) _____

Body Type	4-Door Sedans 1B169 - 1B169	2-Door Coupe 1B147	4-Door Station Wagon 1B135
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Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Lacquer	
Hood	Hinge location (front, rear)	Rear	
	Type (counterbalance, prop)	4-Link type with spiral spring	
	Release control (internal, external)	Internal	
Trunk lid	Type (counterbalance, other)	Counterbalance	
	Internal release control (elec. mech., n.a.)	Electric - optional	
Hatch back lid	Type (counterbalance, other)	Not applicable	
	Internal release control (elec. mech., n.a.)	Not applicable	
Bumper front	Bar material & mass (wt.)	Steel 13.622 (30.0)	
	Reinforcement material & mass (wt.)	Aluminum 5.244 (11.6)	
Bumper rear	Bar material & mass (wt.)	Steel 12.333 (27.2)	Steel 11.850 (26.1)
	Reinforcement material & mass (wt.)	Aluminum 4.950 (10.9)	Aluminum 16.158 (35.6)
Vent window control (crank, friction, pivot, power)	Front	None	
	Rear	None	
Seat cushion type	Front	Formed full foam pad	
	Rear	Formed full foam pad	
	3rd seat	Formed full foam pad	
Seat back type	Front	Formed full foam pad	
	Rear	Formed full foam pad	
	3rd seat	Formed full foam pad	
Vehicle ident no location		Top left hand instrument panel pad	

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)

Perimeter type, two crossmembers

Glass

Backlight slope angle (deg.)	H121	41.5°	46.0°	32.5°
Windshield slope angle (deg.)	H122	53.5°	54.0°	53.5°
Tumble-Home (deg.)	W122	24.5°	25.5°	24.5°
Windshield glass exposed surface area [cm ² (in ²)]	S1	8619 (1335.9)		
Side glass exposed surface area [cm ² (in ²)]	S2	12004 (1860.6)	10995 (1704.2)	19948 (3091.9)
Backlight glass exposed surface area [cm ² (in ²)]	S3	5278 (818.1)	5567 (862.9)	4661 (722.5)
Total glass exposed surface area [cm ² (in ²)]	S4	25901 (4014.7)	25181 (3903.1)	33228 (5150.3)
Windshield glass (type)		Curved - Laminated Plate		
Side glass (type)		Curved - Tempered Plate		
Backlight glass (type)		Curved - Tempered Plate		

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type	SAE Ref. No.	4-Door Sedans 1BL69	1BN69	2 Door Coupe 1BN47	4-Door Station Wagons 1BN35

Restraint System

Active restraint system	Standard/optional	Standard
	Type and description	3 point shoulder and lap belt for driver and RH front passenger. Lap belt for all other positions.
	Location	Front - (3); Rear - (3); Station Wagon 3rd seat - (2)
Passive seat belts	Standard/optional	Not available
	Power/manual	--
	2 or 3 point	--
	Knee bar/lap belt	--

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car Line CHEVROLET
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Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
 SAE Ref. no. refers to the definition published in SAE Recommended Practice
 J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	4-Door Sedan	4-Door Sedan	2-Door Coupe	4-Door Station Wagon
		1BL69	1BN69	1BN47	1BN35

Width

Tread (front)	W101	1568 (61.7)			1578 (62.2)
Tread (rear)	W102	1542 (60.7)			1628 (64.1)
Vehicle width	W103	1914 (75.4)			2014 (79.3)
Body width at Sg RP (front)	W117	1910 (75.2)			
Vehicle width (front doors open)	W120	3291 (129.6)		4002 (157.6)	3291 (129.6)
Vehicle width (rear doors open)	W121	3470 (136.6)		--	3426 (134.9)

Length

Wheelbase	L101	2945 (116.0)			
Vehicle length	L103	5386 (212.2)	5405 (212.8)*		5464 (215.1)
Overhang (front)	L104	1030 (40.6)	1039.5(40.9)*		1030 (40.6)
Overhang (rear)	L105	1411 (55.6)	1420.5(55.9)*		1489 (58.6)
Upper structure length	L123	2366 (91.3)		2398 (94.4)	3506 (138.0)
Rear wheel C/L "X" coordinate	L127	2475 (97.4)			
Cowl point "X" coordinate	L125	236 (9.3)		239 (9.4)	235 (9.2)

*Rub strips standard equipment on Caprice sedan and coupe.

Height **

Passenger distribution (frt/rear)	PD1.2.3				**
Trunk/cargo load					**
Vehicle height	H101	1433 (56.4)			1475 (58.1)
Cowl point to ground	H114	1000 (39.4)			1007 (39.6)
Deck point to ground	H138	1023 (40.3)			--
Rocker panel-front to ground	H112	233 (9.2)			240 (9.4)
Bottom of door closed-front to grd	H133				
Rocker panel-rear to ground	H111	242 (9.5)			250 (9.9)
Bottom of door closed-rear to grd	H135	297 (11.7)		--	304 (12.0)

Ground Clearance **

Front bumper to ground	H102	306 (12.1)			311 (12.3)
Rear bumper to ground	H104	359 (14.1)	362 (14.3)		300 (11.8)
Bumper to ground (front at curb mass (wt.))	H183	333 (13.1)			332 (13.1)
Bumper to ground (rear at curb mass (wt.))	H105	377 (14.8)	380 (15.0)	380 (15.0)	311 (12.2)
Angle of approach	H106	18.0°			18.3°
Angle of departure	H107	14.0°			12.4°
Ramp breakover angle	H147	14.1°			14.3°
Rear axle differential to ground	H153	192 (7.5)			194 (7.6)
Min. running ground clearance	H156	148 (5.8)			154 (6.1)
Location of min. run. grd clear		Front suspension			

All linear dimensions are in millimeters (inches) and all mass (weight) specifications are in kilograms (pounds).

** All Vehicle Height And Ground Clearances Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.

EPA LOADED VEHICLE WEIGHT Is The Base Vehicle Weight Plus All Coolant And Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVROLET
Model Year 1984 Issued 7-83 Revised (*) _____

Body Type	SAE Ref. No.	4-Door Sedans	2-Door Coupe	4-Door Station Wagon
		1BL69	1BN69	1BN35

Front Compartment

Sg RP front, "X" coordinate	L31	1078 (42.4)		
Effective head room	H61	1003 (39.5)	997 (39.2)	979 (38.5)
Max. eff leg room (accelerator)	L34	1072 (42.2)		
Sg RP (front to heel)	H30	220 (8.7)		
Design H-point front travel	L17	163 (6.4)		
Shoulder room	W3	1536 (60.5)	1546 (60.9)	
Hip room	W5	1398 (55.0)		1400 (55.1)
** Upper body opening to ground	H50	--		
Steering wheel angle	H18	19.0°		
Back angle	L40	26.5°		

Rear Compartment

Sg RP Point couple distance	L50	882 (34.7)	872 (34.3)	844 (33.2)
Effective head room	H63	971 (38.2)	965 (38.0)	964 (38.0)
Min effective leg room	L51	992 (39.1)	972 (38.3)	959 (37.8)
Sg RP (second to heel)	H31	292 (11.5)	269 (10.6)	307 (12.1)
Knee clearance	L48	91 (3.6)	92 (3.6)	51 (2.0)
Compartment room	L3	734 (28.9)	737 (29.0)	720 (28.4)
Shoulder room	W4	1537 (60.5)	1546 (60.9)	1490 (58.7)
Hip room	W6	1405 (55.3)	1464 (57.6)	1398 (55.0)
** Upper body opening to ground	H51			

Luggage Compartment

Usable luggage capacity (L (cu ft))	V1	592L (20.9 cu. ft.)		--
** Lifter height	H195	827 (32.6)		--

All linear dimensions are in millimeters (inches)

** EPA Loaded Vehicle Weight, Loading Conditions

All Interior Dimensions Are Measured With The Seating Reference Point (SgRP) _____ mm
(1 Seat Adjuster Notch) Forward Of Rearmost Seat Position.

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
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METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	Station Wagon - 3 Seat 1BN35
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Station Wagon - Third Seat

Shoulder room	W85	1240 (48.8)
Hip room	W86	1109 (43.7)
Effective leg room	L86	782 (30.8)
Effective head room	H86	948 (37.3)
Effective T-point head room	H89	948 (37.3)
Seat facing direction	SD1	Rearward

Station Wagon - Cargo Space

Cargo length (open front)	L200	2790 (109.8)
Cargo length (open second)	L201	1907 (75.1)
Cargo length (closed front)	L202	2290 (90.2)
Cargo length (closed second)	L203	1407 (55.4)
Cargo length at belt (front)	L204	2129 (83.8)
Cargo length at belt (second)	L205	1222 (48.1)
Cargo width (wheelhouse)	W201	1224 (48.2)
Rear opening width at floor	W203	1238 (48.7)
Opening width at belt	W204	1224 (48.2)
Max rear opening width above belt	W205	988 (38.9)
Cargo height	H201	755 (29.7)
Rear opening height	H202	729 (28.7)
Tailgate to ground height	H250	767 (30.2)
Front seat back to load floor height	H197	--
Cargo volume index - L (cu. ft.)	V2	2488L (87.9 cu. ft.) *
Hidden cargo volume - L (cu. ft.)	V4	

Hatchback - Cargo Space

Front seat back to load floor height	H197	
Cargo length at front seat back height	L208	Not Applicable
Cargo length at floor (front)	L209	
Cargo volume index - L (cu. ft.)	V3	
Hidden cargo volume - L (cu. ft.)	V4	

Aerodynamics*

Wheel lip to ground, front	Not Available
Wheel lip to ground, rear	"
Frontal area	"

* Describe measurement method.

A printed or computer tape supplement containing additional car and body dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

All dimensions are in millimeters (inches).

* V10 - Station wagon cargo volume index - second seat-up
1BN35 - 1428 L (50.4 cu.ft.)

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVROLET

Model Year 1984 Issued 7-83 Revised (*) _____

Body Type	4-Door Sedans		2-Door Coupe	4-Door Station Wagon
	1BL69	1BN69	1BN47	1BN35

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location		
Front	X	Fiducial marks to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.	
	Y	Fiducial mark to centerline of car-front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt.	
	Z	Fiducial mark to horizontal base grid line-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.	
Rear	X	Fiducial mark to vertical base grid line-rear measured horizontally from base grid line to the rear fiducial mark located on rear underbody crossbar.	
	Y	Fiducial mark to centerline of car-rear, width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar.	
	Z	Fiducial mark to horizontal base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar.	
Front	W2*	564 (22.2)	
	L54	2754 (108.4)	
	H81	509 (20.0)	
	H161	348 (13.7)	349 (13.7)
	** H163	325 (12.8)	332 (13.1)
Rear	W22	254 (10.0)	302 (11.9)
	L55	5533 (217.8)	5440 (214.2)
	H82	586 (23.1)	466 (18.2)
	H162	449 (17.7)	331 (13.0)
	** H164	431 (17.0)	319 (12.6)

* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks - September, 1973.
All linear dimensions are in millimeters (inches).

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVROLET
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Body Type	SAE Ref. No.	4-Door Sedans 1BL69	1BN69	2-Door Coupe 1BN47	4-Door Station Wagon 1BN35

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	706.5(27.8)		705.9(27.8)	
		Lowest	705.6(27.8)		705.0(27.8)	
	Taillamp (H:28)	Highest**	707.1(27.8)		727.5(28.6)	
		Lowest	704.4 (27.7)		--	
	Sidemarker	Front	665.0(26.2)		664.4(25.4)	
		Rear	699.0(27.5)		588.7(23.2)	
Distance from C/L of car to center of bulb	Headlamp	Inside	562.0(22.1)	566.0(22.3)	566.0(22.3)	
		Outside**	737.2(29.0)	741.2(29.2)	741.2(29.2)	
	Taillamp	Inside	419.0(16.5)	370.0(14.6)	906.6(35.7)	
		Outside**	775.0(30.5)	779.0(30.7)	916.0(36.1)	
	Directional	Front	721.0(28.4)		721.0(28.4)	
		Rear	775.0(30.5)	779.0(30.7)	916.0(36.1)	
	Headlamp shape		Rectangular			

* Measured at curb mass (weight)
** If single lamps are used enter here

MVMA Specifications Form
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Car Line CHEVROLET
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Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS. kg (weight. lb.)			
	Front	Rear	Total	
Power Front Seat 6-Way (Used with RPO-AG1 or A42.) RPO-AG9	2.6 (5.7)	2.6 (5.7)	5.2 (11.4)	All Models
Reclining Seat Back - Requires RPO - AV7 - R.H. Seat back only. RPO-AT6	5.8 (12.8)	7.2 (15.8)	13.0 (28.6)	1BN00 Models only.
Electric Side Door Lock System RPO-AU3	1.0 (2.2)	0.8 (1.8)	1.8 (4.0)	2-Door Model
	1.3 (4.0)	1.4 (3.1)	3.2 (7.1)	4-Door Models
Front Seat - 50/50 RPO-AV7	.6 (1.3)	.6 (1.3)	1.2 (2.6)	1BN00 Models
Electric Window Control RPO-A31	1.0 (2.2)	0.3 (1.8)	1.8 (4.0)	2-Door Models
	2.4 (5.3)	2.6 (5.7)	5.0 (11.0)	4-Door Models
Trunk Lid Release - Electric-Remote.RPO-A90	0 (0)	.6 (1.3)	.6 (1.3)	1BL69, 1BN47-69.
Deluxe Cargo Area Carpet. (Consists of RPO-B39) RPO-BC5	0 (0)	.6 (1.3)	.6 (1.3)	1BN35
Acoustical Insulation Package (Quiet sound Group.) RPO-BS1	3.6 (7.9)	5.6 (12.4)	9.2 (20.3)	1BL69, Base on 1BN00 models.
Woodgrain Applique and Molding (Body side and Tailgate. Not with RPO-D84.) RPO-BX3	1.2 (2.6)	2.6 (5.7)	3.8 (8.4)	1BN35 Caprice Estate
Power Tailgate Lock (Includes RPO-AU6.) RPO-B1Q	-.2 (-0.4)	1.2 (2.6)	1.0 (2.2)	1BN35
Floor Mats - Front (Color Keyed) RPO-B32	1.6 (3.5)	.6 (1.3)	2.2 (4.8)	All models

* Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*)

Optional Equipment Differential Mass (weight)*

Equipment	MASS. kg. (weight. lb.)			Remarks
	Front	Rear	Total	
Floor Mats - Rear (Color Keyed) RPO-B33	.4 (0.9)	.6 (1.3)	1.0 (2.2)	All models
Carpet - Deluxe Load Floor-Color Keyed RPO-B39	-.4 (-0.9)	2.6 (5.7)	2.2 (4.8)	1BN35
Deluxe Luggage Compartment Trim RPO-B48	0 (0)	2.8 (6.2)	2.8 (6.2)	1B169, 1BN47-69
Body Side Molding (Included in RPO-ZX5) RPO-B84	.2 (0.4)	.6 (1.3)	.8 (1.8)	All models
Door Edge Guards (Not available with RPO-BX3) RPO-B93	.2 (0.4)	0 (0)	.2 (0.4)	All models
Windshield Wipers and Washers - Pulse type RPO-CD4	.2 (0.4)	0 (0)	.2 (0.4)	All models
Vinyl Roof Cover - Full RPO-C09	1.2 (2.6)	2.2 (4.8)	3.4 (7.5)	1B169, 1BN69
Vinyl Roof Cover - Landau RPO-703				1BN47
Electroclear Rear Window Defogger (Consists RPO-K73 or K81) RPO-C49	0 (0)	.6 (1.3)	.6 (1.3)	1B169 - 1BN47 & 69
	0 (0)	.8 (1.8)	.8 (1.8)	1BN35
Air Deflector, Rear Window. (Forces RPO-V55) RPO-C51	0 (0)	8.8 (19.4)	8.8 (19.4)	1BN35
Air Conditioning-Manual Control. (Consists of RPO-K73 or 81) RPO-C60	25.0 (55.1)	1.6 (3.5)	26.6 (58.6)	With 1B169 and RPO-LC3 & LD5
	24.0 (52.9)	1.6 (3.5)	25.6 (56.4)	With 1BN00 and RPO-LC3 & LD5
	28.2 (62.2)	1.6 (3.5)	29.8 (65.7)	With 1B169 and RPO-LG4

* Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*) _____

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight, lb.)			
	Front	Rear	Total	
Air Conditioning - Manual Control (Consists of RPO-K73 or 81) RPO-C60	27.2 (60.0)	1.6 (3.5)	28.8 (63.5)	With 1BNO0 and RPO-L54
	29.6 (65.2)	1.6 (3.5)	31.2 (68.7)	With 1BL69 and RPO-LF9 & LMI
	28.6 (63.1)	1.6 (3.5)	30.2 (66.6)	With 1BNO0 and RPO-LF9
Outside Mirror - Remote Control, LH&RH. Consists of RPO-D33 Chrome Plated RPO-DF3	.8 (1.8)	.4 (0.9)	1.2 (2.7)	All models
Outside Mirror - Remote Control LH only - Chrome Plated. RPO-D33	.4 (0.9)	0 (0)	.4 (0.9)	All models
Outside Sport Mirrors - LH Remote Control, RH Manual Body Color RPO-D35	1.0 (2.2)	.4 (0.9)	1.4 (3.1)	All models
Visor Vanity Mirror - RH Visor-Illuminated. RPO-D64	.4 (0.9)	0 (0)	.4 (0.9)	All models
Outside Sport Mirrors - LH and RH Remote Control Body Color. RPO-D68	1.4 (3.1)	.4 (0.9)	1.8 (4.0)	All models
Sport Suspension Equipment - Front & Rear. Requires RPO-3HK. RPO-F41	3.0 (6.6)	11.4 (25.1)	14.4 (31.7)	1BL69, 1BN47-69
Air Booster Rear Shock Absorbers. RPO-G66	0 (0)	1.0 (2.2)	1.0 (2.2)	1BN35
Cruise Control - 3 Mode (Cruise Master), with Resume Feature. RPO-K34	2.0 (4.4)	.4 (0.9)	2.4 (5.3)	All models
Engine 3.8 Liter 2-Bbl (231 C.I.D.)-V6. RPO-LD5	4.8 (10.6)	1.6 (3.5)	6.4 (14.1)	1BL69, 1BN47-69

* Also see Engine - General Section for dressed engine mass (weight).

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Car Line CHEVROLET
 Model Year 1984 Issued 7-83 Revised (*)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight, lb)			
	Front	Rear	Total	
Engine 5.7 Liter Diesel (350 C.I.D.)V8. RPO-LF9	141.2 (311.3)	-2.4 (-5.3)	138.8 (306.0)	1B169, 1BN47-69
	109.4 (241.2)	-3.4 (-7.5)	106.0 (233.7)	1BN35
Engine 5.0 Liter 4-Bbl. (305 C.I.D.)V8. RPO-LG4	45.8 (101.0)	-1.2 (-2.6)	44.6 (98.3)	1B169, 1BN47-69 & 35
Engine 5.7 Liter 4-Bbl. (350 C.I.D.)V8. RPO-LM1	66.8 (147.3)	5.8 (12.8)	72.6 (160.1)	1B169 - Police only
Automatic Transmission 4-Speed, with Overdrive. RPO-MX0	3.6 (7.9)	5.6 (12.3)	9.2 (20.2)	1B169, 1BN47-69-35.
Tilt Steering Column (Comfortilt. RPO-N33	.8 (1.8)	.2 (0.4)	1.0 (2.2)	All models
Simulated Wire Wheel Covers. RPO-N95	3.6 (7.9)	3.6 (7.9)	7.2 (15.8)	1BN00
Wheel Trim Covers - Sport RPO-PB2	4.2 (9.3)	4.0 (8.8)	8.2 (18.1)	1B169
	3.4 (7.5)	3.4 (7.5)	6.8 (15.0)	1BN47-69
	1.0 (2.2)	1.0 (2.2)	2.0 (4.4)	1BN35
Auxilliary Lighting Group Consists of:	.4 (0.9)	0 (0)	.4 (0.9)	All models
-Underhood Lamp RPO-U26				All
-Ash Tray Lamp RPO-U28				1B169
-I.P. Courtesy Lamps RPO-U29				1B169
-Dome Reading Lamp RPO-C95				1BN00
-Headlamp Reminder Buzzer RPO-T63. RPO-TR9				
Lamps - Cornering RPO-T87	1.4 (3.1)	-.2 (-0.4)	1.2 (2.7)	All models

* Also see Engine - General Section for dressed engine mass (weight).

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Car Line CHEVROLET
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Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight lb)			
	Front	Rear	Total	
Heavy Duty Battery RPO-UA1	3.2 (7.1)	-.4 (-0.9)	2.8 (6.2)	With RPO-LC3, LD5, LG4 & LMI
	6.2 (13.7)	-.8 (-1.8)	5.4 (11.9)	With RPO-LF9 Diesel
Electric Clock-Digital RPO-UE8	.4 (0.9)	0 (0)	.4 (0.9)	1B169
	.2 (0.4)	0 (0)	.2 (0.4)	1B147, 69, 35
Gauge Package Consists of:	.4 (0.9)	0 (0)	.4 (0.9)	All Models
Gages and Trip Odometer RPO-UF7				
AM/FM Stereo with Cassette Tape Player -Consists of RPO-U76,UP8 RPO-UN3	5.2 (11.5)	2.2 (4.8)	7.4 (16.3)	All models
Electric Clock- Non-Digital RPO-U35	.2 (0.4)	0 (0)	.2 (0.4)	1B169, Standard on 1B100 models
AM/FM Stereophonic Radio, Consists of RPO-U76, UP7. RPO-U58	5.0 (11.0)	2.2 (4.8)	7.2 (15.8)	All models
AM Radio-Consists of RPO-U76, UP7. RPO-U63	2.6 (5.7)	.6 (1.3)	3.2 (7.0)	All models
AM/FM Radio - Consists of RPO-U76, UP7. RPO-U69	3.2 (7.0)	.6 (1.3)	3.8 (8.3)	All models
Power Antenna Consists of RPO-UN9	1.4 (3.1)	.2 (0.4)	1.6 (3.5)	All models
Radio Suppression Equip. RPO-U75				

* Also see Engine - General Section for dressed engine mass (weight).

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Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Windshield Antenna	.2	0	.2	All models
Consists of RPO-UN9	(0.4)	(0)	(0.4)	
Radio Suppression Equip.				
RPO-U76				
Speaker, Auxilliary,	0	1.8	1.8	All models
Dual Rear. RPO-U81	(0)	(4.0)	(4.0)	
Bumper Impact Strips -	.8	.8	1.6	Optional 1B169-1BN35, Base Equipment
Front and Rear RPO-VE5	(1.8)	(1.8)	(3.6)	1BN47-69
Cooling-Heavy Duty	3.6	-.4	3.2	All models
RPO-V08	(7.9)	(-0.9)	(7.0)	
Bumper Guards,	1.2	1.2	2.4	1B169, 1BN47-69
Front and Rear. RPO-V30	(2.6)	(2.6)	(5.3)	
	1.2	1.0	2.2	1BN35
	(2.6)	(2.2)	(4.8)	
Roof Luggage Carrier	0	6.2	6.2	1BN35
RPO-V55	(0)	(13.7)	(13.7)	

* Also see Engine - General Section for dressed engine mass (weight).

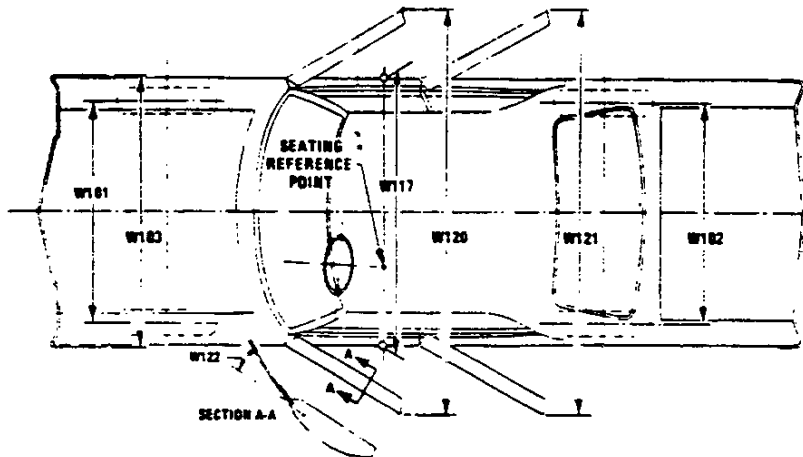
MVMA Specifications Form

Passenger Car

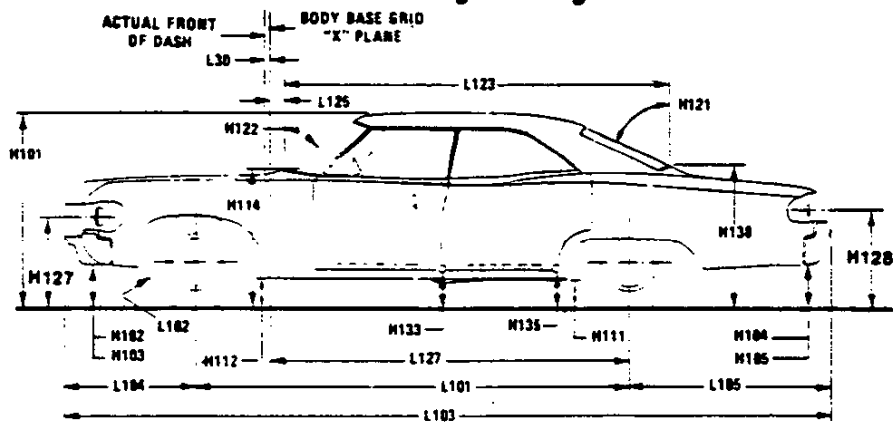
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

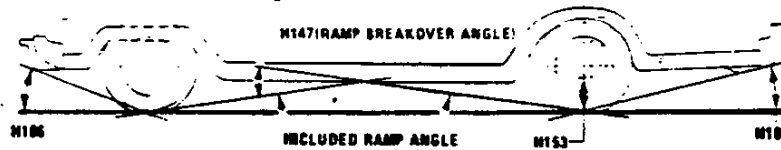
Exterior Width



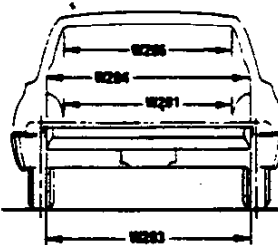
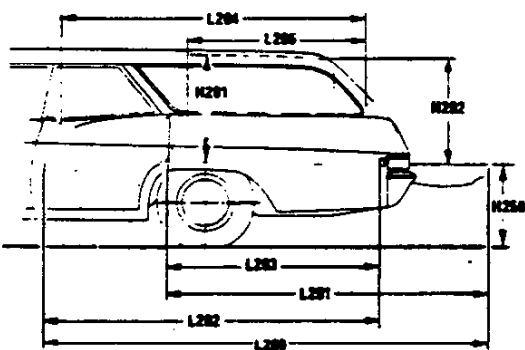
Exterior Length & Height



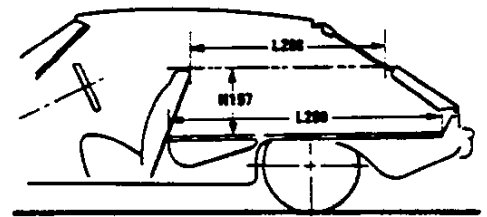
Exterior Ground Clearance



Cargo Space



Station Wagon



Hatchback

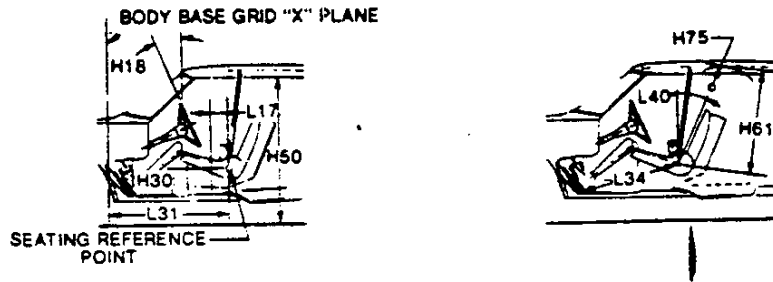
MVMA Specifications Form

Passenger Car

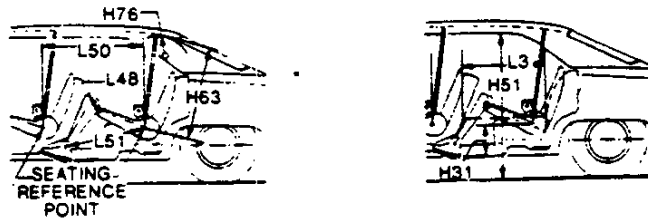
METRIC (U.S. Customary)

Interior Car And Body Dimensions - Key Sheet

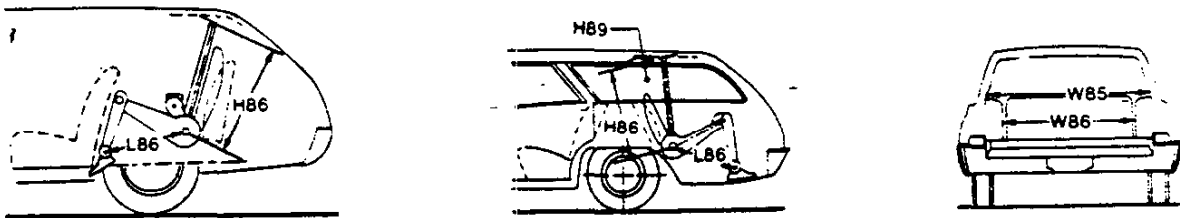
Front Compartment



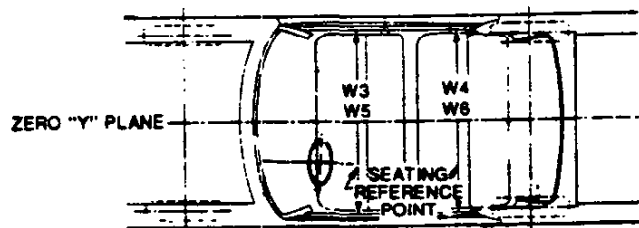
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Exterior Car And Body Dimensions - Key Sheet

Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which -

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- (b) Has coordinates established relative to the design vehicle structure;
- (c) Simulates the position of the pivot center of the human torso and thigh; and
- (d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

- L105 OVERHANG-REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

Width Dimensions

- W101 TREAD-FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD-REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP-FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH-FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.
- W121 VEHICLE WIDTH-REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE HOME, STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

- L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.
- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L102 TIRE SIZE. As specified by the manufacturer.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG-FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H112 ROCKER PANEL-FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H132 BOTTOM OF DOOR OPEN-FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.
- H111 ROCKER PANEL-REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.
- H134 BOTTOM OF DOOR OPEN-REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.
- H135 BOTTOM OF DOOR CLOSED-REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.
- H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.
- H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H127 HEADLAMP TO GROUND-CURB MASS (WT.) The dimensional measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND-CURB MASS (WT.) The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

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Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

H103	FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.	H18	STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
H104	REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.	L40	BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line if the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
H105	REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.	Rear Compartment Dimensions	
H106	ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.	PD2	PASSENGER DISTRIBUTION—SECOND.
H107	ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.	L50	SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to the SgRP—second.
H147	REAR BRAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.	H63	EFFECTIVE HEAD ROOM—SECOND. The dimension measured along a line 8 deg rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
H153	REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.	H76	EFFECTIVE T-POINT HEAD ROOM—SECOND. Measured in the same manner as H75.
H156	MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.	L51	MINIMUM EFFECTIVE LEG ROOM—SECOND. The dimension measured along a line from the ankle pivot center to the SgRP—second plus 254 mm (10.0 in.).
Front Compartment Dimensions		H31	SgRP—SECOND TO HEEL. The dimension measured vertically from the SgRP—second to the two dimensional device heel point on the depressed floor covering.
PD1	PASSENGER DISTRIBUTION—FRONT.	L48	KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
L31	SgRP—FRONT "X" COORDINATED.	L3	COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
H61	EFFECTIVE HEAD ROOM—FRONT. The dimension measured along a line 8 deg rear of vertical from the SgRP—front to the headlining plus 102 mm (4.0 in.).	W4	SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
H75	EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).	W6	HIP ROOM—SECOND. Measured in the same manner as W5.
L34	MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP—front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.	H51	UPPER BODY OPENING TO GROUND—SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP—second.
H30	SgRP—FRONT TO HEEL. The dimension measured vertically from the SgRP—front to the accelerator heel point.	Luggage Compartment Dimensions	
L17	DESIGN H-POINT—FRONT TRAVEL. The dimension measured horizontally between the design H-point—front in the foremost and rearmost seat trace positions.	V1	USABLE LUGGAGE CAPACITY—Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.
W3	SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.	H195	LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.
W5	HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP—front and 76 mm (3.0 in.) fore and aft the SgRP—front.	Station Wagon — Third Seat Dimensions	
H150	UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.	PD3	PASSENGER DIRECTION—THIRD.
		W85	SHOULDER ROOM—THIRD. Measured in the same manner as W5.
		W86	HIP ROOM—THIRD. Measured in the same manner as W5.
		L86	EFFECTIVE LEG ROOM—THIRD. The dimension measured along a line from the ankle pivot center to the SgRP—third plus 254 mm (10.0 in.).
		H86	EFFECTIVE HEAD ROOM—THIRD. The dimension measured along a line 8 deg. from the SgRP—third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
		H89	EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

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Interior Car And Body Dimensions - Key Sheet
Dimensions Definitions

Station Wagon - Cargo Space Dimensions		
L200	CARGO LENGTH-OPEN-FRONT The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.	H201 CARGO HEIGHT The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane
L201	CARGO LENGTH-OPEN-SECOND The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.	H202 REAR OPENING HEIGHT The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open
L202	CARGO LENGTH-CLOSED-FRONT The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.	H250 TAILGATE TO GROUND (CURB MASS WT.) The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
L203	CARGO LENGTH-CLOSED-SECOND The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane	V2 STATION WAGON Measured in inches $\frac{W4 \times H201 \times L204}{1728} = \text{ft}^3$
L204	CARGO LENGTH AT BELT-FRONT The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane	Measured in mm: $\frac{W4 \times H201 \times L204}{109} = \text{m}^3(\text{cubic meter})$
L205	CARGO LENGTH AT BELT-SECOND The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.	V4 HIDDEN CARGO VOLUME As specified by the manufacturer
W201	CARGO WIDTH-WHEELHOUSE The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal	Hatchback - Cargo Space Dimensions All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position (For electrically adjusted seats, see the manufacturer's specifications for Design "H" Point)
W203	REAR OPENING WIDTH AT FLOOR The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level	H197 FRONT SEATBACK TO LOAD HEIGHT The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering
W204	REAR OPENING WIDTH AT BELT The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box	L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane
W205	REAR OPENING WIDTH ABOVE BELT The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.	L209 CARGO LENGTH AT FLOOR-FRONT-HATCHBACK The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane
		V3 HATCHBACK Measured in inches: $\frac{L208 - L209}{2} \times W4 \times H197 = \text{ft}^3$ Measured in mm: $\frac{L208 - L209}{2} \times W4 \times H197 = \text{m}^3(\text{cubic meter})$

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