273|CAPR-92

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1992

Manufacturer	CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Vehicle Line	 CHEVROLET CAPRICE SEDAN
Mailing Address	CHEVROLET-PONTIAC-CANADA GROUP ENGINEERING CENTER GENERAL MOTORS CORPORATION 3003 VAN DYKE WARREN, MI 48090-9060	Issued SEPTEMBER, 1991	Revised

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This specification form was developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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.

Blank Forms Provided by Technical Affairs Division

FORM MVMA-92

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

O **Indicates Format Change From Previous Year**

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) specs. 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.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	Chevrolet-Pontiac-GM of Canada
Where built (country)	U.S.A.
Authorized U.S. Sales marketing representative	Chevrolet Motor Division

Vehicle Models

Model Description & Drive (FWD/RWD/AWD/4WD)*	Make, Vehicle Models, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
CAPRICE				
4-Door Notchback Sedan (RWD)	1BL19	6 (3/3)	92.4 (203.6)	17/26
CAPRICE CLASSIC				
4-Door Notchback Sedan (RWD)	1BN19 (1BL19 w/Z09)	6 (3/3)	92.4 (203.6)	17/26
CAPRICE CLASSIC LTZ				
4-Door Notchback Sedan (RWD)	1BN19 (1BL19 w/Z09 & B4U)	6 (3/3)	92.4 (203.6)	17/26

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

MVMA Specifications

Vehicle Line: CAPRICE SEDAN
Model Year: 1992 Issued: 9-91 Revised(*):

METRIC (U.S. Customary)
Power Teams

SAE J1349 Net bhp (brake hrspwr) and Net Torque corrected to 77 deg. F / 25 deg. C and 29.61 in. Hg/100 kPA atmos. press.

			A	B	C	D
ENGINE	Engine Code		L03	L03	L03	L05
	Displacement Liters (cu. in.)		5.0 (305)	5.0 (305)	5.0 (305)	5.7 (350)
	Induction system (FI, Carb, etc.)		Electronic Fuel Injection	Electronic Fuel Injection	Electronic Fuel Injection	Electronic Fuel Injection
	Compression ratio		9.3:1	9.3:1	9.3:1	9.8:1
	SAE Net at RPM	Power kW (bhp)	127 (170) @ 4000	127 (170) @ 4000	127 (170) @ 4000	153 (205) @ 4400
		Torque Newton meters (lb.ft.)	346 (255) @ 2400	346 (255) @ 2400	346 (255) @ 2400	407 (300) @ 2400
	Exhaust Single, dual		Single	Single	Single	Single
TRANS	Transmission/ Transaxle		MD8 Auto Transmission 4-Speed	MD8 Auto Transmission 4-Speed	MD8 Auto Transmission 4-Speed	MD8 Auto Transmission 4-Speed
	Axle Ratio (std. first)		2.56	3.08	3.23	3.42

Series Availability		Power Teams (A – B – C – D)	
Model	**Code**	**Standard**	**Optional**
CAPRICE			
4-Dr. Notchback Sedan	1BL19	A	B
CAPRICE CLASSIC			
4-Dr. Notchback Sedan	1BN19	A	B
CAPRICE CLASSIC LTZ			
4-Dr. Notchback Sedan	1BN19	C	--
CAPRICE (POLICE VEHICLES SEO 9C1)			
4-Dr. Notchback Sedan	1BL19	A	D

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Engine Description	5.0 LITER V8 (305 CID)
Engine Code	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-chamber, etc.)		90 deg. V, Front, Longitudinal, OHV
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		94.89mm (3.74 in.)
Stroke		88.39mm (3.48 in.)
Bore spacing (C/L to C/L)		111.8mm (4.40 in.)
Cyl blck matl & mass kg(lbs.)(machined)		Cast Iron, 68.674 (151.4)
Cylinder block deck height		229.4mm (9.025 in.)
Cylinder block length		512.8mm (20.19 in.)
Deck clearance (minimum) (above or below block)		.635mm (.025 in.), Below
Cyl. head material & mass kg (lbs.)		Cast Iron, 19.800 (43.7)
Cylinder head volume cu. cm (cu. in.)		55.9 (3.41)
Cylinder liner material		Not Applicable
Head gasket thickness (compressed)		.724mm (.0285 in.)
Minimum combustion chamber total volume cu. cm. (cu. in.)		55.2 (+/- 2.2) (3.37 +/- 0.13)
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 matl & mass kg (lbs.)**		Aluminum, 6.900 (15.2)
Exh. manifold matl & mass kg (lbs.) **		Cast Iron, 4.345 (9.6) L.H., 3.800 (8.4) R.H.
O Knock sensor (number & location)		Electronic Spark Control; One, Right Side Of Block
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) / 2		87
Engine mounts	Quantity	2
	Matl and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Elastomeric
	Added isolation (sub-frame, crossmember, etc.)	Not Applicable
Total dressed engine mass (wt) dry***		275.1 kg. (606 lbs.)

Engine – Pistons

Material & mass, g (weight, oz.) – piston only	Aluminum Alloy, .645 (1.4)

Engine Camshaft

Location		Cylinder Block Above Crankshaft
Material & mass kg (weight, lbs.)		Steel, 4.124 (9.1)
Drive type	Chain/belt	Chain
	Width/pitch	15.87mm (6.25 in.) / 12.7mm (.500 in.)

*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.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		90 deg. V, Front, Longitudinal, OHV
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		101.6mm (4.00 in.)
Stroke		88.4mm (3.48 in.)
Bore spacing (C/L to C/L)		111.8mm (4.40 in.)
Cyl blck matl & mass kg(lbs.)(machined)		Cast Iron
Cylinder block deck height		229.2mm (9.025 in.)
Cylinder block length		506.2mm (19.93 in.)
Deck clearance (minimum) (above or below block)		.635mm (.025 in.), Below
Cyl. head material & mass kg (lbs.)		Cast Iron
Cylinder head volume cu. cm. (cu. in.)		--
Cylinder liner material		Not Applicable
Head gasket thickness (compressed)		.724mm (.0285 in.)
Minimum combustion chamber total volume cu. cm. (cu. in.)		--
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 matl & mass kg (lbs.)**		Cast Aluminum, 6.900 (15.2)
Exh. manifold matl & mass kg (lbs.)**		Cast Iron
O Knock sensor (number & location)		Electronic Spark Control; One, Right Side Of Block
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) / 2		87
Engine mounts	Quantity	2
	Matl and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Elastomeric
	Added isolation (sub-frame, crossmember, etc.)	Not Applicable
Total dressed engine mass (wt) dry***		275.1 kg. (606 lbs.)

Engine – Pistons

Material & mass, g (weight, oz.) – piston only	Cast Aluminum, .540 (1.2)

Engine Camshaft

Location		In Block Above Crankshaft
Material & mass kg (weight, lbs.)		Steel, 4.200 (9.3)
Drive type	Chain/belt	Chain
	Width/pitch	15.87mm (6.25 in.) / 12.70mm (.500 in.)

*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.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.0 LITER V8 (305 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L03

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	8/8
	Head O.D. intake/exhaust	46.74 (1.84) / 38.10 (1.50)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Steel, .388 (.855)
Length(axes centerline to centerline)	144.78mm (5.7 in.)

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	Fluroelastomer, One Piece, Lip Seal
	Rear	Fluroelastomer, One Piece, Lip Seal

Engine – Lubrication System

Normal oil pressure kPa(psi) @ eng rpm	41 (6) @ 1000/124 (18) @ 2000/165 (24) @ 4000 (Hot)
Type oil intake (floating, stationary)	Stationary
Oil filter sys. (full flow,part, other)	Full Flow
Capacity of c/case,less filter-refill-L (qt.)	3.8 (4.0)

Engine – Diesel Information (NOT APPLICABLE)

Diesel engine manufacturer		
Glow plug, current drain at 0 deg. F		
Injector Nozzle	Type	
	Opening pressure kPa (psi)	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel inj. 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 (NOT APPLICABLE)

Turbo charger – manufacturer	
Super charger – manufacturer	
Intercooler	

* Finished State

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L05

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	8/8
	Head O.D. intake/exhaust	49.28mm (1.94 in.) / 38.10mm (1.50 in.)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Steel, .388 (0.855)
Length (axes centerline to centerline)	144.78mm (5.7 in.)

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*		Nodular Cast Iron, 22.900 (50.49)
End thrust taken by bearing (no.)		5
Length & number of main bearings		5
Seal (material, one, two piece design, etc.)	Front	Fluroelastomer, One Piece, Lip Seal
	Rear	Fluroelastomer, One Piece, Lip Seal

Engine – Lubrication System

Normal oil pressure kPa (psi) @ eng rpm	Min. (Hot): 41 (6) @ 1000 / 124 (18) @2000 / 165 (24) @ 4000
Type oil intake (floating, stationary)	Stationary
Oil filter sys. (full flow,part, other)	Full Flow
Capacity of c/case,less filter–refill–L (qt.)	3.8 (4.0)

Engine – Diesel Information (NOT APPLICABLE)

Diesel engine manufacturer		
Glow plug, current drain at 0 deg. F		
Injector Nozzle	Type	
	Opening pressure kPa (psi)	
Pre–chamber design		
Fuel in–jection pump	Manufacturer	
	Type	
Fuel inj. 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 (NOT APPLICABLE)

Turbo charger – manufacturer	
Super charger – manufacturer	
Intercooler	

* Finished State

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.0 LITER V8 (305 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L03

Engine – Cooling System

Coolant recovery system (std, opt, n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery	
Radiator cap relief valve pressure kPa (psi)		103.4 (15.0)	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open @ deg's C(F)	91 (195)	
Water Pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	14	
	Number of pumps	1	
	Drive (V-belt, other)	Serpentine 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.)	Not Applicable	
	With air conditioner-L(qt.)	15.80 (16.7); 16.4 (17.3), LTZ	
	Opt. equip. specify-L(qt.)	16.37 (17.3), With RPO V08 Trailering Package	
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	A/C - Std.	HD - Opt. (HD - Std., LTZ)
	Type (cross-flow, etc.)	--	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube	
	Matl., mass kg (wgt.,lbs.)	Copper-Brass, High Efficiency Radiator	
	Width	774.7 mm	774.7 mm
	Height	429.7 mm	429.7 mm
	Thickness	25.0 mm	40.2 mm
	Fins per inch *	2.5 mm	2.5 mm
Radiator end tank material		Copper-Brass	
Fan	Std., elec., opt.	A/C - Std.	HD - Opt. (HD - Std., LTZ)
	Number of blades & type (flex, solid, material)	7 Alum./Steel, Solid	7, Alum./Steel, Solid
	Diameter & projected width	470.0 mm (18.5 in.)	508.0 mm (20.0 in.)
	Ratio(fan to crnkshft.rev.)	1.40:1	1.40:1
	Fan cutout type	Clutch	Clutch
	Drive type (direct, remote)	Serpentine Belt	Serpentine 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.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

Engine – Cooling System

Coolant recovery system (std, opt, n.a.)		Standard
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery
Radiator cap relief valve pressure kPa (psi)		103.4 (15.0)
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open @ deg's C(F)	91 (195)
Water Pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	14
	Number of pumps	1
	Drive (V-belt, other)	Serpentine 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.)	Not Applicable
	With air conditioner-L(qt.)	13.81 (14.6), Std. With RPO V08
	Opt. equip. specify-L(qt.)	
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	HD - Std.
	Type (cross-flow, etc.)	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube
	Matl., mass kg (wgt.,lbs.)	Copper-Brass, High Efficiency Radiator
	Width	774.4 mm (30.5 in.)
	Height	429.7 mm (16.9 in.)
	Thickness	40.2 mm (1.58 in.)
	Fins per inch	2.5 mm (0.098 in.)
Radiator end tank material		Copper-Brass
Fan	Std., elec., opt.	HD - Std.
	Number of blades & type (flex, solid, material)	7, Alum./Steel, Solid
	Diameter & projected width	470.0mm (18.5 in.)
	Ratio(fan to crnkshft.rev.)	1.40:1
	Fan cutout type	Clutch
	Drive type (direct, remote)	Serpentine Belt
	RPM at idle (elec.)	--
	Motor rating(wattage)(elec)	--
	Motor switch (type & location/elec.)	--
	Switch point (temp.,/ pressure/elec.)	--
	Fan shroud (material)	Plastic

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.0 LITER V8 (305 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L03

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

Induction type: carburetor, fuel injection system, etc.		Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		Not Applicable
Idle A/F mix.		Preset-No Adjustment Provided
Fuel Injection	Point of inj. (no.)	Fuel Injection At Throttle Body (2)
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic
	Sys. press. kPa (psi)	76 (11.0)
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)		409 Stainless Steel 12/Attaches To Frame, Right Side, Near Muffler
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Tank
	Press. range kPa (psi)	Normal Operating: 83.0 kPa Shut Off Pressure: 135 kPa
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	@ 83 kPa = 23 - 30 Grams/Second

Fuel Tank

Capacity refill L (gallons)		23 Gallons
Location (describe)		Below Rear Compartment Pan
Attachment		Straps (Z Design) Attach Below Rear Compartment Pan
Material & Mass kg (weight lbs.)		HDPE Mass - See Below
Filler pipe	Location & material	Sedan - Rear 1008-1010 Steel; Coating - Lead/Tin
	Connection to tank	Clamped With Hose Coupler
Fuel line (material)		Nylon Tubing 12
Fuel hose (material)		Rubber
Return line (material)		Nylon Tubing 12
Vapor line (material)		Nylon Tubing 12
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
	Slctr switch or valve	"
	Separate fill	"

		Sedan
Mass:	Without Sender	11.1 kg
	With Sender	12.7 kg

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L05

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

Induction type: carburetor, fuel injection system, etc.		Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		Not Applicable
Idle A/F mix.		Preset-No Adjustment Provided
Fuel Injection	Point of inj. (no.)	Throttle Body
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic
	Sys. press. 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)		409 Stainless Steel 12/Attaches To Frame, Right Side, Near Muffler
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Tank
	Press. range kPa (psi)	Normal Operating: 83.0 kPa Shut Off Pressure: 135 kPa
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	@ 83 kPa = 23 - 30 Grams/Second

Fuel Tank

Capacity refill L (gallons)		23 Gallons
Location (describe)		Below Rear Compartment Pan
Attachment		Straps (Z Design) Attach Below Rear Compartment Pan
Material & Mass kg (weight lbs.)		HDPE Mass - See Below
Filler pipe	Location & material	Sedan - Rear 1008-1010 Steel; Coating - Lead/Tin
	Connection to tank	Clamped With Hose Coupler
Fuel line (material)		Nylon Tubing 12
Fuel hose (material)		Rubber
Return line (material)		Nylon Tubing 12
Vapor line (material)		Nylon Tubing 12
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
	Slctr switch or valve	"
	Separate fill	"

		Sedan
Mass:	Without Sender	11.1 kg
	With Sender	12.7 kg

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.0 LITER V8 (305 CID)
Engine Code 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	Serpentine Drive Belt
		Air distribution (head, manifold, etc.,)	Exhaust Manifold
		Point of entry	Exhaust Manifold RH
	Exhaust Gas Recircu-lation	Type (controlled flow, open orifice, other)	Pulse Width, Modulated
		Exhaust source	Manifold Exhaust Crossover
		Point of exh.inj. (spacer, carb., manifold, other)	Inlet Manifold
	Catalytic Converter	Type	Single Bed (Oxidizing And Reducing)
		Number of	1
		Location(s)	Beneath RF Underbody
		Volume L (cu.in)	2.78 (169.8)
		Substrate type	Monolith
		Noble metal type	Platinum (Pt.), Palladium (Pd), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	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)		TBI Unit
	Air inlt(breather cap,other)		Rocker Cover
Evapora-tive Emission Control	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	Not Applicable
	Vapor storage provision		Canister
Electron-ic System	Closed loop (yes/no)		Yes - During Normal Warm Up
	Open loop (yes/no)		Yes - During Warm Up & During Highway Cruise

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single, With Cross-Over
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		1, Reverse Flow
Resonator no. & type		1, Straight
Exhaust pipe	Branch o.d., wall thickness	*
	Main o.d., wall thickness	57.15mm, 1.8mm Min
	Matl. & Mass kg (wght.lbs.)	Stainless Steel 3.475 kg
Inter-mediate pipe	o.d. & wall thickness	63.5mm, 0.80mm Min
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 9.75 (21.5)
Tail pipe	o.d. & wall thickness	63.5mm, 1.73mm Min
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 8.4 (18.5)

* 50.8mm, Inner Tube SAE 1008 Or 1010; 0.81mm Min, Outer Tube Stainless Steel 0.86mm Min. Inside And Outside Tubes Must Not Be Bonded Together.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

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	Serpentine Drive Belt
		Air distribution (head, manifold, etc.,)	Exhaust Manifold
		Point of entry	Exhaust Manifold - RH
	Exhaust Gas Recircu-lation	Type (controlled flow, open orifice, other)	Backpressure Valve
		Exhaust source Point of exh.inj. (spacer, carb., manifold, other)	Intake Manifold Passage
	Catalytic Converter	Type	Single Bed Monolith
		Number of	1
		Location(s)	Under Floor
		Volume L (cu.in)	2.78 (169.8)
		Substrate type	Ceramic
		Noble metal type	Platinum (Pt.), Palladium (Pd), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		PCV - Air Cleaner
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges to (intake manifold, other)		TBI Unit
	Air inlt(breather cap,other)		Rocker Cover
Evapora-tive Emission Control	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	Not Applicable
	Vapor storage provision		Canister
Electron-ic System	Closed loop (yes/no)		Yes - During Normal Warm Up
	Open loop (yes/no)		Yes - during Warm Up & During Highway Cruise

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single, With Cross-Over
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		1, Reverse Flow
Resonator no. & type		1, Straight
Exhaust pipe	Branch o.d., wall thickness	*
	Main o.d., wall thickness	57.15mm, 1.8mm Min
	Matl. & Mass kg (wght.lbs.)	Stainless Steel 3.475 kg
Inter-mediate pipe	o.d. & wall thickness	63.5mm, 1.4mm Min
	Matl. & Mass kg (wght.lbs.)	Aluminum Coated Steel 9.348 kg (With Muffler)
Tail pipe	o.d. & wall thickness	63.5mm, 1.73mm Min
	Matl. & Mass kg (wght.lbs.)	Aluminum Coated Steel Sedan: 8.050 kg (With Resonator)

* 50.8mm, Inner Tube SAE 1008 Or 1010; 0.81mm Min, Outer Tube Stainless Steel 0.86mm Min. Inside And Outside Tubes Must Not Be Bonded Together.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.0 LITER V8 (305 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L03

O Transmissions/Transaxle (Std., Opt., N.A.) (NOT APPLICABLE)

Manual 4-speed (manufacturer/country)	
Manual 5-speed (manufacturer/country)	
Manual 6-speed (manufacturer/country)	
Automatic (manufacturer/country)	
Auto. overdrive (manufacturer/country)	Standard, General Motors Powertrain Division (U.S.A.)

Manual Transmission/Transaxle (NOT APPLICABLE)

Number of forward speeds		
O Gear ratios	1st	
	2nd	
	3rd	
	4th	
	5th	
	6th	
	Reverse	
Synchronous meshing (specify gears)		
Shift lever location		
Trans. case mat'l. & mass kg (lbs)*		
Lubricant	Capacity L (pt.)	
	Type recommended	

Clutch (Manual Transmission) (NOT APPLICABLE)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hyd., cable, rod, lever, other)		
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	
	Released	
Assist (spring, power/percent, nominal)		
Type pressure plate springs		
Total spring load (nominal) N (lbs)		
Clutch facing	Facing mfgr. & matl. coding	
	Facing matl. & construction	
	Rivets per facing	
	Outside x inside dia. (nom.)	
	Total eff.area sq cm (sq in)	
	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

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

o Transmissions/Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	
Manual 5-speed (manufacturer/country)	
Manual 6-speed (manufacturer/country)	
Automatic (manufacturer/country)	
Auto. overdrive (manufacturer/country)	Standard, General Motors Powertrain Division (U.S.A.)

Manual Transmission/Transaxle (NOT APPLICABLE)

Number of forward speeds		
o Gear ratios	1st	
	2nd	
	3rd	
	4th	
	5th	
	6th	
	Reverse	
Synchronous meshing (specify gears)		
Shift lever location		
Trans. case mat'l. & mass kg (lbs)*		
Lubricant	Capacity L (pt.)	
	Type recommended	

Clutch (Manual Transmission) (NOT APPLICABLE)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hyd., cable, rod, lever, other)		
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	
	Released	
Assist (spring, power/percent, nominal)		
Type pressure plate springs		
Total spring load (nominal) N (lbs)		
Clutch facing	Facing mfgr. & matl. coding	
	Facing matl. & construction	
	Rivets per facing	
	Outside x inside dia. (nom.)	
	Total eff.area sq cm (sq in)	
	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

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description	5.0 LITER V8 (305 CID)
Engine Code	ELECTRONIC FUEL INJECTION RPO L03

Automatic Transmission/Transaxle (See Power Teams for Transmission Usage)

Trade Name		4L60 (700-R4)
Type and special features (describe)		4-Speed Overdrive Automatic With Lock-Up Converter Clutch
Gear selector	Location (column, floor, other)	Steering Column
	Ltr./No. designation (e.g. PRND21)	P-R-N-(D)-D-2-1
	Shift interlock (yes, no, describe)	Yes, Brake Transmission Shift Interlock
O Gear ratios	1st	3.06
	2nd	1.62
	3rd	1.00***
	4th	0.70***
	5th	Not Applicable
	6th	"
	Reverse	2.29
Max. upshift speed - drive range km/h (mph)		1-2 = 63 (39) 2-3 = 117 (73)
Max. kickdown speed - drive range km/h (mph)		3-2 = 109 (68) 2-1 = 58 (36)
Min. overdrive speed km/h (mph)		51 (32)
Torque converter	Number of elements	3
	Max. ratio at stall	1.91
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298mm (11.73 in.)
	Capacity factor "K"*	100
Lubricant	Capacity refill L (pt.)	4.7 (10)
	Type recommended	Dexron II ATF
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Standard, Integral With Radiator
Trans. mass kg (lbs) & case matl.**		Aluminum, 74.20 (163.5)

All Wheel / 4 Wheel Drive (NOT APPLICABLE)

Desc. & type (part-time, full-time, 2/4 shift while moving, mech., elect., chain/gear, etc.)		
Transfer case	Manufacturer and model	
	Type and location	
Low-range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split (% frt/rear)	

* Input speed / square root of torque.
** Dry weight including torque converter. If other, specify.
*** Converter Clutch Engagement.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4L60 (700-R4)
Type and special features (describe)		4-Speed Overdrive Automatic With Lock-up Converter Clutch
Gear selector	Location (column, floor, other)	Column
	Ltr./No. designation (e.g. PRND21)	P-R-N-(D)-D-2-1
	Shift interlock (yes, no, describe)	Yes
O Gear ratios	1st	3.06
	2nd	1.63
	3rd	1.00***
	4th	0.70***
	5th	Not Applicable
	6th	"
	Reverse	2.29
Max. upshift speed - drive range [km/h (mph)]		1-2 = 55 (34) 3-4 = 158 (99) 2-3 = 101 (63)
Max. kickdown speed - drive range [km/h (mph)]		3-2 = 80 (50) 2-1 = 51 (32)
Min. overdrive speed [km/h (mph)]		50 (31)
Torque converter	Number of elements	3
	Max. ratio at stall	2.15
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298mm (11.73 in.)
	Capacity factor "K"*	115
Lubricant	Capacity (refill L(pt.)]	4.7 (10)
	Type recommended	Dexron II ATF
Oil cooler (std., opt., N.A., internal, external, air, liquid)		In Radiator
Trans. mass [kg(lbs)] & case matl.**		Aluminum, 74.20 (163.5)

All Wheel / 4 Wheel Drive (NOT APPLICABLE)

Desc. & type (part-time, full-time, 2/4 shift while moving, mech., elect., chain/gear, etc.)		
Transfer case	Manufacturer and model	
	Type and location	
Low-range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split(% frt/rear)	

* Input speed / square root of torque.
** Dry weight including torque converter. If other, specify.

*** Converter Clutch Engagement.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Engine Description 5.0 LITER V8 (305 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L03

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

Axle ratio (or overall top gear ratio)		2.56 (1.79)	3.08 (2.06)	3.23 (2.26)
Ring gear o.d.		7.5	8.50	8.5
No. of teeth	Pinion	16	13	13
	Ring gear	41	40	42

Rear Axle Unit

Description		Semi-Floating Axle, Overhung Hypoid Drive Pinion And Ring Gear		
Limited slip differential (type)		Not Applicable	Cone Clutch	Cone Clutch
Drive pinion	Type	Hypoid Gear		
	Offset	44.0 (1.75)		
No. of differential pinions		2		
Pinion/ differential	Adjustment (shim, etc.)	Shim		
	Bearing adjustment	Collapsible Sleeve		
Driving wheel bearing (type)		Direct Or Single Row Cylindrical		
Lubricant	Capacity L (pt.)	1.65 (3.5)	2.0 (4.2)	2.0 (4.2)
	Type recommended	GL-5 Gear Lubricant		

Propeller Shaft – Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube
O Outer diam. x length* x wall thickness	Manual 3-speed transmission		Not Applicable
	Manual 4-speed transmission		"
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 (3.0) x 1384 (54.49) x 1.65 (.065) LO3 & 4L60 & 8.5" Axle 76.2 (3.0) x 1411 (55.55) x 1.65 (.065) LO3 & 4L60 & 7.5" Axle
Inter-mediate bearing	Type (plain, anti-friction)		None
	Lub. (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 Division, 44
		Rear	Saginaw Division, 44
	Number used		2
	Type (ball and trunnion, cross)		Cross
	Rr. attach(u-bolt,clamp,etc)		Strap & Bolt
	Bearing: Type (plain, anti-friction)		Anti-Friction
	Bearing: Lubrication (fitting, prepack)		Pre-Packed
Drive taken through (torque tube, arms or springs)			Control Arm
Torque taken through (torque tube, arms or springs)			Control Arm

* Centerline to centerline of universal joints, or to centerline of attachment.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Engine Description 5.0 LITER V8 (305 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L03

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

Axle ratio (or overall top gear ratio)		2.56 (1.79)
Ring gear o.d.		8.5
No. of teeth	Pinion	16
	Ring gear	41

Rear Axle Unit

Description		Semi-Floating Axle, Overhung Hypoid Drive Pinion And Ring Gear
Limited slip differential (type)		Cone Clutch
Drive pinion	Type	Hypoid Gear
	Offset	44.0 (1.75)
No. of differential pinions		2
Pinion/ differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Collapsible Sleeve
Driving wheel bearing (type)		Direct Or Single Row Cylindrical
Lubricant	Capacity L (pt.)	2.0 (4.2)
	Type recommended	GL-5 Gear Lubricant

Propeller Shaft – Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube
O Outer diam. x length* x wall thickness	Manual 3-speed transmission		Not Applicable
	Manual 4-speed transmission		"
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 (3.0) x 1384 (54.49) x 1.65 (.065) LO3 & 4L60 & 8.5" Axle
Inter-mediate bearing	Type (plain, anti-friction)		None
	Lub. (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 Division, 44
		Rear	Saginaw Division, 44
	Number used		2
	Type (ball and trunnion, cross)		Cross
	Rr. attach(u-bolt,clamp,etc)		Strap & Bolt
	Bearing: Type (plain, anti-friction)		Anti-Friction
	Bearing: Lubrication (fitting, prepack)		Pre-Packed
Drive taken through (torque tube, arms or springs)			Control Arm
Torque taken through (torque tube, arms or springs)			Control Arm

* Centerline to centerline of universal joints, or to centerline of attachment.

MVMA Specifications

Vehicle Line CAPRICE POLICE SEDAN (SEO 9C1)
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code ELECTRONIC FUEL INJECTION RPO L05

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

Axle ratio (or overall top gear ratio)		3.42 (2.38)
Ring gear o.d.		8.5
No. of teeth	Pinion	12
	Ring gear	41

Rear Axle Unit

Description		Semi-Floating Axle, Overhung Hypoid Drive Pinion And Ring Gear
Limited slip differential (type)		Cone Clutch
Drive pinion	Type	Hypoid Gear
	Offset	44.0 (1.75)
No. of differential pinions		2
Pinion/ differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Collapsible Sleeve
Driving wheel bearing (type)		Direct Or Single Row Cylindrical
Lubricant	Capacity L (pt.)	2.0 (4.2)
	Type recommended	GL-5 Gear Lubricant

Propeller Shaft – Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube
O Outer diam. x length* x wall thickness	Manual 3-speed transmission		Not Applicable
	Manual 4-speed transmission		"
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 (3.0) x 1384 (54.49) x 1.65 (.065) LO5 & 4L60 & 8.5" Axle
Inter-mediate bearing	Type (plain, anti-friction)		None
	Lub. (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 Division, 44
		Rear	Saginaw Division, 44
	Number used		2
	Type (ball and trunnion, cross)		Cross
	Rr. attach(u-bolt,clamp,etc)		Strap & Bolt
	Bearing: Type (plain, anti-friction)		Anti-Friction
	Bearing: Lubrication (fitting, prepack)		Pre-Packed
Drive taken through (torque tube, arms or springs)			Control Arm
Torque taken through (torque tube, arms or springs)			Control Arm

* Centerline to centerline of universal joints, or to centerline of attachment.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

Model Code/Description And/Or Engine Code/Description | ALL

Suspension – General Including Electronic Controls

Car leveling	Std./opt./not avail.		Not Applicable
	Manual/automatic control		"
	Type (air/hydraulic)		"
	Primary/assist spring		"
	Rear only/4 wheel leveling		"
	Single/dual rate spring		"
	Single/dual ride heights		"
	Provision for jacking		"
Shock absorber damping controls	Standard/option/not avail.		Not Applicable
	Manual/automatic control		"
	Number of damping rates		"
	Type of actuation (manual/electric motor/air, etc.)		"
	sensors	Lateral acceleration	"
		Deceleration	"
		Acceleration	"
		Road surface	"
Shock absorber (front & rear)	Type		Sed. Base 25mm Tw.Tube Gas Chrgd./FE2 & 7B3 Sed. 32mm Tw.Tube PLIA Cell,
	Make		Delco Products Classic & LTZ
	Piston diameter		Base 25mm (1 in.) / FE2 32mm (1.26 in.), Classic & LTZ
	Rod diameter		Base 12.7mm (0.5 in.) / FE2 12.7mm (0.5 in.), Classic & LTZ

Suspension – Front

Type and description			SLA
Travel	Full jounce (define load condition)		90 mm (3.4 in.) @ Design (3-Passenger)
	Full rebound		108mm (4.3 in.) @ Design (3 Passenger)
O Spring	Type,(coil,leaf,other&matl)		Coil (Steel/Warm Set, No Paint)
	Insulators (type & matl)		Front Upper (Natural Rubber)
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		Checking Height 296.8mm (11.7 in.) Coil; I.D. 102.9mm (4.05 in.)
	Spring rate N/mm (lb./in.)		Base Sedan 53 (303) FE2 Sedan 77 (440), Classic & LTZ
	Rate @ wheel N/mm (lb./in)		Base Sedan 27 (154) FE2 Sedan 39 (223), Classic & LTZ
O Stabilizer	Type (link,lnkless,frmless)		Link
	Material & O.D. bar/tube, wall thickness		Solid Steel, 28.0mm (1.1 in.)

Suspension – Rear

Type and description			Salisbury, Solid Axle
Travel	Full jounce (define load condition)		110mm (4.3 in.) @ Design (3-Passenger)
	Full rebound		129mm (5.1 in.) @ Design (3 Passenger)
O Spring	Type(coil,leaf,other &matl)		Coil (Steel, Warm Set, Paint)
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		Checking Height, 266.5mm (10.5 in.) Coil; I.D., 152.4mm (6.0 in.)
	Spring rate N/mm (lb/in)		Base Sedan 18 (103)/FE2/7B3 Sedan 27 (154), Classic & LTZ
	Rate @ wheel N/mm (lb/in)		Base Sedan 17.8 (101)/FE2/7B3 Sedan 26.6 (152), Classic & LTZ
	Insulators(type & material)		Upper (Natural)
	If leaf	No. of leaves	Not Applicable
		Shackle(comp or tens)	"
O Stabilizer	Type(link,lnkless,frmless)		Base: None FE2: Linkless, Classic & LTZ
	Material & O.D. bar/tube, wall thickness		Not Applicable
Track bar (type)			Not Applicable

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

Model Code/Description And/Or
Engine Code/Description ALL

Brakes – Service

Description			Single Caliper Disc Front Duo-Servo Drum Rear
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		Delco Moraine NDH, Standard Disc
	Rear (disc or drum)		Delco Moraine NDH, Standard Drum
Valving type(prop,delay,metering,other)			Combination, Metering And Proportioning
Power brake (std., opt., n.a.)			Standard
Booster type(rmt,intgrl,vac.,hyd.,etc.)			Vacuum
Vacuum	Source (inline, pump, etc.)		Engine Manifold
	Reservoir (volume cu. in.)		Not Applicable
	Pump-type		"
Traction control	Operational speed range		Not Applicable
	Type (engine or brake intervention)		"
Antilock device	Front/rear (std., opt., n.a)		Standard
	Manufacturer		Robert Bosch Corporation
	Type (electronic, mech.)		Electronic
	Number sensors or circuits		3
	No. antilock hyd. circuits		3
	Integral or add-on system		Add-On
	Yaw control (yes, no)		Yes
	Hydraulic power source		Electrical
Effective area sq. cm. (sq. in.)*			740 (114.7)
Gross Lng area sq cm (sq in)** (F/R)			270.2 (41.9)/521.5 (80.8)
Swept area sq cm (sq in)*** (F/R)			1563.3 (242.3)/763.5 (118.34), Sedan; 1563.3 (242.3)/883.9 (137.0), Police/LTZ
Rotor	Outer working diameter	F	305mm (12 in.)
	Inner working diameter	F	208mm (8.19 in.)
	Thickness	F	25.4mm (1 in.)
	Matl & type (vented/sld)	F	Cast Iron Vented
Drum	Diameter & width	R	241mm (9.5 in.)/51mm (2 in.), Sedan; 279mm (11 in.)/51mm (2 in.), Police/LTZ
	Type and material	R	Cast Iron Finned
Wheel cylinder bore			25.4mm (1.0 in.)
Master cylinder	Bore/stroke		28.6mm Bore/37.06mm Stroke (Worst Case)
Pedal arc ratio			3.5:1
Line pressure at 445 N (100 lb.) pedal load kPa (psi)			8614 kPa (1250 psi)
Lining clearance		F/R	0mm (0 in.)/.75mm (.030 in.)
Brake lining	Front wheel	Bonded or riveted	Riveted (8)
		Rivet size	Head: 9.1mm (.359 in.)/Shank: 5.3mm (.21 in.)
		Manufacturer	Delco Moraine NDH
		Lining code *****	DM 131 EE
		Material	See Lining Code
		**** Pri.or out-brd	66.87 cu. cm (4.08 cu. in.)
		Size Sec. or in-brd	66.87 cu. cm (4.08 cu. in.)
		Shoe thcknss.(no lng)	3.2mm (.125 in.) Outboard/5.1mm (.200 in.) Inboard
	Rear wheel	Bonded or riveted	Riveted
		Manufacturer	Delco Products
		Lining code *****	Delco 243 EE
		Material	See Lining Code
		**** Pri. or out-brd	59.65 cu. cm. (3.64 cu. in.), Sedan; 77.08 cu. cm. (4.80 cu. in.), Police, LTZ
		Size Sec. or in-brd	98.92 cu. cm. (6.05 cu. in.), Sedan; 114.47 cu. cm. (7.11 cu. in.), Police,LTZ
		Shoe thcknss (no lng)	1.80 - 2.16mm (.071 - .085 in.)

* 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 circum.)
(Disc brake: Square of Outer Working Dia. - 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 for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description: ALL

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P215/75R15 B/W - Base
	Type (bias, radial, etc.)		Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	207 (30)
		Rear kPa (psi)	207 (30)
	Rev/mile-at 70 km/h(45mph)		468 km / 753 mph
Wheels	Type & material		Stamped Steel
	Rim (size & flange type)		15 x 7 'J'
	Wheel offset		7.6 mm
	Attachment	Type(bolt,stud)	Stud
		Circle diameter	5"
		Number & size	5 x 12 mm
Spare	Tire and wheel		T145/80D16 16 x 4
	Storage position & location (describe)		Rearward In Trunk - Under Shelf Panel

Tires And Wheels (Optional)

Tire size (load range, ply)	P215/75R15 W/S
Type (bias, radial, steel, nylon, etc.)	Radial
Wheel (type & material)	Stamped Steel
Rim (size, flange type and offset)	15 x 7 'J'
Tire size (load range, ply)	P225/70R15 W/S - Caprice Classic
Type (bias, radial, steel, nylon, etc.)	Radial
Wheel (type & material)	Cast Aluminum
Rim (size, flange type and offset)	15 x 7 'JJ' x 8.0 mm
Tire size (load range, ply)	P235/70VR15 B/W - LTZ
Type (bias, radial, steel, nylon, etc.)	Radial
Wheel (type & material)	Cast Aluminum
Rim (size, flange type and offset)	15 x 7 'JJ' x 8.0 mm
Tire size (load range, ply)	P235/70VR15 W/S - LTZ
Type (bias, radial, steel, nylon, etc.)	Radial
Wheel (type & material)	Cast Aluminum
Rim (size, flange type and offset)	15 x 7 'JJ' x 8.0 mm
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	

Brakes - Parking

Type of control		Pedal
Location of control		Dash Panel
Operates on		Cable
If separate from service brakes	Type(internal or external)	Internal
	Drum diameter	279 mm (11.0 in.) Includes LTZ/Police
	Lining size (length x width x thickness)	Primary 59.65 cu. cm. Secondary 98.92 cu. cm. - Caprice & Caprice Classic Primary 77.08 cu. cm. Secondary 114.47 cu. cm. - LTZ & Police

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description: CAPRICE CLASSIC LTZ

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P235/70VR15 B/W
	Type (bias, radial, etc.)		Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	205 (30)
		Rear kPa (psi)	205 (30)
	Rev/mile–at 70 km/h(45mph)		462 km/h / 744 miles
Wheels	Type & material		Stamped Steel
	Rim (size & flange type)		15 x 7 "J"
	Wheel offset		7.6mm
	Attachment	Type(bolt,stud)	Stud
		Circle diameter	5"
		Number & size	5 x 12 mm
Spare	Tire and wheel		T145/80D16 16 x 4
	Storage position & location (describe)		In Trunk, Centered Under Shelf Panel

Tires And Wheels (Optional)

Tire size (load range, ply)	P235/70VR15 WSW
Type (bias, radial, steel, nylon, etc.)	Radial
Wheel (type & material)	Stamped Steel
Rim (size, flange type and offset)	15 x 7 "J"
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)	
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 (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	

Brakes – Parking

Type of control		Pedal Application: "T" Handle Release
Location of control		Dash Panel, Left Of Steering Column
Operates on		Cable
If separate from service brakes	Type(internal or external)	Internal
	Drum diameter	279 mm (11 in.)
	Lining size (length x width x thickness)	Primary 77.08 cu. cm.; Secondary 114.47 cu. cm.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description: ALL

Steering

Manual (std., opt., n.a.)				Not Applicable
Power (std., opt., n.a.)				Standard
O Speed-sensitive (std., opt., n.a.)				Not Applicable
O 4-wheel steering (std., opt., n.a.)				Not Applicable
Adjustable steering wheel/ column (tilt, telescope, other)		Type		Tilt
		Manufacturer		Saginaw Division
		(std., opt., n.a.)		Optional (Standard, LTZ)
Wheel diameter ** (W9) SAE J1100		Manual		Not Applicable
		Power		387mm O.D.
Turning diameter m (ft.)	Out-side front	Wall to wall (l. & r.)		40'6" - 42'5"
		Curb to curb (l. & r.)		37'8" - 39'9"
	In-side rear	Wall to wall (l. & r.)		20'7" - 22'6"
		Curb to curb (l. & r.)		21'1" - 23'2"
Scrub Radius *				80.0 mm - P205; 78.0 mm - P215 (Interim); (Not Applicable, LTZ)
Manual	Gear	Type		Not Applicable
		Manufacturer		"
		Ratios	Gear	"
			Overall	"
	No. wheel turns(stop to stop)			"
Power	Type (coaxial,elec.hyd.,etc.)			Hydraulic
	Manufacturer			Saginaw Division
	Gear	Type		Integral
		Ratios	Gear	Base, Police & LTZ, 14:1; FE2, 12.7:1
			Overall	16.07, 15.3 (Police); 15.3:1, (LTZ)
	Pump (drive)			Belt
	No. wheel turns(stop to stop)			3.17, 3.06 (Police & LTZ)
Linkage	Type			Parallelogram W/Lube Fittings
	Location (front or rear of wheels, other)			Front
	Tie Rods (one or two)			See Linkage
Steering axis	Inclination at camber (deg.)			0 +/- .8
	Bear-ings (type)	Upper		Not Applicable
		Lower		"
		Thrust		"
Steering spindle/knuckle & joint type				Tapered Stud

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDANS
Model Year 1992 Issued 9-91 Revised(*)

Model Code/Description And/Or
Engine Code/Description

ALL

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	3.5 (+/-) 1.0
		Camber (deg.)	0.8 (+/-) 0.8
		Toe-in outside track - mm (in.)	0.16 (+/-) 0.20
	Service reset*	Caster (deg.)	2.8 (+/-) 1.0
		Camber (deg.)	0.8 (+/-) 0.8
		Toe-in - mm(in.)	0.16 (+/-) 0.20
	Periodic M.V. inspection	Caster (deg.)	2.8 (+/-) 1.0
		Camber (deg.)	0.8 (+/-) 0.8
		Toe-in - mm(in.)	0.16 (+/-) 0.20
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	Not Applicable
		Toe-in outside track - mm (in.)	"
	Service reset*	Camber (deg.)	"
		Toe-in - mm(in.)	"
	Periodic M.V. inspection	Camber (deg.)	"
		Toe-in - mm(in.)	"

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

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)		Analog Standard, Digital Standard, LTZ
	Trip odometer (std., opt., n.a.)		Standard
Head-up display	Std., opt., not avail.		Not Applicable
	Type - Secondary, Opto-electronic		"
	Speedometer	Digital	"
	Status/warn. indicators - Turn signals, high beam, low fuel, check gauges		"
	Brightness control	Day/night mode, adj.	"
EGR maintenance indicator			None
Charge indicator	Type		Telltale
	Warning device (light, audible)		Light
Temperature indicator	Type		Gauge & Teiltale
	Warning device		Light
Oil pressure indicator	Type		Telltale
	Warning device		Light
Fuel indicator	Type		Gauge
	Warning device		Light (Classic & LTZ)
Windshield wiper	Type (standard)		Delay
	Type (optional)		None
	Blade length		22 in.
	Swept area sq cm (sq in)		7655.8 (1186.9)
Windshield washer	Type (standard)		Centrifugal Pump - Demand Wash
	Type (optional)		Not Applicable
	Fluid level indicator		Light (Classic & LTZ)
Rear window wiper, wiper/washer (std., opt., n.a.)			Not Applicable
Horn	Type		Delco
	Number used		2
Other			Low Coolant Indicator, Telltale-Light (Classic & LTZ) Low Oil Level Indicator, Telltale-Light (All Sedans)

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Engine Code/Description

5.0 LITER V8 (305 CID)
ELECTRONIC FUEL INJECTION RPO L03

Electrical – Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12
	Amps at 0 deg F cold crnk	525
	Minutes-reserve capacity	90
	Amps/hrs. – 20 hr. rate	54
	Location	Engine Compartment, RH Side
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 Amps (1600/6500 Generator rpm)
	Ratio (alt. crank/rev.)	3.0
	Output at idle (rpm, park)	36 Amps (1600 Generator rpm)
	Optional (type & rating)	No
Regulator	Type	Temperature Compensated Per Curve C-6507

Electrical – Starting System

Motor	Manufacturer	Delco Remy
	Curr.dr. -34 (-29) deg C(F)	360 Amps During Crank
	Power rating kw (hp)	1.4
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Front

Electrical – Ignition System

Type	Electronic (std, opt,n.a.)		Electronic, Standard
	Other (specify)		High Energy Ignition, (H.E.I.)
Coil	Manufacturer		Delco Remy
	Model		Separate
	Current	Engine stopped-A	0 Amp
		Engine idling – A	1
Spark plug	Manufacturer		AC
	Model		R45TS
	Thread (mm)		14 x 1.25
	Tightening torque Newton meters (lb. ft.)		9-20 (7-15)
	Gap		0.89 (0.035)
	Number per cylinder		1
Distributor	Manufacturer		Delco Remy
	Model		Remote Coil

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.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Engine Code/Description

5.7 LITER V8 (350 CID)
ELECTRONIC FUEL INJECTION RPO L05

Electrical – Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12
	Amps at 0 deg F cold crnk	525
	Minutes–reserve capacity	90
	Amps/hrs. – 20 hr. rate	54
	Location	Engine Compartment, RH Side
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 Amps (1600/6500 Generator rpm)
	Ratio (alt. crank/rev.)	3.0
	Output at idle (rpm, park)	36 Amps (1600 Generator rpm)
	Optional (type & rating)	No
Regulator	Type	Temperature Compensated Per Curve C-6507

Electrical – Starting System

Motor	Manufacturer	Delco Remy
	Curr.dr. –34 (–29) deg C(F)	360 Amps During Crank
	Power rating kw (hp)	1.4
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Front

Electrical – Ignition System

Type	Electronic (std, opt,n.a.)		Electronic, Standard
	Other (specify)		High Energy Ignition, (H.E.I.)
Coil	Manufacturer		Delco Remy
	Model		Separate
	Current	Engine stopped–A	0 Amp
		Engine idling – A	1
Spark plug	Manufacturer		AC
	Model		R45TS
	Thread (mm)		14 x 1.25
	Tightening torque Newton meters (lb. ft.)		9-20 (7-15)
	Gap		0.89 (0.035)
	Number per cylinder		1
Distributor	Manufacturer		Delco Remy
	Model		Remote Coil

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.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Model Code/Description	ALL

Body

Structure	All Welded Heavy-Gage Steel Body. Full Perimeter Frame.
Bumper system front - rear	Frame Mounted Steel Beam On Delco Energy Absorbers Covered With Urethane Fascia. Performance 5 mph.
Anti-corrosion treatment	2-Sided Galvanized A-METAL REQUIREMENTS 1. Quarter 2. Door Inner & Outer 3. Fender Inner & Outer 4. Hood Inner & Outer 5. Decklid Inner & Outer B-SUBSEQUENT COATINGS 1. Phosphate 2. Cathodic Elpo 3. Augmented Waxes

Body – Miscellaneous Information

Type of finish (lacquer, enamel, other)			Base-Coat/Clear-Coat
Hood	Material & mass		Steel, Hood Assembly With Grille, Brks, Insulator (26.5)
	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Gas Spring
	Release control (int., ext.)		Internal
Trunk lid	Material & mass		Steel, (19.6)
	Type (counterbalance, other)		Torque Rod
	Internal release control (elec., mech., n.a.)		Optional, Electric (Standard for LTZ)
Hatch-back lid	Material & mass		Not Applicable
	Type (counterbalance, other)		"
	Internal release control elec., mech., n.a.)		"
Tailgate	Material & mass		"
	Type (drop, lift, door)		"
	Internal release control (elec., mech., n.a.)		"
Vent window control (crank, friction, pivot, power)		Front	"
		Rear	"
Window regulator type (cable, tape, flex drive, etc.)		Front	Cross-Arm Regulator
		Rear	Cross-Arm Regulator
Seat cushion type (e.g., 60/40, bucket, bench wire, foam, etc.)		Front	Bench Std., Wire Susp.: 55 Driver, 45 Pass., Wire Susp. Avail. (Std. LTZ)
		Rear	Bench Std., Wire/Foam Suspension
		3rd seat	Not Applicable
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)		Front	Bench Std., Wire Susp.: 55 Driver, 45 Pass., Wire Susp., Armrest (Std. LTZ)
		Rear	Bench Std., Wire/Foam Susp.: Armrest Version Avail (Std. LTZ)
		3rd seat	Not Applicable

o Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Separate Frame. Sedan: 2 Crossmembers

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Model Code/Description ALL

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	Lap And Shoulder Belt	Lap Belt	Lap And Shoulder Belt
		Second seat	Lap And Shoulder Belt	Lap Belt	Lap And Shoulder Belt
	Standard/ optional	Third seat	Not Applicable	Not Applicable	Not Applicable
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)	First seat	Supplemental Inflatable Restraint	Not Applicable	Not Applicable
		Second seat	Not Applicable	Not Applicable	Not Applicable
	Standard/ optional	Third seat	Not Applicable	Not Applicable	Not Applicable

Glass

	SAE Ref No	
Windshield glass exposed surface area sq. cm. (sq. in.)	S1	7276.8 (1127.9)
Side glass exposed surface area sq. cm. (sq. in.) - total 2-sides	S2	18124.5 (2809.3)
Backlight glass exposed surface area sq. cm. (sq. in.)	S3	5919.4 (917.5)
Total glass exposed surface area sq. cm. (sq. in.)	S4	31320.7 (4854.7)
Windshield glass (type)		Curved - Laminated Plate
Side glass (type)		Curved - Tempered Plate
Backlight glass (type)		Curved - Tempered Plate

Headlamps

Description - sealed beam, halogen, replaceable bulb, etc.	Replacement Bulb
Shape	Contoured
Lo-beam type (2A1, 2B1, 2C1, etc.)	9004 Bulb
Quantity	2 Per Vehicle
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	Included In Lo-Beam Bulb 9004
Quantity	Not Applicable

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

METRIC (U.S. Customary)

Engine Code/Description ALL

Climate Control System

Air conditioning (std., opt., man., auto.)		Standard; Electronic Climate Control, Optional
Condenser	Type	Tube & Fin
	Eff. face area (sq. mm.)	308,250
	Fins per inch	13
Evaporator	Type	
	Eff. face area (sq. mm.)	75,600
	Fins per inch	
Heater Core	Material	CU/BR (Early Production); Aluminum (Interim)
	Eff. face area (sq. mm.)	33,600
	Fins per inch	13
Compressor	Type	R-4 (Radial - 4 Cylinder)
	Displacement (cc)	180.3
	Manufacturer	Harrison Division; G.M.
	A/C pulley ratio	1.76
Accumulator	Type	
	Height (mm.)	205
	Diameter (mm.)	88
Receiver	Type	Integral W/Accumulator
	Height (mm.)	
	Diameter (mm.)	
Refrigerant control (CCOT, TVS, etc.)		CCOT
Heater water valve (yes / no)		Yes - Early Production; No - Interim
Refrigerant (R - 12, R - 134a, etc.)		R-12
Charge level (lbs. - oz.)		3 lbs, 2 oz.
Cold engine lockout switch (yes / no)		No
Wide open throttle cutout switch (yes / no)		No

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)

Model Code/Description | ALL

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

Clock (digital, analog)		Digital - In Radio
Compass / thermometer		Compass, Mirror Mounted - Optional, Classic & LTZ Only
Console (floor, overhead)		Not Applicable
Defroster, elec. backlight		Optional
Electronic	Diagnostic monitor (integrated, individual)	Low Oil Level Indicator, Standard (Washer, Coolant, Fuel, Oil Level Indicators Standard on Classic & LTZ)
	Instrument cluster (list instruments)	Speedo Fuel Temp
	Keyless entry	Optional, Classic Only; Remote Keyless Entry, Standard on LTZ
	Tripminder (avg. spd. fuel)	Not Applicable
	Voice alert (list items)	Not Applicable
	Other	
Fuel door lock (remote, key, electric)		Not Applicable
Lamps	Auto head on/off delay, dimming	Optional, Classic & LTZ Only
	Cornering	Standard, Classic & LTZ Only
	Courtesy (map, reading)	Courtesy (Door) - Standard, Classic & LTZ Only. Reading Lamps - Standard, Classic & LTZ; Optional, Caprice
	Door lock, ignition	None
	Engine compartment	Standard, RH Side
	Fog	None
	Glove compartment	Standard
	Trunk	Standard
	Illuminated entry system (list lamps, activation)	None
	Other	Center High-mounted Stop Lamp
	Ashtray (Front)	Standard
Mirrors	Day / night (auto. man.)	Manual
	L.H. (remote, pwr., heated)	Remote - Standard, Power Or Power Heated - Optional, Power - Std. on LTZ.
	R.H.(convex, rmt, pwr, htd)	Manual-Std., Power Or Power Heated-Opt. (Convex Mirror), Power-Std. on LTZ
	Visor vanity (RH/LH illum.)	Non-Illum. - LH & RH, Standard / Optional RH - Illum. (Std. RH Illum. on LTZ)
Navigation system (describe)		Not Applicable (Electronic Compass In Rearview Mirror, Optional on LTZ)
Prkg. brake-auto release (warn. light)		Base Light

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Model Code/Description | ALL

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

Power equipment	Deck lid(release, pull down)		Release - Optional (Standard on LTZ)
	Door locks (manual, auto., describe system)		Manual - Standard Power - Optional (Power - Standard On Classic & LTZ Only)
	Seats	2 - 4 - 6 way, etc.	6-Way RH & LH, Optional Classic; LH Only, Optional Caprice; 6-Way LH Standard, RH Optional On LTZ
		Reclining(R.H., L.H.)	Manual RH & LH On All Split Seats
		Memory (R.H., L.H., preset, recline)	None
		Support (lumbar, hip, thigh, etc.)	None
		Heated (R.H., L.H., other)	None
	Side windows		Power - Optional (Standard - Classic & LTZ)
	Vent windows		None
	Rear windows		Not Applicable
Radio systems	Antenna (location, whip, w/shield, power)		Whip RH Front Fender; Power - Optional (Power Standard on LTZ)
	Stan.	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo Seek, Scan, Clock - ETR
	Opt.		AM/FM Stereo Seek, Scan, Auto Reverse Cass., Clock ERS AM/FM Stereo Seek, Scan, Auto Reverse Cass., Clock ETR, Bose AM/FM Stereo Seek, Scan, CD, Clock ETR, Bose W/Delco Lock (Anti-Theft)
	Speaker (number, location)		4 Speakers - 1 Each Front Door, 2 Rear Shelf
Roof: open air or fixed (flip-up, sliding, 'T')			Not Applicable
Speed control device			Cruise Control - Stepper Motor, Optional (Standard On LTZ)
Speed warn. dev. (light, buzzer, etc.)			Not Applicable
Tachometer (rpm)			"
Telephone system (describe)			"
Theft deterrent system			"

Trailer Towing

Towing capable	Yes / No	Class I (Base); Class III w/V92 (Optional)
Engine/transmission/axle	Std / Opt	L03 (Standard); MD8, 700R4 Trans (Standard); 3.08 Axle (Optional)
Tow class (I, II, III)*	Std / Opt	III (Optional)
Max. gross trailer wgt. (lbs.)	Std / Opt	5000 (Optional)
Max. trailer tongue load (lbs.)	Std / Opt	600 w/Wright Distr. Hitch (Optional)
Towing package available	Yes / No	V92

* Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

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.

Model Code/Description ALL

Width	SAE Ref. No.	
Tread (front)	W101	1568 (61.8)
Tread (rear)	W102	1542 (60.7)
Vehicle width	W103	1956 (77.0)
Body width at Sg RP (front)	W117	1953 (76.9)
Vehicle width (front doors open)	W120	3589 (141.3)
Vehicle width (rear doors open)	W121	3468 (60 deg.) (136.6)
Tumble-home (deg.)	W122	27.5
Outside mirror width	W410	2114 (83.2)

Length		
Wheelbase	L101	2945 (115.9)
Vehicle length	L103	5439 (214.1)
Overhang (front)	L104	1059 (41.7)
Overhang (rear)	L105	1435 (56.5)
Upper structure length	L123	3143 (123.7)
Rear wheel C/L 'X' coordinate	L127	4475 (176.3)

Height **		
Passenger distribution (front/rear)	PD1,2,3	Not Available **
Trunk/cargo load		**
Vehicle height	H101	1415 (55.7)
Cowl point to ground	H114	970 (38.2)
Deck point to ground	H138	1063 (41.9)
Rocker panel-front to ground	H112	256 (10.1)
Rocker panel-rear to ground	H111	270 (10.6)
Windshield slope angle (deg.)	H122	60.5
Backlight slope angle (deg.)	H121	65.5

Ground Clearance **		
Front bumper to ground	H102	256 (10.1), EPA
Rear bumper to ground	H104	320 (12.6), EPA
Bumper to ground front at curb mass (wt.)	H103	283 (11.1), Curb
Bumper to ground rear at curb mass (wt.)	H105	360 (14.2), Curb
Angle of approach (deg.)	H106	16 EPA
Angle of departure (deg.)	H107	9.4 EPA
Ramp breakover angle (deg.)	H147	14.1 EPA, 9.9 GVM
Axle differential to ground (front/rear)	H153	193 (7.6)
Min. running ground clearance	H156	178.7 (7.0), Curb 157.0 (6.2), EPA
Location of min. run. grd. clear.		Rear Lower Trailing Arm Bracket

** 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.

All Linear Dimensions Are In Millimeters (Inches).

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)
Vehicle Dimensions

See Key Sheets for Definitions

Model Code/Description ALL

	Front Compartment	SAE Ref. No.	
	SgRP front, 'X' coordinate	L31	3078 (121.2)
	Effective head room	H61	996 (39.2)
	Max. eff. leg room (accelerator)	L34	1072.0 (42.2)
	SgRP to heel point	H30	220.0 (8.7)
	SgRP to heel point	L53	876.0 (34.5)
	Back angle (deg.)	L40	26.5
	Hip angle (deg.)	L42	97
	Knee angle (deg.)	L44	127
	Foot angle (deg.)	L46	87
	Design H-point front travel	L17	163.0 (6.4)
	Normal driving & riding seat track trvl.	L23	143.0 (5.6)
	Shoulder room	W3	1610.0 (63.4)
	Hip room	W5	1448.0 (57.0)
***	Upper body opening to ground	H50	1505 (59.3)
	Steering wheel maximum diameter*	W9	387.0 (15.2)
	Steering wheel angle (deg.)	H18	19
	Accel. heel pt. to steer. whl. cntr	L11	555 (21.9)
	Accel. heel pt. to steer. whl. cntr	H17	629.0 (24.8)
	Undepressed floor covering thickness	H67	9.0 (0.35)

Front Compartment Int. Dim. Are Measured With The Seating Ref. Pt. (SgRP) 20 mm (1 Seat Adjuster Notch) Forward of Rearmost Seat Position.

	Rear Compartment		
	SgRP point couple distance	L50	882.0 (34.7)
	Effective head room	H63	963 (37.9)
	Min. effective leg room	L51	1002 (39.5)
	SgRP (second to heel)	H31	292.0 (11.5)
	Knee clearance	L48	64 (2.5)
	Shoulder room	W4	1610.0 (63.4)
	Hip room	W6	1445.0 (56.9)
***	Upper body opening to ground	H51	1362 (53.6)
	Back angle (deg.)	L41	25
	Hip angle (deg.)	L43	93
	Knee angle (deg.)	L45	110
	Foot angle (deg.)	L47	127.5
	Depressed floor covering thickness	H73	18.0

Luggage Compartment

	Usable luggage capacity L (cu. ft.)	V1	577.4 (20.4)
***	Liftover height	H195	785.5 (30.9)

Interior Volumes (EPA Classification)

Vehicle class		Large
Interior volume index (cu. ft.)**		134.6 = Pass. Area 114.2 (Frt. 60.2 + Rr. 54.0) + Trunk Area 20.4
Trunk / cargo index (cu. ft.)		20.4

* See page 14.
** Includes passenger and trunk / cargo index - see definition page 33.

***** EPA Loaded Vehicle Weight, Loading Conditions.**

All Linear Dimensions Are In Millimeters (Inches).

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*) _____

METRIC (U.S. Customary)
Vehicle Dimensions

See Key Sheets for Definitions

Model Code/Description | ALL

Station Wagon / MPV** – Third Seat

SAE Ref. No. (NOT APPLICABLE)

Seat facing direction	SD1	
SgRP couple distance	L85	
Shoulder room	W85	
Hip Room	W86	
Effective leg room	L86	
Effective head room	H86	
SgRP to heel point	H87	
Knee clearance	L87	
Back angle (deg.)	L88	
Hip angle (deg.)	L89	
Knee angle (deg.)	L90	
Foot angle (deg.)	L91	

Station Wagon / MPV** Cargo Space

(NOT APPLICABLE)

Cargo length (open front)	L200	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Min. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
* Tailgate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index cu. m. (cu. ft.)	V2	
Hidden cargo vol. index cu.m. (cu. ft.)	V4	
Cargo volume index-rear of 2-seat	V10	
O Cargo Volume index**	V6	
O Cargo width at floor**	W500	
O Maximum cargo height**	H505	

Hatchback – Cargo Space

(NOT APPLICABLE)

Cargo length at front seatback height	L208	
Cargo length at floor (front)	L209	
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 cu. m. (cu. ft.)	V3	
Hidden cargo vol. index cu.m. (cu. ft.)	V4	
Cargo volume index-rear of 2-seat	V11	

* EPA Loaded Vehicle Weight, Loading Conditions

** MPV - Multipurpose Vehicle

All Linear Dimensions Are In Millimeters (Inches).

MVMA Specifications

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised(*)

METRIC (U.S. Customary)

Model Code/ Description ALL

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	X - Fiducial mark to vertical zero grid line - front measured horizontally, from the zero 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 zero grid line - front, measured vertically from zero grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
Rear	X - Fiducial mark to vertical zero grid line - rear, measured horizontally from the zero grid line to rear fiducial mark located on the rail (compartment pan - longitudinal). X - 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 zero grid line - rear, measured vertically from the zero grid line to rear fiducial mark located on the rail (compartment pan - longitudinal).
NOTE: Provide 3 of 4 Fiducial Mark Locations	

Front	W21**	564 (22.2)
	L54**	2754 (108.4)
	H81**	509 (20.0)
	H161**	348 (13.7), Curb
***	H163**	392 (15.4)

Rear	W22**	254 (10.0)
	L55**	5533 (217.8)
	H82**	586 (23.1)
	H162**	446 (17.6)
***	H164**	359 (14.1)

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.
** Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.
*** **EPA Loaded Vehicle Weight, Loading Conditions.**
All Linear Dimensions Are In Millimeters (Inches).

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN

Model Year 1992 Issued 9-91 Revised(*) _____

Code	Model	VEHICLE MASS (weight)					% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg (lb) ***	ETWC** Code	PASS IN FRONT		PASS IN REAR	
		Front	Rear	Total			Front	Rear	Front	Rear
CAPRICE 1BL19		1013	783	1796	1740					
4-Dr. Notchback Sedan (L03 & MD8)		(2229)	(1723)	(3952)	(3828)	Z	47.4	52.6	17.4	82.6
CAPRICE CLASSIC 1BN19 (W/Z09)		1018	785	1803	1747					
4-Dr. Notchback Sedan (L03 & MD8)		(2239)	(1727)	(3966)	(3842)	Z	47.4	52.6	17.4	82.6
CAPRICE CLASSIC LTZ 1BN19 (W/Z09		1030	811	1841	1785					
& BU4) 4-Dr. Sedan (L03 & MD8)		(2266)	(1784)	(4050)	(3926)	Z	47.4	52.6	17.4	82.6
CAPRICE W/POLICE PKG. 1BL19 & 9C1		1048	825	1873	1817					
4-Dr. Notchback Sedan (L03 & MD8)		(2306)	(1815)	(4121)	(3997)	Z	47.4	52.6	17.4	82.6

* Reference – SAE J1100 Motor vehicle dimensions, curb weight definition.
** ETWC – Equivalent Test Weight Class – basis for U.S. Environmental Protection Agency emission certifications. Refer to ETWC code legend below for test weight class.

ETWC LEGEND

A = 1000	I = 2000	Q = 3000	Y = 4000
B = 1125	J = 2125	R = 3125	Z = 4250
C = 1250	K = 2250	S = 3250	AA = 4500
D = 1375	L = 2375	T = 3375	BB = 4750
E = 1500	M = 2500	U = 3500	CC = 5000
F = 1625	N = 2625	V = 3625	DD = 5250
G = 1750	O = 2750	W = 3750	EE = 5500
H = 1875	P = 2875	X = 3875	FF = 5750

*** Shipping Mass (weight) = Curb Weight Less:

56 (124)

20.2 gal. * 2.776 = kg. * 2.2046 = lbs.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

Code	Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
AA7	Window - Power Operated	2.8 (6.2)	2.6 (5.7)	5.4 (11.9)	1BA00
AG1	Seat Adjuster - 6 Way Power Driver Only	1.8 (4.0)	1.6 (3.5)	3.4 (7.5)	1BA00
AG2	Seat Adjuster - 6 Way Power	1.8 (4.0)	1.6 (3.5)	3.4 (7.5)	
AM6	Seat Front Split (3 Passenger)	4.0 (8.8)	3.2 (7.1)	7.2 (15.9)	1BA00
AU0	Lock Control - Remote Entry	.8 (1.8)	.2 (0.4)	1.0 (2.2)	
AU3	Lock - Side Driver, Electric	2.0 (4.4)	1.2 (2.6)	3.2 (7.1)	1BA00
A90	Lock - Rear Compartment Lid, Remote Control Electric	-.2 (-0.4)	.8 (1.8)	.6 (1.3)	1BA00
BY1	Ornamentation - Exterior Emblem, Body VAR 3	.2 (0.4)	.2 (0.4)	.4 (0.9)	1BA00
B37	Mat - Floor Front and Rear	2.0 (4.4)	.8 (1.8)	2.8 (6.2)	
CD2	Indicator - Windshield Washer Jar Fluid	.2 (0.4)	0 (0)	.2 (0.4)	1BL19
C49	Defogger - Rear Window, Electric	.2 (0.4)	.2 (0.4)	.4 (0.9)	1BA00
C71	Lamp - Interior Front Door	.2 (0.4)	0 (0)	.2 (0.4)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
DC4	Mirror - Inside, Rearview, Tilt Reading Lamp	.2 (0.4)	0 (0)	.2 (0.4)	1BA00
DD1	Mirror - Inside, Rearview, Dual Reading	.2 (0.4)	0 (0)	.2 (0.4)	1BL19
DG7	Mirror - Outside, Left and Right, Electric Painted	.4 (0.9)	0 (0)	.4 (0.9)	1BA00
DL8	Mirror - Outside Rear	.6 (1.3)	0 (0)	.6 (1.3)	
F41	Suspension system - Front/Rear, Firm Ride, Handling	3.2 (7.1)	7.6 (16.8)	10.8 (23.8)	1BA00
GU4	Axle - Rear (3.08 Ratio)	0 (0)	6.6 (14.6)	6.6 (14.6)	
G67	Automatic Load Level Control	3.2 (7.1)	3.2 (7.1)	6.4 (14.1)	
G80	Axle - Rear (Limited Slip)	0 (0)	3.6 (7.9)	3.6 (7.9)	1BA00 & GU4/GU5/GU6
JA2	Brake - System Heavy Duty	0 (0)	8.4 (18.5)	8.4 (18.5)	1BL19 & Z09 = Caprice Classic
JA2	Brake - System Heavy Duty	0 (0)	8.4 (18.5)	8.4 (18.5)	1BL19 & B4U = Caprice Classic LTZ
KC4	Cooling System - Engine Oil	2.8 (6.2)	0 (0)	2.8 (6.2)	
KW2	Generator - 124 AMP	.2 (0.4)	0 (0)	.2 (0.4)	1BA00

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

		Optional Equipment Differential Mass (weight)*			
		MASS, kg. (lb.)			
Code	Equipment	Front	Rear	Total	Remarks Restrictions, Requirements
K05	Heater - Engine Block	.4 (0.9)	0 (0)	.4 (0.9)	
K34	Cruise Control Automatic Electronic	1.6 (3.5)	0 (0)	1.6 (3.5)	
NK4	Steering Wheel - Sport, Leather	.2 (0.4)	0 (0)	.2 (0.4)	1BL19 & B4U = Caprice Classic LTZ
NM8	Emission System - Leaded Fuel	.4 (0.9)	.6 (1.3)	1.0 (2.2)	
N81	Fullsize Spare Tire	-.6 (-1.3)	7.0 (15.4)	6.4 (14.1)	
PA5	Hubcaps - Wheel	1.2 (2.6)	1.2 (2.6)	2.4 (5.3)	1BL19
PD4	Wheel - 15 x 7, Light Metal	-.4 (-0.9)	-.4 (-0.9)	-.8 (-1.8)	
P17	Spare Tire Cover	0 (0)	.2 (0.4)	.2 (0.4)	1BL19
QNP	Tire - P225/70R15/N	3.6 (7.9)	3.6 (7.9)	7.2 (15.9)	1BA00
QQG	Tire - P235/70R15	4.2 (9.3)	4.2 (9.3)	8.4 (18.5)	1BL19
T82	Headlamps - Twilight Sentinel	.4 (0.9)	0 (0)	.4 (0.9)	
T87	Lamps - Cornering	.4 (0.9)	0 (0)	.4 (0.9)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

Code	Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
UL5	Radio - Delete	-1.0 (-2.2)	-.2 (-0.4)	-1.2 (-2.6)	
UM6	Radio - AM/FM Stereo, Seek & Scan, Cassette, Clock	.6 (1.3)	.2 (0.4)	.8 (1.8)	
UQ5	Speaker System - 4 Dual	.2 (0.4)	.8 (1.8)	1.0 (2.2)	
UU8	AM/FM Stereo Cassette ETR	.6 (1.3)	.2 (0.4)	.8 (1.8)	
U1B	Radio - AM/FM, Seek & Scan, Compact Disc	.8 (1.8)	.2 (0.4)	1.0 (2.2)	
U38	Indicator - Low Coolant	.2 (0.4)	0 (0)	.2 (0.4)	
U41	Indicator - Low Fuel	.2 (0.4)	0 (0)	.2 (0.4)	
U75	Antenna - Power, Radio	1.0 (2.2)	0 (0)	1.0 (2.2)	
V08	Radiator - Heavy Duty (Required With V92)	2.6 (5.7)	0 (0)	2.6 (5.7)	
6H6	Automatic Trunk Opener	-.2 (-0.4)	.8 (1.8)	.6 (1.3)	
6J6	Lamp Package - Rear Panel Lights	0 (0)	1.6 (3.5)	1.6 (3.5)	1BL19
7B3	Suspension - Special Handling	3.4 (7.5)	9.4 (20.7)	12.8 (28.2)	1BL19 & B4U - Caprice Classic LTZ

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

MVMA Specifications

METRIC (U.S. Customary)

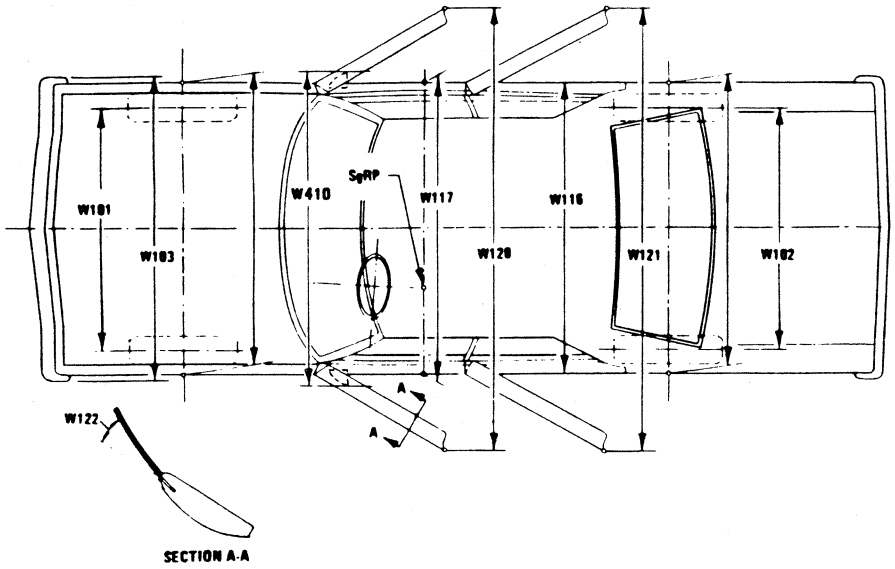
Vehicle Line CAPRICE SEDAN
Model Year 1992 Issued 9-91 Revised

Optional Equipment Differential Mass (weight)*					
		MASS, kg. (lb.)			Remarks Restrictions, Requirements
Code	Equipment	Front	Rear	Total	
9C1	Police Car	12.0 (26.5)	7.4 (16.3)	19.4 (42.8)	
9C6	Taxi Cab	8.2 (18.1)	11.2 (24.7)	19.4 (42.8)	

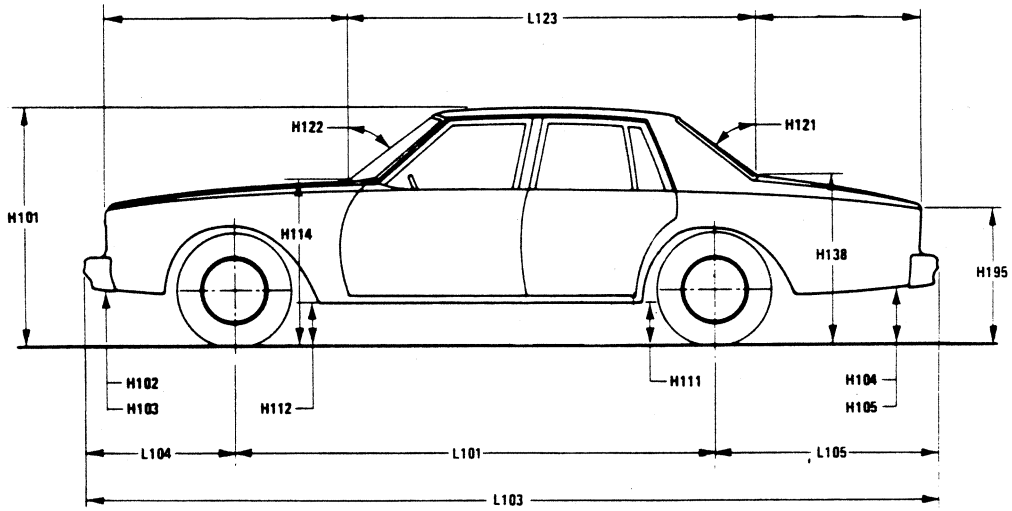
* Also see Engine – General Section for dressed engine mass (weight).

Exterior Vehicle And Body Dimensions – Key Sheet

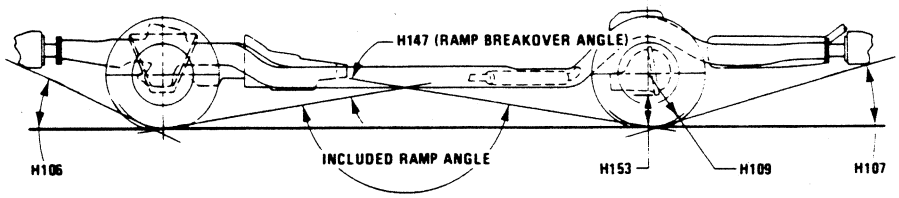
Exterior Width



Exterior Length & Height



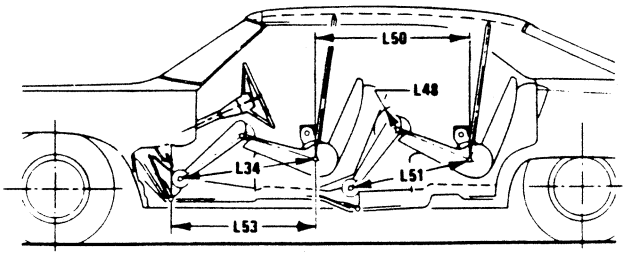
Exterior Ground Clearance

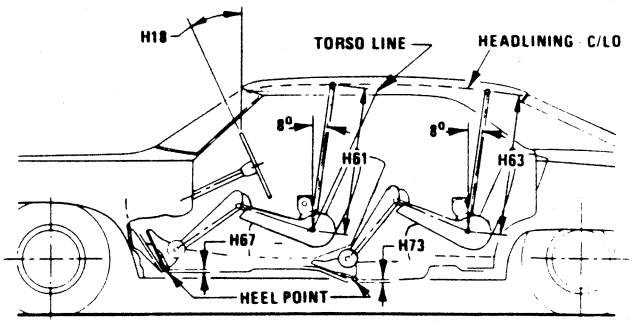


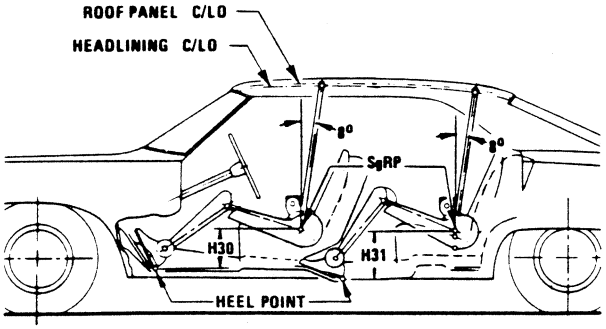
MVMA Specifications Form

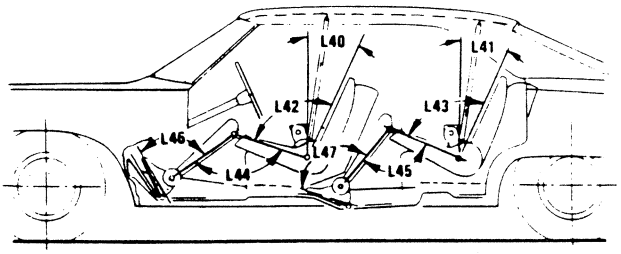
METRIC (U.S. Customary)

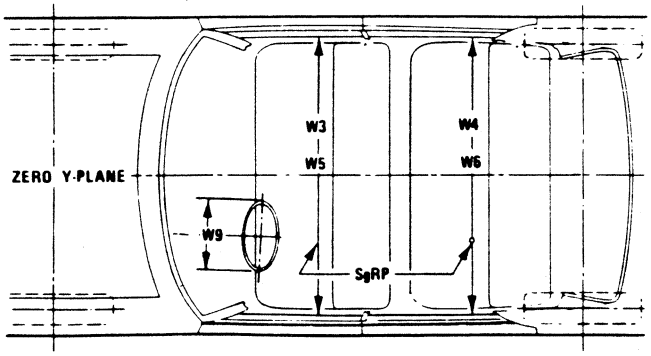
Interior Vehicle And Body Dimensions – Key Sheet

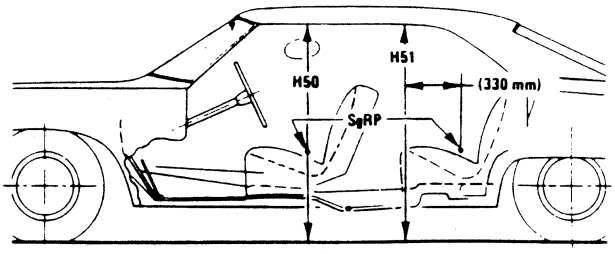






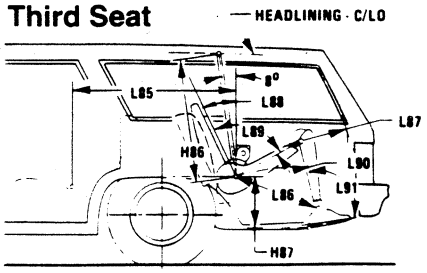


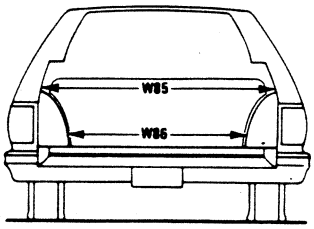




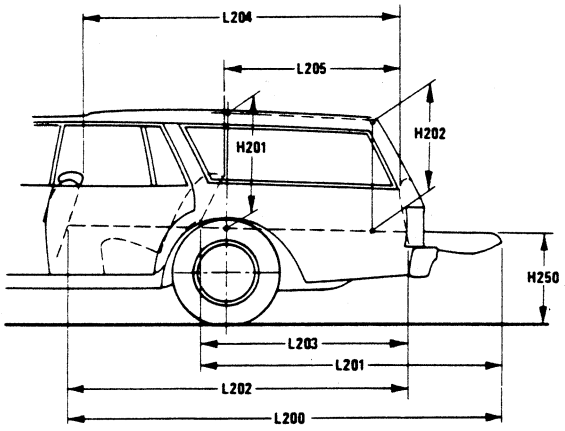
Interior Vehicle And Body Dimensions – Key Sheet

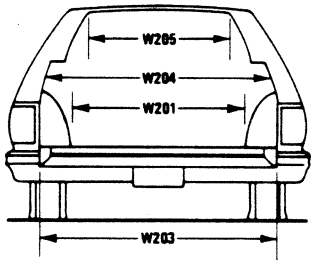
Third Seat



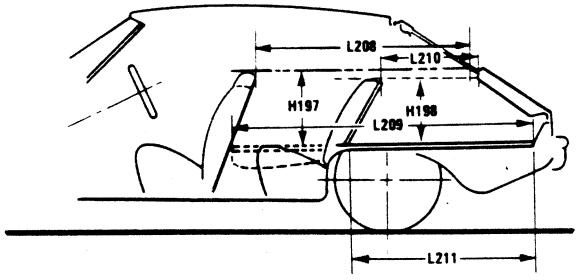


Cargo Space

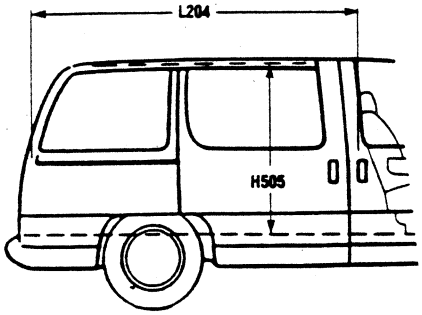


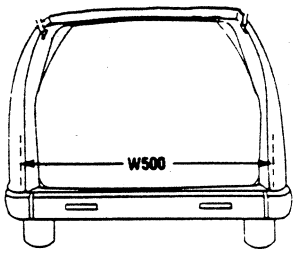


Station Wagon



Hatchback





∅ Multipurpose Vehicle

MVMA Specifications

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.

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.

W410 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" 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 OVERHAND – 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.

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.

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.

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.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Glass Areas

S1 Windshield area.
S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
S3 Backlight areas.
S4 Total area. Total of all areas (S1 + S2 + S3).

Fiducial Mark Dimensions

Fiducial Mark – Number 1

L54 "X" coordinate.
W21 "Y" coordinate.
H81 "Z" coordinate.
H161 Height "Z" coordinate to ground at curb weight.
H163 Height "Z" coordinate to ground.

Fiducial Mark – Number 2

L55 "X" coordinate.
W22 "Y" coordinate.
W82 "Z" coordinate.
H162 Height "Z" coordinate to ground at curb weight.
H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

L11 ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.
L17 DESIGN H-POINT – FRONT TRAVEL. The dimension measured horizontally between the design H-point – front in the foremost and rearmost seat track positions. (See SAE J1100)
L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).
L31 SgRP – FRONT. "X" COORDINATED.
L34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP – front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
L-40 BACK ANGLE – FRONT. The angle measured between a vertical line through the SgRP – front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
L-42 HIP ANGLE – FRONT. The angle measured between torso line and thigh centerline.
L44 KNEE ANGLE – FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
L46 FOOT ANGLE – FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.
L53 SgRP – FRONT TO HEEL. The dimension measured horizontally from the SgRP – front to the accelerator heel point.
W3 SHOULDER ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front at height between the belt line and 254 mm (10.0 in.) above the SgRP – front, excluding the door assist strap and attaching parts.
W5 HIP ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) fore and aft of the SgRP – front.
W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP – front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
H30 SgRP – FRONT TO HEEL. The dimension measured vertically from the SgRP – front to the accelerator heel point.
H50 UPPER BODY OPENING TO GROUND – FRONT. The dimension measured vertically from, the trimmed body opening to the ground on the SgRP – front "X" plane.
H61 EFFECTIVE HEAD ROOM – FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP – front to the headlining plus 102 mm (4.0in.).
H67 FLOOR COVERING THICKNESS – UNDEPRESSED – FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

L-41 BACK ANGLE – SECOND. The angle measured between a vertical line through the SgRP – second and the torso line.
L43 HIP ANGLE – SECOND. The angle measured between torso line and thigh centerline.
L45 KNEE ANGLE – SECOND. The angle measured between thigh centerline and lower leg centerline.
L47 FOOT ANGLE – SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
L48 KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
L50 SgRP COUPLE DISTANCE – SECOND. The dimension measured horizontally from the driver SgRP – front to the SgRP – second.
L51 MINIMUM EFFECTIVE LEG ROOM – SECOND. The dimension measured along a line from the ankle pivot center to the SgRP – second plus 254 mm (10.0 in.).
W4 SHOULDER ROOM – SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP – second at height between 254-406 mm (10.0-16.0 in.) above the SgRP – second, excluding the door assist straps and attaching parts.
W6 HIP ROOM – SECOND. Measured in the same manner as W5.
H31 SgRP – SECOND TO HEEL. The dimension measured vertically from the SgRP – second to the two dimensional device heel point on the depressed floor covering.
H51 UPPER BODY OPENING TO GROUND – SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP – second.
H63 EFFECTIVE HEAD ROOM – SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
H73 FLOOR COVERING – DEPRESSED – SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY – Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon / MPV – Third Seat Dimensions

L85 SgRP COUPLE DISTANCE – THIRD. The dimension measured horizontally from the SgRP – second to the SgRP – third.

L86 EFFECTIVE LEG ROOM – THIRD. The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).

L87 KNEE CLEARANCE – THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.

L88 BACK ANGLE – THIRD. Measured in the same manner as L41.

L89 HIP ANGLE – THIRD. Measured in the same manner as L43.

L90 KNEE ANGLE – THIRD. Measured in the same manner as L45

L91 FOOT ANGLE – THIRD. Measured in the same manner as L47.

W85 SHOULDER ROOM – THIRD. Measured in the same manner as W4.

W86 HIP ROOM – THIRD. Measured in the same manner as W5.

H86 EFFECTIVE HEAD ROOM – THIRD. The dimension, measured along a line 8 deg. from the SgRP – third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H87 SgRP – THIRD TO HEEL POINT.

SD1 SEAT FACING DIRECTION – THIRD.

Station Wagon / MPV – Cargo Space Dimensions

L200 CARGO LENGTH – OPEN – FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.

L201 CARGO LENGTH – OPEN – SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH – CLOSED – FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH – CLOSED – SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT – FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT – SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH – WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure to the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

∅ W500 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.

H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

∅ H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = ft^3$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = ft^3$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = m^3 \text{ (cubic meter)}$$

V8 HIDDEN LUGGAGE CAPACITY – REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = ft^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = m^3 \text{ (cubic meter)}$$

Hatchback – Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR – FRONT. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.

L211 CARGO LENGTH AT FLOOR – SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:

Measured in inches:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = m^3 \text{ (cubic meter)}$$

MVMA Specifications

METRIC (U.S. Customary)

Index