IMPALA SS

MODELS	PASSENGERS
Impala SS 4-Door Sedan (1BN19)	5

DIMENSIONS (inches)

EXTERIOR

Wheelbase	115.9
Length (overall)	214.1
Width (overall)	77.0
Height (overall)	55.7

INTERIOR

Head Room-Front/Rear	39.2/37.9
Shoulder Room-Front/Rear	63.4
Hip Room-Front/Rear	57.0/56.9
Leg Room-Front/Rear	42.2/39.5

LUGGAGE CARGO CAPACITY (cu. ft.)	
Luggage Compartment	20.4
RATED FUEL TANK CAPACITY (gallons)	23.0

STANDARD EQUIPMENT SUMMARY

EXTERIOR

Axle, Rear, 3.08 Limited Slip Differential
Black Key Lock Cylinder
Black Tail Lamp Moldings
Black Satin finish replacing Interior Woodgrain
Black Antenna Base
Body Color Front and Rear Fascias
Body Color Wheel Opening Moldings
Body Color Door Handles
Body Color Grille
Body Color Rocker Moldings
Body Side and Rear Deck Lid Emblems
Engine 5.7L V8 SFI
Exhaust System, Stainless Steel
Extra Capacity Cooling
Full Size Spare Tire
Glass, Tinted
Heavy-Duty Frame
Lamps, Cornering
Mirrors, Twin Remote Electric
Moldings, Narrow Body side
Paint, Base Coat/Clear Coat
Rear Quarter Glass Molding
Rear Spoiler
Shocks, DeCarbon
Suspension , Special Ride and Handling
Tires, P255/50ZR17 Blackwall
Transmission Oil Cooler
Wheels, 17" Aluminum
Wipers, Windshield Intermittent

INTERIOR

Air Bag System (Driver and Passenger)
Air Conditioning
Brake System, 4-Wheel Disc with Anti-Lock
Brake/Transmission Shift Interlock
Cargo Net, Luggage Area
Door Locks, Child Security, Rear
Door Locks, Power
Gage, Voltmeter and Oil Pressure
Lamps, Front and Rear Courtesy
Mats, Front/Rear Floor, Carpeted, Color-Keyed
Mirrors, Visor, LH & RH Covered
Mirror, Visor RH Illuminated
Monitor, Oil Change
Odometer, Trip
Opener, Power Trunk
Pass-Key Theft Deterrent System
Pockets, Door Map
Radio, Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Stereo Cassette Tape with Auto Reverse and Coaxial Front and Extended Range Rear Speakers
Reading Lamps, Front and Rear Compartment
Scotchgard Fabric Protector (Includes Door Trim and Floor Covering)
Seat, Power (Driver Side)
Seats: Leather 45/45 Seat with Full Floor Console with cupholders, Adjustable Head Restraints, Driver and Passenger Seat Recliners and Seat Back Pockets
Speed Control, Electronic
Tilt-Wheel, Adjustable Steering Column
Transmission, 4-Speed Automatic
Warning Light, Low Oil Level
Warning Lights, Low Fluid
Windows, Power with Express Down (Driver's Side)

Model 1BN19 IMPALA SS

MUST SPECIFY: ENGINE, TRANSMISSION, EMISSION
MUST ORDER ONE GROUP -- NO DELETIONS ALLOWED

Base Preferred Equipment Group (Refer Standard Equipment Summary)	SSAB	SSA1
Preferred Equipment Group 1		
Automatic Day/Night Rearview Mirror		x
Defogger: Rear Window, with Heated Outside Rearview Mirrors		x
Power Antenna		x
Power Seat: Passenger Side 6-way Adjuster		x
Remote Keyless Entry w/Trunk Release		x
Twilight Sentinel Headlamp System		x

ADDITIONAL OPTIONS

ACKNOWLEDGEMENTS
- R8S Multiple Order Numbers
- R8T Preliminary Invoice

J/K3 **BRACKET:** License Plate, Front

CLIMATE CONTROL
(NOTE: One of the Following Defogger Options Must Be Specified)
- C49 Defogger, Rear Window, Electric (Incl w/ Group SSA1) (Incls Electronically Heated Outside Rearview Mirror)
- R9W Defogger, Rear Window Not Desired (N/A w/Group SSA1)

EMISSION (Refer Emission Requirements Tab Section)
- FE9 Federal Emission Requirements
- NG1 NY State Emission Requirements
- YF5 California Emission Requirements
- NB8 California/NY Emission Override (Reqs FE9 Emission)
- NC7 Federal Emission Override (Reqs YF5/NG1 Emission)

K05 **HEATER:** Engine Block

RADIO EQUIPMENT
- U1C Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Compact Disc Player, Coaxial Front and Extended Range Rear Speakers and Delco-Loc II

COLOR AND TRIM SELECTION

Interior Trim Color	Gray

MODEL	SEAT TYPE	
1BN19	Leather 45.45	AQQ2

SOLID PAINT APPLICATION

Exterior Paint Color	Color Code 1	Color Code 2	Gray
Black	41	41	x

POWER TEAMS

ENGINE OPTION CONDITION	AXLE RATIO
	3.08
WITH FE9 FEDERAL EMISSIONS	
LT1 MX0	Std
WITH YF5 CALIFORNIA or NG1 NY STATE EMISSIONS	
LT1 MX0	Std

NOTES

#11310 - 2/14/94

FIRST CHEVROLET IMPALA SS IN 25 YEARS

ARLINGTON, Tex. -- The first Chevrolet Impala SS since 1969 rolled off the assembly line here today -- a sultry, all-black beauty with a 260-horsepower Corvette LT1 V8 engine under the hood.

Derived from the Chevrolet Caprice -- but bearing little resemblance to its forebear -- the Impala SS will be the first four-door to use the name. The new 1994 model features monochromatic black paint with black-on-black emblems, body-colored moldings, a new grille and rear deck spoiler and subtly shaped rear quarter windows.

Special 17 X 8.5-inch five-spoke aluminum wheels and P-255/50ZR17 speed-rated tires are standard.

The 5.7-liter LT1 V8 is the same powerful, free-breathing powerplant that brought new life to the Corvette engine bay in 1992. It's mated to GM's electronically-controlled 4L60-E four-speed automatic transmission. Four-wheel anti-lock disc brakes and dual air bags also are standard.

"We already have more than 5,000 dealer orders," said Jeff Hulbert, Chevrolet's general marketing manager. "The Impala SS is a very appealing, unique blend of power, handling and style."

Inside, the Impala SS has a leather-wrapped steering wheel, black satin-finished trim, and leather seats.

Chevrolet first used the Impala name on a production car as a trim option on the 1958 Bel Air, and the package became a separate model the following year. It came in both coupe and sedan versions.

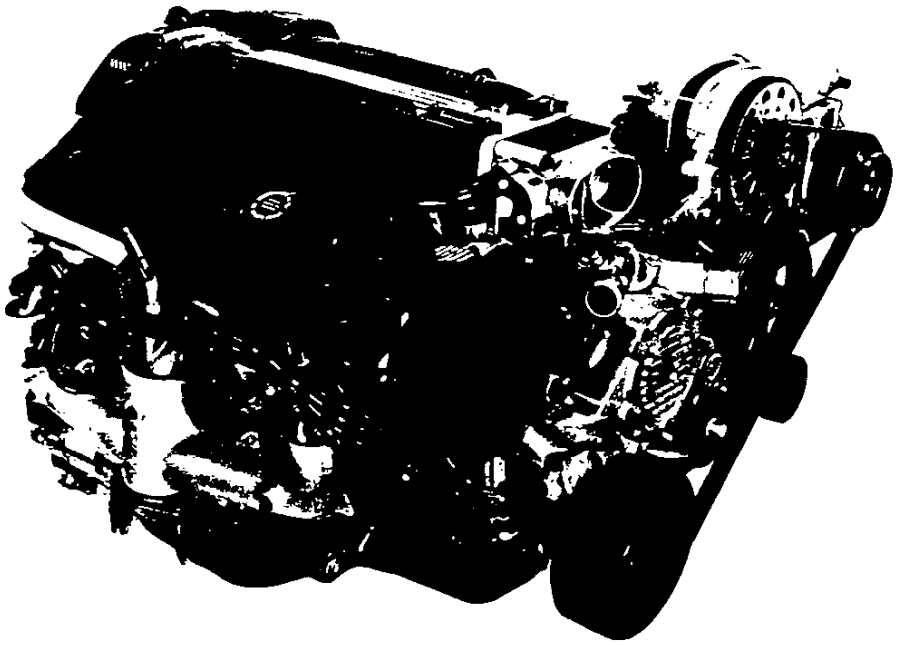
The Impala SS badge was first used in 1961 on a performance model of the Impala Coupe and last used on a 1969 model.

Chevrolet research shows the new Impala SS will appeal primarily to married male buyers in the 35-55 age range who favor domestic mid to large cars and have some college and income levels in the $50,000 to $75,000 range.

# # #

5.7L V8
LT1

The performance of the exciting small block V8 LT1 equals or exceeds world-class V8 standards for mass, size, fuel consumption, emissions, and cold start.



Features/Benefits

- Sequential-port electronic fuel injection precisely delivers fuel directed with state-of-the-art flow control and spray pattern.
- Overhead valve configuration produces high torque at lower rpm for excellent take-off power and quieter operation.
- A low-restriction three-way catalyst on each cylinder bank maintains superior exhaust flow.
- A unique pressurized reverse-flow cooling system channels cooler water to the cylinder heads, creating optimum conditions for greater spark control and lower cylinder friction.
- Dual oxygen sensors on each cylinder bank feed information to the advanced engine control system for optimum control of fuel/air mixture.
- Gear-driven water pump ensures coolant flow even if accessory belt breaks.
- A short-runner intake manifold with multi-port fuel injection, high compression pistons, free-flowing aluminum cylinder heads, and a hydraulic roller camshaft are all part of the new small block's "power package."
- Opti-spark system is extremely precise, enabling spark control adjustments to be accomplished several times each second.
- Powerful ignition system offers superb cold startability. The LT1 starts within six-tenths of a second, even at 20 degrees below zero.
- Heart-shaped combustion chambers enhance combustion efficiency.
- The LT1 rpm range is increased 800 to 1,000 revs beyond normal overhead valve engines, giving the LT1 the low-end punch of an overhead engine and the high-speed responsiveness of an overhead cam engine.

Product Specifications

Type:
5.7L V8

Displacement:
350 cid (5737 cc)

Compression Ratio:
10.5:1

Valve Configuration:
Overhead Valves

Manufactured:
Flint, Michigan

Valve Lifters:
Hydraulic

Firing Order:
1-8-4-3-6-5-7-2

Bore × Stroke:
4.00 × 3.48 in (101.60 × 88.39 mm)

Fuel System:
Sequential-Port Fuel Injection

Horsepower:
260 hp @ 5000 rpm (B)
260 hp @ 5000 rpm (D)
275 hp @ 5000 rpm (F)
300 hp @ 5000 rpm (Y)

Torque:
330 lb-ft @ 3200 rpm (B)
335 lb-ft @ 3200 rpm (D)
325 lb-ft @ 2000 rpm (F)
340 lb-ft @ 3600 rpm (Y)

Materials:
Block:
Cast Iron

Cylinder Head:
Cast Iron (B,D)
Cast Aluminum (F,Y)

Intake Manifold:
Cast Aluminum

Exhaust Manifold:
Cast Iron

Main Bearing Caps:
Cast Iron

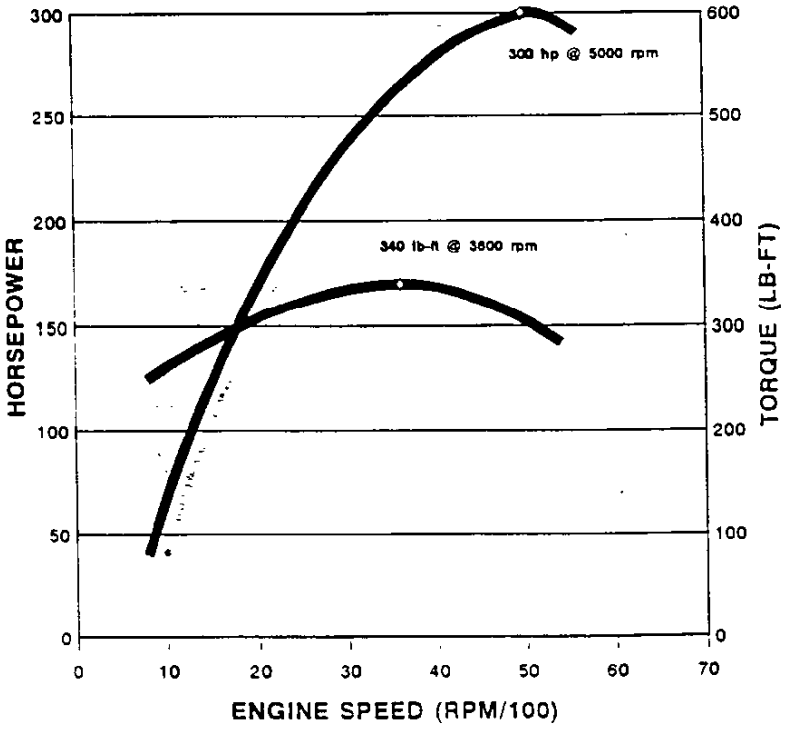
Crankshaft:
Cast Iron

Camshaft:
Cast Iron

Information may vary with application. All specifications listed are based on the latest product information available at the time of publication. The right is reserved to make changes at any time without notice.

B = CHEVROLET CAPRICE
D = CADILLAC FLEETWOOD
F = CHEVROLET CAMARO
Y = CHEVROLET CORVETTE

5.7L V8 Engine (LT1)



MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer	Vehicle Line	
CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	CAPRICE CLASSIC SEDAN	
Mailing Address	Issued	Revised
30007 VAN DYKE WARREN, MI 48090-9065	SEPTEMBER, 1993	

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 American Automobile Manufacturers Association.

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.

MVMA

Motor Vehicle Manufacturers Association of the United States, Inc.

Blank Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

Ø **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 througnout these specifications.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	Midsize Car Division
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 CLASSIC				
4-Door Notchback Sedan (RWD)	1BL19	6 (3/3)	92.4 (203.6)	18/26
CAPRICE CLASSIC LS				
4-Door Notchback Sedan (RWD)	1BN19 (1BL19 w/Z09)	6 (3/3)	92.4 (203.6)	18/26

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

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 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		L99	L99	LT1	LT1
	Displacement Liters (cu. in.)		4.3 (265)	4.3 (265)	5.7 (350)	5.7 (350)
	Induction system (FI, Carb, etc.)		Sequential Fuel Injection	Sequential Fuel Injection	Sequential Fuel Injection	Sequential Fuel Injection
	Compression ratio		9.8:1	9.8:1	10.5:1	10.5:1
	SAE Net at RPM	Power kW (bhp)	149 (200) @ 5200	149 (200) @ 5200	194 (260) @ 5000	194 (260) @ 5000
		Torque Newton meters (lb.ft.)	332 (245) @ 2400	332 (245) @ 2400	447 (330) @ 3200	447 (330) @ 3200
	Exhaust Single, dual		Single	Single	Dual	Dual
TRANS	Transmission/ Transaxle		M30 Auto Transmission 4-Speed	M30 Auto Transmission 4-Speed	M30 Auto Transmission 4-Speed	M30 Auto Transmission 4-Speed
	Effective Final Drive/ Axle Ratio (std. first)		2.73	3.23	2.93	3.08

Series Availability

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

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

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
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		85.67 mm (3.373 in.)
Stroke		76.2 mm (3.00 in.)
Bore spacing (C/L to C/L)		111.76 mm (4.40 in.)
Cyl blck matl & mass kg(lbs.)(machined)		Cast Iron
Cylinder block deck height		229.4 mm (9.025 in.)
Cylinder block length		506.2 mm (19.93 in.)
Deck clearance (minimum) (above or below block)		.025 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)		1.245 mm (0.049 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
Exh. manifold matl & mass kg (lbs.)**		Cast Iron
Knock sensor (number & location)		2 - One Each Side Of Cylinder Case
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) / 2		
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***		267.46 kg. (589.6 lbs.)

Engine – Pistons

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

Engine Camshaft

Location		In Cylinder Block "V" Above Crankshaft
Material & mass kg (weight, lbs.)		Steel
Drive type	Chain/belt	Chain
	Width/pitch	

*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:

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

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
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		101.6 mm (4.0 in.)
Stroke		86.40 mm (3.48 in.)
Bore spacing (C/L to C/L)		111.8 mm (4.40 in.)
Cyl blck matl & mass kg(lbs.)(machined)		Cast Iron
Cylinder block deck height		229.4 mm (9.025 in.)
Cylinder block length		506.2 mm (19.93 in.)
Deck clearance (minimum) (above or below block)		.025 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)		1.245 mm (.049 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
Exh. manifold matl & mass kg (lbs.)**		Cast Iron
Knock sensor (number & location)		2 - One Each Side Of Cylinder Case
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) / 2		
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***		273.24 kg. (602.4 lbs.)

Engine – Pistons

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

Engine Camshaft

Location		In Cylinder Block "V" Above Crankshaft
Material & mass kg (weight, lbs.)		Steel
Drive type	Chain/belt	Chain
	Width/pitch	

*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:

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

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
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		101.6 mm (4.0 in.)
Stroke		86.40 mm (3.48 in.)
Bore spacing (C/L to C/L)		111.8 mm (4.40 in.)
Cyl blck matl & mass kg(lbs.)(machined)		Cast Iron
Cylinder block deck height		229.4 mm (9.025 in.)
Cylinder block length		506.2 mm (19.93 in.)
Deck clearance (minimum) (above or below block)		.025 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)		1.245 mm (.049 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
Exh. manifold matl & mass kg (lbs.)**		Cast Iron
Knock sensor (number & location)		2 - One Each Side Of Cylinder Case
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) / 2		
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***		273.24 kg. (602.4 lbs.)

Engine – Pistons

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

Engine Camshaft

Location		In Cylinder Block "V" Above Crankshaft
Material & mass kg (weight, lbs.)		Steel
Drive type	Chain/belt	Chain
	Width/pitch	

*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:

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	4.3 LITER V8 (265 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO L99

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Hydraulic
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.)*	Forged Steel
Length (axes centerline to centerline)	

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*		Cast Iron
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	8/8
	Head O.D. intake/exhaust	49.28 mm (1.94 in.) / 38.1 mm (1.50 in.)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Steel
Length (axes centerline to centerline)	144.78 mm (5.70 in.)

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*		Cast Iron
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 CLASSIC POLICE SEDAN (SEO (9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	8/8
	Head O.D. intake/exhaust	49.28 mm (1.94 in.) / 38.1 mm (1.50 in.)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Steel
Length (axes centerline to centerline)	144.78 mm (5.70 in.)

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*		Cast Iron
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

Engine – Cooling System

Coolant recovery system (std, opt, n.a.)		Pressurized Coolant System
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery
Reservoir cap relief valve pressure (surge cap) kPa (psi)		Reservoir Cap; 103.4 (15.0)
Circulation thermostat	Type (choke, bypass)	Choke, Suction Side
	Starts to open @ deg's C(F)	82 (180)
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 Aluminum
By-pass recirculation type (inter., ext.)		Internal
Cooling system capacity	With heater - L (qt.)	Not Applicable
	With air conditioner-L(qt.)	14.3 (15.1)
	Opt. equip. specify-L(qt.)	15.9 (16.8), Heavy Duty Cooling
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	Standard
	Type (cross-flow, etc.)	Cross Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube, Solder
	Matl., mass kg (wgt.,lbs.)	Aluminum, Hi-Efficiency
	Width	762 mm (30.0 in.)
	Height	438 mm (17.2 in.)
	Thickness	34 mm (1.3 in.)
	Fins per inch	3.0
Radiator end tank material		Nylon
Fan	Std., elec., opt.	Standard, Electric
	Number of blades & type (flex, solid, material)	5 Blade, Polypropylene
	Number & location (front, rear of radiator)	2 Fans, Rearward Of Radiator
	Diameter & projected width	360 mm (14.2 in.)
	Ratio(fan to crnkshft.rev.)	Heavy Duty Clutch/Fan & 240 W. Electric
	Fan cutout type	ECM Control
	Drive type (direct, remote)	Electric Motor
	RPM at idle (elec.)	Pri. (150 W) 1900-2000 RPM; Sec. (100W) 1800-1900 RPM; HD 150W/240W
	Motor rating(wattage/elec.)	Pri. (150 W/12V) Right Side; Sec. (100 W/12V) Left Side; HD 150W/240W
	Motor switch (type & location/elec.)	Relay
	Switch point (temp.,/ pressure/elec.)	Both Fans Electric On W/250 PSIG & Above On AC
	Fan shroud (material)	Polypropylene

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Engine – Cooling System

Coolant recovery system (std, opt, n.a.)		Pressurized Coolant System
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery
Reservoir cap relief valve pressure (surge cap) kPa (psi)		Reservoir Cap; 103.4 (15.0)
Circulation thermostat	Type (choke, bypass)	Choke, Suction Side
	Starts to open @ deg's C(F)	82 (180)
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 Aluminum
By-pass recirculation type (inter., ext.)		Internal
Cooling system capacity	With heater - L (qt.)	Not Applicable
	With air conditioner-L(qt.)	14.3 (15.1)
	Opt. equip. specify-L(qt.)	15.9 (16.8), Heavy Duty Cooling
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	Standard
	Type (cross-flow, etc.)	Cross Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube, Solder
	Matl., mass kg (wgt.,lbs.)	Aluminum, Hi-Efficiency
	Width	762 mm (30.0 in.)
	Height	438 mm (17.2 in.)
	Thickness	34 mm (1.3 in.)
	Fins per inch	3.0
Radiator end tank material		Nylon
Fan	Std., elec., opt.	Standard, Electric
	Number of blades & type (flex, solid, material)	5 Blade, Polypropylene
	Number & location (front, rear of radiator)	2 Fans, Rearward Of Radiator
	Diameter & projected width	360 mm (14.2 in.)
	Ratio(fan to crnkshft.rev.)	Heavy Duty Clutch/Fan & 240 W. Electric
	Fan cutout type	ECM Control
	Drive type (direct, remote)	Electric Motor
	RPM at idle (elec.)	Pri. (150 W) 1900-2000 RPM; Sec. (100W) 1800-1900 RPM; HD 150W/240W
	Motor rating(wattage/elec.)	Pri. (150 W/12V) Right Side; Sec. (100 W/12V) Left Side; HD 150W/240W
	Motor switch (type & location/elec.)	Relay
	Switch point (temp./ pressure/elec.)	Both Fans Electric On W/250 PSIG & Above On AC
	Fan shroud (material)	Polypropylene

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SE0 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Engine – Cooling System

Coolant recovery system (std, opt, n.a.)		Pressurized Coolant System
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery
Reservoir cap relief valve pressure (surge cap) kPa (psi)		Reservoir Cap; 103.4 (15.0)
Circulation thermostat	Type (choke, bypass)	Choke, Suction Side
	Starts to open @ deg's C(F)	82 (180)
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 Aluminum
By-pass recirculation type (inter., ext.)		Internal
Cooling system capacity	With heater - L (qt.)	Not Applicable
	With air conditioner-L(qt.)	14.3 (15.1)
	Opt. equip. specify-L(qt.)	15.9 (16.8), Heavy Duty Cooling
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	Standard
	Type (cross-flow, etc.)	Cross Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube, Solder
	Matl., mass kg (wgt.,lbs.)	Aluminum, Hi-Efficiency
	Width	762 mm (30.0 in.)
	Height	438 mm (17.2 in.)
	Thickness	34 mm (1.3 in.)
	Fins per inch	3.0
Radiator end tank material		Nylon
Fan	Std., elec., opt.	Standard, Electric
	Number of blades & type (flex, solid, material)	5 Blade, Polypropylene
	Number & location (front, rear of radiator)	2 Fans, Rearward Of Radiator
	Diameter & projected width	360 mm (14.2 in.)
	Ratio(fan to crnkshft.rev.)	Heavy Duty Clutch/Fan & 240 W. Electric
	Fan cutout type	ECM Control
	Drive type (direct, remote)	Electric Motor
	RPM at idle (elec.)	Pri. (150 W) 1900-2000 RPM; Sec. (100W) 1800-1900 RPM; HD 150W/240W
	Motor rating(wattage/elec.)	Pri. (150 W/12V) Right Side; Sec. (100 W/12V) Left Side; HD 150W/240W
	Motor switch (type & location/elec.)	Relay
	Switch point (temp.,/ pressure/elec.)	Both Fans Electric On W/250 PSIG & Above On AC
	Fan shroud (material)	Polypropylene

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

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

Induction type: carburetor, fuel injection system, etc.		Sequential Port Fuel Injection
Manufacturer		AC Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Preset – No Adjustment
Fuel injection	Point of inj. (no.)	Fuel Injectors At Inlet Ports
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic – On Board Computer
	Sys. press. kPa (psi)	300 (43.5)
Idle spd.–rpm (spec. neutral or drive and propane if used)	Manual	Not Applicable
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		None
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		409 Stainless Steel 12 / Attach To Frame, Right Side
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Fuel Tank
	Press. range kPa (psi)	Normal 83.0 (12.0), Shut Off 135 (19.6)
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	23 – 30 gr/sec @ 83 (12.0)

Fuel Tank

Capacity refill L (gallons)		87 (23)
Location (describe)		Below Rear Compartment Pan
Attachment		Straps
Material & Mass kg (weight lbs.)		HDPE Mass – W/O Sender 11.1 kg.; W/Sender 12.7 kg.
Filler pipe	Location & material	Rear 1008–1010 Steel; Coating Lead/Tin
	Connection to tank	Clamped W/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	"
	Sletr switch or valve	"
	Separate fill	"

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

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

Induction type: carburetor, fuel injection system, etc.		Sequential Port Fuel Injection
Manufacturer		AC Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Preset – No Adjustment
Fuel Injection	Point of inj. (no.)	Fuel Injectors At Inlet Ports
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic – On Board Computer
	Sys. press. kPa (psi)	300 (43.5)
Idle spd.–rpm (spec. neutral or drive and propane if used)	Manual	Not Applicable
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		None
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		409 Stainless Steel 12 / Attach To Frame, Right Side
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Fuel Tank
	Press. range kPa (psi)	Normal 83.0 (12.0), Shut Off 135 (19.6)
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	23 – 30 gr/sec @ 83 (12.0)

Fuel Tank

Capacity refill L (gallons)		87 (23)
Location (describe)		Below Rear Compartment Pan
Attachment		Straps
Material & Mass kg (weight lbs.)		HDPE Mass – W/O Sender 11.1 kg.; W/Sender 12.7 kg.
Filler pipe	Location & material	Rear 1008–1010 Steel; Coating Lead/Tin
	Connection to tank	Clamped W/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	"
	Sictr switch or valve	"
	Separate fill	"

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEAUENTIAL FUEL INJECTION RPO LT1

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

Induction type: carburetor, fuel injection system, etc.		Sequential Port Fuel Injection
Manufacturer		AC Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Preset - No Adjustment
Fuel Injection	Point of inj. (no.)	Fuel Injectors At Inlet Ports
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic - On Board Computer
	Sys. press. kPa (psi)	300 (43.5)
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	Not Applicable
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		None
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		409 Stainless Steel 12 / Attach To Frame, Right Side
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Fuel Tank
	Press. range kPa (psi)	Normal 83.0 (12.0), Shut Off 135 (19.6)
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	23 - 30 gr/sec @ 83 (12.0)

Fuel Tank

Capacity refill L (gallons)		87 (23)
Location (describe)		Below Rear Compartment Pan
Attachment		Straps
Material & Mass kg (weight lbs.)		HDPE Mass - W/O Sender 11.1 kg.; W/Sender 12.7 kg.
Filler pipe	Location & material	Rear 1008-1010 Steel; Coating Lead/Tin
	Connection to tank	Clamped W/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	"
	Sletr switch or valve	"
	Separate fill	"

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection W/Computer Command Control
	Air injection	Pump or pulse	Vane
		Driven by	Electric
		Air distribution (head, manifold, etc.,)	Exhaust Manifold (Computer Command Control)
		Point of entry	Exhaust Manifold
	Exhaust Gas Recircu-lation	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source Point of exh.inj. (spacer, carb., manifold, other)	Manifold
	Catalytic Converter	Type	3 Way
		Number of	2
		Location(s)	LH - Close Coupled; RH - Underbody
		Volume L (cu.in)	1.54 (94.1), Each
		Substrate type	Monolith
		Noble metal type	Platinum (Pt), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	.001755 Each
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges to (intake manifold, other)		Intake Plenum
	Air inlt(breather cap,other)		Air Cleaner
Evapora-tive Emission Control	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	--
	Vapor storage provision		
Electron-ic System	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

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	57.15 mm, 1.8 mm Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 3.475 (7.66)
Inter-mediate pipe	o.d. & wall thickness	63.5 mm, 0.80 mm Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 9.75 (21.5)
Tail pipe	o.d. & wall thickness	63.5 mm, 1.73 mm Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 8.4 (18.5)

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

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection W/Computer Command Control
	Air injection	Pump or pulse	Vane
		Driven by	Electric
		Air distribution (head, manifold, etc.,)	Exhaust Manifold
		Point of entry	Exhaust Manifold
	Exhaust Gas Recircu-lation	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source Point of exh.inj. (spacer, carb., manifold, other)	Manifold
	Catalytic Converter	Type	3 Way
		Number of	2
		Location(s)	LH - Close Coupled, RH - Underbody
		Volume L (cu.in)	1.54 (94.1), Each
		Substrate type	Monolith
		Noble metal type	Platinum (Pt), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	.001755 Each
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges to (intake manifold, other)		Intake Plenum
	Air inlt(breather cap,other)		Air Cleaner
Evapora-tive Emission Control	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	--
	Vapor storage provision		Canister
Electron-ic System	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		2, Reverse Flow
Resonator no. & type		2, Straight
Exhaust pipe	Branch o.d., wall thickness	50.08 mm (1.97 in.)
	Main o.d., wall thickness	57.15 mm (2.25 in.); 1.8 mm (.070 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 3.4 (7.5)
Inter-mediate pipe	o.d. & wall thickness	63.5 mm (2.5 in.); 1.40 mm (.055 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 10.645 kg. (23.46 in.)
Tail pipe	o.d. & wall thickness	63.5 mm (2.5 in.); 1.73 mm (.068 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 6.415 (14.1)

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection W/Computer Command Control
	Air injection	Pump or pulse	Vane
		Driven by	Electric
		Air distribution (head, manifold, etc.,)	Exhaust Manifold
		Point of entry	Exhaust Manifold
	Exhaust Gas Recircu-lation	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source Point of exh.inj. (spacer, carb., manifold, other)	Manifold
	Catalytic Converter	Type	3 Way
		Number of	2
		Location(s)	LH - Close Coupled, RH - Underbody
		Volume L (cu.in)	1.54 (94.1), Each
		Substrate type	Monolith
		Noble metal type	Platinum (Pt), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	.001755 Each
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges to (intake manifold, other)		Intake Plenum
	Air inlt(breather cap,other)		Air Cleaner
Evapora-tive Emission Control	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	--
	Vapor storage provision		Canister
Electron-ic System	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		2, Reverse Flow
Resonator no. & type		2, Straight
Exhaust pipe	Branch o.d., wall thickness	50.08 mm (1.97 in.)
	Main o.d., wall thickness	57.15 mm (2.25 in.); 1.8 mm (.070 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 3.4 (7.5)
Inter-mediate pipe	o.d. & wall thickness	63.5 mm (2.5 in.); 1.40 mm (.055 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 10.645 kg. (23.46 in.)
Tail pipe	o.d. & wall thickness	63.5 mm (2.5 in.); 1.73 mm (.068 in.), Min.
	Matl. & Mass kg (wght.lbs.)	Stainless Steel, 6.415 (14.1)

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	4.3 LITER V8 (265 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO L99

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

Manual 4-speed (manufacturer/country)	Not Available
Manual 5-speed (manufacturer/country)	"
Manual 6-speed (manufacturer/country)	"
Automatic (manufacturer/country)	"
Auto. overdrive (manufacturer/country)	Hydra-Matic, U.S.A. (M30)

Manual Transmission/Transaxle (NOT APPLICABLE)

Number of forward speeds		
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

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

Manual 4-speed (manufacturer/country)	Not Available
Manual 5-speed (manufacturer/country)	"
Manual 6-speed (manufacturer/country)	"
Automatic (manufacturer/country)	"
Auto. overdrive (manufacturer/country)	Hydra-Matic, U.S.A. (M30)

Manual Transmission/Transaxle (NOT APPLICABLE)

Number of forward speeds		
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4L60E
Type and special features (describe)		Electronic, 4-Speed Automatic, Overdrive 4th Gear Lock Up Torque Converter Clutch
Shift mechanics		
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
Gear ratios	1st	3.059
	2nd	1.625
	3rd	1.000
	4th	0.696
	5th	-
	6th	-
	Reverse	2.294
	Final drive ratio	2.73
Max. upshift vehicle speed - drive range km/h (mph)		1 - 2 = 80 (50) 2 - 3 = 148 (92)
Max. upshift engine speed RPM		5300 RPM
Max. kickdown speed - drive range km/h (mph)		3 - 2 = 116 (72) 2 - 1 = 51 (32)
Min. overdrive speed km/h (mph)		45 (28)
Torque converter	Type	3 Element With Converter Clutch
	Torus design	Full
	Number of elements	3
	Max. ratio at stall	1.91
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 mm
	Capacity factor "K"*	100
Pump type		Vane
Lubricant	Capacity refill L (pt.)	4.8 (10)
	Type recommended	Dexron IIE
Oil cooler (std., opt., N.A., internal, external, air, liquid)		External, Liquid
Trans. mass kg (lbs) & case matl.**		83 (184) Wet, Aluminum

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.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4L60E
Type and special features (describe)		Electronic, 4-Speed Automatic, Overdrive 4th Gear Lock Up Torque Converter Clutch
Shift mechanics		
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
Gear ratios	1st	3.059
	2nd	1.625
	3rd	1.000
	4th	0.696
	5th	-
	6th	-
	Reverse	2.294
	Final drive ratio	2.56
Max. upshift vehicle speed - drive range km/h (mph)		1 - 2 = 84 (52) 2 - 3 = 153 (95)
Max. upshift engine speed RPM		5150 RPM
Max. kickdown speed - drive range km/h (mph)		3 - 2 = 109 (68) 2 - 1 = 48 (30)
Min. overdrive speed km/h (mph)		45 (28)
Torque converter	Type	3 Element With Converter Clutch
	Torus design	Full
	Number of elements	3
	Max. ratio at stall	1.91
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 mm
	Capacity factor "K"*	100
Pump type		Vane
Lubricant	Capacity refill L (pt.)	4.8 (10)
	Type recommended	Dexron IIE
Oil cooler (std., opt., N.A., internal, external, air, liquid)		External, Liquid
Trans. mass kg (lbs) & case matl.**		83 (184) Wet, Aluminum

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.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4L60E
Type and special features (describe)		Electronic, 4-Speed Automatic, Overdrive 4th Gear Lock Up Torque Converter Clutch
Shift mechanics		
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
Gear ratios	1st	3.059
	2nd	1.625
	3rd	1.000
	4th	0.696
	5th	-
	6th	-
	Reverse	2.294
	Final drive ratio	3.08
Max. upshift vehicle speed - drive range km/h (mph)		1 - 2 = 72 (45) 2 - 3 = 132 (82)
Max. upshift engine speed RPM		5300 RPM
Max. kickdown speed - drive range km/h (mph)		3 - 2 = 117 (73) 2 - 1 = 55 (34)
Min. overdrive speed km/h (mph)		47 (29)
Torque converter	Type	3 Element With Converter Clutch
	Torus design	Full
	Number of elements	3
	Max. ratio at stall	1.91
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 mm
	Capacity factor "K"*	100
Pump type		Vane
Lubricant	Capacity refill L (pt.)	4.8 (10)
	Type recommended	Dexron IIE
Oil cooler (std., opt., N.A., internal, external, air, liquid)		External, Liquid
Trans. mass kg (lbs) & case matl.**		83 (184) Wet, Aluminum

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.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 4.3 LITER V8 (265 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO L99

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

Axle ratio (or overall top gear ratio)		2.73 (1.91)	3.23 (2.26)
Ring gear o.d.		7.63	8.50
No. of teeth	Pinion	15	13
	Ring gear	41	42

Rear Axle Unit

Description		Semi-Floating Axle, Overhung Hypoid Drive Pinion and Ring Gear	
Limited slip differential (type)		Not Available	Cone Clutch
Drive pinion	Type	Hypoid Gear	
	Offset	38.1 (1.50)	44.0 (1.75)
No. of differential pinions		2	
Pinion/ differential	Adjustment (shim, etc.)	Shim	
	Bearing adjustment	Collapsible Sleeve	
Driving wheel bearing (type)		Direct On Single Row Cylindrical	
Lubricant	Capacity L (pt.)	1.65 (3.5)	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
Outer diam. x length* x wall thickness	Manual 4-speed transmission		Not Applicable
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 x 1384 x 1.65 mm (3.00 x 54.49 x .065 in.) L99 & 4L60E & 8.5" Axle 76.2 x 1411 x 1.65 mm (3.00 x 55.55 x .065 in.) L99 & 4l60E & 7.625" 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, S-44
		Rear	Saginaw Division, S-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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

Axle Ratio and Tooth Combinations

(See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		2.93 (2.05)
Ring gear o.d.		8.50
No. of teeth	Pinion	14
	Ring gear	41

Rear Axle Unit

Description		Semi-Floating Axle, Overhung Hypoid Drive Pinion And Ring Gear
Limited slip differential (type)		Cone Clutch (Limited Slip Required)
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 On 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
Outer diam. x length* x wall thickness	Manual 4-speed transmission		Not Applicable
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 x 1384 x 1.65 mm (3.00 x 54.49 x .065 in.) LT1 & 4L60E & 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 mm (1.175 in.)
Universal joints	Make and mfg. no.	Front	Saginaw Division, S-44
		Rear	Saginaw Division, S-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 CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
Engine Code SEQUENTIAL FUEL INJECTION RPO LT1

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

Axle ratio (or overall top gear ratio)		3.08 (2.16)
Ring gear o.d.		8.50
No. of teeth	Pinion	13
	Ring gear	40

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 On 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
Outer diam. x length* x wall thickness	Manual 4-speed transmission		Not Applicable
	Manual 5-speed transmission		"
	Manual 6-speed transmission		"
	Overdrive		"
	Automatic transmission		76.2 x 1384 x 1.65 mm (3.00 x 54.49 x .065 in.) LT1 & 4L60E & 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 mm (1.175 in.)
Universal joints	Make and mfg. no.	Front	Saginaw Division, S-44
		Rear	Saginaw Division, S-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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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, LS
	Make		Delco Chassis Division
	Piston diameter		Base 25mm (1 in.) / FE2 32mm (1.26 in.), LS
	Rod diameter		Base 12.7mm (0.5 in.) / FE2 12.7mm (0.5 in.), LS

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)
Spring	Type,(coil,leaf,other&matl)		Coil (Steel/Warm Set, Painted)
	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), LS
	Rate @ wheel N/mm (lb./in)		Base Sedan 27 (154) FE2 Sedan 39 (223), LS
Stabilizer	Type (link,lnkless,frmless)		Link
	Material & O.D. bar/tube, wall thickness		Solid Steel, 26.0 mm (1.02 in.) Base; 30.0 mm (1.18 in.) Uplevel

Suspension – Rear

Type and description			4-Link, Solid Axle
Travel	Full jounce (define load condition)		110mm (4.3 in.) @ Design (3-Passenger)
	Full rebound		129mm (5.1 in.) @ Design (3 Passenger)
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, 302.7 mm (11.9 in.) Coil; I.D., 140.0 mm (5.5 in.)
	Spring rate N/mm (lb/in)		Base Sedan 18 (103)/FE2/7B3 Sedan 27 (154), LS
	Rate @ wheel N/mm (lb/in)		Base Sedan 17.8 (101)/FE2/7B3 Sedan 26.6 (152), LS
	Insulators(type & material)		Upper (Butyl)
	If leaf	No. of leaves	Not Applicable
		Shackle(comp or tens)	"
Stabilizer	Type(link,lnkless,frmless)		Base: None; FE2/FE3: Uplevel (LS)
	Material & O.D. bar/tube, wall thickness		Solid Steel: 24.0 mm (0.94 in.), FE2 - 26.0 mm (1.02 in.), FE3
Track bar (type)			Not Applicable

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN

Model Year 1994 Issued 9-93 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 Chassis Division, Standard Disc
	Rear (disc or drum)			Delco Chassis Division, 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 assist	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
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
	Type and material		R	Cast Iron Finned
Wheel cylinder bore				25.4mm (1.0 in.) Police: 22.2 mm (0.87 in.) Caprice Classic Sedan
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 Chassis Division
		Lining code *****		
		Material		DM8120, Sedan; Bendix 7161A, Police
		****	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 Chassis Division
		Lining code *****		
		Material		DM 4064, Sedan; DM 4035/4050, Police
		****	Pri. or out-brd	59.65 cu. cm. (3.64 cu. in.), Sedan; 77.08 cu. cm. (4.80 cu. in.), Police
		Size	Sec. or in-brd	98.92 cu. cm. (6.05 cu. in.), Sedan; 114.47 cu. cm. (7.11 cu. in.), Police
		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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

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

Tires And Wheels (Standard)

Tires	Size (service description)		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 or stud & nut)	Stud & Nut
		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 (service description)	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 (service description)	P225/70R15 W/S - Caprice Classic LS
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 (service description)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (service description)	
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
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 Police
	Lining size (length x width x thickness)	Primary 59.65 cu. cm. Secondary 98.92 cu. cm. - Caprice Classic Primary 77.08 cu. cm. Secondary 114.47 cu. cm. - Police

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 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
Speed-sensitive (std., opt., n.a.)				Not Applicable
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.)		Standard
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 *				78.0 mm - P215
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, 14:1; FE2, 12.7:1
			Overall	16.07, 15.3 (Police)
	Pump (drive)			Belt
	No. wheel turns (stop to stop)			3.17, 3.06 (Police)
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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.)	0.0 (+/-) 0.8
		Toe-in outside track - mm (in.)	0.16 (+/-) 0.20
	Service reset*	Caster (deg.)	2.8 (+/-) 3.5
		Camber (deg.)	0.8 (+/-) 0.8
		Toe-in - mm(in.)	0.16 (+/-) 0.16
	Periodic M.V. inspection	Caster (deg.)	2.8 (+/-) 1.0
		Camber (deg.)	0.0 (+/-) 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.)		Digital Standard
	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		Gage
	Warning device (light, audible)		Light
Temperature indicator	Type		Gage
	Warning device		Light
Oil presssure indicator	Type		Telltale
	Warning device		Light
Fuel indicator	Type		Gage
	Warning device		N.A.
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 LS)
Rear window wiper, wiper/washer (std., opt., n.a.)			Not Applicable
Horn	Type		Delco
	Number used		2
Other			Low Coolant Indicator, Telltale-Light (Classic LS) Low Oil Level Indicator, Telltale-Light (All Sedans) Change Oil Monitor, Telltale (All Sedans) Airbag - Telltale - Light

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Code/Description

4.3 LITER V8 (265 CID)
SEQUENTIAL FUEL INJECTION RPO L99

Electrical – Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12 V
	Amps at 0 deg F cold crnk	525
	Minutes-reserve capacity	90 Min. Reserve
	Amps/hrs. - 20 hr. rate	54 Amps/hrs.
	Location	Engine Compartment, Right Front
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 (1600/6500 Generator RPM)
	Ratio (alt. crank/rev.)	3.0
	Output at idle (rpm, park)	36 Amps
	Optional (type & rating)	--
Regulator	Type	Temperature Compensated Per Curve "C" - 6507

Electrical – Starting System

Motor	Manufacturer	Nippon Denso
	Current drain 0 deg C (F)	350 Amps
	Power rating kw (hp)	1.6 (2.1)
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Rear

Electrical – Ignition System

Type	Electronic (std, opt,n.a.)		--
	Other (specify)		Opti-Spark Ignition System
Coil	Manufacturer		Delco Remy
	Model		
	Current	Engine stopped-A	--
		Engine idling - A	--
Spark plug	Manufacturer		AC Rochester
	Model		R45LTSP
	Thread (mm)		M14 x 1.25
	Tightening torque Newton meters (lb. ft.)		24-30 (18-22)
	Gap		1.27 (0.050 in.)
	Number per cylinder		1
Distributor	Manufacturer		Delco Remy
	Model		1103878

Electrical – Suppression

Locations & type	Internal Generator Capacitor, Non-Metallic High-Tension Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compression Diode, With Radio Provisions; Fuse Block Capacitor And On"Heater Only" Blower Motors And Coax Capacitor.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Code/Description: 5.7 LITER V8 (350 CID) SEQUENTIAL FUEL INJECTION RPO LT1

Electrical – Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12 V
	Amps at 0 deg F cold crnk	525
	Minutes–reserve capacity	90 Min. Reserve
	Amps/hrs. – 20 hr. rate	54 Amps/hrs.
	Location	Engine Compartment, Right Front
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 (1600/6500 Generator RPM)
	Ratio (alt. crank/rev.)	3.0
	Output at idle (rpm, park)	36 Amps
	Optional (type & rating)	--
Regulator	Type	Temperature Compensated Per Curve "C" - 6507

Electrical – Starting System

Motor	Manufacturer	Nippon Denso
	Current drain 0 deg C (F)	350 Amps
	Power rating kw (hp)	1.6 (2.1)
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Rear

Electrical – Ignition System

Type	Electronic (std, opt,n.a.)		--
	Other (specify)		Opti-Spark Ignition System
Coil	Manufacturer		Delco Remy
	Model		
	Current	Engine stopped-A	--
		Engine idling - A	--
Spark plug	Manufacturer		AC Rochester
	Model		R45LTSP
	Thread (mm)		M14 x 1.25
	Tightening torque Newton meters (lb. ft.)		24-30 (18-22)
	Gap		1.27 (0.050 in.)
	Number per cylinder		1
Distributor	Manufacturer		Delco Remy
	Model		1103878

Electrical – Suppression

Locations & type	Internal Generator Capacitor, Non-Metallic High-Tension Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compression Diode, With Radio Provisions; Fuse Block Capacitor And On"Heater Only" Blower Motors And Coax Capacitor.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC POLICE SEDAN (SEO 9C1)
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Code/Description

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT1

Electrical – Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12 V
	Amps at 0 deg F cold crnk	525
	Minutes-reserve capacity	90 Min. Reserve
	Amps/hrs. - 20 hr. rate	54 Amps/hrs.
	Location	Engine Compartment, Right Front
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 (1600/6500 Generator RPM)
	Ratio (alt. crank/rev.)	3.0
	Output at idle (rpm, park)	36 Amps
	Optional (type & rating)	--
Regulator	Type	Temperature Compensated Per Curve "C" - 6507

Electrical – Starting System

Motor	Manufacturer	Nippon Denso
	Current drain 0 deg C (F)	350 Amps
	Power rating kw (hp)	1.6 (2.1)
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Rear

Electrical – Ignition System

Type	Electronic (std, opt,n.a.)		--
	Other (specify)		Opti-Spark Ignition System
Coil	Manufacturer		Delco Remy
	Model		
	Current	Engine stopped-A	--
		Engine idling - A	--
Spark plug	Manufacturer		AC Rochester
	Model		R45LTSP
	Thread (mm)		M14 x 1.25
	Tightening torque Newton meters (lb. ft.)		24-30 (18-22)
	Gap		1.27 (0.050 in.)
	Number per cylinder		1
Distributor	Manufacturer		Delco Remy
	Model		1103878

Electrical – Suppression

Locations & type	Internal Generator Capacitor, Non-Metallic High-Tension Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compression Diode, With Radio Provisions; Fuse Block Capacitor And On"Heater Only" Blower Motors And Coax Capacitor.

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 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
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.
		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
		Rear	Bench Std., Wire/Foam Susp.: Armrest Version Available
		3rd seat	Not Applicable

Frame

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

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 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	Supplemental Inflatable Restraint
		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/thickness)		Curved - Laminated Plate, 5.5 mm
Side glass (type/thickness)		Curved - Tempered Plate, 4.0 mm
Backlight glass (type/thickness)		Curved - Tempered Plate, 5.5 mm
Tinted (yes/no, location)		Yes, Windshield
Solar control (yes/no, coated/batched, location)		No

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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

METRIC (U.S. Customary)

Engine Code/Description STATION WAGON

Climate Control System

Air conditioning (std., opt., man., auto.)		Standard, Automatic
Condenser	Type	Tube & Fin. Std.; HTC, Opt.
	Eff. face area (sq. mm.)	307,300. Std.: HTC, Opt.
	Fins per inch	13, Std.; HTC, Opt.
Evaporator	Type	Plate/Center
	Eff. face area (sq. mm.)	61,200
	Fins per inch	14
Heater Core	Material	Aluminum
	Eff. face area (sq. mm.)	32,660
	Fins per inch	30
Compressor	Type	Axial, 6 Cylinder (HD6)
	Displacement (cc)	110
	Manufacturer	Harrison Division
	A/C pulley ratio	1.43:1
Accumulator	Type	Universal
	Height (mm.)	215.9
	Diameter (mm.)	90
Receiver	Type	Not Applicable
	Height (mm.)	"
	Diameter (mm.)	"
Refrigerant control (CCOT, TVS, etc.)		CCOT
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R134a
Charge level (lbs. - oz.)		1 lb. 12 oz.
Cold engine lockout switch (yes / no)		HVAC Control Air Shut Off Until Water/Coolant Warms Up
Wide open throttle cutout switch (yes / no)		Yes

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 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
Console (floor, overhead)		Not Applicable
Defroster, electric windshield		None
Defroster, electric backlight		Optional
Electronic	Diagnostic monitor (integrated, individual)	Low Oil Level Indicator, Standard (Washer, Coolant, Fuel, Oil Level Indicators Standard on Classic LS)
	Instrument cluster (list instruments)	Speedo Fuel Temp
	Keyless entry	Optional, Classic LS Only
	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 LS
	Cornering	Standard, Classic LS
	Courtesy (map, reading)	Courtesy (Door) - Standard, Classic LS Reading Lamps - Standard, Classic LS; Optional, Caprice Classic
	Door lock, ignition	None
	Engine compartment	Standard, RH Side
	Fog	None
	Glove compartment	Standard
	Trunk	Standard
	Illuminated entry system (list lamps, activation)	Standard (Interior Lights)
	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
	R.H.(convex, rmt, pwr, htd)	Manual-Std., Power Or Power Heated-Opt. (Convex Mirror)
	Visor vanity (RH/LH illum.)	Non-Illum. - LH & RH, Standard / Optional RH - Illum.
Navigation system (describe)		Not Applicable
Prkg. brake-auto release (warn. light)		Base Light

MVMA Specifications

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised(*)

METRIC (U.S. Customary)

Model Code/Description ALL

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

Power equipment	Deck lid(release, pull down)		Release - Optional
	Door locks (manual, auto., describe system)		Manual - Standard Power - Optional (Power - Standard On Classic)
	Seats	2 - 4 - 6 way, etc.	6-Way RH & LH, Optional Classic; LH Only, Optional Caprice; 6-Way LH Standard
		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)
	Vent windows		None
	Rear windows		Not Applicable
Radio systems	Antenna (location, whip, w/shield, power)		Whip RH Front Fender; Power - Optional
	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 AM/FM Stereo Seek, Scan, CD, Clock ETR, 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
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	(No Towing W/L99.) Trans - M30 Axle - 2.93 LT1 (Optional); M30 4L60E (Standard) 2.93 (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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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	1582 (62.3)
Vehicle width	W103	1968 (77.5)
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 (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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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	1347 (53.0)
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)

Rear Compartment

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

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	W8	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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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	
Cargo Volume index**	V6	
Cargo width at floor**	W500	
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 CLASSIC SEDAN
Model Year 1994 Issued 9-93 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). Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rail (compartment pan - longitudinal). Z - Fiducial mark to horizontal 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		
	W21**	564 (22.2)
	L54**	2754 (108.4)
Front	H81**	509 (20.0)
***	H161**	348 (13.7), Curb
***	H163**	392 (15.4)
	W22**	254 (10.0)
	L55**	5533 (217.8)
Rear	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 CLASSIC SEDAN

Model Year 1994 Issued 9-93 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 CLASSIC 1BL19	1034	808	1842	1786					
4-Dr. Notchback Sedan (L99 & M30)	(2280)	(1781)	(4061)	(3937)	Z	47.4	52.6	17.4	82.6
CAPRICE CLASSIC LS 1BN19 (W/Z09)	1039	811	1850	1794					
4-Dr. Notchback Sedan (L99 & M30)	(2291)	(1788)	(4078)	(3954)	Z	47.4	52.6	17.4	82.6
CAPRICE W/POLICE PKG. 1BL19 & 9C1	1069	847	1916	1860					
4-Dr. Notchback Sedan (LT1 & M30)	(2357)	(1867)	(4224)	(4100)	AA	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 CLASSIC SEDAN

Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
AA7	Window - Power Operated	1.8 (4.0)	1.0 (2.2)	2.8 (6.2)	
AG1	Seat Adjuster - 6 Way Power Driver Only	3.2 (7.0)	1.0 (2.2)	4.2 (9.2)	
AG2	Seat Adjuster - 6 Way Power	3.2 (7.0)	1.0 (2.2)	4.2 (9.2)	
AM6	Seat Front Split 3 Passenger	6.0 (13.2)	4.8 (10.6)	10.8 (23.8)	
AN4	Child Restraint Provisions	0 (0)	.4 (.9)	.4 (.9)	
AP9	Convenience - Net	0 (0)	.2 (.4)	.2 (.4)	
AS7	Seat - Deluxe 45/45	7.4 (16.3)	4.8 (10.6)	12.2 (26.9)	
AU0	Lock Control - Remote Entry	.6 (1.3)	.4 (.9)	1.0 (2.2)	
AU3	Lock - Side Door, Electric	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
A75	Cushion - Front Seat H/D	1.6 (3.5)	1.6 (3.5)	3.2 (7.0)	
A76	Cushion - Rear Seat H/D	.4 (.9)	.2 (.4)	.6 (1.3)	
A90	Lock - Rear Compartment Lid, Remote Control Electric	-.2 (-.4)	.8 (1.7)	.6 (1.3)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN

Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
BC5	Interior Ornamentation Load Comp	-.2 (-.4)	.8 (1.7)	.6 (1.3)	
B18	Ornamentation - Interior, Deluxe	.2 (.4)	0 (0)	.2 (.4)	
B4U	Sport Performance Package	3.0 (6.6)	3.6 (7.9)	6.6 (14.5)	
B45	Trim Equipment Delete Fleet	0 (0)	-2.0 (-4.4)	-2.0 (-4.4)	
B48	Trim - Luggage Compartment	0 (0)	3.2 (7.0)	3.2 (7.0)	
B81	Exterior Ornamentation - Body Side Delete	-.6 (-1.3)	-1.0 (-2.2)	-1.6 (-3.5)	
C49	Defogger - Rear Window, Electric	.2 (.4)	.2 (.4)	.4 (.8)	
C71	Lamp - Interior Front Door	.2 (.4)	0 (0)	.2 (.4)	
C96	Lamps	.2 (.4)	0 (0)	.2 (.4)	
DC4	Mirror - I/S, R/V Tilt R/Lamp	.2 (.4)	0 (0)	.2 (.4)	
DD2	Mirror - I/S, Sunshade, Covered	.2 (.4)	0 (0)	.2 (.4)	
DD9	Mirror Chrome Electric (Export)	.8 (1.8)	0 (0)	.8 (1.8)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN

Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
DG7	Mirror - O/S, Left & Right, Electric Painted	.4 (.9)	0 (0)	.4 (.9)	
DL8	Mirror - Outside Rear	.6 (1.3)	0 (0)	.6 (1.3)	
D42	Shade - Rear Compartment Security	-.6 (-1.3)	3.4 (7.5)	2.8 (6.2)	
D55	Console Front Compartment Floor Var. 1	2.0 (4.4)	1.0 (2.2)	3.0 (6.6)	
D64	Mirror - Visor (Illuminated)	.2 (.4)	0 (0)	.2 (.4)	
D84	Paint - Custom Two-Tone	.2 (.4)	.2 (.4)	.4 (.8)	
FE2	Suspension System - Ride, Handling	2.8 (6.2)	8.2 (18.0)	11.0 (24.2)	
FE3	Suspension System - Sport	3.2 (7.1)	9.8 (21.6)	13.0 (28.7)	
F01	Frame Heavy Duty	4.0 (8.8)	4.0 (8.8)	8.0 (17.6)	
F41	Suspension System - Front/Rear, Firm Ride, Handling	3.0 (6.6)	8.0 (17.6)	11.0 (24.2)	
GU4	Axle - Rear (3.08 Ratio)	0 (0)	14.0 (30.9)	14.0 (30.9)	
GU5	Rear Axle - 3.23 Ratio	0 (0)	7.0 (15.4)	7.0 (15.4)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*					
		MASS, kg. (lb.)			
Code	Equipment	Front	Rear	Total	Remarks Restrictions, Requirements
GW9	Rear Axle - 2.93 Ratio	0 (0)	15.0 (33.1)	15.0 (33.1)	
G80	Axle - Rear (Limited Slip)	0 (0)	3.6 (7.9)	3.6 (7.9)	1BA00 & GU4/GU5
G80	Axle - Rear (Limited Slip)	0 (0)	2.8 (6.2)	2.8 (6.2)	1BA00 & GM8/GW9
IHD	Trim - Interior Design	.2 (.4)	.2 (.4)	.4 (.8)	
IHN	Trim - Interior Design	1.8 (4.0)	1.8 (4.0)	3.6 (7.9)	
IQC	Trim - Interior Design AM6	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
IQD	Trim - Interior Design	.8 (1.8)	.8 (1.8)	1.6 (3.5)	
IQE	Trim - Interior Design AM6	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
IQN	Trim - Interior Design	1.8 (4.0)	1.8 (4.0)	3.6 (7.9)	
IQ2	Trim - Interior Design	1.6 (3.5)	1.6 (3.5)	3.2 (7.0)	
IRD	Trim - Interior Design A52	.2 (.4)	.2 (.4)	.4 (.8)	
IRN	Trim - Interior Design A52	1.8 (4.0)	1.8 (4.0)	3.6 (7.9)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
JA2	Brake - System Heavy Duty	0 (0)	13.4 (29.5)	13.4 (29.5)	1BL19 & GU5
JA2	Brake - System Heavy Duty	0 (0)	15.0 (33.1)	15.0 (33.1)	1BL19 & GU2
JA9	Brake Heavy Weight, Disc/Disc	0 (0)	11.0 (24.3)	11.0 (24.3)	1BL19 & GU5
KC4	Cooling System - Engine Oil	1.4 (3.1)	0 (0)	1.4 (3.1)	
KD1	Cooling System - Transmission Oil	2.0 (4.4)	0 (0)	2.0 (4.4)	
KG9	Generator 140 Amp	1.4 (3.1)	0 (0)	1.4 (3.1)	
K05	Heater - Engine Block	.4 (.9)	0 (0)	.4 (.9)	
K34	Cruise Control Auto Electronic	1.6 (3.5)	0 (0)	1.6 (3.5)	
LT1	Engine 8 Cylinder, 5.7L, MFI HO	2.0 (4.4)	0 (0)	2.0 (4.4)	
NK4	Steering Wheel - Sport, Leather	.2 (.4)	0 (0)	.2 (.4)	
NM8	Emission System - Leaded Fuel	-.8 (-1.8)	-.8 (-1.8)	-1.6 (-3.5)	
N10	Dual Exhaust System	6.0 (13.2)	12.8 (28.2)	18.8 (41.4)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Code	Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
N81	Fullsize Spare Tire	-1.4 (-3.1)	8.0 (17.6)	6.6 (14.5)	1BL19 & PH1 & QNP
N91	Wheel Cover - Simulated Wire W/Lock	1.8 (4.0)	1.8 (4.0)	3.6 (7.9)	
N92	Wire Wheel Covers (9C1)	2.4 (5.3)	2.4 (5.3)	4.8 (10.6)	
N97	Wheel 15, HD	2.6 (5.7)	2.6 (5.7)	5.2 (11.4)	
PA5	Hubcaps - Wheel	-1.6 (-3.5)	-1.6 (-3.5)	-3.2 (-7.0)	
PB1	Cover - Wheel 15 in.	.2 (.4)	.2 (.4)	.4 (.8)	
PB4	Lock - Wheels	0 (0)	.2 (.4)	.2 (.4)	
PD4	Wheel - 15 x 7, Light Metal	-.8 (-1.8)	-.8 (-1.8)	-1.6 (-3.5)	
QA0	Wheel 17 x 8.5 Aluminum Styled	5.2 (11.5)	5.2 (11.5)	10.4 (22.9)	
QBJ	Tire All P255/50ZR17 BW R/PE	4.4 (9.7)	4.4 (9.7)	8.8 (19.4)	
QMV	Tire All P235/70R15 WS1 R/PE	2.4 (5.3)	2.4 (5.3)	4.8 (10.6)	
QNP	Tire - P225/70R15/N	.8 (1.8)	.8 (1.8)	1.6 (3.5)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
QQG	Tire - P235/70R15	2.4 (5.3)	2.4 (5.3)	4.8 (10.6)	1BL19 & R4Z
QQG	Tire - P235/70R15	1.4 (3.1)	1.4 (3.1)	2.8 (6.2)	1BL19 & R4Y
QQR	Tire P235/70 R15 WS1 R/PE ST	1.4 (3.1)	1.4 (3.1)	2.8 (6.2)	
TL4	Grille Painted	.4 (.9)	0 (0)	.4 (.9)	
TL6	Grille - Black	.6 (1.3)	0 (0)	.6 (1.3)	
T43	Rear Spoiler	0 (0)	1.4 (3.1)	1.4 (3.1)	
T61	Lighting Daytime Running	.6 (1.3)	0 (0)	.6 (1.3)	
T82	Headlamps - Twilight Sentinel	.4 (.9)	0 (0)	.4 (.9)	
T87	Lamps - Cornering	.4 (.9)	0 (0)	.4 (.9)	
UL5	Radio - Delete	-1.0 (-2.2)	-.2 (-.4)	-1.2 (-2.2)	
UM6	Radio - AM/FM Stereo, Seek & Scan, Cassette, Clock	.6 (1.3)	.2 (.4)	.8 (1.7)	
UQ5	Speaker System - 4 Dual	.2 (.4)	.8 (1.8)	1.0 (2.2)	

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Code	Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
U1C	Radio - AM/FM Stereo Seek & Scan	.8 (1.8)	.2 (.4)	1.0 (2.2)	
U11	Cluster - Police Includes Gages	.4 (.9)	0 (0)	.4 (.9)	
U75	Antenna - Power, Radio	1.0 (2.2)	0 (0)	1.0 (2.2)	
VK3	License Plate Rear Mounted PKG-EXP	.4 (.9)	0 (0)	.4 (.9)	
V03	Cooling System - Extra Capacity	.6 (1.3)	-.2 (-.4)	.4 (.9)	
V08	Radiator - Heavy Duty (Req. W/V92)	5.6 (12.3)	0 (0)	5.6 (12.3)	
1T1	Hose - Radiator & Heater (Spl.) Sil. Rub.	.4 (.9)	0 (0)	.4 (.9)	
1Z2	Anti-Corrosion Hot Melt	1.0 (2.2)	1.0 (2.2)	2.0 (4.4)	
142	Trim Comb - Leather, Light Gray	.4 (.9)	.4 (.9)	.8 (1.8)	
5AN	Tire - P225/70HR 15	4.2 (9.3)	4.2 (9.3)	8.4 (18.5)	
5AQ	Tire - P225/70HR 15	4.2 (9.3)	4.2 (9.3)	8.4 (18.5)	1BL19 & R4Z
5AQ	Tire - P225/70HR 15	1.4 (3.1)	1.4 (3.1)	2.8 (6.2)	1BL19 & R4Y

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
6A3	Mat - H/D Front & Rear	2.4 (5.3)	2.4 (5.3)	4.8 (10.6)	
6C9	Conduit - Two-Way Cable	.4 (.8)	.3 (.7)	.7 (1.5)	
6F8	Tray - Ash Side Front Doors	.2 (.4)	0 (0)	.2 (.4)	
6G2	Reinforced - Roof Panel	1.6 (3.5)	1.6 (3.5)	3.2 (7.0)	
6H6	Auto Trunk Opener	0 (0)	.2 (.4)	.2 (.4)	
6J1	Wiring - Ignition & Main Power	.8 (1.8)	.4 (.8)	1.2 (2.6)	
6J2	Wiring - Headlight, Flash, Grille Light	.2 (.4)	0 (0)	.2 (.4)	
6J3	Wiring - Headlight, Flash, Grille Left Speaker	.6 (1.3)	.4 (.9)	1.0 (2.2)	
6J6	Lamp Package - Rear Panel Lights	0 (0)	1.6 (3.5)	1.6 (3.5)	
6N8	Handle - Rear Seat Assist	.2 (.4)	.2 (.4)	.4 (.8)	
7B3	Suspension - Special Handling	3.8 (8.4)	9.2 (20.3)	13.0 (28.7)	
7L9	Cooler - Hydraulic Steering Oil	.4 (.9)	0 (0)	.4 (.9)	

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

MVMA Specifications

METRIC (U.S. Customary)

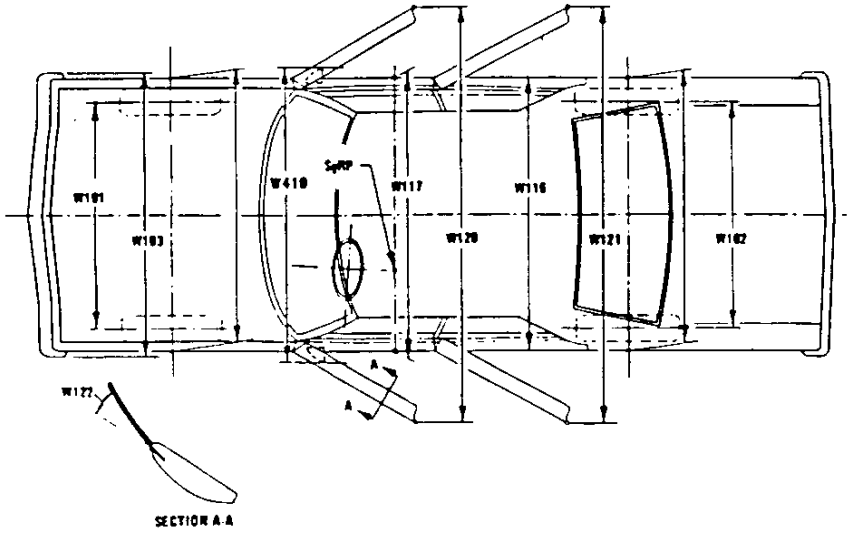
Vehicle Line CAPRICE CLASSIC SEDAN
Model Year 1994 Issued 9-93 Revised

Optional Equipment Differential Mass (weight)*					
		MASS, kg. (lb.)			
Code	Equipment	Front	Rear	Total	Remarks Restrictions, Requirements
7P8	Cooler - Engine Oil	1.8 (4.0)	0 (0)	1.8 (4.0)	
7X6	Spotlamp - Left Halogen Pillar Mount	1.6 (3.5)	0 (0)	1.6 (3.5)	
7X7	Spotlamp - Left & Right Halogen	3.4 (7.5)	0 (0)	3.4 (7.5)	
7Z5	Fuse Box	.4 (.9)	0 (0)	.4 (.9)	
9C1	Police Car	6.8 (15.0)	6.6 (14.5)	13.4 (29.5)	
9C6	Taxi Cab	3.4 (7.5)	3.2 (7.1)	6.6 (14.6)	

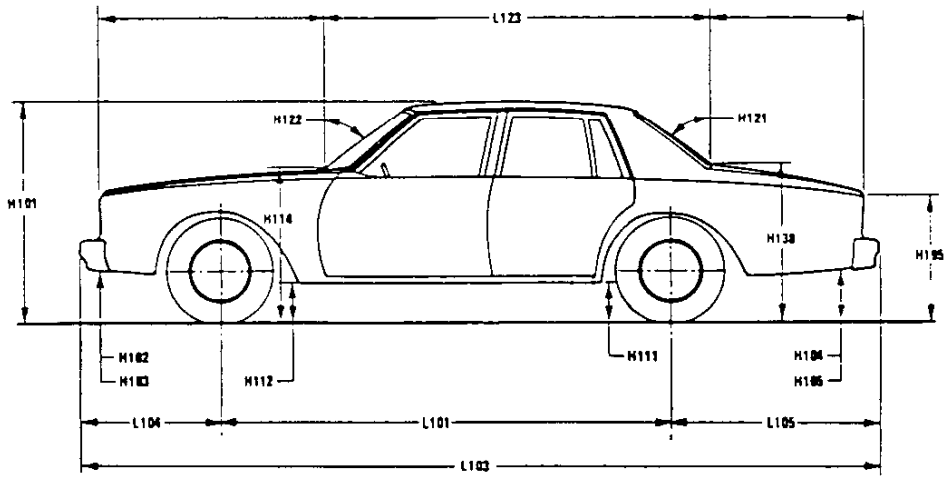
* Also see Engine - General Section for dressed engine mass (weight).

Exterior Vehicle And Body Dimensions – Key Sheet

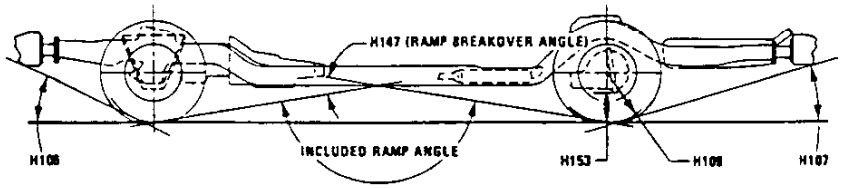
Exterior Width



Exterior Length & Height



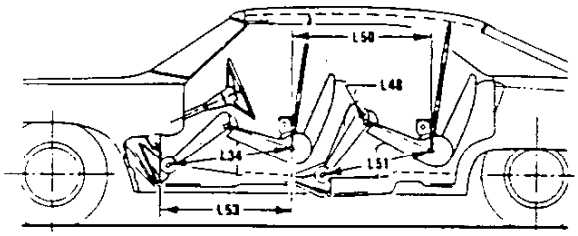
Exterior Ground Clearance

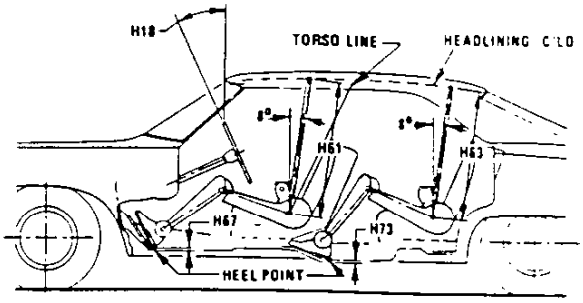


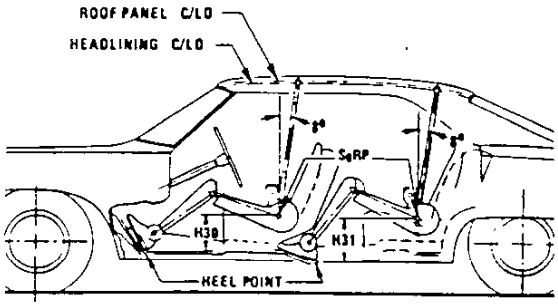
MVMA Specifications Form

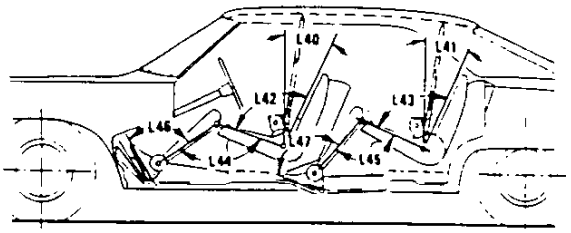
METRIC (U.S. Customary)

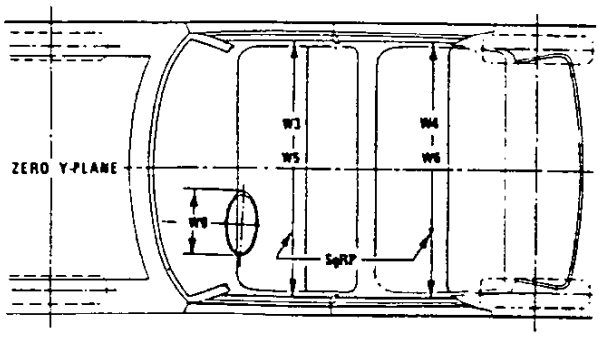
Interior Vehicle And Body Dimensions – Key Sheet

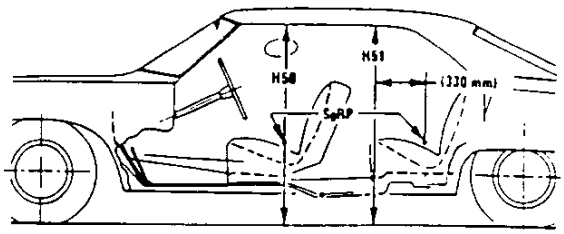






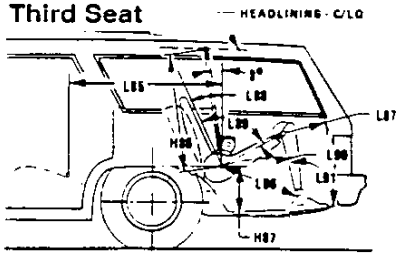


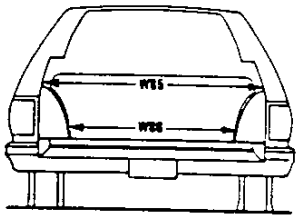




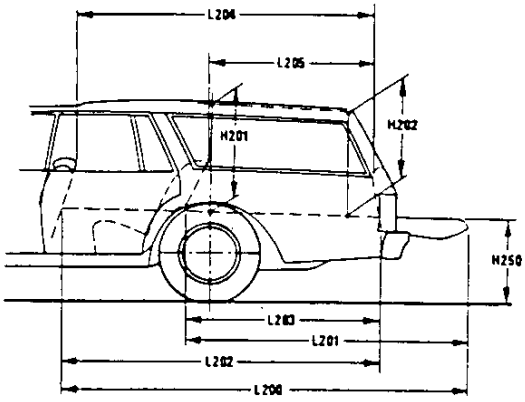
Interior Vehicle And Body Dimensions – Key Sheet

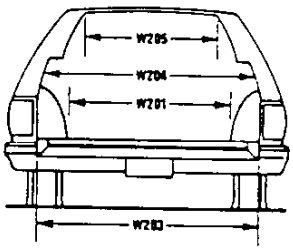
Third Seat



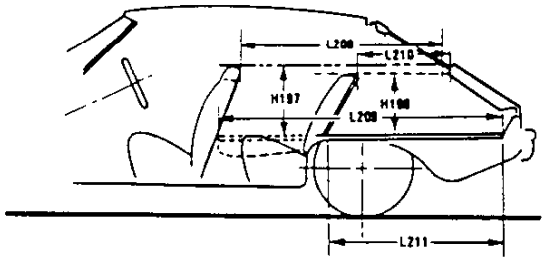


Cargo Space

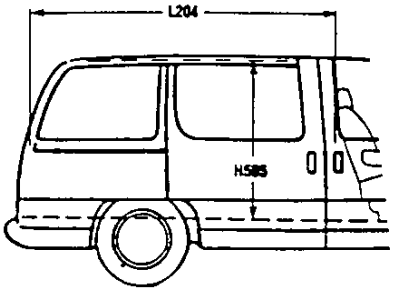


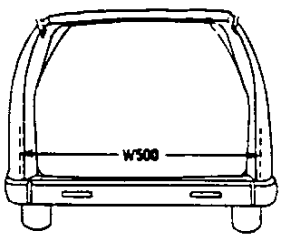


Station Wagon



Hatchback





Multipurpose Vehicle

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 of 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 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 dimens 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 minimu dimension measured horizontally from the back of the fr seat at the height of the undepressed floor covering to t rearmost point on the undepressed floor covering on t closed tailgate or taildoor for station wagons, trucks a mpv's at the zero "Y" plane.

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

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

L205 CARGO LENGTH AT BELT – SECOND. The minimum d mension 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 dimensior measured laterally between the trimmed wheelhousings a 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.

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:

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

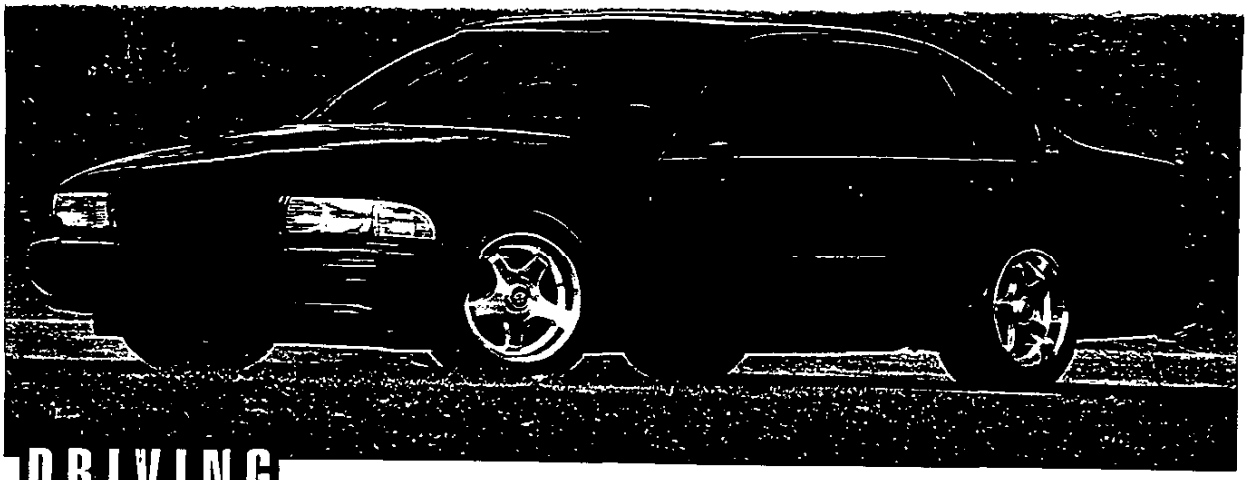
Measured in mm:

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

MVMA Specifications

METRIC (U.S. Customary)

Index



DRIVING *New For '94* IMPRESSION

CHEVROLET IMPALA SS

SET THE WAYBACK MACHINE FOR 1961

by Don Sherman
PHOTOGRAPHY BY JIM FRENAK

Those cynics who insist that concept cars are pure flights of fancy have one more reason to eat their hats. Chevy's Impala SS design study, which made its debut on the show circuit in the fall of 1992, will be appearing in dealer showrooms sometime after the first of the year.

In a noble attempt to spark life into the slow-selling Caprice, Chevrolet tooled up the Impala SS from existing police hardware plus a few new interior and exterior trim pieces. The name that began as a '61 dealer-installed equipment package and grew into a full model in '64 is back for a return engagement as the family man's sport sedan.

The Impala SS hardware list is impressive: 260-horsepower LT1 V-8, four-speed electronic automatic, four-wheel anti-lock disc brakes, and 225/50ZR17 tires on 8.5-inch aluminum rims. The suspension is lowered and firmed up with DeCarbon gas-pressure shock absorbers. The Caprice's faux wood is stripped out of the interior, and front bucket seats are trimmed in either gray cloth or optional perforated leather upholstery. A racy grille, low-profile decklid spoiler, body-color badging, five-spoke wheels, and rear quarter-window inserts distinguish this edition from the Chevy Caprice. It's a pity there wasn't time to factor in a floor shifter, a tachometer, or colors other than black into the program.

In every other respect, the Impala SS is a convincing comeback. The ride is confident and float-free, while the wide tires stick well enough to warrant second thoughts about opting for leather trim. The detuned Corvette engine hurls you up to speed quickly, (with 0-60 times estimated in the mid-sevens) and the heavy-duty brake system has the reserve capacity necessary to rein in this 4200-pound cruiser from escape velocity. Most important, the Impala SS looks the part: This heavy Chevy wears its fat fenders proudly like a defensive end's shoulder pads.

In some respects, the Impala SS is a flashback to that high school reunion when you discovered that Peggy Sue—even without the pleated skirt and ponytail—still has what it takes and that youthful dreams have a very lengthy shelf life.

Body type: 4-door, 5-passenger
Drivetrain: Front engine, rear drive
Base curb weight, lb: 4218
Wheelbase, in./mm: 115.9/2944
Engine: 5.7-liter V-8, OHV, 2 valves/cyl.
Horsepower: 260 @ 5000
Torque, lb-ft @ rpm: 330 @ 3200
Transmission: 4-speed auto.
Brakes: Vtd. discs/vtd. discs/ABS
Est. base price: $20,000

This version of the Corvette LT1 engine delivers 260 horsepower. The new-for-'94 instrument panel contains a digital speedometer and analog secondary gauges.