



MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1989

Manufacturer	Chevrolet Motor Division General Motors Corporation	Vehicle Line	CHEVROLET	
Mailing Address	Chevrolet-Pontiac-Canada Group Engineering Center General Motors Corporation 30003 Van Dyke Warren, MI 48090-9060	Issued	June, 1988	Revised September, 1988

Direct questions concerning these specifications to the manufacturer listed above.

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



Motor Vehicle Manufacturers Association
of the United States, Inc.

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MVMA Specifications Form

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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 compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.



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METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

Vehicle Origin

Design & development (company)	<u>Chevrolet-Pontiac-GM of Canada Engineering</u>
Where built (country)	<u>U.S.A.</u>
Authorized U.S. sales marketing representative	<u>Chevrolet Motor Division</u>

Vehicle Models

Model Description & Drive (FWD RWD AWD 4WD)	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk Cargo Load-Kilograms (Pounds)
<u>CAPRICE</u>				
4-Door Sedan (RWD)		1BL69	6 (3/3)	90.7 (200.0)
<u>CAPRICE CLASSIC</u>				
4-Door Sedan (RWD)		1BN69	6 (3/3)	90.7 (200.0)
4-Door Station Wagon, (RWD)		1BN35	8 (3/3/2)	0 (0)
<u>CAPRICE CLASSIC BROUGHAM</u>				
4-Door Sedan		1BU69	6 (3/3)	90.7 (200.0)
NOTE: Any specifications on the following pages specific to California requirements are indicated accordingly.				

FWD - Front Wheel Drive RWD - Rear Wheel Drive
 AWD - All Wheel Drive 4WD - Four Wheel Drive

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Power Teams (Indicate whether standard or optional)

SAE J1349 Net bhp (brake horsepower) and net torque corrected 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)
	Code	Displ. Liters (in ³)	Induction (FI, CARB, BBL, etc.)	Compr. Ratio	SAE Net at RPM				
					Power kW (bhp)	Torque N·m (lb. ft.)			
Optional All States Sedans	L03	V8 5.0L (305CID)	TBI+	9.3:1	127 (170) @4400	346 (255) @2400	S	Auto '200-4R' Base (MW9)	2.73 3.08\$
Base - All States Wagon	LV2	V8 5.0L (307CID)	4-Bbl	8.0	104 (140) @3200	346 (255) @2000	S	Auto '200-4R' Base (MW9)	2.93 3.23\$

@ - 191mm (7 1/2") ring gear for sedans with base axles; 216mm (8-1/2") ring gear for wagons, and optional axle ratios.
 \$ - Optional Axle Ratios
 + - Throttle Body Injection

* Single / Dual

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METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

**5.0 Liter V8 (305 CID)
 (Electronic Fuel Injection) RPO L03**

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	90° "V" - Front - Longitudinal	
Manufacturer	Chevrolet	
No. of cylinders	8	
Bore	94.89 (3.74)	
Stroke	88.39 (3.48)	
Bore spacing (C / L to C / L)	111.8 (4.40)	
Cylinder block material & mass kg (lbs.) (machined)	Cast alloy iron 68.674 (151.4)	
Cylinder block deck height	229.2 (9.025)	
Cylinder block length	512.8 (20.19)	
Deck clearance (minimum) (above or below block)	.635 (.025) below	
Cylinder head material & mass kg (lbs.)	Cast alloy iron 19.800 (43.7)	
Cylinder head volume (cm ³)	--	
Cylinder liner material	Not Applicable	
Head gasket thickness (compressed)	.533 (.021)	
Minimum combustion chamber total volume (cm ³)	Not Available	
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	
Intake manifold material & mass [kg (lbs.)]**	Iron 18.733 (41.3)	
Exhaust manifold material & mass [kg (lbs.)]**	Cast iron 3.900 (8.6) L.H., 3.800 (8.4) R.H.	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	87	
Engine mounts	Number	2
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	
	Added isolation (sub-frame, crossmember, etc.)	
Total dressed engine mass (wt) dry***	262.7 (579.1)	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only
 Cast aluminum alloy
 .502 (1.107)

Engine - Camshaft

Location	In block above crankshaft	
Material & mass kg (weight, lbs.)	Steel 4.124 (9.1)	
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.

** Finished state.

*** 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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Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (307 CID)
 4-Bbl. Carburetor RPO LV2

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	90° "V", Front, Longitudinal	
Manufacturer	Oldsmobile	
No. of cylinders	8	
Bore	96.50 (3.800)	
Stroke	85.98 (3.385)	
Bore spacing (C/L to C/L)	117.5 (4.625)	
Cylinder block material & mass kg (lbs.) (machined)	Cast iron 72.600 (160.1)	
Cylinder block deck height	237 (9.330)	
Cylinder block length	608.90 (23.9725)	
Deck clearance (minimum) (above or below block)	.29 below (.0116 in.)	
Cylinder head material & mass kg (lbs.)	Cast iron 22.00 (48.5)	
Cylinder head volume (cm ³)	63.45 (3.87)	
Cylinder liner material	Not Applicable	
Head gasket thickness (compressed)	1.07 (.042 +/- .002)	
Minimum combustion chamber total volume (cm ³)	86.05 (5.25)	
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	
Intake manifold material & mass [kg (lbs.)]**	Cast Iron 8.650 (19.1)	
Exhaust manifold material & mass [kg (lbs.)]**	L.H. 2.120 (4.7), R.H. 3.150 (6.9)	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	87	
Engine mounts	Number	2
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	
	Added isolation (sub-frame, crossmember, etc.)	
Total dressed engine mass (wt) dry***	285.4 (629.2)	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy 564.2 (19.9)
--	--------------------------------

Engine - Camshaft

Location	Center	
Material & mass kg (weight, lbs.)	Steel 5.000 (11.0)	
Drive type	Chain / belt	Gear to gear: direct drive
	Width / pitch	18.29-19.05 (.720-.750)/12.7 (.500)

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

** Finished state.

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

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Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID)
 (Electronic Fuel Injection) RPO L03

Engine - Valve System

Hydraulic lifters (std., opt., NA)	Standard
Valves	Number intake / exhaust
	Head O.D. intake / exhaust

8/8
 46.74 (1.84)/38.10 (1.50)

Engine - Connecting Rods

Material & mass (kg., (weight, lbs.))*	Steel/.388 (.855)
Length (axes to) mm	

Engine - Crankshaft

Material & mass (kg., (weight, lbs.))*	Nodular cast iron/23.360 (51.50)
End thrust taken by bearing (no.)	5
Length & number of main bearings	5
Seal (material, one, two piece design, etc.)	Front
	Rear

Fluoroelastomer/one piece, lip seal
 Fluoroelastomer/one piece, lip seal

Engine - Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	345-488 (50-66) @ 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full-flow
Capacity of c/case, less filter-refill-L (qt.)	4.5 (5.0)

Engine - Diesel Information

Diesel engine manufacturer	
Glow plug, current drain at 0°F	
Injector nozzle	Type
	Opening pressure [kPa (psi)]
Pre-chamber design	
Fuel injection pump	Manufacturer
	Type
Fuel injection pump drive (belt, chain, gear)	
Supplementary vacuum source (type)	
Fuel heater (yes/no)	
Water separator, description (std., opt.)	
Turbo manufacturer	
Oil cooler-type (oil to engine coolant; oil to ambient air)	
Oil filter	

Engine - Intake System

Turbo charger - manufacturer	Not
Super charger - manufacturer	Applicable
Intercooler	

*Finished State

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METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

**5.0 Liter V8 (307 CID)
 4-Bbl. Carburetor RPO LV2**

Engine - Valve System

Hydraulic lifters (std., opt., NA)	Standard	
Valves	Number intake / exhaust	8/8
	Head O.D. intake / exhaust	44.45 (1.75)/38.15 (1.502)

Engine - Connecting Rods

Material & mass [kg., (weight, lbs.)]*	Steel .625 (1.4)
Length (axes to & mm)	

Engine - Crankshaft

Material & mass [kg., (weight, lbs.)]*	Cast Iron 22.400 (49.4)	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	#1, 2 & 4 24.89 (.89) #3 30.35 (1.195) #5 41.25 (1.624)/5	
Seal (material, one, two piece design, etc.)	Front	Neoprene lip/one piece
	Rear	Rope/two piece

Engine - Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	207-310 (30-45) @ 1500 RPM
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full-flow
Capacity of c/cass. less filter-refill-L (qt.)	3.75 (4.0)

Engine - Diesel Information

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

Engine - Intake System

Turbo charger - manufacturer	Not
Super charger - manufacturer	Applicable
Intercooler	--

*Finished State

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 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID)
 4-Bbl. Carburetor RPO L03

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		
	Impeller material	Steel		
	Housing material	Cast Iron		
By-pass recirculation (type (inter., ext.))	Internal			
Cooling system capacity	With heater—L.(qt.)	15.04 (15.89)		
	With air cond.—L.(qt.)	14.97 (15.82)		
	Opt. equipment [specify—L.(qt.)]	15.69 (16.58)		
Water jackets full length of cyl. (yes, no)	Yes			
Water all around cylinder (yes, no)	Yes			
Water jackets open at head face (yes, no)	Yes			
Radiator core	Std., A/C, HD	Std.	A/C	H.D.
	Type (cross-flow, etc.)	Cross flow		
	Construction (fin & tube mechanical, braze, etc.)	Fin & tube		
	Material, mass [kg (wgt. lbs.)]	Copper-brass, high efficiency radiator		
	Width	668.0	668.0	668.0
	Height	429.7	429.7	429.7
	Thickness	25.0	25.0	40.2
	Fins per inch *	4.0	2.5	2.5
Radiator end tank material	Std. A/C			
Fan	Std., elec., opt.	Std. A/C		
	Number of blades & type (flex, solid, material)	4, Steel, Solid	5, Alum., Solid	
	Diameter & projected width	482.6 (19.0)	508.0 (20.0)	
	Ratio (fan to crankshaft rev.)	1.096:1	1.25:1	
	Fan cutout type	--	Clutch	
	Drive type (direct, remote)	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	

* - Distance between top of fins.

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Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

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Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID)
 4-Bbl. Carburetor RPO LV2

Engine - Cooling System

Coolant recovery system (std., opt., n.s.)		Standard	
Coolant fill location (rad., bottle)		Bottle	
Radiator cap relief valve pressure (kPa (psi))		104 (15)	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at °C (°F)	91 (195)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	22 GPM	
	Number of pumps	One	
	Drive (V-belt, other)	V-belt	
	Bearing type	Ball	
	Impeller material	Steel SAE 1008 or 1010	
	Housing material	Cast Iron	
By-pass recirculation [type (inter., ext.)]		External	
Cooling system capacity	With heater—L.(qt.)	See Below	
	With air cond.—L.(qt.)	See Below	
	Opt. equipment [specify—L.(qt.)]	See Below	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD	Std. A/C H.D.	
	Type (cross-flow, etc.)	Cross flow	
	Construction (fin & tube mechanical, braze, etc.)	Fin & tube	
	Material, mass (kg (wgt. lbs.))	Copper-brass, high efficiency radiator	
	Width	718.8	
	Height	429.7	
	Thickness	25.0	
	Fins per inch *	2.5	
Radiator end tank material		Copper	
Fan	Std., elec., opt.	Std.	A/C
	Number of blades & type (flex, solid, material)	4-Steel, Solid	5-Alum., Solid
	Diameter & projected width	482.6 (19.0)	
	Ratio (fan to crankshaft rev.)	.85	1.4
	Fan cutout type	Spacer	Clutch
	Drive type (direct, remote)	V-Belt	
	RPM at idle (elec.)	--	
	Motor rating (wattage) (elec.)	--	
	Motor switch (type & location) (elec.)	--	
	Switch point (temp., pressure) (elec.)	--	
	Fan shroud (material)	Plastic	

LV2-14.8 (15.6) C41, 14.5 (15.3) C60/C65, 15.4 (16.3) V03, 15.2 (16.1) V08

* - Distance between top of fins.

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Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID)
Electronic Fuel Injection RPO 103

Engine - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Fuel Injection
Manufacturer		Rochester
<input checked="" type="checkbox"/>	Carburetor no. of barrels	Not Applicable
Idle A/F mix.		Preset - No adjustment provided
Fuel injection	Point of injection (no.)	Throttle Body
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure (kPa (psi))	--
Idle spd. -rpm (spec. neutral or drive and propane if used)	Manual	--
	Automatic	--
Intake manifold heat control (exhaust or water thermostatic or fixed)		Exhaust
Air cleaner type		Replaceable paper element single snorkel
Fuel filter (type / location)		
<input checked="" type="checkbox"/>	Type (elec. or mech.)	Electric
	Location (eng., tank)	Fuel Tank
	Pressure range (kPa (psi))	--
<input checked="" type="checkbox"/>	Flow rate at regulated pressure (L (gal) / hr (a kPa (psi))	

Fuel Tank

Capacity (refill L (gallons))		95 (25.0), sedan 83.3 (22.0) - s.w. (approx.)
Location (describe)		Underbody behind rear axle
Attachment		Two straps to underbody
Material & Mass (kg (weight lbs))		Steel 11.680 (25.7)
Filler pipe	Location & material	Rear - 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
Extended range tank	Opt., n.a.	Not Available
	Capacity (L (gallons))	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	"
	Capacity (L (gallons))	"
	Location & material	"
	Attachment	"
	Selector switch or valve	"
Separate fill		"

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METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

**5.0 Liter V8 (307 CID)
 4-Bbl. Carburetor RPO LV2**

Engine - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Carburetor
Manufacturer		Rochester
<input checked="" type="checkbox"/>	Carburetor no. of barrels	Four
Idle A/F mix.		Preset - No adjustment provided
Fuel injection	Point of injection (no.)	--
	Constant, pulse, flow	--
	Control (electronic, mech.)	--
	System pressure [kPa (psi)]	--
Idle spd. -rpm (spec. neutral or drive and propane if used)	Manual	
	Automatic	
Intake manifold heat control (exhaust or water thermostatic or fixed)		Exhaust
Air cleaner type		Replaceable paper element single snorkel
Fuel filter (type / location)		
<input checked="" type="checkbox"/>	Type (elec. or mech.)	Mechanical
	Location (eng., tank)	Right - Front engine
	Pressure range [kPa (psi)]	41.37 - 51.71 (6.0 - 7.5)
<input checked="" type="checkbox"/>	Flow rate at regulated pressure (L (gal) / hr @ kPa (psi))	

Fuel Tank

Capacity (refill L (gallons))		83.3 (22.0) wagon
Location (describe)		Left rear quarter
Attachment		Underbody strap
Material & Mass [kg (weight lbs)]		Steel 11.680 (25.7)
Filler pipe	Location & material	left rear quarter
	Connection to tank	Solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Opt., n.s.		Not Available
Extended range tank	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
	Opt., n.s.	"
Auxiliary tank	Capacity [L (gallons)]	"
	Location & material	"
	Attachment	"
	Selector switch or valve	"
	Separate fill	"

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Vehicle Line CHEVROLET
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METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

**5.0 Liter V8 (307 CID)
 4-Bbl. Carburetor RPO LV2**

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.)	Cylinder head and catalytic converter
		Point of entry	Exhaust port & catalytic converter
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Variable orifice
		Exhaust source	Crossover in intake manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold
	Catalytic Converter	Type	Dual bed, oxidizing and reducing
		Number of	One
		Location(s)	Beneath RF underbody
		Volume [L (in ³)]	2.8 (170)
		Substrate type	Monolith
		Noble metal type	Platinum/Palladium/Rhodium
Noble metal concentration (g/cm ³)			
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Positive crankcase ventilation (induction)
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum
	Discharges (to intake manifold, other)		Intake manifold
	Air inlet (breather cap, other)		Ventilation filter in I.H. valve cover
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

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]		One, Reverse flow
Resonator no. & type		None
* Exhaust pipe	Branch o.d., wall thickness	50.8 x .86 (2.0 x .034) (b)
	Main o.d., wall thickness	57.15 x 1.8 (2.25 x .071) (c)
	Material & Mass [kg (weight lbs)]	(b) & (c)
* Intermediate pipe	o.d. & wall thickness	57.15 x 1.8 (2.25 x .071) (d)
	Material & Mass [kg (weight lbs)]	Steel tubing
* Tail pipe	o.d. & wall thickness	63.5 x 1.4 (2.50 x .055) (d)
	Material & Mass [kg (weight lbs)]	Aluminum coated steel tubing (e)

- (b) - Laminated tubing - steel inner, stainless steel outer.
- (c) - Stainless steel tubing.
- (d) - Aluminum coated steel.
- (e) - LV2 3.231 (7.1)

* - Purchased as unit; 7.439 (16.4)

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

**5.0 Liter V8 (305 CID)
 (Electronic Fuel Injection) RPO L03**

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.)	Exhaust manifold and catalytic converter
		Point of entry	Exhaust manifold takedown
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width, modulated
		Exhaust source	Manifold exhaust crossover
		Point of exhaust injection (specar, carburetor, manifold, other)	Inlet Manifold
	Catalytic Converter	Type	Dual bed (a)
		Number of	One
		Location(s)	Beneath RF underbody
		Volume [L (in ³)]	2.78 (169.8)
		Substrate type	Monolith
		Noble metal type	Platinum/Palladium/Rhodium
Noble metal concentration (g/cm ³)		0.000779	
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)		Intake manifold
	Air inlet (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

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover
* Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass (kg (weight lbs))		One, Reverse flow
Resonator no. & type		None
* Exhaust pipe	Branch o.d., wall thickness	50.8 x .86 (2.0 x .034) (b)
	Main o.d., wall thickness	57.15 x 1.8 (2.25 x .071) (c)
	Material & Mass (kg (weight lbs))	(b) & (c)
* Intermediate pipe	o.d. & wall thickness	63.5 x 1.4 (2.50 x .055) (d)
	Material & Mass (kg (weight lbs))	Steel tubing
* Tail pipe	o.d. & wall thickness	63.5 x 1.4 (2.50 x .055) (d)
	Material & Mass (kg (weight lbs))	Aluminum coated steel tubing (e)

- (a) - Oxidizing and reducing.
 - (b) - Laminated tubing - steel inner, stainless steel outer.
 - (c) - Stainless steel tubing.
 - (d) - Aluminum coated steel.
 - (e) - LG4 4.536 (10.0)
- * - Purchased as unit; 9.072 (20.0)

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0L V8 305 CID RPO L03	5.0L V8 307 CID RPO LV2
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Transmissions/Transaxle (Std., Opt., N.A.)

Manual 3-speed (manufacturer/country)	Not Available
Manual 4-speed (manufacturer/country)	Not Available
Manual 5-speed (manufacturer/country)	Not Available
Automatic (manufacturer/country)	Standard
Automatic overdrive (manufacturer/country)	Standard

Manual Transmission/Transaxle

Number of forward speeds		
Gear ratios	1st	
	2nd	Not Available
	3rd	Available
	4th	
	5th	
	Reverse	
Synchronous meshing (specify gears)		
Shift lever location		
Trans. case mat'l. & mass kg (lbs)*		
Lubricant	Capacity [L (pt.)]	
	Type recommended	

Clutch (Manual Transmission)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hydraulic, cable, rod, lever, other)		Not Available
Max. pedal effort (nom. spring load, new) N (lbs)	Depressed	Available
	Released	
Assist (spring, power/percent, nominal)		
Type pressure plate springs		
Total spring load (nominal, new) N (lbs)		
Clutch facing	Facing mfg. & material coding	
	Facing material & construction	
	Rivets per facing	
	Outside x inside dia. (nominal)	
	Total eff. area (cm ² (in. ²))	
	Thickness (pressure plate side/ fly wheel side)	
	Rivet depth (pressure plate side/ fly wheel side)	
Engagement cushion method		
Release bearing type & method lub.		
Torsional damping method, springs, hysteresis		

* Includes shift linkage, lubricant, and clutch housing. If other specify.

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0 Liter V8 (305 CID)
 Electronic Fuel Injection RPO 103

Automatic Transmission/Transaxle (See Power Teams for transmission usage)

Trade name		4-speed Automatic	
Type and special features (describe)		Torque converter with planetary gears '700-R4' '200-4R'	
Selector	Location	Steering column	
	Ltr./No. designation	P-R-N- D -D-2-1	
Gear ratios	1st	306	2.74
	2nd	1.63*	1.57
	3rd	1.00*	1.00*
	4th	0.70*	0.67*
	Reverse	2.29	2.07
Max. upshift speed - drive range (km/h (mph))		1-2=60(37.5), 2-3=(108(67) Not Available	
Max. lockdown speed - drive range (km/h (mph))		3-2=100(62), 2-1=45 (28) "	
Min. overdrive speed (km/h (mph))		67 (41.5) "	
Torque converter	Number of elements	3	
	Max. ratio at stall	5.8:1	Not Available
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (pt.))	3.0 (6.3)	
	Type Recommended	Dexron II	
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard, integral with radiator	
Transmission case material & mass kg (lbs)**		Aluminum	

Axle or Front Wheel Drive Unit

Type (front, rear)		Rear	
Description		Semi-floating axle, overhung hypoid drive pinion and rear 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/differential adjustment (shim, other)		Shim	
Pinion/differential bearing adjustment (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 (5.4)	
	Type recommended	GL-5 Gear Lubricant	

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

Axle ratio (or overall top gear ratio)		2.73	3.08	2.56
No. of teeth	Pinion	15	13	16
	Ring gear or gear	41	40	41
Ring gear o.d.		191(7.50)	216 (8.50)	191(7.50)
Transaxle	Transfer gear ratio			
	Final drive ratio			

* Input speed + $\sqrt{\text{torque}}$

** Includes shift linkage, lubricant, & clutch housing. If other specify. * - Converter clutch engagement

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code		5.0 Liter V8 (307 CID) 4-Bbl. Carburetor RPO 1V2
Automatic Transmission/Transaxle (See Power Teams for transmission usage)		
Trade name		4-speed Automatic
Type and special features (describe)		Torque converter with planetary gears 200-4R
Selector	Location	Steering column
	Ltr./No. designation	P-R-N- D -D-2-1
Gear ratios	1st	2.74
	2nd	1.57
	3rd	1.00*
	4th	0.67*
	Reverse	2.07
Max. upshift speed - drive range [km/h (mph)]		72 (35), 129 (60)
Max. kickdown speed - drive range [km/h (mph)]		56 (29), 124 (57), 136 (85)
Min. overdrive speed [km/h (mph)]		28
Torque converter	Number of elements	Three
	Max. ratio at stall	1.9
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298.5 (11.75)
	Capacity factor "K"	
Lubricant	Capacity [refill L. (pt.)]	5L (10.6)
	Type Recommended	Dexron II
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard, integral with radiator
Transmission case material & mass [kg (lbs)**]		Aluminum

Axle or Front Wheel Drive Unit

Type (front, rear)		Rear
Description		Semi-floating axle, overhung hypoid drive pinion and rear gear
Limited slip differential (type)		Disc clutch
Drive pinion offset		8.50" R.G. - 44.0 (1.75)
Drive pinion (type)		Hypoid gear
No. of differential pinions		Two
Pinion/differential adjustment (shim, other)		Shim
Pinion/differential bearing adjustment (shim, other)		Collapsible Sleeve
Driving wheel bearing (type)		Direct or Single Row Cylindrical
Lubricant	Capacity [L. (pt.)]	8.50" R.G. 2.0 (5.4)
	Type recommended	GL-5 Gear Lubricant

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

Axle ratio (or overall top gear ratio)		2.93 (Std.)	3.23 (Opt.)
No. of teeth	Pinion	15	13
	Ring gear or gear	41	42
Ring gear o.d.		8.50	8.50
Transaxle	Transfer gear ratio		
	Final drive ratio		

* Input speed + $\sqrt{\text{torque}}$

** Includes shift linkage, lubricant, & clutch housing. If other specify.

* - Converter clutch engagement

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (a) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0L V8, EFI RPO L03 - Sedans
 5.0L V8, 4-Bbl. Carb., RPO LV2 - Wagon

Propeller Shaft - Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube	
Outer diam. x length* x wall thickness	Manual 3-speed transmission	Not Available	
	Manual 4-speed transmission	"	
	Manual 5-speed transmission	"	
	Overdrive	"	
Automatic transmission		Sedans: 76.2(3.0)x1410.7(55.5)x1.65(.065)w/o lim. slip dif(a) Wagon: 76.2(3.0)x1464.3(57.7)x1.65(.065)w/w/o lim. slip dif.	
Inter- mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	None	
Slip yoke	Type	Splined	
	Number of teeth	27	
	Spline o.d.	29.858(1.175)	
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	
	Lubrication (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.

(a) Sedans: 76.2(3.0) x1384.0(54.5)x1.65(.065) with limited slip differential
 69.9(2.75)x1484.9(58.5)x1.65(.065) with opt. trans, w/o lim slip diff.
 76.2(3.0) x1464.3(57.7)x1.65(.065) with opt. trans & lim slip diff.

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

METRIC (U.S. Customary)

Body Type And/Or
 Engine Displacement

Sedans

Station Wagon

Suspension - General including Electronic Controls

Car leveling	Standard/optional/not avail.	Not Available	Optional (rear only)	
	Manual/automatic control	" "	Manual	
	Type (air/hydraulic)	" "	Air	
	Primary/assist spring	" "		
	Rear only/4 wheel leveling	" "		
	Single/dual rate spring	" "		
	Single/dual ride heights	" "		
Provision for jacking		Not Applicable		
Shock absorber damping controls	Standard/option/not avail.	" "		
	Manual/automatic control	" "		
	Number of damping rates	" "		
	Type of actuation (manual/electric motor/air, etc.)	" "		
	s e n s i v e	Lateral acceleration	" "	
		Deceleration	" "	
	Acceleration	Direct, double acting, hydraulic		
	Road surface	Delco		
Shock absorber (front & rear)	Type	25 (1.0)		
	Make	13.49 (0.53)		
	Piston diameter			
	Rod diameter			

Suspension - Front

Type and description		Independent - SLA	
Travel*	Full jounce	90.3mm (3.56 in.)	
	Full rebound	107.7mm (4.24 in.)	
Spring	Type (coil, leaf, other) & material	Coil - Steel Alloy	
	Insulators (type & material)	Ring Type Natural Rubber	
	Size (coil design height & i.d., bar length x dia.)	241.3x102.9x3347x15.8 (9.5x4.05x131.7x0.622)	241.3x102.9x2762.2x16.1 (9.5x4.05x108.7x0.634)
	Spring rate (N/mm (lb./in.))	V6-47.0(268.0) V8-52.5(300.0)	77.0 (440)
	Rate at wheel (N/mm (lb./in.))	V6-14.4(82.3) V8-15.8(90.3)	22.5 (129)
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	Tubular Steel-28 (1.1); 29 (1.14)(a) Steel-28 (1.1)	

Suspension - Rear

Type and description		Salisbury 4-Link		
Travel*	Full jounce	123.0mm (4.8 in.)	101mm (3.98 in.)	
	Full rebound	114.0mm (4.5 in.)	112mm (4.41 in.)	
Spring	Type (coil, leaf, other) & material	Coil-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 (10.0x5.5x101.8x0.609)	
	Spring rate (N/mm (lb./in.))	17.5(100.0), w/F40&41-27.1(155.0)	36.8(210.0)	
	Rate at wheel (N/mm (lb./in.))	19.4(110.0), w/F40&41-27.2(155.0)	35.3(202.0)	
	Insulators (type & material)		Ring Type Butyl Rubber	
	# leaf	No. of leaves	Not Available	
Shackle (comp. or tens.)		" "		
Stabilizer	Type (link, linkless, frameless)	Linkless (a) 0.9	None	
	Material & bar diameter	Steel - 24mm	--	
Track bar (type)		None		

* Define load condition:

(a) Used with RPO F41 sport suspension

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

Body Type And/Or
 Engine Displacement

Sedans	Station Wagon
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Brakes - Service

Description		Single caliper disc front, duo-servo drum rear		
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Disc		
	Rear (disc or drum)	Drum		
Valving type (proportion, delay, metering, other)				
Power brake (std., opt., n.a.)		Metering and Proportioning		
Booster type (remote, integral, vac., hyd., etc.)		Standard		
Vacuum	Source (inline, pump, etc.)	Vacuum		
	Reservoir (volume in. ³) and source	Inline (Intake Manifold)		
	Pump-type (elec. gear driven, belt driven)	--		
Traction control	Operational speed range	--		
	Type engine intervention (electronic, mech.)	Not Applicable		
Anti-lock device	Front/rear (std., opt., n.a.)	"		
	Manufacturer	"		
	Type (electronic, mech.)	"		
	Number sensors or circuits	"		
	Number anti-lock hydraulic circuits	"		
	Integral or add-on system	"		
	Yaw control (yes, no)	"		
Hydraulic power source (elect., vac. mtr., pwr. strg.)		"		
Effective area [cm ² (in. ²)]*		648 (100.5)		
Gross lining area [cm ² (in. ²)]**(F/R)		717 (111.1)	746.6 (116.7)	
Swept area [cm ² (in. ²)]*** (F/R)		2127 (329.8)	846.1 (131.1)	
Rotor	Outerworking 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 & width	F/R	--/241.3 (9.5)	
	Type and material	F/R	--/ Cast Iron Finned /279.4 (11.0)	
Wheel cylinder bore				
Master cylinder	Bore/stroke	F/R	74.7 (2.94)/22.22 (.875) 74.7 (2.94)/25.0 (.98)	
Pedal arc ratio			3.5:1	
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			--	
Lining clearance		F/R	--	
Brake Lining	Front wheel	Bonded or riveted (rivets/seg.)		Self-adjusting/Self-adjusting
		Rivet size		Riveted; 8
		Manufacturer		5.33 x 9.12 (.210 x .359) 5.33 x 9.63 (.210 x .380)
		Lining code****		Bendix (a)
		Material		333-EE (Bendix 716 1A)
		***	Primary or out-board	Semi-metallic 7161A (a)
		Size	Secondary or in-board	137 x 48.8 x 11.81 (5.40 x 1.92 x 0.465)
	Shoe thickness (no lining)		137 x 48.8 x 11.81 (5.40 x 1.92 x 0.465)	
	Rear wheel	Bonded or riveted (rivets/seg.)		Inboard 15.75 (.620); Outboard 14.0 (.550)
		Manufacturer		Riveted; 10-primary, 12-secondary
		Lining code****		Inland
		Material		PRIM/SEC 224FF/235FE
		***	Primary or out-board	Organic 4035/4050
		Size	Secondary or in-board	192.5x50.8x4.98 (7.58x2.0x.196) 225x50.8x5.6 (8.86x2.0x0.22)
Shoe thickness (no lining)		249.7x50.8x6.73 (9.83x2.0x.265) 291.0x50.8x6.6(11.5x2.0x0.26)		
		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 width x thickness. *****Manufacturer I.D., catalog or formulation designation and coefficient of friction classification.

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Body Type And/Or
 Engine Displacement

Sedans	Station Wagon
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Tires And Wheels (Standard)

Tires	Size (load range, ply)		P205/75R15 (B/W*)	P225/75R15 (W/W*)
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psi))	240 (35)	205 (30)
		Rear (kPa (psi))	240 (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		16x4 compact spare, T125/80D16 (without positraction) 16x4 compact spare, T145/80D16 (w/positraction and wagons)	
	Storage position & location (describe)		Sedans-horizontal front center of trunk compartment. Station wagon, vertical right rear quarter panel.	

Tires And Wheels (Optional) *Tires are "All Season" mud and snow, 4th generation, GM TPC tires

Tire size (load range, ply)		P205/75R15 (W/W*,+)
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (load range, ply)		P225/70R15 (W/W)*+(a)
Type (bias, radial, steel, nylon, etc.)		Steel belted radial
Wheel (type & material)		Short spoke disc steel
Rim (size, flange type and offset)		15x7; 5.08-8.13 (0.20-0.32)
Tire size (load range, ply)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (load range, ply)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel size <small>(If configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)</small>		(a)-Requires performance handling package, RPO F41.

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)	--

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

METRIC (U.S. Customary)

Body Type And/Of
 Engine Displacement

Sedans	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/column (tilt, telescope, other)	Type	Tilt-universal jointed strg. shaft @ base of strg. whl 6 pos		
	Manufacturer	Saginaw Steering Gear		
	(Std., opt., n.a.)	Optional		
Wheel diameter** (W9) SAE J1100	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	
		Manufacturer	"	
		Ratios	"	
	Gear	Overall	"	
		No. wheel turns (stop to stop)		"
Power	Type (coaxial, elec., hyd., etc.)		Integral gear with power piston & vane type pump	
	Manufacturer		Saginaw Steering Gear Div. G.M.C.	
	Gear	Type	Semi-reversible recirculating ball nut	
		Ratios	Gear	14:1 12.7:1 (a) 13/16:1
			Overall	16.5 15.0:1 (a) 18.8:1 on center
	Pump (drive)		Serpentine Belt 'V' Belt	
	No. wheel turns (stop to stop)		3.16 3.3	
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Front	
	Tie rods (one or two)		Two	
Steering axis	Inclination at camber (deg.)		9.785 @1	
	Bearings (type)	Upper	Ball stud with metallic surfaces	
		Lower	Ball stud with metallic surfaces	
		Thrust	None	
Steering spindle & joint type		"		
Wheel spindle/tub	Diameter	Inner bearing	31.7 (1.25)	
		Outer bearing	19.0 (0.75)	
	Thread (size)		3/4-20	
	Bearing (type)		Tapered roller	

*The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.
 **See Page 22

(a) F41 Sport Suspension option

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Body Type And/OR
 Engine Displacement

Sedans	Station Wagon
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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 +.15°
	Service reset*	Caster	+3° +/- 0.5°
		Camber	+0.8° +/- 0.5°
		Toe-in	+0.05 +/- .05°
	Periodic M.V. inspection	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. inspection	Camber	"
		Toe-in	"

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

Electrical – Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	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 (light, audible)	Not Available
Temperature indicator	Type	Tell-Tale warning light (A)
	Warning device (light, audible)	Not Available
Oil pressure indicator	Type	Tell-Tale warning light
	Warning device (light, audible)	Not Available
Fuel indicator	Type	Electric gauge, pointer gauge
	Warning device (light, audible)	Not Available
Windshield 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)
Windshield washer	Type (standard)	Push button, fluidic nozzle
	Type (optional)	Not Available
	Fluid level indicator (light, audible)	"
Rear window wiper, wiper/washer (std., opt., n.a.)		Not Available
Horn	Type	Vibrator
	Number used	Two
Other		Restraint system warning light and buzzer. Parking brake and brake failure warning light. "Tailgate ajar" lamp for station wagon. "Headlamp-on" chime for 1BN00 models.

(A) Optional gage package includes circular speedometer, trip odometer, coolant temperature gage, and voltmeter.

(B) Buzzer for 1BL00, Chime for 1BN00.

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (•) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
 Engine Code

5.0 Liter V8
 305 CID RPO L03

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	70-525 Base, 75-570 H.D.
	Voltage	12 Volts
	Amps at 0°F cold crank	525 Base, 570 H.D.
	Minutes-reserve capacity	75 Base, 90 H.D.
	Amp/hrs. - 20 hr. rate	--
Location		Engine compartment
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	56
	Ratio (alt. crank/rev.)	2.36:1
	Output at idle (rpm, park)	
Optional (type & rating)		None
Regulator	Type	Micro circuit units, integral with alternator

Electrical - Starting System

Start, motor	Manufacturer	Delco Remy
	Current drain at 0°F	420 @ 20°F
	Power rating (kw (hp))	2.3 (3.1)
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front, rear)	Rear

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	--	
	Other (specify)	High Energy Ignition. (H.E.I.)	
Coil	Manufacturer	Delco Remy	
	Model	Integral with distributor	
	Current	Engine stopped - A	--
		Engine idling - A	--
Spark plug	Manufacturer	AC	
	Model	R45TS	
	Thread (mm)	14 x 1.25	
	Tightening torque (N-m (lb. ft))	9-20 (7-15)	
	Gap	0.89 (0.035)	
	Number per cylinder	One	
Distributor	Manufacturer	Delco Remy	
	Model	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.
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MVMA Specifications Form

Vehicle Models **CHEVROLET**
 Model Year **1989** Issued **6-88** Revised (e) _____

METRIC (U.S. Customary)

Body Type All Models

Body	
Structure	All-welded heavy-gage steel body. Full perimeter frame.
<input checked="" type="checkbox"/> Bumper system front - rear	Steel bumper with reinforcing beam. Dual enersorbers. Bumper rub strips standard on Caprice Classic sedan, wagon, and Brougham.
Anti-corrosion treatment	Zinc-rich precoated steel is used in many critical areas, splash areas treated with zinc-rich primers and special waxes. Hot-melt materials used for sealing. Bodies are submersed in zinc phosphate rustproofing process before final elpo-coating dip.

Body - Miscellaneous information

Type of finish (lacquer, enamel, other)	Lacquer	
Hood	Material & mass	Double Panel Steel
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	4-Link type with spiral spring
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Double Panel Steel
	Type (counterbalance, other)	Counterbalance
	Internal release control (elec., mech., n.a.)	Electric - Optional
Hatch-back lid	Material & mass	Not Applicable
	Type (counterbalance, other)	" "
	Internal release control (elec., mech., n.a.)	" "
Tailgate	Material & mass	Galvanized Steel - 19.85 Kg. (43.8 lbs.)
	Type (drop, lift, door)	"3-way" with power window standard
	Internal release control (elec., mech., n.a.)	Not Available
Vent window control (crank, friction, pivot, power)	Front	None
	Rear	None
Window regulator type (cable, tape, flex, drive, etc.)	Front	Tape Drive - Manual/Pwr Optional
	Rear	" " " " " "
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Bench*, formed full foam pad
	Rear	Bench, formed full foam pad
	3rd seat	Bench, formed full foam pad. Rear facing
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Bench*, formed full foam pad
	Rear	Bench, formed full foam pad
	3rd seat	Bench, formed full foam pad. Rear facing

* - 50/50 seat optional for Caprice, Caprice Classic models.
 55/45 seat standard for Caprice Classic Brougham.

MVMA Specifications Form

Vehicle Line CHEVROLET

Model Year 1989 Issued 6-88 Revised (e) 9-88

METRIC (U.S. Customary)

Engine Description/Carb.
Engine Code

5.0 Liter V8 (307 CID)
4-Bbl. Carburetor RPO LV2

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	70-525 Base, 75-570 H.D.
	Voltage	12 Volts
	Amps at 0°F cold crank	525 Base, 570 H.D.
	Minutes-reserve capacity	75 Base, 90 H.D.
	Amp/hrs. - 20 hr. rate	--
	Location	Engine compartment
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	78 Amp
	Ratio (alt. crank/rev.)	3.44
	Output at idle (rpm, park)	
Regulator	Optional (type & rating)	None
	Type	Micro circuit units, integral with alternator

Electrical - Starting System

Start. motor	Manufacturer	Delco Remy
	Current drain at 0°F	325 @ 20°F
	Power rating [kw (hp)]	1.4 (1.9)
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Standard	
	Other (specify)	High Energy Ignition, (H.E.I.)	
Coil	Manufacturer	Delco Remy	
	Model	Integral with distributor	
	Current	Engine stopped - A	0-Amp
		Engine idling - A	1-Amp
Spark plug	Manufacturer	AC Division	
	Model	FR3LS6	
	Thread (mm)	14 mm	
	Tightening torque (N-m (lb. ft))	40 (30)	
	Gap	1.52 (0.060)	
Distributor	Number per cylinder	One	
	Manufacturer	Delco Remy	
	Model		

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, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.
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MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

Body Type

Sedans

Station Wagon

Convenience Equipment (standard, optional, n.a.)

<input checked="" type="checkbox"/>	Air conditioning (manual, auto. temp control)	Optional - Four season manual control
	Clock (digital, analog)	Digital clock in radio std,
	Compass / thermometer	Compass - Dealer installed
	Console (floor, overhead)	Not Available
	Defroster, elec. backlight	Optional
	Diagnostic monitor (integrated, individual)	Not Available
Electronic	Instrument cluster (list instruments)	"
	Keyless entry	"
	Tripminder (avg. spd., fuel)	"
	Voice alert (list items)	"
	Other	Radio tuning
	Fuel door lock (remote, key, electric)	Not Available
Lamps	Auto head on/off delay, dimming	Optional (Twilight Sentinel) NA IBL69
	Cornering	Optional - Not Available IBL69
	Courtesy (map, reading)	Optional (2) in dome-lamp
	Door lock, ignition	Not Available
	Engine compartment	Optional
	Fog	Not Available
	Glove compartment	Standard
	Trunk	Standard Rear dome standard
<input checked="" type="checkbox"/>	Illuminated entry system (list lamps, activation)	Standard - IBU Door Mounted Entry Lamp
	Other	
Mirrors	Ash Tray (Front)	Standard
	Day / night (auto. man.)	Manual - standard
	L.H. (remote, power, heated)	Remote - standard
	R. H. (convex, remote, power, heated)	Convex, manual standard, remote - optional
	Visor vanity (RH / LH, illuminated)	Optional - RH, Not Available IBL69
<input checked="" type="checkbox"/>	Navigation system (describe)	Not Applicable
	Parking brake-auto release (warning light)	Standard - hand release

MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) 9-88

Body Type

Sedans	Station Wagon
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Restraint System

Seating Position		Left	Center	Right	
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard / optional	First seat	Shldr & lap conf. mechanism <u>single retract.</u>	Lap only.	Same as left.
		Second seat	Shldr. & lap no conf. mechanism <u>double retract.</u>	Lap only.	Same as left rear.
		Third seat	Lap only.	N/A	Lap only.
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt) Standard / optional	First seat	N/A		
		Second seat	N/A		
		Third seat	N/A		

Glass	SAE Ref. No.		
Windshield glass exposed surface area [cm ² (in. ²)]	S1	8619 (1335.9)	
Side glass exposed surface area [cm ² (in. ²)] - total 2-sides	S2	12006 (1860.9)	19950 (3092.2)
Backlight glass exposed surface area [cm ² (in. ²)]	S3	5278 (818.1)	4661 (722.5)
Total glass exposed surface area [cm ² (in. ²)]	S4	25903 (4015.0)	33230 (5150.6)
Windshield glass (type)		Curved - Laminated Plate	
Side glass (type)		Curved - Tempered Plate	
Backlight glass (type)		Curved - Tempered Plate	

Lamps and Headlamp Locations

Headlamps	Description - sealed beam, halogen, replaceable bulb, etc.	<u>Halogen, Replaceable Bulb (Composite)</u>
	Shape	<u>Rectangular</u>
	Lo-beam type (2A1, 2B1, 2C1, etc.)	<u>HB4 Bulb/Glass Lens Face on Housing</u>
	Quantity	<u>2</u>
	Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	<u>HB3 Bulb/Glass Lens Face on Housing</u>
	Quantity	<u>2</u>

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	<u>Perimeter type, two crossmembers</u>
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MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

Body Type Sedans Station Wagon

Convenience Equipment (standard, optional, n.a.)

<input checked="" type="checkbox"/> Power equipment	Deck lid (release, pull down)		Striker/Fork Bolt Latch W/Remote Release Optional
	Door locks (manual, automatic, describe system)		Striker/Fork Bolt Latch with Remote Control Rods for Lock/Unlock; Latch/Unlatch - Power Lock/Unlock Optional
	Seats	2 - 4 - 6 way, etc.	AG1-Adjuster-Seat PWR 6-Way Driver (Opt) W/AV7 Seat
		Reclining (R.H., L.H.)	AG2-Adjuster-Seat PWR 6-Way Pass (Opt) W/AV7 & AG1
		Memory (R.H., L.H., preset, recline)	AT6-Adjuster-Seat Back Man Pass Recl (Req) W/AV7
		Lumber, hip, thigh, support	A79-Adjuster-Seat Back Man Driver Recl (Req) W/AV7
		Heated (R.H., L.H., other)	AV7-Seat-Frt Split 50/50 (Opt) W/AT6 & A79
	Side windows		A52-Seat-Frt Bench (Base)
	Vent windows		Optional (door windows only) NA 1BL69
	Rear windows		Not Available
		Not Available Standard (Tailgate)	
<input checked="" type="checkbox"/> Radio systems	Antenna (location, whip, w/shield, power)		Fixed mast, RH front fender, Power opt., Power N/A 1BL69
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo, Seek/Scan, ETR with Clock
	Optional		AM/FM Stereo, Seek/Scan, Auto Revers, Cassette, ETR with Clock AM/FM Stereo, Seek/Scan, Auto Reverse Cassette, ETR, Clock and Graphic Equalier
	Speaker (number, location)		Two in instrument panel, two in rear package shelf, station shelf, station wagon rear pillars, premium sound available for sedans.
Roof open air fixed (flip-up, sliding, "T")		Not Available	
Speed control device		Optional	
Speed warning device (light, buzzer, etc.)		Not Available	
Tachometer (rpm)		Not Available	
Telephone system (describe)		Not Available	
Theft deterrent system		Standard - Lock mounted on steering column; locks steering wheel, transmission shift lever and ignition.	

MVMA Specifications Form

Vehicle Models CHEVROLET

Model Year 1989 Issued 6-88 Revised (e)

METRIC (U.S. Customary)

Vehicle 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 vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	4-Door Sedan 1B169	4-Door Sedan 1B169-1B169	4-Door Station Wagon 1B135
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)		
Vehicle width (rear doors open)	W121	3470 (136.6)		3426 (134.9)
Front fender overall width	W106	1900 (74.8)		
Rear fender overall width	W107	1911 (75.2)		2014 (79.3)
Tumble-home (deg.)	W122	24.5		
Vehicle width including mirrors				

Length

Wheelbase	L101	2945 (116.0)		
Vehicle length	L103	5386 (212.2)	5405 (212.8)*	5483(215.7)*
Overhang (front)	L104	1030 (40.6)	1039.5(40.9)*	1039.5(40.9)*
Overhang (rear)	L105	1411 (55.6)	1420.5(55.9)*	1498.5(58.9)*
Upper structure length	L123	2366 (93.1)		3506(138.0)
Rear wheel C/L "X" coordinate	L127	2475 (97.4)		
Cowl point "X" coordinate	L125	236 (9.3)		235 (9.3)
Front end length at centerline	L126	1623 (63.9)		
Rear end length at centerline	L129	1150 (45.3)		100 (3.9)

*Rub strips std equip. on Caprice Classic sedan & wagon

Height **

Passenger distribution (front/rear)	PD1,2,3		..	
Trunk/cargo load			..	
Vehicle height	H101	1433 (56.4)		1478 (58.2)
Cowl point to ground	H114	1000 (39.4)		1010 (39.8)
Deck point to ground	H138	1023 (40.3)		
Rocker panel-front to ground	H112	233 (9.2)		--
Bottom of door closed-front to ground	H133	295 (11.6)		242 (9.5)
Rocker panel-rear to ground	H111	242 (9.5)		252 (9.9)
Bottom of door closed-rear to ground	H135	297 (11.7)		306 (12.0)
Windshield slope angle	H122	53.5		
Becklight slope angle	H121	41.5		32.5

Ground Clearance **

Front bumper to ground	H102	306 (12.1)		314 (12.4)
Rear bumper to ground	H104	359 (14.1)	362 (14.3)	301 (11.8)
Bumper to ground (front at curb mass (wt.))	H103	333 (13.1)		332 (13.1)
Bumper to ground (rear at curb mass (wt.))	H105	377 (14.8)	380 (15.0)	311 (12.2)
Angle of approach (degrees)	H106	18.0°		18.5°
Angle of departure (degrees)	H107	14.0°		12.4°
Ramp breakover angle (degrees)	H147	14.1°		14.5°
Axle differential to ground (front / rear)	H153	192 (7.6)		194 (7.6)
Min. running ground clearance	H156	148 (5.8)	187 (7.4)	200 (7.9)
Location of min. run. grd. clear.			Front suspension	

** All Vehicle Height And Ground Clearance 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 Accesones Whic Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

Body Type

Sedans	Station Wagon
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Convenience Equipment (standard, optional, n.a.)

Power equipment	Deck lid (release, pull down)		Striker/Fork Bolt Latch W/Remote Release Optional
	Door locks (manual, automatic, describe system)		Striker/Fork Bolt Latch with Remote Control Rods for Lock/Unlock; Latch/Unlatch - Power Lock/Unlock Optional
	Seats	2 - 4 - 6 way, etc.	AG1-Adjuster-Seat PWR 6-Way Driver (Opt) W/AV7 Seat
		Reclining (R.H., L.H.)	AG2-Adjuster-Seat PWR 6-Way Pass (Opt) W/AV7 & AG1
		Memory (R.H., L.H., preset, recline)	AT6-Adjuster-Seat Back Man Pass Recl (Req) W/AV7
		Lumber, hip, thigh, support	A79-Adjuster-Seat Back Man Driver Recl (Req) W/AV7
		Heated (R.H., L.H., other)	AV7-Seat-Frt Split 50/50 (Opt) W/AT6 & A79
	Side windows		A52-Seat-Frt Bench (Base)
	Vent windows		Optional (door windows only) NA 1BL69
	Rear windows		Not Available
Rear windows		Not Available [Standard (Tailgate)]	
Radio systems	Antenna (location, whip, w/shield, power)		Fixed mast, RH front fender, Power opt., Power N/A 1BL69
	Standard		AM/FM Stereo, Seek/Scan, ETR with Clock
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo, Seek/Scan, Auto Revers, Cassette, ETR with Clock
			AM/FM Stereo, Seek/Scan, Auto Reverse Cassette, ETR, Clock and Graphic Equalier
Speaker (number, location)		Two in instrument panel, two in rear package shelf, station shelf, station wagon rear pillars, premium sound available for sedans.	
Roof open air fixed (flip-up, sliding, "T")		Not Available	
Speed control device		Optional	
Speed warning device (light, buzzer, etc.)		Not Available	
Tachometer (rpm)		Not Available	
Telephone system (describe)		Not Available	
Theft deterrent system		Standard - lock mounted on steering column; locks steering wheel, transmission shift lever and ignition.	

MVMA Specifications Form

Vehicle Models CHEVROLET

Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

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Body Type	SAE Ref. No.	4-Door Sedan 1BL69	4-Door Sedan 1BN69-1BU69	4-Door Station Wagon 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)		
Vehicle width (rear doors open)	W121	3470 (136.6)		
Front fender overall width	W106	1900 (74.8)		3426 (134.9)
Rear fender overall width	W107	1911 (75.2)		
Tumble-home (deg.)	W122	24.5		2014 (79.3)
Vehicle width including mirrors				

Length

Wheelbase	L101	2945 (116.0)		
Vehicle length	L103	5386 (212.2)	5405 (212.8)*	5483(215.7)*
Overhang (front)	L104	1030 (40.6)	1039.5(40.9)*	1039.5(40.9)*
Overhang (rear)	L105	1411 (55.6)	1420.5(55.9)*	1498.5(58.9)*
Upper structure length	L123	2366 (93.1)		3506(138.0)
Rear wheel C/L "X" coordinate	L127	2475 (97.4)		
Cowl point "X" coordinate	L125	236 (9.3)		235 (9.3)
Front end length at centerline	L126	1623 (63.9)		
Rear end length at centerline	L129	1150 (45.3)		100 (3.9)

Height **

*Rub strips std equip. on Caprice Classic sedan & wagon

Passenger distribution (front/rear)	PD1.2.3		..	
Trunk/cargo load			..	
Vehicle height	H101	1433 (56.4)		1478 (58.2)
Cowl point to ground	H114	1000 (39.4)		1010 (39.8)
Deck point to ground	H138	1023 (40.3)		--
Rocker panel-front to ground	H112	233 (9.2)		242 (9.5)
Bottom of door closed-front to ground	H133	295 (11.6)		
Rocker panel-rear to ground	H111	242 (9.5)		252 (9.9)
Bottom of door closed-rear to ground	H135	297 (11.7)		306 (12.0)
Windshield slope angle	H122	53.5		
Backlight slope angle	H121	41.5		32.5

Ground Clearance **

Front bumper to ground	H102	306 (12.1)		314 (12.4)
Rear bumper to ground	H104	359 (14.1)	362 (14.3)	301 (11.8)
Bumper to ground (front at curb mass (wt.))	H103	333 (13.1)		332 (13.1)
Bumper to ground (rear at curb mass (wt.))	H105	377 (14.8)	380 (15.0)	
Angle of approach (degrees)	H106	18.0°		18.5°
Angle of departure (degrees)	H107	14.0°		12.4°
Ramp breakover angle (degrees)	H147	14.1°		14.5°
Axle differential to ground (front / rear)	H153	192 (7.6)		194 (7.6)
Min. running ground clearance	H156	148 (5.8)	187 (7.4)	200 (7.9)
Location of min. run. grd. clear.		Front suspension		

** All Vehicle Height And Ground Clearance 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

Vehicle Models CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Body Type	4-Door Sedan 1BL69	4-Door Sedan 1BN69-1BU69	4-Door Station Wagon 1BN35
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Front Compartment

	SAE Ref. No.			
Sg RP front "X" coordinate	L31	1078 (42.4)		
Effective head room	H61	1003 (39.5)	997 (39.3)	1005 (39.6)
Max. eff. leg room (accelerator)	L34	1072 (42.2)		
SgRP to heel point	H30	220 (8.7)		
SgRP to heel point	L53	876 (34.5)		
Back angle	L40	26.5		
Hip angle	L42	97.0		
Knee angle	L44	127.0		
Foot angle	L46	87.0		
Design H-point front travel	L17	163 (6.4)		
Normal driving & riding seat track trvl.	L23	143 (5.6)		
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 maximum diameter*	W9	387 (15.2)		
Steering wheel angle	H18	19.0		
Accel. heel pt. to steer. whl. ctr	L11			
Accel. heel pt. to steer. whl. ctr	H17			
Steering wheel to C/L of thigh	H13	105 (4.1)		104 (4.1)
Steering wheel torso clearance	L7	342 (13.5)		
Headlining to roof panel (front)	H37	13 (0.5)	19 (0.7)	14 (0.6)
Undepressed floor covering thickness	H67	6 (0.2)		

Front Compartment Interior Dimensions Are Measured With The Seating Reference Point (SgRP) _____ mm Forward And _____ mm Upward of Rearmost Position.

Rear Compartment

Sg RP Point couple distance	L50	882 (34.7)		844 (33.2)
Effective head room	H63	971 (38.2)	965 (38.0)	999 (39.3)
Min. effective leg room	L51	992 (39.1)		946 (37.2)
Sg RP (second to heel)	H31	292 (11.5)		307 (12.1)
Knee clearance	L48	91 (3.6)		49 (1.9)
Compartment room	L3	736 (29.0)		720 (28.3)
Shoulder room	W4	1537 (60.5)	1546 (60.9)	1548 (60.9)
Hip room	W6	1405 (55.3)		1398 (55.0)
•• Upper body opening to ground	H51			
Back angle	L41	25.0°		26.5°
Hip angle	L43	92.5		91.0
Knee angle	L45	108.0		98.0
Foot angle	L47	127.0		121.0
Headlining to roof panel (second)	H38	12 (0.5)	16 (0.7)	30 (1.2)
Depressed floor covering thickness	H73	18 (0.7)		

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	5921 (20.9 cu. ft.)		--
•• Lifter height	H195	827 (32.6)		--

Interior Volumes (EPA Classification)

Vehicle class		Large		
Interior volume index (cu. ft.)		110.3		110.5
Trunk/cargo index (cu. ft.)		20.9		50.3

All linear dimensions are in millimeters (inches).
 •• EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line **CHEVROLET**

Model Year **1989**

Issued **6-88**

Revised (e)

Body Type

**Station Wagon - 3 Seat
1B35**

Station Wagon - Third Seat

SAE
Ref.
No.

Seat facing direction	SD1	Rearward
Sg RP couple distance	L85	985 (38.8)
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)
Sg RP to heel point	H87	257 (10.1)
Knee clearance	L87	317 (12.5)
Back angle	L88	25.0°
Hip angle	L89	76.5
Knee angle	L90	70.5
Foot angle	L91	114.5

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 (warehouse)	W201	1224 (48.2)
Rear opening width at floor	W203	1238 (48.7)
Opening width at belt	W204	1224 (48.2)
Min. 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	768 (30.2)
Front seat back to load floor height	H197	
Cargo volume index (m ³ (ft. ³))	V2	2488L (87.9 cu. ft.)
Hidden cargo volume index (m ³ (ft. ³))	V4	Not Available
Cargo volume index-rear of 2-seat	V10	1428L (50.4 cu. ft.)

Hatchback - Cargo Space

Cargo length at front seatback height	L206	Not
Cargo length at floor (front)	L209	Applicable
Cargo length at second seatback height	L210	
Cargo length at floor (second)	L211	
Front seatback to load floor height	H197	
Second seatback to load floor height	H198	
Cargo volume index (m ³ (ft. ³))	V3	
Hidden cargo volume index (m ³ (ft. ³))	V4	
Cargo volume index-rear of 2-seat	V11	

Aerodynamics*

	4-Door Sedans	Station Wgn
Wheel lip to ground, front	H172 709 (27.9)	715 (28.1)
Wheel lip to ground, rear	H173 712 (28.0)	723 (28.5)
Frontal area (m ² (ft. ²))	2.31(24.9)	2.54(27.3)
Drag coefficient (Cd)	Not Available	

* EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

Body Type	4-Door Sedans 1R169 1RN69 1RU69	4-Door Station Wagon 1BN35
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Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	X - Fiducial mark 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 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 the base grid line to rear fiducial mark located on the rail (compartment pan - longitudinal).
	Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rail (compartment pan - longitudinal).
	Z - Fiducial mark to horizontal base grid line - rear, measured vertically from the base grid line to rear fiducial mark located on the rail (compartment pan - longitudinal).

Front	W21*	564 (22.2)	
	L54*	754 (29.7)*	
	H81*	9 (0.4)#	
	H161*	348 (13.7)	349 (13.7)
**	H163*	325 (12.8)	332 (13.1)

Rear	W22*	254 (10.0)	302 (11.9)
	L55*	8533 (139.1)*	3440 (135.4)*
	H82*	86 (3.4)#	-34 (-1.3)#
	H162*	449 (17.7)	331 (13.0)
**	H164*	431 (17.0)	319 (12.6)

* Vertical Base Grid 2000 mm Line.
 # Horizontal Base Grid 500 mm Line.

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.

All linear dimensions are in millimeters (inches).
 ** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

METRIC (U.S. Customary)

		Vehicle Mass (weight)							
Code	Model	CURB MASS, kg. (lb.)*			% PASS. MASS DISTRIBUTION				ETWC**
		Front	Rear	Total	Pass In Front		Pass In Rear		
					Front	Rear	Front	Rear	
Caprice									
IBL69	4-Door Sedan	923.8	751.8	1675.6					4000
	(a)	(2036)	(1657)	(3693)					
Caprice Classic									
IBN69	4-Door Sedan	931.4	753.0	1684.4					4000 FFD
	(a)	(2053)	(1660)	(3713)					4250 CAL
1BN35	3-Seat Station Wagon	919.8	981.7	1901.5					4500
	(b)	(2028)	(2164)	(4192)					
Caprice Classic Brougham									
1BU69	4-Door Sedan	946.3	763.8	1710.1					4250
	(a)	(2086)	(1684)	(3770)					
RPO-L03									
(a)	With V8-305 CID 5.0 Liter Engine								
RPO LV2									
(b)	With V8-307 CID 5.0 Liter Engine								
Curb Weight - The calculated weight of a vehicle with standard equipment only as designed with the additional load of oil, lubes, coolants, and fuel all filled to capacity.									
Shipping Weight - Same as base curb weight, except 3 gallons of gasoline.									

SHIPPING MASS (weight) = Curb Weight Less Kg. (lbs.)

*Reference - SAE J1100 Motor vehicle dimensions, curb weight definition.

** ETWC - Equivalent Test Weight Class - U.S. Environmental Protection Agency emission certifications are based on the ETWC's shown.

NA - Not Applicable - applies to model / series combinations not requiring testing.

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
AG2	Power Front Seat 6-Way Pass., Split Bench (Used with AG1 & AG9) Requires A31	2.6 (5.7)	2.4 (5.3)	5.0 (11.0)	All Models
AN4	Childseat Tether Restraint - Provisions	0 (0)	0.2 (0.4)	0.2 (0.4)	All models - Canadian Only
AP9	Cargo Net - Restraint	0 (0)	0.2 (0.4)	0.2 (0.4)	Sedans Only
AT6	Reclining Seat Back Included with RPO AV7/AM6 R.H. Seat Back Only	0.6 (1.3)	1.0 (2.2)	1.6 (3.5)	1B1 & 1B69, Standard on 1B169
AU3	Electric Side Door Lock System	1.6 (3.5)	1.4 (3.1)	3.0 (6.6)	All models
AV7	Front Seat - 50/50	2.2 (10.6)	9.6 (21.2)	14.4 (31.8)	1B100 & 1B000 Models
A31	Electric Window Control	2.2 (4.8)	3.2 (7.0)	5.4 (11.8)	All models
A90	Trunk Lid Release - Electric Remote	0 (0)	0.6 (1.3)	0.6 (1.3)	All models
BC5	Deluxe Cargo Area Included With RPO-B39	0 (0)	0.6 (1.3)	0.6 (1.3)	1B35
BX3	Woodgrain Applique and Molding (Body side and Tailgate. Not with RPO-D84.)	1.0 (1.8)	2.0 (3.5)	3.0 (5.3)	1B35
B10	Power Tailgate Lock (Includes RPO-AU6)	-0.2 (-0.4)	1.4 (3.1)	1.2 (2.6)	1B35
B34	Floor Mats - Front (Carpeted)	1.6 (3.5)	0.6 (1.3)	2.2 (4.8)	All models
B35	Floor Mats - Rear (Carpeted)	0.4 (0.9)	0.6 (1.3)	1.0 (2.2)	All models

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

		Optional Equipment Differential Mass (weight)*			
Code	Equipment	MASS, kg (lb.)			Remarks Restrictions, Requirements
		Front	Rear	Total	
B39	Carpet - Deluxe Load Floor-Color Keyed	-0.4 (-0.9)	2.6 (5.7)	2.2 (4.8)	1BN35
B48	Deluxe Luggage Compartment Trim	0 (0)	2.8 (6.2)	2.8 (6.2)	1B169, 1BN69, 1BU69
B84	Body Side Molding	0.2 (0.4)	0.6 (1.3)	0.8 (1.8)	All models (except 1BN35, 1BN35, with BX3 optional)
B96	Molding - Wheel Opening	0.2 (0.4)	0.2 (0.4)	0.4 (0.9)	1B100, Base on 1BN & 1BU69 models
CD4	Windshield Wipers and Washers - Pulse type	0.2 (0.4)	0 (0)	0.2 (0.4)	All models
C09	Vinyl Roof Cover - Full Padded	1.2 (2.6)	2.2 (4.8)	3.4 (7.5)	1B169, 1BN69
CB4	Landau Top - Formal	2.2 (4.8)	7.8 (17.2)	10.0 (22.0)	1BU69
C49	Electroclear Rear Window Defogger	0 (0)	0.4 (0.9)	0.4 (0.9)	1B1, 1BN & 1BU69
		0 (0)	0.6 (1.3)	0.6 (1.3)	1BN35
C51	Air Deflector, Rear window, (Forces RPO-V55)	-1.0 (-2.2)	2.6 (5.7)	1.6 (3.5)	1BN35
C93	Lamp Oper	0.4 (0.9)	0.6 (1.3)	1.0 (2.2)	1BU69
D64	Visor Vanity Mirror - RH Visor - Illuminated	0.4 (0.9)	0 (0)	0.4 (0.9)	1BN & 1BU69

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

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
D68	Outside Mirrors - LH and RH Remote Control, Painted	0.8 (1.8)	0.4 (0.9)	1.2 (2.6)	1BU69
		0.4 (0.9)	0 (0)	0.4 (0.9)	1BI & 1BN69 & 35
F40	Suspension - Heavy Duty Front & Rear (N/A F41 Suspension)	0 (0)	0.8 (1.8)	0.8 (1.8)	1BI69, 1BN69, 1BU69 Std. on 1BN35
F41	Sport Suspension Equipment - Front & Rear. Requires RPO-OHJ, PH1, GU4	5.0 (11.0)	8.6 (19.0)	13.6 (30.0)	1BI69, 1BN69, 1BU69 Not available w/G80
G66	Air Booster Rear Shock Absorbers.	0 (0)	0.6 (1.3)	0.6 (1.3)	1BN35
K05	Engine Block Heater	0.4 (0.9)	0 (0)	0.4 (0.9)	All models
K34	Cruise Control - 3 Mode (Cruise Master), with Resume Feature	1.8 (4.0)	0.2 (0.4)	2.0 (4.4)	All models
L05	Engine 5.7 Liter (350 CID) Electronic Fuel Injection V8	15.2 (33.5)	5.6 (12.3)	20.8 (45.8)	1BI69 - Police only
N33	Tilt Steering Column (Comfortilt)	0.8 (1.8)	0.2 (0.4)	1.0 (2.2)	
PB2	Wheel Trim Covers - Sport	-1.6 (-3.5)	-1.4 (-3.1)	-3.0 (-6.6)	1BI & 1BU69, Base for 1BU69
TR9	Auxillary Lighting Group Consists of:				1BI & 1BN69, Standard on 1BU69
U26	Underhood Lamp	0 (0)	0 (0)	0 (0)	1BI & 1BN69, Standard on 1BU69
U29	Instrument Panel Courtesy Lamps	0.2 (0.4)	0 (0)	0.2 (0.4)	1BI & 1BN69, Standard on 1BU69

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET

Model Year 1989 Issued 6-88 Revised (e)

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
C95	Dome Reading Lamp	0.4 (0.9)	0 (0)	0.4 (0.9)	1B1 & 1BN69, Standard on 1BU69
T87	Cornering - Lamps	1.4 (3.1)	-0.2 (-0.4)	1.2 (2.7)	1BN & 1BU69 Only
UA1	Heavy Duty Battery	1.0 (2.2)	-0.2 (-0.4)	0.8 (1.8)	All models
U14	Gauge Package Consists Of: Gauges and Trip Odometer	0.2 (0.4)	0 (0)	0.2 (0.4)	All models
UM6	AM/EM Stereo Radio with Clock and Cassette Player - consists of RPO-U64, U79, UQ1	0.6 (1.3)	0.2 (0.4)	0.8 (1.8)	All models
UU6	AM/EM Stereo/Radio with Equalizer, Cassette, Clock - Consists of RPO U79, U64 & UQ1	0.6 (1.3)	0.2 (0.4)	0.8 (1.8)	All models
U75	Power Antenna Radio Suppression Equipment	0.8 (1.8)	0.2 (0.4)	1.0 (2.2)	1BN/1BU69
T82	Twilight Sentinel	0.2 (0.4)	0 (0)	0.2 (0.4)	1BN/1BU69
U79	Speakers, Extended Range Dual Front, Dual Rear Used With UK4, UM6, UM7 or U45.	0 (0)	1.0 (2.2)	1.0 (2.2)	1B1, 1BN, 1BU69
VE5	Bumper Impact Strips, Front and Rear	1.2 (2.6)	1.0 (2.2)	2.2 (4.8)	Optional 1B100, Base
V08	Cooling - Heavy Duty	3.6 (7.9)	-0.4 (-0.9)	3.2 (7.0)	All models
V55	Roof Luggage Carrier	-1.0 (-2.2)	8.4 (18.5)	7.4 (16.3)	1BN35

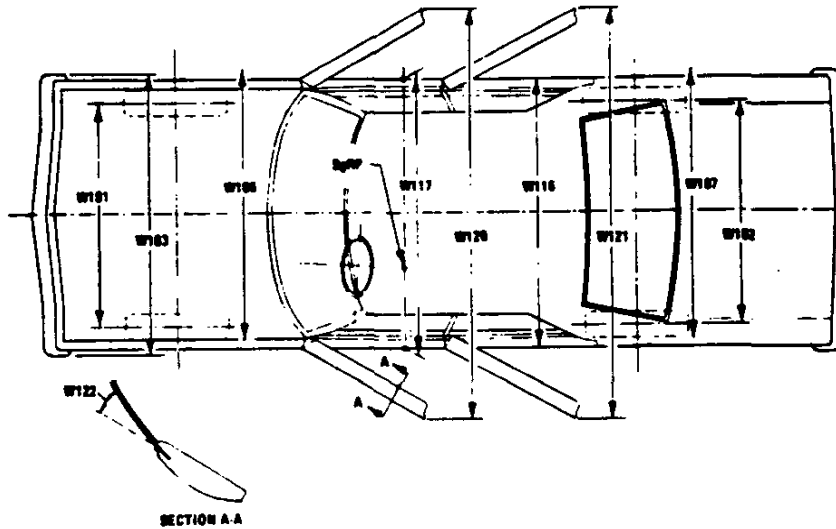
* Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form

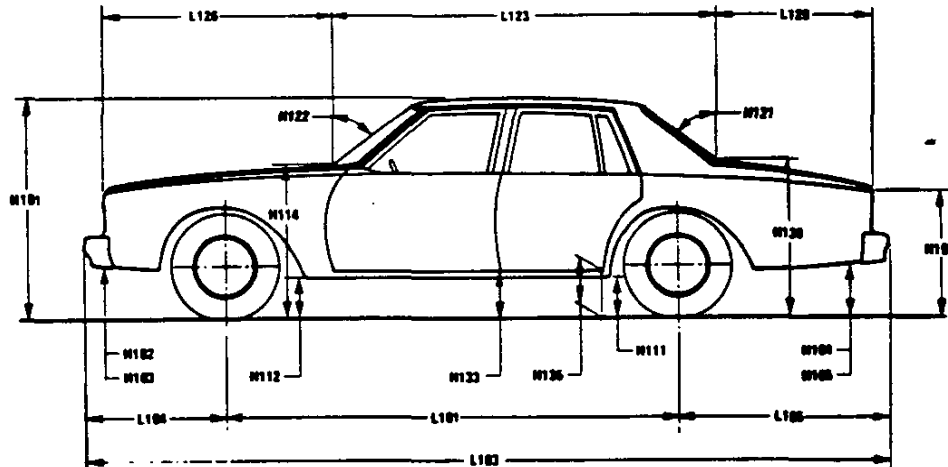
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions - Key Sheet

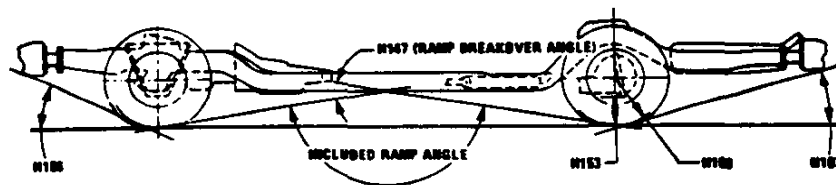
Exterior Width



Exterior Length & Height



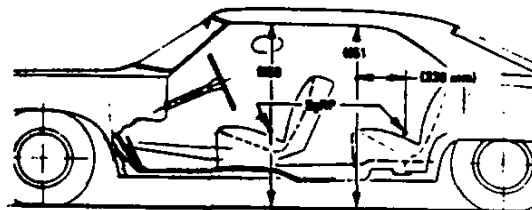
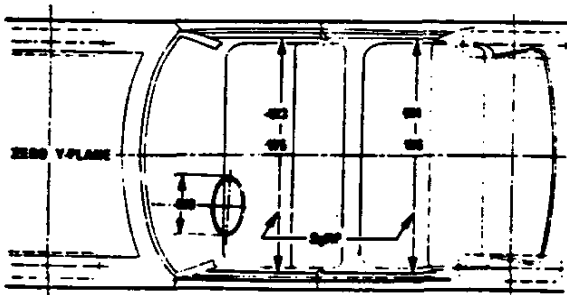
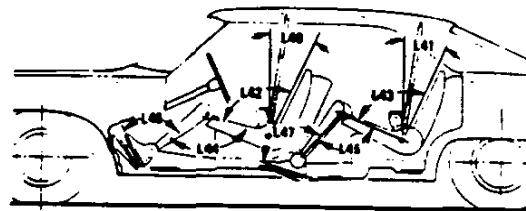
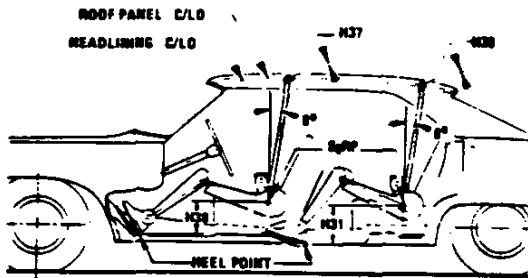
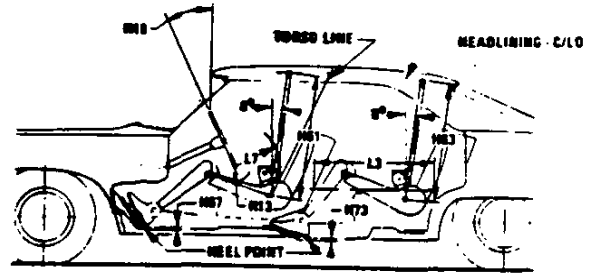
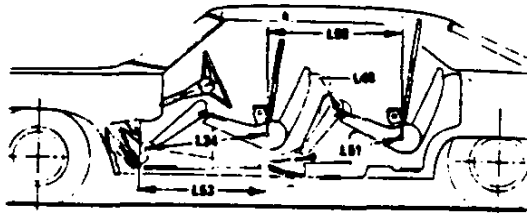
Exterior Ground Clearance



MVMA Specifications Form

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

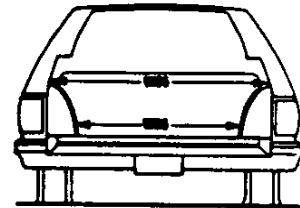
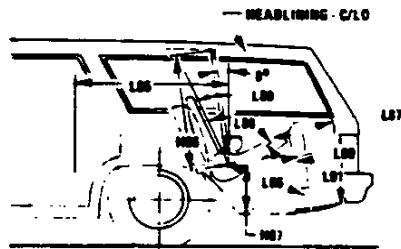


MVMA Specifications Form

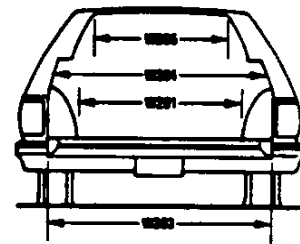
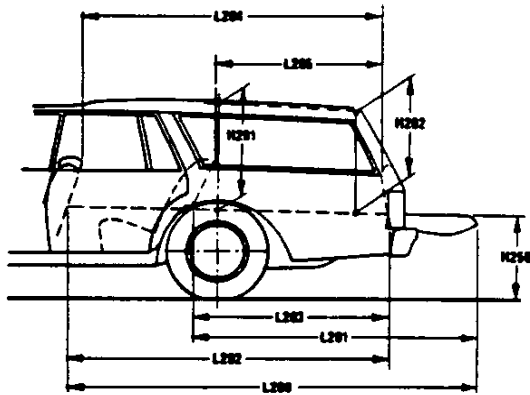
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet

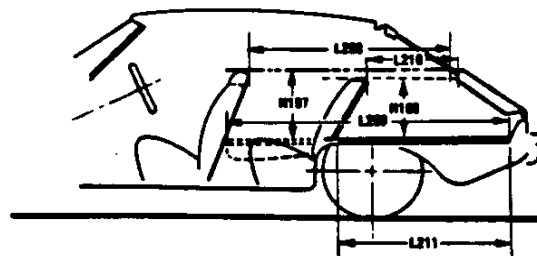
Third Seat



Cargo Space



Station Wagon



Hatchback

MVMA Specifications Form

METRIC (U.S. Customary)

Exterior Vehicle 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 coordinate 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, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations."

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.
- W106 FRONT FENDER WIDTH. The dimension measured between the widest points at the front wheel centerline, excluding moldings.
- W107 REAR FENDER WIDTH. The dimension measured between the widest points at the rear wheel centerline, excluding moldings.
- 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

- 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.
- 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.
- 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.
- L125 COWL POINT "X" COORDINATE.
- L126 FRONT END LENGTH. The dimension measured longitudinally from the cowl point to the foremost point on the vehicle at the zero "Y" plane excluding ornamentation or bumpers. In cases where bumpers and/or grills are integrated with the profile, measurement is made at the foremost point of front end contour.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.
- L129 REAR END LENGTH. The dimension measured longitudinally from the deck point to the rearmost visible point of the body sheet metal at the zero "Y" plane, excluding ornamentation or bumpers.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body 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.
- 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.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- 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 arc 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.
- H133 BOTTOM OF DOOR CLOSED-FRONT 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.
- 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.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATIC LOAD-TIRE RADIUS-REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

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.
- H103 FRONT BUMPER TO GROUND-CURB MASS (WT.). Measured in the same manner as H102.

MVMA Specifications Form

Vehicle Models CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Body Type	4-Door Sedan 1BL69	4-Door Sedan 1BN69-1BU69	4-Door Station Wagon 1BN35
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Front Compartment

SAE
Ref.
No.

Sg RP front, "X" coordinate	L31	1078 (42.4)		
Effective head room	H81	1003 (39.5)	997 (39.3)	1005 (39.6)
Max. eff. leg room (accelerator)	L34	1072 (42.2)		
SgRP to heel point	H30	220 (8.7)		
SgRP to heel point	L53	876 (34.5)		
Back angle	L40	26.5		
Hip angle	L42	97.0		
Knee angle	L44	127.0		
Foot angle	L46	87.0		
Design H-point front travel	L17	163 (6.4)		
Normal driving & riding seat track trvl.	L23	143 (5.6)		
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 maximum diameter*	W9	387 (15.2)		
Steering wheel angle	H18	19.0		
Accel. heel pt. to steer. whl. cntr	L11			
Accel. heel pt. to steer. whl. cntr	H17			
Steering wheel to C/L of thigh	H13	105 (4.1)		104 (4.1)
Steering wheel torso clearance	L7	342 (13.5)		
Headlining to roof panel (front)	H37	13 (0.5)	10 (0.7)	14 (0.6)
Undepressed floor covering thickness	H67	6 (0.2)		

Front Compartment Interior Dimensions Are Measured With The Seating Reference Point (SgRP) _____ mm Forward And _____ mm Upward of Rearmost Position.

Rear Compartment

Sg RP Point couple distance	L50	882 (34.7)		844 (33.2)
Effective head room	H83	971 (38.2)	965 (38.0)	999 (39.3)
Min. effective leg room	L51	992 (39.1)		946 (37.2)
Sg RP (second to heel)	H31	292 (11.5)		307 (12.1)
Knee clearance	L48	91 (3.6)		49 (1.9)
Compartment room	L3	736 (29.0)		720 (28.3)
Shoulder room	W4	1537 (60.5)	1546 (60.9)	1548 (60.9)
Hip room	W6	1405 (55.3)		1398 (55.0)
Upper body opening to ground	H51			
Back angle	L41	25.0°		26.5°
Hip angle	L43	92.5		91.0
Knee angle	L45	108.0		98.0
Foot angle	L47	127.0		121.0
Headlining to roof panel (second)	H38	12 (0.5)	10 (0.7)	30 (1.2)
Depressed floor covering thickness	H73	18 (0.7)		

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	5921 (20.9 cu. ft.)		--
Liftover height	H195	827 (32.6)		--

Interior Volumes (EPA Classification)

Vehicle class		Large		
Interior volume index (cu. ft.)		110.3		110.5
Trunk/cargo index (cu. ft.)		20.9		50.3

All linear dimensions are in millimeters (inches).

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

Vehicle Line **CHEVROLET**
 Model Year **1989** Issued **6-88** Revised (e) _____

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Body Type Station Wagon - 3 Seat
1BN35

SAE
Ref.
No.

Station Wagon - Third Seat

Seat facing direction	SD1	Rearward
Sg RP couple distance	L85	985 (38.8)
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)
Sg RP to heel point	H87	257 (10.1)
Knee clearance	L87	317 (12.5)
Back angle	L88	25.0°
Hip angle	L89	76.5
Knee angle	L90	70.5
Foot angle	L91	114.5

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)
Min. 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	768 (30.2)
Front seat back to load floor height	H197	
Cargo volume index (m ³ (ft. ³))	V2	2488L (87.9 cu. ft.)
Hidden cargo volume index (m ³ (ft. ³))	V4	Not Available
Cargo volume, index-rear of 2-seat	V10	1428L (50.4 cu. ft.)

Hatchback - Cargo Space

Cargo length at front seatback height	L208	Not
Cargo length at floor (front)	L209	Applicable
Cargo length at second seatback height	L210	
Cargo length at floor (second)	L211	
Front seatback to load floor height	H197	
Second seatback to load floor height	H198	
Cargo volume index (m ³ (ft. ³))	V3	
Hidden cargo volume index (m ³ (ft. ³))	V4	
Cargo volume index-rear of 2-seat	V11	

Aerodynamics*

	4-Door Sedans	Station Wgn
Wheel lip to ground, front	H172 709 (27.9)	715 (28.1)
Wheel lip to ground, rear	H173 712 (28.0)	723 (28.5)
Frontal area (m ² (ft. ²))	2.31(24.9)	2.54(27.3)
Drag coefficient (Cd)	Not Available	

* EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

Body Type	4-Door Sedans 1R169 1RN69 1RU69	4-Door Station Wagon 1BN35
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Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	X - Fiducial mark 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 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 the base grid line to rear fiducial mark located on the rail (compartment pan - longitudinal).
	Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rail (compartment pan - longitudinal).
	Z - Fiducial mark to horizontal base grid line - rear, measured vertically from the base grid line to rear fiducial mark located on the rail (compartment pan - longitudinal).

Front	W21°	564 (22.2)	
	L54°	754 (29.7)*	
	H81°	9 (0.4)#	
	H181°	348 (13.7)	349 (13.7)
	** H183°	325 (12.8)	332 (13.1)

Rear	W22°	254 (10.0)	302 (11.9)
	L55°	8533 (139.1)*	3440 (135.4)*
	H82°	86 (3.4)#	-34 (-1.3)#
	H182°	449 (17.7)	331 (13.0)
	** H184°	431 (17.0)	319 (12.6)

* Vertical Base Grid 2000 mm Line.
 # Horizontal Base Grid 500 mm Line.

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.
 All linear dimensions are in millimeters (inches).
 ** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

		Vehicle Mass (weight)							
Code	Model	CURB MASS, kg. (lb.)*			% PASS. MASS DISTRIBUTION				ETWC**
		Front	Rear	Total	Pass in Front		Pass in Rear		
					Front	Rear	Front	Rear	
Caprice									
1BL69	4-Door Sedan	923.8	751.8	1675.6					4000
	(a)	(2036)	(1657)	(3693)					
Caprice Classic									
1BN69	4-Door Sedan	931.4	753.0	1684.4					4000 FFD
	(a)	(2053)	(1660)	(3713)					4250 CAL
1BN35	3-Seat	919.8	981.7	1901.5					4500
	Station Wagon	(2028)	(2164)	(4192)					
	(b)								
Caprice Classic Brougham (a)									
1BU69	4-Door Sedan	946.3	763.8	1710.1					4250
	(a)	(2086)	(1684)	(3770)					
RPO-L03 (a) With V8-305 CID 5.0 Liter Engine									
RPO LV2 (b) With V8-307 CID 5.0 Liter Engine									
Curb Weight - The calculated weight of a vehicle with standard equipment only as designed with the additional load of oil, lubes, coolants, and fuel all filled to capacity.									
Shipping Weight - Same as base curb weight, except 3 gallons of gasoline.									

SHIPPING MASS (weight) = Curb Weight Less Kg. (lbs.) _____

*Reference - SAE J1100 Motor vehicle dimensions, curb weight definition.

** ETWC - Equivalent Test Weight Class - U.S. Environmental Protection Agency emission certifications are based on the ETWC's shown.

NA - Not Applicable - applies to model/series combinations not requiring testing.

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e)

		Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
Code	Equipment	MASS, kg. (lb.)			
		Front	Rear	Total	
AG2	Power Front Seat 6-Way Pass., Split Bench (Used with AG1 & AG9) Requires A31	2.6 (5.7)	2.4 (5.3)	5.0 (11.0)	All Models
AN4	Childseat Tether Restraint - Provisions	0 (0)	0.2 (0.4)	0.2 (0.4)	All models - Canadian Only
AP9	Cargo Net - Restraint	0 (0)	0.2 (0.4)	0.2 (0.4)	Sedans Only
AT6	Reclining Seat Back Included with RPO AV7/AM6 R.H. Seat Back Only	0.6 (1.3)	1.0 (2.2)	1.6 (3.5)	1B1 & 1B69, Standard on 1B69
AU3	Electric Side Door Lock System	1.6 (3.5)	1.4 (3.1)	3.0 (6.6)	All models
AV7	Front Seat - 50/50	2.2 (10.6)	9.6 (21.2)	14.4 (31.8)	1B100 & 1B00 Models
A31	Electric Window Control	2.2 (4.8)	3.2 (7.0)	5.4 (11.8)	All models
A90	Trunk Lid Release - Electric Remote	0 (0)	0.6 (1.3)	0.6 (1.3)	All models
BC5	Deluxe Cargo Area Included With RPO-B39	0 (0)	0.6 (1.3)	0.6 (1.3)	1B35
BX3	Woodgrain Applique and Molding (Body side and Tailgate. Not with RPO-D84.)	1.0 (1.8)	2.0 (3.5)	3.0 (5.3)	1B35
B10	Power Tailgate lock (Includes RPO-AU6)	-0.2 (-0.4)	1.4 (3.1)	1.2 (2.6)	1B35
B34	Floor Mats - Front (Carpeted)	1.6 (3.5)	0.6 (1.3)	2.2 (4.8)	All models
B35	Floor Mats - Rear (Carpeted)	0.4 (0.9)	0.6 (1.3)	1.0 (2.2)	All models

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

		Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
Code	Equipment	MASS, kg. (lb.)			
		Front	Rear	Total	
B39	Carpet - Deluxe Load	-0.4	2.6	2.2	1BN35
	Floor-Color Keyed	(-0.9)	(5.7)	(4.8)	
B48	Deluxe Luggage	0	2.8	2.8	1B169, 1BN69, 1BU69
	Compartment Trim	(0)	(6.2)	(6.2)	
B84	Body Side Molding	0.2	0.6	0.8	All models (except 1BN35, 1BN35, with BX3 optional)
		(0.4)	(1.3)	(1.8)	
B96	Molding - Wheel Opening	0.2	0.2	0.4	1B100, Base on 1BN & 1BU69 models.
		(0.4)	(0.4)	(0.9)	
CD4	Windshield Wipers and Washers - Pulse type	0.2	0	0.2	All models
		(0.4)	(0)	(0.4)	
C09	Vinyl Roof Cover - Full Padded	1.2	2.2	3.4	1B169, 1BN69
		(2.6)	(4.8)	(7.5)	
CB4	Landau Top - Formal	2.2	7.8	10.0	1BU69
		(4.8)	(17.2)	(22.0)	
C49	Electroclear Rear Window Defogger	0	0.4	0.4	1B1, 1BN & 1BU69
		(0)	(0.9)	(0.9)	
		0	0.6	0.6	1BN35
		(0)	(1.3)	(1.3)	
C51	Air Deflector, Rear window, (Forces RPO-V55)	-1.0	2.6	1.6	1BN35
		(-2.2)	(5.7)	(3.5)	
C93	Lamp Oper	0.4	0.6	1.0	1BU69
		(0.9)	(1.3)	(2.2)	
D64	Visor Vanity Mirror - RH Visor - Illuminated	0.4	0	0.4	1BN & 1BU69
		(0.9)	(0)	(0.9)	

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

MVMA Specifications Form

Vehicle Line CHEVROLET
 Model Year 1989 Issued 6-88 Revised (e) _____

METRIC (U.S. Customary)

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
D68	Outside Mirrors - LH and RH Remote Control, Painted	0.8 (1.8)	0.4 (0.9)	1.2 (2.6)	1BU69
		0.4 (0.9)	0 (0)	0.4 (0.9)	1B1 & 1BN69 & 35
F40	Suspension - Heavy Duty Front & Rear (N/A F41 Suspension)	0 (0)	0.8 (1.8)	0.8 (1.8)	1B169, 1BN69, 1BU69 Std. on 1BN35
F41	Sport Suspension Equipment - Front & Rear. Requires RPO-QHJ, PH1, GU4	5.0 (11.0)	8.6 (19.0)	13.6 (30.0)	1B169, 1BN69, 1BU69 Not available w/G80
G66	Air Booster Rear Shock Absorbers.	0 (0)	0.6 (1.3)	0.6 (1.3)	1BN35
K05	Engine Block Heater	0.4 (0.9)	0 (0)	0.4 (0.9)	All models
K34	Cruise Control - 3 Mode (Cruise Master), with Resume Feature	1.8 (4.0)	0.2 (0.4)	2.0 (4.4)	All models
L05	Engine 5.7 Liter (350 CID) Electronic Fuel Injection V8	15.2 (33.5)	5.6 (12.3)	20.8 (45.8)	1B169 - Police only
N33	Tilt Steering Column (Comfortilt)	0.8 (1.8)	0.2 (0.4)	1.0 (2.2)	
PB2	Wheel Trim Covers - Sport	-1.6 (-3.5)	-1.4 (-3.1)	-3.0 (-6.6)	1B1 & 1BU69, Base for 1BU69
TR9	Auxillary Lighting Group Consists of:				1B1 & 1BN69, Standard on 1BU69
U26	Underhood Lamp	0 (0)	0 (0)	0 (0)	1B1 & 1BN69, Standard on 1BU69
U29	Instrument Panel Courtesy Lamps	0.2 (0.4)	0 (0)	0.2 (0.4)	1B1 & 1BN69, Standard on 1BU69

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line CHEVROLET

Model Year 1989 Issued 6-88 Revised (e)

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
C95	Dome Reading Lamp	0.4 (0.9)	0 (0)	0.4 (0.9)	1B1 & 1BN69, Standard on 1BU69
T87	Cornering - Lamps	1.4 (3.1)	-0.2 (-0.4)	1.2 (2.7)	1BN & 1BU69 Only
UA1	Heavy Duty Battery	1.0 (2.2)	-0.2 (-0.4)	0.8 (1.8)	All models
U14	Gauge Package Consists Of: Gauges and Trip Odometer	0.2 (0.4)	0 (0)	0.2 (0.4)	All models
UM6	AM/FM Stereo Radio with Clock and Cassette Player - consists of RPO-U64, U79, UQ1	0.6 (1.3)	0.2 (0.4)	0.8 (1.8)	All models
UU6	AM/FM Stereo/Radio with Equalizer, Cassette, Clock - Consists of RPO U79, U64 & UQ1	0.6 (1.3)	0.2 (0.4)	0.8 (1.8)	All models
U75	Power Antenna Radio Suppression Equipment	0.8 (1.8)	0.2 (0.4)	1.0 (2.2)	1BN/1BU69
T82	Twilight Sentinel	0.2 (0.4)	0 (0)	0.2 (0.4)	1BN/1BU69
U79	Speakers, Extended Range Dual Front, Dual Rear Used With UK4, UM6, UM7 or UU6.	0 (0)	1.0 (2.2)	1.0 (2.2)	1B1, 1BN, 1BU69
VE5	Bumper Impact Strips, Front and Rear	1.2 (2.6)	1.0 (2.2)	2.2 (4.8)	Optional 1BL00, Base
V08	Cooling - Heavy Duty	3.6 (7.9)	-0.4 (-0.9)	3.2 (7.0)	All models
V55	Roof Luggage Carrier	-1.0 (-2.2)	8.4 (18.5)	7.4 (16.3)	1BN35

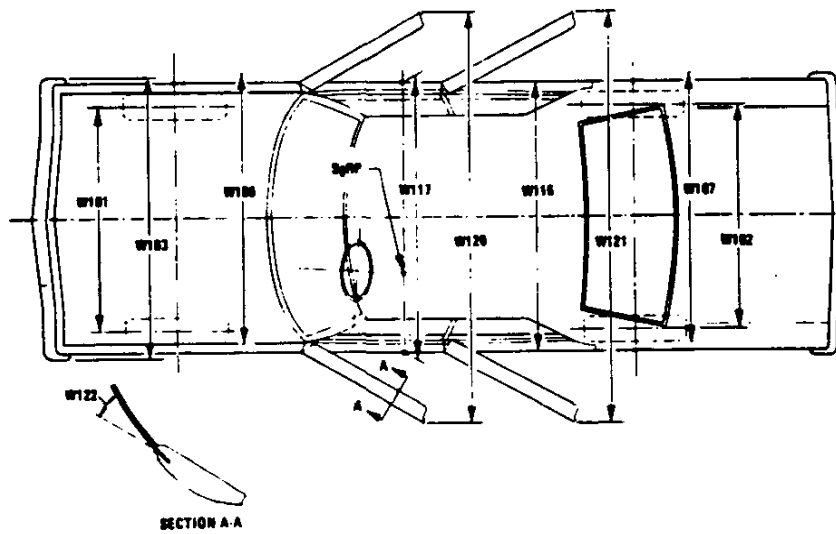
* Also see Engine - General Section for dressed engine mass (weight).

MVMA Specifications Form

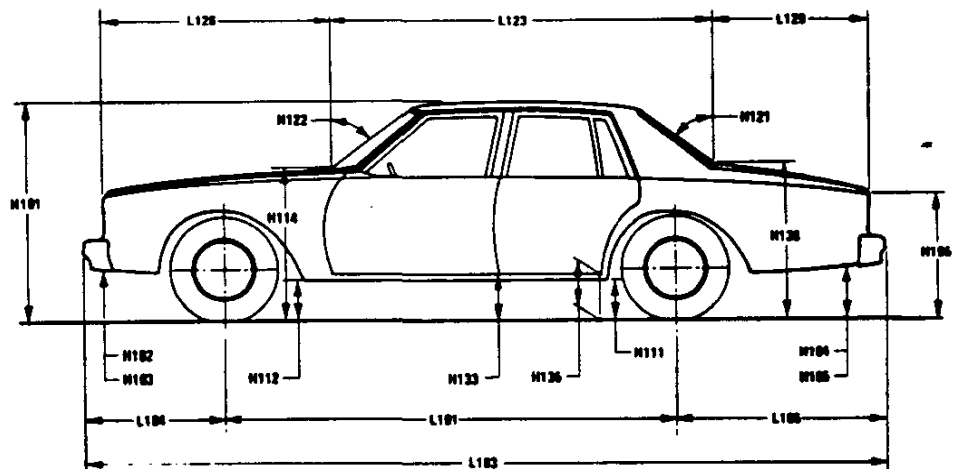
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions - Key Sheet

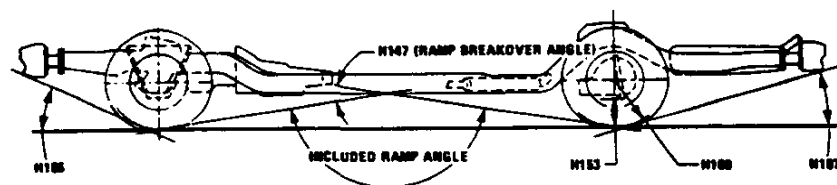
Exterior Width



Exterior Length & Height



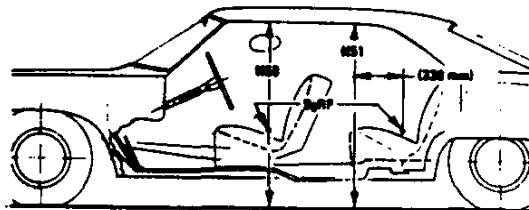
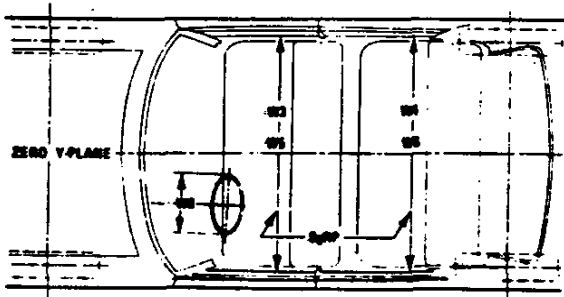
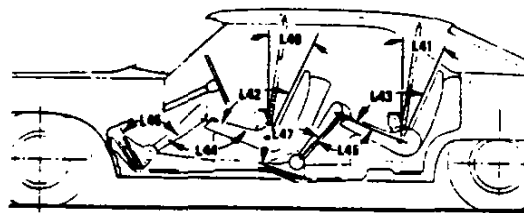
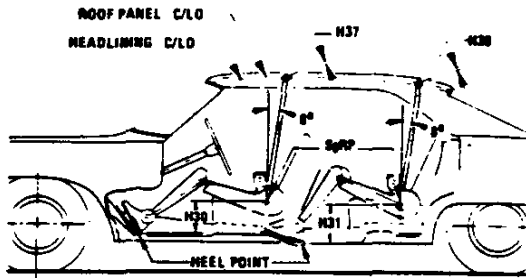
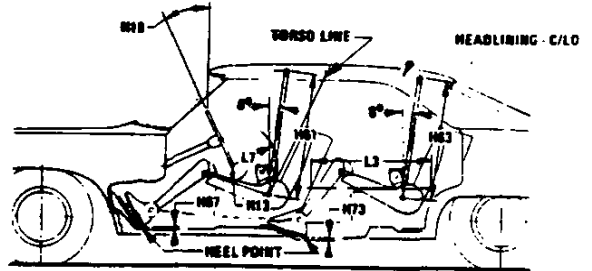
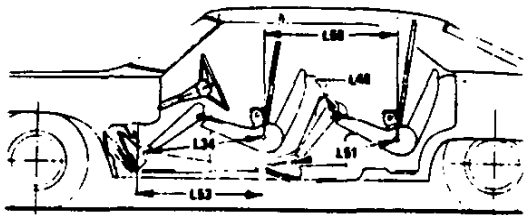
Exterior Ground Clearance



MVMA Specifications Form

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

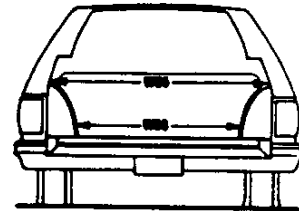
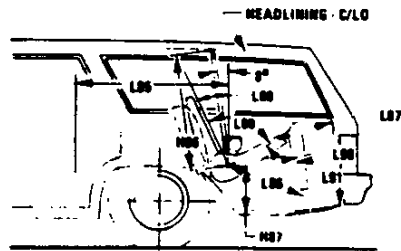


MVMA Specifications Form

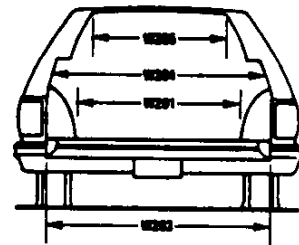
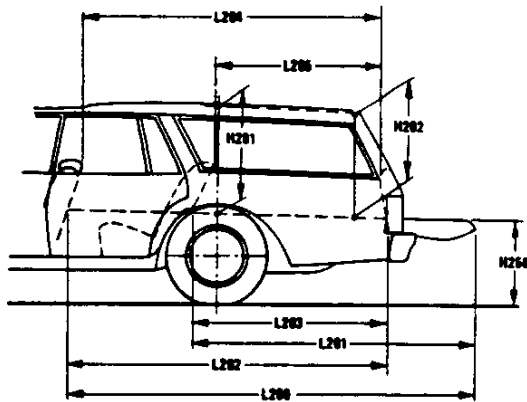
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

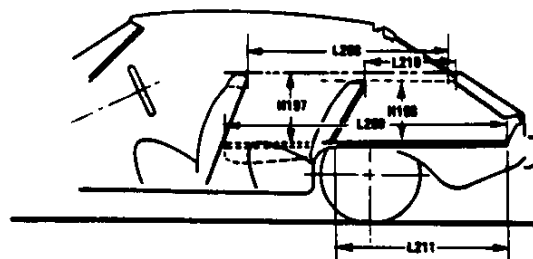
Third Seat



Cargo Space



Station Wagon



Hatchback

MVMA Specifications Form

METRIC (U.S. Customary)

Exterior Vehicle 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, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations."

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.
- W106 FRONT FENDER WIDTH. The dimension measured between the widest points at the front wheel centerline, excluding moldings.
- W107 REAR FENDER WIDTH. The dimension measured between the widest points at the rear wheel centerline, excluding moldings.
- 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

- 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.
- 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.
- 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.
- L125 COWL POINT "X" COORDINATE.
- L126 FRONT END LENGTH. The dimension measured longitudinally from the cowl point to the foremost point on the vehicle at the zero "Y" plane excluding ornamentation or bumpers. In cases where bumpers and/or grills are integrated with the profile, measurement is made at the foremost point of front end contour.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.
- L129 REAR END LENGTH. The dimension measured longitudinally from the deck point to the rearmost visible point of the body sheet metal at the zero "Y" plane, excluding ornamentation or bumpers.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body 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.
- 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.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- 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 arc 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.
- H133 BOTTOM OF DOOR CLOSED-FRONT 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.
- 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.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATIC LOAD-TIRE RADIUS-REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

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.
- H103 FRONT BUMPER TO GROUND-CURB MASS (WT.). Measured in the same manner as H102.

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H	List Price	Mfr's Suggested Retail Price [○]
Cable, Coaxial Radio Antenna (RG58AU): 1BL69 only. Routed from just rearward of dome light location to trunk 27' coiled between headlining and roof panel with sufficient length to reach either corner of trunk. No hole in roof panel	42	6C8					21.00
Cap, Hub: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Available with standard black wheels only.	42	1V2					-48.00
Conduit, Two-Way Radio Control Cable: 1BL69 only. Routed inside vehicle from below dash to trunk area. Includes pullcord inside conduit to facilitate snaking of radio wires plus 7/8" hole with removable plug in firewall to provide access to battery in engine compartment. Not available with RPO AG2 passenger power seat	56	6C9					99.00
Cooler, Hydraulic Steering Oil: 1BL69 only. .	56	7L9					34.00
Cooler, HD Transmission Oil: Sedan only. Available only when RPO V08 HD cooling is ordered and priced. Provides increased cooling capacity in radiator assembly	35	7L8					31.00
Engine: 1BL69 only. 4.3 Liter T.B.I. V6. FOR FLEET USE ONLY	70	LB4					-440.00
5.7 Liter T.B.I. V8. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	70	L05					150.00
Gauges: Voltmeter, Temperature and Oil Pressure. 1BL69 only. Provides 0-30-60 oil pressure, 100-220-260 water temperature and voltmeter gauges. Mounted in instrument panel just right of steering column	56	7Z4					198.00
Generator: 120-Amp Delcotron. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced.							
With air conditioning and RPO C49 rear defogger .	56	7L1					145.00
With air conditioning or RPO C49 rear defogger . .	56	7L1					170.00
Without air conditioning or RPO C49 rear defogger	56	7L1					195.00
Handles: Rear Doors Inoperative. 1BL69 and wagon only	42	6B2					13.00
Inside Driver Door and Lock Release: 1BL69 only. Unlocks and opens door simultaneously. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when RPO AU3 power door locks are specified	56	6N1					67.00
Rear Windows Inoperative: 1BL69 only. Handles removed or power disconnected	56	6N5					9.00
Inside Rear Grab Handles: Mounted to side rail above rear doors. Available only when SEO 9C6 Taxi Equipment is specified	35	6N8					29.00
Heater: Replaces Air Conditioning. 1BL69 only. Available only when RPO LB4 4.3 Liter T.B.I. V6 engine is specified	42	C41					-775.00

- Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.
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SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
Hole, Roof Panel: 1BL69 only.							
<i>Centerline.</i> Available only when SEO 6F5 roof wiring is ordered and priced. Includes 1.5" hole drilled on centerline of roof panel approximately 18" rearward of windshield opening, roof wiring extended through hole, secured and sealed	42	6B7					10.00
<i>Right Side.</i> Available only when SEO 6F5 wiring is ordered and priced. Not available with SEO 6B7 hole in roof panel	42	6J5					5.00
Hose Clamps, Worm Gear: 1BL69 only.							
Available only when RPO L05 5.7 Liter T.B.I. V8 Engine is ordered and priced. Included when SEO 1T1 Radiator Heater Hose is ordered and priced	42	1E2					11.00
Hoses, Silicone Radiator and Heater. 1BL69 only.							
Not available when RPO LB4 4.3 Liter T.B.I. V8 Engine or RPO C41 Heater are specified	21	1T1					122.00
Interior, Anti-Corrosion Protection: 1BL69 only.							
Included when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is specified. Provides hot melt pads under front and rear floor insulators	35	1Z2					30.00
Key Equipment: 1BL69 and Wagon only.							
Single key system. Three keys furnished for each unit. Not available when RPO T87 cornering lamps are specified. When RPO N33 tilt steering wheel is specified RPO CD4 intermittent windshield wipers must also be ordered and priced.							
All units coded individually	56	6A4					20.00
All units coded alike	56	6E2					20.00
Lamps:							
<i>Dome and Reading Map. 1BL69 only.</i> Replaces production dome light. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced ..							
	42	6C5					33.00
<i>Extra Dome. 1BL69 and Wagon only.</i> Located 10" rearward of windshield with switch at base of light.							
Wired independently of standard dome light	42	6C7					22.00
<i>Underhood.</i>	42	7Y1					17.00
<i>Rear window auxiliary. 1BL69 only.</i> Includes turn signal and stop (two 4-inch round, red). Available only when SEO 9C1 Police Chassis Equipment is ordered and priced							
	42	6J6					170.00
<i>Door Open Warning. 1BL69 only.</i> Included when SEO 9C6 Taxi Equipment is ordered and priced							
	42	7Y2					40.00
Locks, Rear Door Inoperative: 1BL69 only.							
Available with power or manual locks	42	6N6					11.00
Mat, Heavy-Duty Front and Rear Floor:							
1BL69 and Wagon only. Replaces production carpet. Not available in cargo area on wagon. Available only when SEO 1Z2 interior anti-corrosion protection is ordered and priced. Included when SEO 9C6 Taxi Equipment is ordered and priced	42	6A3	22.10	21.32	N.A.	26.00	26.00

* Dealer Invoice Amount includes 3% hold back. Amount retained for dealer's account.
 † D & H Charges on vehicles and optional equipment include reimbursement to ordering Division for any tax that it has paid, incurred or agreed to pay thereon.
 ◇ State and local taxes not included

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116' WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price◇							
Police Chassis Equipment: 1B169 only. Available only with the following options which must be ordered and priced. Engines: (Choose One) RPO LB4 4.3 Liter V6 Engine which includes 3.08 ratio rear axle RPO LO3 5.0 Liter V8 Engine which includes 3.08 ratio rear axle. RPO LO5 5.7 Liter V8 Engine which includes 3.42 ratio rear axle. Generator: SEO 7L1 120-amp Delcotron generator. Speedometer: (Choose One) SEO 7Z8 Regular Production Speedometer. SEO 7Z9 (AVAILABLE TO LAW ENFORCEMENT AGENCIES ONLY) Tires: RECOMMENDED: (Choose One) SEO 5AN P225/70HR15 SBR W/S All Season SEO 5AQ P225/70HR15 SBR B/W All Season AVAILABLE: (Choose One) SEO 5JJ P225/70HR15 Steel Belted Radial W/S SEO 5JK P225/70HR15 Steel Belted Radial B/W NON RECOMMENDED: RPO QCE/SAA P205/75R15 Steel Belted Radial B/W RPO QCG/SAA P205/75R15 Steel Belted Radial W/S Speedometer Gear: SEO 9A3. Included are the following features: Engine valve train durability features Increased gage for certain frame members HD Battery equivalent to 89 amp-hr, 730 CCA/115 min. RC (RPO UA1 battery not available) Dual outside rearview mirrors, left and right hand remote Fuel vapor return system with V8 Special police pursuit suspension which includes front and rear stabilizer bar, special springs, shocks, firm-feel steering, and specific body mounts 8.5" ring gear rear axle Temperature controlled fan Heavy-Duty front and rear brakes with semi-metallic front brake lining and 11" x 2" rear brake drums Large bolt circle 15" x 7" wheels HD Cooling System Anti-corrosion hot melt pads under front and rear floor insulators Full wheel covers Radio bonding strap package (seven ground straps) Special balanced drive shaft Special calibrated transmission with RPO LO5 5.7 liter V8 engine A/C head pressure switch (5.7L V8 only) External engine oil cooler Provision for horn siren circuit connection Without RPO C41 Heater 70 9C1 With RPO C41 Heater 70 9C1														559.00 589.00
Reinforcement, Roof: 1B169 only. 14" wide plate located in center of roof. Provides support for after market installation of roof lights/siren equipment weighing up to 25 lbs. Located longitudinal on roof centerline from first roof bow.								49	532					21.00

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SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
Roof Wiring Equipment: 1BL69 only. Includes eight 12-gauge and two 10-gauge color-coded wires routed from a point underneath roof panel, 18" rearward of windshield opening at centerline of vehicle to a point under instrument panel; 24" of wire coiled between headlining and roof panel; 36" of wire coiled and taped to firewall at centerline of vehicle. No hole in roof panel	49	6F5					55.00
Seat, Deletion: 1BN35 only. Deletes the third seat and replaced with production carpet	42	6Y2					-125.00
Seats: 1BL69 only. Includes high density back and seat cushion. Available only when SEO 6R6 HD vinyl, SEO 6R7 HD cloth or SEO 6R8 HD cloth front/HD vinyl rear seat trim and SEO 6C2 HD rear seat are ordered and priced. When RPO AG1 Driver Power Seat or RPO AG2 Passenger Power Seat is specified RPO A31 Power Windows must also be ordered and priced.							
<i>Heavy-Duty Front Bench.</i> Not available with power seats. Included when SEO 9C6 Taxi Equipment is specified	42	6C1					21.00
<i>Heavy-Duty Rear.</i> Available only when SEO HD front seat is ordered and priced. Included when SEO 9C6 Taxi Equipment is specified	42	6C2					24.00
<i>45/45 Front Split.</i> Not available when RPO AG2 passenger power seat is specified. Approximately 10" between seats	49	6C4					277.00
<i>50/50 HD Front Bench</i>	42	6F3					346.00
<i>50/50 Heavy-Duty Front Bench with Center Armrest.</i>	42	6G3					377.00
Seat Trim: 1BL69 only. Available in dark blue or light brown only. Also available only when SEO HD front seat is ordered and priced.							
Vinyl Trim-HD Seamless. Available only when GDD1 dark blue bench, GDD3 dark blue 50/50, GDD4 dark blue 45/45, GEE1 light brown bench, GEE3 light brown 50/50, or GEE4 light brown 45/45 seat trim is specified. Included when SEO 9C6 is ordered and priced	42	6R6					62.00
Cloth Trim-H.D. Available only when PDD1 dark blue bench, PDD3 dark blue 50/50, PDD4 dark blue 45/45, PEE1 light brown bench, PEE3 light brown 50/50 or PEE4 light brown 45/45 seat trim is specified	42	6R7					42.00
Cloth Front/Vinyl Seamless Rear-HD. Available only when TDD1 dark blue bench, TDD3 dark blue 50/50, TDD4 dark blue 45/45, TEE1 light brown bench, TEE3 light brown 50/50 or TEE4 light brown 45/45 seat trim is specified	42	6R8					37.00
Spare Tire and Wheel Deletion: 1BL69 only. Not available when SEO 5AN, SEO 5AQ, SEO 5JJ or SEO 5JK police tires are specified	42	6Y4					-25.00
Speedometer Gear: Required when SEO tires are ordered and priced	42	9A3					2.00
Speedometers:							
<i>Police Type.</i> 1BL69 only. Displays speeds to 120-mph, graduated in 2-mph increments. (AVAILABLE TO LAW ENFORCEMENT AGENCIES ONLY.)	56	7Z9					19.00
<i>Production Type.</i> 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	42	7Z8					N.C.

* Dealer Invoice Amount includes 3% Holdback Amount for dealer's account
 † D & H Charges on vehicles and optional equipment that it has paid, incurred or agreed to pay thereon
 ◇ State and local taxes not included.
 † Fleet users only.



SPECIAL EQUIPMENT
1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&Hs	List Price	Mfr's Suggested Retail Price ^o
1 Speedometer Cable - Two Piece. Speedometer cable is manufactured in two pieces with additional connection under driver's side of instrument panel compartment	49	6Z1					22.00
1 Spotlamps: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Unity model pillar mounted. Independently fused.							
LH. 6" Model #225 Halogen	56	7X6					175.00
LH and RH. 6" Model #225 Halogen	56	7X7					350.00
1 Switches:							
<i>Inoperative Door Jamb.</i> 1BL69 and Wagon only. Disconnected at all standard door jamb switch locations. Dome light controlled by headlight switch on instrument panel only. Not available when RPO TR9 auxiliary lighting, SEO 6C6 rear door jamb switch or SEO 7Y2 door open warning lamp are specified.	42	7Y6					10.00
<i>Rear Door Jamb.</i> 1BL69 only. Dome light activated when rear door is opened. Included when SEO 9C6 Taxi Equipment is ordered and priced	49	6C6					24.00
Taxi Equipment: 1BL69 only. Available only with the following options which must be ordered and priced: <i>Engines: (Choose One)</i> RPO LB4 4.3 Liter V8 Engine RPO LO3 5.0 Liter V8 Engine <i>Generator:</i> SEO 7L1 120-amp delcotron generator Included are the following features: HD front and rear suspension HD Cooling 3.08 ratio rear axle Full perimeter frame with increased gage of certain frame members 8.5" ring gear axle Large bolt circle 15" x 7" wheels Full wheel covers Special balanced drive shaft Anti-corrosion hot melt pads under front and rear floor insulators SEO 7Y2 door open warning lamp HD battery equivalent to 69 amp-hour (730CCA/115 min RC) Engine durability features Temperature controlled fan Heavy-Duty front and rear brakes with semi-metallic front brake lining and 11" x 2" rear brake drums Greater capacity oil filter (1-quart capacity-V8 only.) Not available with SEO 7P8 engine oil cooler. SEO 8A3 HD front and rear mats SEO 8C1 HD front bench seat SEO 6C2 HD rear bench SEO 6R6 HD seamless vinyl trim in dark blue or light brown; front and rear SEO 6C6 rear door jamb switches L&RH remote control outside rearview mirrors							
Without RPO C41 Heater	56	9C6	534.65	515.78	N.A.	629.00	629.00
With RPO C41 Heater	56	9C6	580.15	540.38	N.A.	659.00	659.00

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^o D & H Charges on vehicles and optional equipment include reimbursement to ordering Division for any tax that it has paid, incurred or agreed to pay thereon.
^o State and local taxes not included.
^o Fleet users only

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SPECIAL EQUIPMENT
1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price○
Transmission, Low Gear Block-Out: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Prevents manual downshift to first gear. Does not affect automatic operation	49	1K5					15.00
Tray, Ash: 1BL69 only. Mounted in front LH and RH doors	42	6F8					21.00
Trunk Opener, Automatic: 1BL69 only. Electric type with control button on instrument panel right of steering column. Operational only when ignition switch is in ON position.	49	6H6					64.00
Wiring Provisions:							
Fuse Block, Auxiliary: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Attaches to power stud of junction block inside right front wheel house with wires routed thru grommet in firewall. Provides six additional fused circuits at 20 amps each, 14 amps continuous per circuit inside passenger compartment.	42	7Z5					109.00
Wiring: 1BL69 only. RG58 A/U coaxial radio antenna cable (routed behind roof dome lamp to trunk)	42	6C8					21.00
Wiring: 1BL69 only. Eight 12 gauge and two 10 gauge from dash to roof	42	6F5					55.00
Wiring: 42 inch auxiliary front speaker wires	42	WX7					25.00
Wiring: 1BL69 only. Auxiliary power supply with circuit breakers and ignition control. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 7Z5 Fuse Block is specified	42	6J1					210.00
Wiring and Flasher: 1BL69 only. For aftermarket grille lamp insulation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 6J3 wiring is specified	42	6J2					60.00
Wiring and Flasher: 1BL69 only. For aftermarket grille lamps and grille speaker installation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 6J2 wiring is specified	42	6J3					80.00
Wiring: 1BL69 only. For aftermarket horn/siren installation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	42	6J4					17.00
1 Tire Relocation, Spare: 1BL69 only. Relocated in horizontal position on LH side of luggage compartment floor. Available only when SEO 5JK, SEO 5JJ, SEO 5AN or SEO 5AQ P225/70HR15 police type tires are ordered and priced	42	6B4					12.00

* Dealer Invoice Amount includes 2% Holdback Amount retained for dealer's account
 † D & H Charges on vehicles and optional equipment include reimbursement to ordering Division for any tax that it has paid, incurred or agreed to pay thereon
 ○ State and local taxes not included.
 ◊ Fleet users only.



SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
FLEET AND POLITICAL SUB-DIVISION POLICE VEHICLES ONLY							
TIRES:							
Available: SPEED RATED							
<i>P225/70HR15 Unmarked Steel Belted Radial Goodyear Eagle GT Police Service. 1B169 only. Provides 5 full size tires. Available only when SEO 9C1 Police Chassis Equipment and SEO 9A3 speedometer gears are ordered and priced. Not available when RPO B48 deluxe luggage compartment trim or optional wheel trim is specified.</i>							
Blackwall	42	5JK					320.00
White Stripe	42	5JJ					380.00
Recommended: SPEED RATED							
<i>P225/70HR15 Unmarked Steel Belted Radial All Season Goodyear Eagle GT + 4 Police Service. 1B169 only. Provides 5 full size tires. Available only when SEO 9C1 Police Chassis Equipment and SEO 9A3 speedometer gears are ordered and priced. Not available when RPO B48 deluxe luggage compartment trim or optional wheel trim is specified.</i>							
Blackwall	42	5AQ					320.00
White Stripe	42	5AN					380.00
Non Recommended: NON SPEED RATED. THE FOLLOWING TIRES ARE NOT RECOMMENDED FOR HIGH SPEED USAGE AND REQUIRE POLICE AGENCY APPROVAL. See Page 2 For Approval Form. P205/75R15 Radial. 1B169 only. Provides 4 full size tires and one compact spare tire. Available only when SEO 9A3 speedometer gears are ordered and priced.							
Blackwall	42	QCE/SA					N.C.
Whitestripe	42	QCG/SA					76.00

* Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.
 † D & H Charges on vehicles and optional equipment include reimbursement to ordering Division for any tax that it has paid, incurred or agreed to pay thereon.
 ◇ State and local taxes not included





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SPECIAL EQUIPMENT

1989 CELEBRITY AND 104.9" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price
Interior, Anti-Corrosion Protection: Sedan only. Provides hot melt pads under front and rear floor insulators.	35	1Z2					24.00
† Key Equipment: Sedan only. Single key system. Three keys furnished for each unit. Not available when RPO D55 console is specified. All units coded individually.	56	6A4					20.00
Mat, One-Piece HD Front and Rear Floor: Sedan only. Available only when SEO 1Z2 interior anti-corrosion protection is ordered and priced. Replaces production carpet.	42	6A3					26.00
Seats: Sedan only. Available only when SEO 6R6 HD vinyl, SEO 6R7 HD cloth or SEO 6R8 HD cloth front/vinyl rear seat trim is ordered and priced.							
Heavy-Duty Front Bench. Available only when SEO 6C2 HD rear seat is ordered and priced.	42	6C1					21.00
Heavy-Duty Rear. Available only when SEO 6C1 HD front bench or SEO 6C4 45/45 HD front split seat is ordered and priced.	42	6C2					24.00
45/45 HD Front Split. Available only when SEO 6C2 HD rear seat is ordered and priced.	42	6C4					332.00
Seat Trim: Sedan only. Available only when SEO 6C1 HD front bench or SEO 6C4 45/45 HD front split seat and SEO 6C2 HD rear bench seat are ordered and priced.							
Vinyl Trim - HD. Available only when GDD1 blue bench, GDD5 blue 45/45 split, GCC1 light brown bench or GCC5 light brown 45/45 split seat trim is specified.	42	6R6					58.00
Cloth Trim - HD. Available only when PDD1 blue bench, PDD5 blue 45/45 split, PCC1 light brown bench or PCC5 light brown 45/45 split seat trim is specified.	42	6R7					42.00
Cloth Front/Vinyl Rear-HD. Available only when TDD1 blue bench, TDD5 blue 45/45 split, TCC1 light brown bench or TCC5 light brown 45/45 split seat trim is specified.	42	6R8					37.00
† Spotlights: Halogen. Unity model pillar mounted. FLEET USE ONLY.							
LH. 6" Model #225.	56	7X6					175.00
LH and RH. 6" Model #225.	56	7X7					350.00

- * Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account
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- ◇ State and local taxes not included.
- † Fleet users only.



SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price [○]
Cable, Coaxial Radio Antenna (RGS8AU): 1BL69 only. Routed from just rearward of dome light location to trunk 27' coiled between headlining and roof panel with sufficient length to reach either corner of trunk. No hole in roof panel	42	6C8					21.00
Cap, Hub: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Available with standard black wheels only.	42	1V2					-48.00
Conduit, Two-Way Radio Control Cable: 1BL69 only. Routed inside vehicle from below dash to trunk area. Includes pulford inside conduit to facilitate snaking of radio wires plus 7/8" hole with removable plug in firewall to provide access to battery in engine compartment. Not available with RPO AG2 passenger power seat	56	6C9					99.00
Cooler, Hydraulic Steering Oil: 1BL69 only. .	56	7L9					34.00
Cooler, HD Transmission Oil: Sedan only. Available only when RPO V08 HD cooling is ordered and priced. Provides increased cooling capacity in radiator assembly	35	7L8					31.00
Engine: 1BL69 only. 4.3 Liter T.B.I. V6. FOR FLEET USE ONLY	70	L84					-440.00
5.7 Liter T.B.I. V8. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	70	L05					150.00
Gauges: Voltmeter, Temperature and Oil Pressure. 1BL69 only. Provides 0-30-60 oil pressure, 100-220-260 water temperature and voltmeter gauges. Mounted in instrument panel just right of steering column	56	7Z4					198.00
Generator: 120-Amp Delcotron. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. With air conditioning and RPO C49 rear defogger .	56	7L1					145.00
With air conditioning or RPO C49 rear defogger .	56	7L1					170.00
Without air conditioning or RPO C49 rear defogger	56	7L1					195.00
Handles: Rear Doors Inoperative. 1BL69 and wagon only	42	8B2					13.00
Inside Driver Door and Lock Release: 1BL69 only. Unlocks and opens door simultaneously. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when RPO AU3 power door locks are specified	56	8N1					67.00
Rear Windows Inoperative: 1BL69 only. Handles removed or power disconnected	56	8N5					9.00
Inside Rear Grab Handles: Mounted to side rail above rear doors. Available only when SEO 9C6 Taxi Equipment is specified	35	8N8					29.00
Heater: Replaces Air Conditioning. 1BL69 only. Available only when RPO LB4 4.3 Liter T.B.I. V6 engine is specified	42	C41					-775.00

* Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.

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○ State and local taxes not included.

SPECIAL EQUIPMENT
1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
Hole, Roof Panel: 1BL69 only.							
<i>Centerline.</i> Available only when SEO 6F5 roof wiring is ordered and priced. Includes 1.5" hole drilled on centerline of roof panel approximately 18" rearward of windshield opening, roof wiring extended through hole, secured and sealed							
	42	6B7					10.00
<i>Right Side.</i> Available only when SEO 6F5 wiring is ordered and priced. Not available with SEO 6B7 hole in roof panel							
	42	6J5					5.00
Hose Clamps, Worm Gear: 1BL69 only. Available only when RPO L05 5.7 Liter T.B.I. V8 Engine is ordered and priced. Included when SEO 1T1 Radiator Heater Hose is ordered and priced							
	42	1E2					11.00
Hoses, Silicone Radiator and Heater. 1BL69 only. Not available when RPO LB4 4.3 Liter T.B.I. V6 Engine or RPO C41 Heater are specified							
	21	1T1					122.00
Interior, Anti-Corrosion Protection: 1BL69 only. Included when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is specified. Provides hot melt pads under front and rear floor insulators							
	35	1Z2					30.00
Key Equipment: 1BL69 and Wagon only. Single key system. Three keys furnished for each unit. Not available when RPO T87 cornering lamps are specified. When RPO N33 tilt steering wheel is specified RPO CD4 intermittent windshield wipers must also be ordered and priced.							
	56	6A4					20.00
	56	6E2					20.00
Lamps:							
<i>Dome and Reading Map.</i> 1BL69 only. Replaces production dome light. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced							
	42	6C5					33.00
<i>Extra Dome.</i> 1BL69 and Wagon only. Located 10" rearward of windshield with switch at base of light. Wired independently of standard dome light							
	42	6C7					22.00
<i>Underhood.</i>							
	42	7Y1					17.00
<i>Rear window auxiliary.</i> 1BL69 only. Includes turn signal and stop (two 4-inch round, red). Available only when SEO 9C1 Police Chassis Equipment is ordered and priced							
	42	6J8					170.00
<i>Door Open Warning.</i> 1BL69 only. Included when SEO 9C6 Taxi Equipment is ordered and priced							
	42	7Y2					40.00
Locks, Rear Door Inoperative: 1BL69 only. Available with power or manual locks							
	42	6N6					11.00
Mat, Heavy-Duty Front and Rear Floor: 1BL69 and Wagon only. Replaces production carpet. Not available in cargo area on wagon. Available only when SEO 1Z2 interior anti-corrosion protection is ordered and priced. Included when SEO 9C6 Taxi Equipment is ordered and priced							
	42	6A3	22.10	21.32	N.A.	26.00	26.00

* Dealer Invoice Amount includes 3% multiple tax. Amount retained for dealer's account.
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◇ State and local taxes not included

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H	List Price	Mfr's Suggested Retail Price ^o
<p>Police Chassis Equipment: 1B169 only. Available only with the following options which must be ordered and priced. <i>Engines: (Choose One)</i> RPO LB4 4.3 Liter V6 Engine which includes 3.08 ratio rear axle RPO LO3 5.0 Liter V8 Engine which includes 3.08 ratio rear axle. RPO LO5 5.7 Liter V8 Engine which includes 3.42 ratio rear axle. <i>Generator:</i> SEO 7L1 120-amp Delcotron generator. <i>Speedometer: (Choose One)</i> SEO 7Z8 Regular Production Speedometer. SEO 7Z9 (AVAILABLE TO LAW ENFORCEMENT AGENCIES ONLY) <i>Tires:</i> RECOMMENDED: (Choose One) SEO 5AN P225/70HR15 SBR W/S All Season SEO 5AQ P225/70HR15 SBR B/W All Season AVAILABLE: (Choose One) SEO 5JJ P225/70HR15 Steel Belted Radial W/S SEO 5JK P225/70HR15 Steel Belted Radial B/W NON RECOMMENDED: RPO QCE/SAA P205/75R15 Steel Belted Radial B/W RPO QCG/SAA P205/75R15 Steel Belted Radial W/S <i>Speedometer Gear:</i> SEO 9A3. Included are the following features: Engine valve train durability features Increased gage for certain frame members HD Battery equivalent to 69 amp-hr, 730 CCA/115 min. RC (RPO UA1 battery not available) Dual outside rearview mirrors, left and right hand remote Fuel vapor return system with V8 Special police pursuit suspension which includes front and rear stabilizer bar, special springs, shocks, firm-feel steering, and specific body mounts 8.5" ring gear rear axle Temperature controlled fan Heavy-Duty front and rear brakes with semi-metallic front brake lining and 11" x 2" rear brake drums Large bolt circle 15" x 7" wheels HD Cooling System Anti-corrosion hot melt pads under front and rear floor insulators Full wheel covers Radio bonding strap package (seven ground straps) Special balanced drive shaft Special calibrated transmission with RPO LO5 5.7 liter V8 engine A/C head pressure switch (5.7L V8 only) External engine oil cooler Provision for horn siren circuit connection Without RPO C41 Heater 70 9C1 With RPO C41 Heater 70 9C1</p>							
							559.00
							589.00
<p>Reinforcement, Roof: 1B169 only, 14" wide plate located in center of roof. Provides support for after market installation of roof lights/siren equipment weighing up to 35 lbs. Located longitudinal on roof centerline from 49 902</p>							
							21.00

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^o State and local taxes not included.

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price‡
Roof Wiring Equipment: 1BL69 only. Includes eight 12-gauge and two 10-gauge color-coded wires routed from a point underneath roof panel, 18" rearward of windshield opening at centerline of vehicle to a point under instrument panel; 24" of wire coiled between headlining and roof panel; 36" of wire coiled and taped to firewall at centerline of vehicle. No hole in roof panel	49	6F5					55.00
Seat, Deletion: 1BN35 only. Deletes the third seat and replaced with production carpet	42	6Y2					-125.00
Seats: 1BL69 only. Includes high density back and seat cushion. Available only when SEO 6R6 HD vinyl, SEO 6R7 HD cloth or SEO 6R8 HD cloth front/HD vinyl rear seat trim and SEO 6C2 HD rear seat are ordered and priced. When RPO AG1 Driver Power Seat or RPO AG2 Passenger Power Seat is specified RPO A31 Power Windows must also be ordered and priced.							
Heavy-Duty Front Bench. Not available with power seats. Included when SEO 9C6 Taxi Equipment is specified	42	6C1					21.00
Heavy-Duty Rear. Available only when SEO HD front seat is ordered and priced. Included when SEO 9C6 Taxi Equipment is specified	42	6C2					24.00
45/45 Front Split. Not available when RPO AG2 passenger power seat is specified. Approximately 10" between seats	49	6C4					277.00
50/50 HD Front Bench	42	6F3					346.00
50/50 Heavy-Duty Front Bench with Center Armrest	42	6G3					377.00
Seat Trim: 1BL69 only. Available in dark blue or light brown only. Also available only when SEO HD front seat is ordered and priced.							
Vinyl Trim-HD Seamless. Available only when GDD1 dark blue bench, GDD3 dark blue 50/50, GDD4 dark blue 45/45, GEE1 light brown bench, GEE3 light brown 50/50, or GEE4 light brown 45/45 seat trim is specified. Included when SEO 9C6 is ordered and priced	42	6R6					62.00
Cloth Trim-H.D. Available only when PDD1 dark blue bench, PDD3 dark blue 50/50, PDD4 dark blue 45/45, PEE1 light brown bench, PEE3 light brown 50/50 or PEE4 light brown 45/45 seat trim is specified	42	6R7					42.00
Cloth Front/Vinyl Seamless Rear-HD. Available only when TDD1 dark blue bench, TDD3 dark blue 50/50, TDD4 dark blue 45/45, TEE1 light brown bench, TEE3 light brown 50/50 or TEE4 light brown 45/45 seat trim is specified	42	6R8					37.00
Spare Tire and Wheel Deletion: 1BL69 only. Not available when SEO 5AN, SEO 5AQ, SEO 5JJ or SEO 5JK police tires are specified	42	6Y4					-25.00
Speedometer Gear: Required when SEO tires are ordered and priced	42	9A3					2.00
Speedometers:							
Police Type. 1BL69 only. Displays speeds to 120-mph, graduated in 2-mph increments. (AVAILABLE TO LAW ENFORCEMENT AGENCIES ONLY.)	56	7Z9					19.00
Production Type. 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	42	7Z8					N.C.

* Dealer Invoice Amount includes 3% Holdback Amount for dealer's account
 † D & H Charges on vehicles and optional equipment are the responsibility of the customer. Payment to ordering Division for these charges is required at the time of purchase that it has paid, incurred or agreed to pay thereon.
 ‡ State and local taxes not included.
 † Fleet users only.

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail PriceⓄ
1 Speedometer Cable - Two Piece. Speedometer cable is manufactured in two pieces with additional connection under driver's side of instrument panel compartment	49	6Z1					22.00
1 Spotlamps: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Unity model pillar mounted. Independently fused.							
LH. 6" Model #225 Halogen	56	7X6					175.00
LH and RH. 6" Model #225 Halogen	56	7X7					350.00
1 Switches:							
<i>Inoperative Door Jamb.</i> 1BL69 and Wagon only. Disconnected at all standard door jamb switch locations. Dome light controlled by headlight switch on instrument panel only. Not available when RPO TR9 auxiliary lighting, SEO 6C6 rear door jamb switch or SEO 7Y2 door open warning lamp are specified.	42	7Y6					10.00
<i>Rear Door Jamb.</i> 1BL69 only. Dome light activated when rear door is opened. Included when SEO 9C6 Taxi Equipment is ordered and priced	49	6C6					24.00
Taxi Equipment: 1BL69 only. Available only with the following options which must be ordered and priced: Engines: (Choose One) RPO LB4 4.3 Liter V6 Engine RPO LO3 5.0 Liter V8 Engine Generator: SEO 7L1 120-amp delcotron generator Included are the following features: HD front and rear suspension HD Cooling 3.08 ratio rear axle Full perimeter frame with increased gage of certain frame members 8.5" ring gear axle Large bolt circle 15" x 7" wheels Full wheel covers Special balanced drive shaft Anti-corrosion hot melt pads under front and rear floor insulators SEO 7Y2 door open warning lamp HD battery equivalent to 69 amp-hour (730CCA/115 min RC) Engine durability features Temperature controlled fan Heavy-Duty front and rear brakes with semi-metallic front brake lining and 11" x 2" rear brake drums Greater capacity oil filter (1-quart capacity-V8 only.) Not available with SEO 7P8 engine oil cooler. SEO 6A3 HD front and rear mats SEO 6C1 HD front bench seat SEO 6C2 HD rear bench SEO 6R6 HD seamless vinyl trim in dark blue or light brown; front and rear SEO 6C6 rear door jamb switches L&RH remote control outside rearview mirrors							
Without RPO C41 Heater	56	9C6	534.65	515.78	N.A.	629.00	629.00
With RPO C41 Heater	56	9C6	560.15	540.38	N.A.	659.00	659.00

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- Ⓢ Fleet users only.

SPECIAL EQUIPMENT
1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail PriceⓄ
Transmission, Low Gear Block-Out: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Prevents manual downshift to first gear. Does not affect automatic operation	49	1K5					15.00
Tray, Ash: 1BL69 only. Mounted in front LH and RH doors	42	6F8					21.00
Trunk Opener, Automatic: 1BL69 only. Electric type with control button on instrument panel right of steering column. Operational only when ignition switch is in ON position.	49	6H6					64.00
Wiring Provisions:							
Fuse Block, Auxiliary: 1BL69 only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Attaches to power stud of junction block inside right front wheel house with wires routed thru grommet in firewall. Provides six additional fused circuits at 20 amps each, 14 amps continuous per circuit inside passenger compartment.	42	7Z5					109.00
Wiring: 1BL69 only. RG58 A/U coaxial radio antenna cable (routed behind roof dome lamp to trunk)	42	6C8					21.00
Wiring: 1BL69 only. Eight 12 gauge and two 10 gauge from dash to roof	42	6F5					55.00
Wiring: 42 inch auxiliary front speaker wires	42	WX7					25.00
Wiring: 1BL69 only. Auxiliary power supply with circuit breakers and ignition control. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 7Z5 Fuse Block is specified	42	6J1					210.00
Wiring and Flasher: 1BL69 only. For aftermarket grille lamp insulation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 6J3 wiring is specified	42	6J2					60.00
Wiring and Flasher: 1BL69 only. For aftermarket grille lamps and grille speaker installation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when SEO 6J2 wiring is specified	42	6J3					80.00
Wiring: 1BL69 only. For aftermarket horn/siren installation. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced	42	6J4					17.00
Tire Relocation, Spare: 1BL69 only. Relocated in horizontal position on LH side of luggage compartment floor. Available only when SEO 5JK, SEO 5JJ, SEO 5AN or SEO 5AQ P225/70HR15 police type tires are ordered and priced	42	6B4					12.00

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 Ⓟ Fleet users only.

SPECIAL EQUIPMENT

1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
FLEET AND POLITICAL SUB-DIVISION POLICE VEHICLES ONLY							
TIRES:							
Available: SPEED RATED							
<i>P225/70HR15 Unmarked Steel Belted Radial Goodyear Eagle GT Police Service. 1BL69 only. Provides 5 full size tires. Available only when SEO 9C1 Police Chassis Equipment and SEO 9A3 speedometer gears are ordered and priced. Not available when RPO B48 deluxe luggage compartment trim or optional wheel trim is specified.</i>							
Blackwall	42	5JK					
White Stripe	42	5JJ					320.00
Recommended: SPEED RATED							
<i>P225/70HR15 Unmarked Steel Belted Radial All Season Goodyear Eagle GT + 4 Police Service. 1BL69 only. Provides 5 full size tires. Available only when SEO 9C1 Police Chassis Equipment and SEO 9A3 speedometer gears are ordered and priced. Not available when RPO B48 deluxe luggage compartment trim or optional wheel trim is specified.</i>							
Blackwall	42	5AQ					320.00
White Stripe	42	5AN					380.00
Non Recommended: NON SPEED RATED. THE FOLLOWING TIRES ARE NOT RECOMMENDED FOR HIGH SPEED USAGE AND REQUIRE POLICE AGENCY APPROVAL. See Page 2 For Approval Form.							
<i>P205/75R15 Radial. 1BL69 only. Provides 4 full size tires and one compact spare tire. Available only when SEO 9A3 speedometer gears are ordered and priced.</i>							
Blackwall	42	QCE/SAA					N.C.
Whitestripe	42	QCG/SAA					76.00

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SPECIAL EQUIPMENT

**1989 CHEVROLET AND 116" WHEELBASE STATION WAGON
SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT**

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H	List Price	Mfr's Suggested Retail Price
THE FOLLOWING REGULAR PRODUCTION OPTIONS ARE AVAILABLE FOR FLEET USAGE ONLY							
✓ RPO AG1 6-Way Power Driver's Adjuster Split Bench. (Requires RPO A31 Power Window)	42	AG1					240.00
RPO AG2 6-Way Power Passenger Adjuster Split Bench. (Requires RPO A31 Power Window and RPO AG1 6-Way Power Driver's Adjuster)	42	AG2					240.00
RPO A31 Power-Window Side Operated	42	A31					285.00
RPO A90 Trunk Opener, Electric	42	A90					50.00
RPO BF9 Front and Rear Floor Mat Delete. Not available with SEO 9C6 Taxi Equipment	42	BF9					45.00
RPO B84 Body Side Molding	42	B84					60.00
RPO CD4 Windshield Pulse Wiper System (Requires RPO N33 Tilt Wheel)	42	CD4					55.00
RPO C41 Heater-Deletes Air Conditioning (Requires RPO LB4 Engine)	42	C41					775.00
RPO K34 Cruise Control	42	K34					175.00
RPO N33 Tilt Type Steering Column	42	N33					125.00
RPO TR9 Lighting Package	42	TR9					50.00
RPO VE5 Bumper Rub Strips	42	VE5					66.00
RPO V30 Bumper Guards, Front and Rear. (Requires RPO VE5 Bumper Rub Strips)	42	V30					62.00
REGULAR PRODUCTION SEATS AND TRIM AVAILABLE WITH POLICE CHASSIS EQUIPMENT.							

SPECIAL EQUIPMENT I

1989 CELEBRITY AND 104.9" WHEELBASE STATION WAGON SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price
Interior, Anti-Corrosion Protection: Sedan only. Provides hot melt pads under front and rear floor insulators	35	1Z2					24.00
† Key Equipment: Sedan only. Single key system. Three keys furnished for each unit. Not available when RPO D55 console is specified. All units coded individually	56	6A4					20.00
Mat, One-Piece HD Front and Rear Floor: Sedan only. Available only when SEO 1Z2 interior anti-corrosion protection is ordered and priced. Replaces production carpet	42	6A3					26.00
Seats: Sedan only. Available only when SEO 6R6 HD vinyl, SEO 6R7 HD cloth or SEO 6R8 HD cloth front/vinyl rear seat trim is ordered and priced. Heavy-Duty Front Bench. Available only when SEO 6C2 HD rear seat is ordered and priced	42	6C1					21.00
Heavy-Duty Rear. Available only when SEO 6C1 HD front bench or SEO 6C4 45/45 HD front split seat is ordered and priced	42	6C2					24.00
45/45 HD Front Split. Available only when SEO 6C2 HD rear seat is ordered and priced	42	6C4					332.00
Seat Trim: Sedan only. Available only when SEO 6C1 HD front bench or SEO 6C4 45/45 HD front split seat and SEO 6C2 HD rear bench seat are ordered and priced. Vinyl Trim - HD. Available only when GDD1 blue bench, GDD5 blue 45/45 split, GCC1 light brown bench or GCC5 light brown 45/45 split seat trim is specified	42	6R6					58.00
Cloth Trim - HD. Available only when PDD1 blue bench, PDD5 blue 45/45 split, PCC1 light brown bench or PCC5 light brown 45/45 split seat trim is specified	42	6R7					42.00
Cloth Front/Vinyl Rear-HD. Available only when TDD1 blue bench, TDD5 blue 45/45 split, TCC1 light brown bench or TCC5 light brown 45/45 split seat trim is specified	42	6R8					37.00
† Spotlights: Halogen. Unity model pillar mounted. FLEET USE ONLY. LH. 6" Model #225	56	7X6					175.00
LH and RH. 6" Model #225	56	7X7					350.00

- * Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account
- † D & H Charge on vehicles and optional equipment include reimbursement to orderer if it has paid, incurred or agreed to pay thereon.
- ◇ State and local taxes not included.
- † Fleet users only.



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