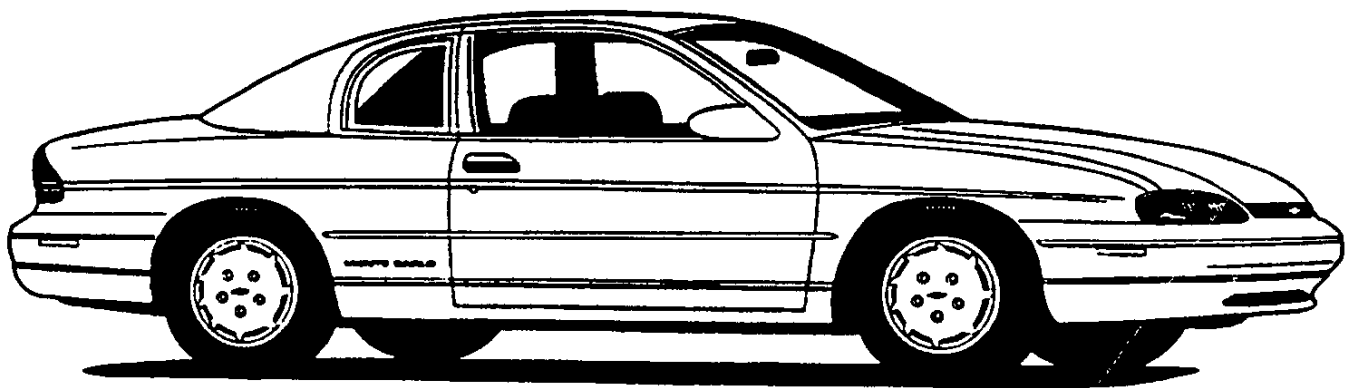
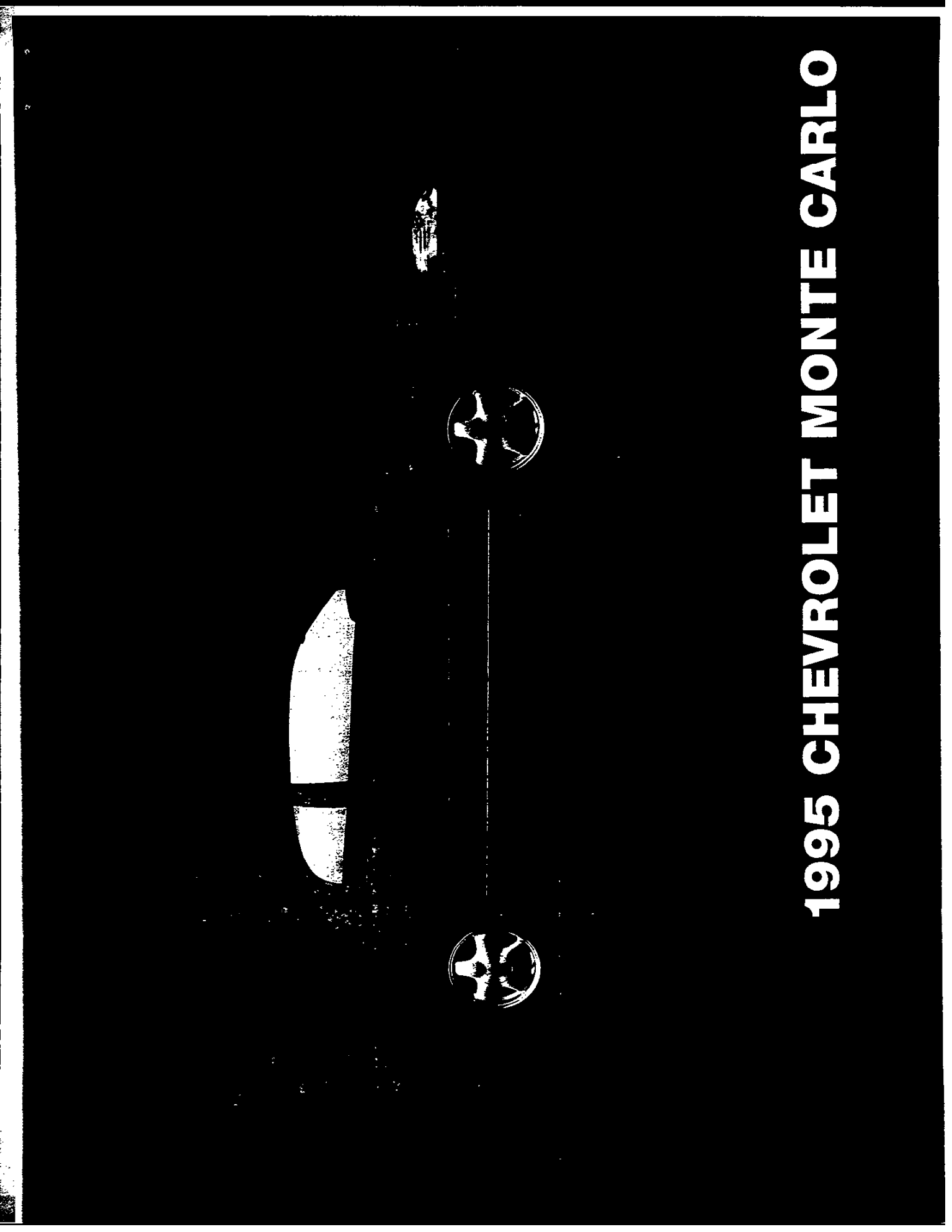




Chevrolet



1995 Monte Carlo



1995 CHEVROLET MONTE CARLO

MONTE CARLO BY CHEVROLET. THE AMERICAN CLASSIC, REBORN.

Monte Carlo for 1995 is the beautiful new American coupe, designed to the highest standards of quality.

Monte Carlo makes driving fun again as it surrounds you with quiet, personal style.

Monte Carlo has the safety features you want — a four-wheel anti-lock brake system (ABS), front and rear crush zones, dual air bags — and it has all this standard, at an affordable Chevrolet price.

Z34 is the performance version of Monte Carlo, featuring a 210-hp DOHC V6, and Ride and Handling Suspension. The well-equipped, V6-powered

Monte Carlo LS is priced thousands of dollars less than many comparably equipped import coupes.

The 1995 Monte Carlo is coming to Chevrolet dealerships soon. See your dealer for details.

MONTE CARLO FEATURE HIGHLIGHTS

The following is a list of standard equipment, unless otherwise noted.

SAFETY

- Driver- and passenger-side air bags
- ABS (four-wheel anti-lock brake system)
- PASS-Key II theft-deterrent system
- Safety-cage construction
- Side-guard door beams

PERFORMANCE

- 3100 V6 with Sequential-Port Fuel Injection (LS)
- 5.4 Liter DOHC V6 with Sequential-Port Fuel Injection (Z34)
- 4-speed electronically controlled automatic transmission
- Front and rear stabilizer bars
- Power rack-and-pinion steering
- Suspension: Soft-Ride (LS)
- Suspension: Ride and Handling (Z34).

APPEARANCE

- All-new exterior styling
- All-new interior design
- Base-coat/clear-coat exterior paint
- 15" wheels with tire-hub bolt-on full wheel covers (LS)
- 16" aluminum wheels (Z34).

COMFORT AND CONVENIENCE

- Air conditioning with CFC-free refrigerant
- Electronic speed control with Resume feature (Standard on Z34, optional on LS)
- Gauge package with tachometer
- Intermittent wiper system
- Luggage-area cargo net (Standard on Z34, optional on LS)
- Power door-lock system
- Power 6-way driver seat (optional)
- Power trunk opener (Standard on Z34, optional on LS)
- Power windows with driver's Express-Down feature
- Rear window defogger (optional)
- Remote Keyless Entry System (Standard on Z34, optional on LS)
- Seats: Split-bench front seat with center storage (LS)
- Seats: Front bucket seats with center storage console and cup holder (Standard on Z34, optional on LS)
- Seats: leather seating surfaces (optional)
- Split-folding rear seat
- Sport mirrors, twin electric (Z34)
- Stereo: AM/FM with cassette tape player
- Stereo: AM/FM with compact disc player and Theft Lock security feature (optional)
- Tilt-Wheel™ Adjustable Steering Column

EASY-TO-OWN

- Stainless steel exhaust system
- Scott-Chrysler™ Protector (on cloth seats, door panel trim, floor carpeting and floor mats)
- Two-side galvanized steel for all body panels except the roof.

THE CHEVROLET CUSTOMER CARE PACKAGE

Chevrolet is committed, in every way, to making your 1995 Monte Carlo the best car you've ever owned. That commitment starts with a quality car, and it continues with the Chevrolet Customer Care Package. This package includes all of the following:

- 3-year/36,000-mile Bumper to Bumper Warranty with no deductible. See your Chevrolet dealer for terms of this limited warranty.
- Courtesy Transportation. Customers who purchase or lease a 1995 Monte Carlo will be able to take advantage of Courtesy Transportation at no additional charge when their vehicle is held at a participating dealership for repairs covered under the 3-year/36,000-mile New Vehicle Limited Warranty.
- 24-Hour Roadside Assistance. For as long as you own your Monte Carlo, the security of 24-hour roadside assistance is available via a toll-free hot line.

Please ask your Chevrolet dealer for more details concerning the Chevrolet Customer Care Package.

IMPORTANT: Chevrolet reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications, models and availability. Since some information may have been updated since the time of printing, please check with your Chevrolet dealer for complete details.

For more information, call 1-800-950-CHEV.



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'95 MONTE CARLO



• **Driver- and Passenger-Side Air Bags** — designed to help prevent injury in certain moderate to severe frontal collisions. Always wear safety belts, even with air bags. • **4-Wheel Anti-Lock Brake System (ABS)** — helps maintain steering control and prevent skidding when braking on most slippery surfaces. • **Safety-Cage Construction** — surrounds the entire passenger compartment. Monte Carlo meets 1997 Federal side-impact standards today. • **PASS-Key II Theft-Deterrent System** — a small, resistance-coded pellet in the ignition key must match a measurement circuit in the steering column to enable the engine to start. • **Full-Floating Horn Pad** — wider horn panel makes use easier and quicker.



• **3100 V6 Engine with SFI and Four-Speed Electronic Automatic Transmission (standard in LS models)** — delivers smooth, effortless power for passing and merging, with 20 hp more than its predecessor. Shifts are virtually seamless. • **Four-Wheel Independent Suspension** — provides an excellent combination of ride and response. • **3.4 Liter DOHC V6** — This four-valves-per-cylinder engine delivers 210 hp at 5200 rpm for truly impressive performance (standard in Z34 models). • **World-Class Body Structure** — delivers an exceptionally smooth ride, provides Monte Carlo with a feeling of a solid, stable and well-built automobile.



• **Base-Coat/Clear-Coat Paint** — not only provides a more durable, lustrous finish, but reduces the severity of water-spotting and etching from acid rain. • **Two-Side-Galvanized Steel** — on all exterior body panels (except the roof) for unsurpassed corrosion protection. • **Impact-Absorbing 5-mph Front and Rear Bumpers** — with resilient body-color covers to resist minor dents and dings. • **Bolt-On Full Wheel Covers** — add a distinctive styling touch (aluminum wheels standard on Z34).

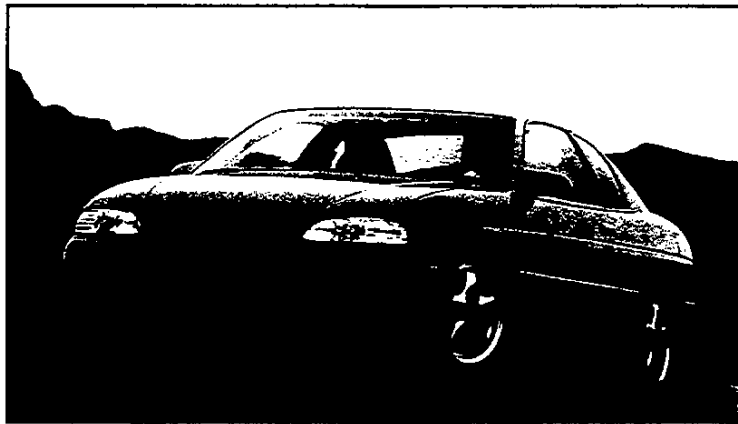


• **Tilt-Wheel™ Adjustable Steering Column** — Makes entering and exiting vehicle easier. • **Power Windows with Driver's Express-Down Feature** — allow easy operation of all windows and one-touch operation to lower driver's window. • **Intermittent Wipers** — allow driver to match wiper speed to weather conditions. • **Cellular Telephone Provision (requires compatible Delco telephone)** — a convenience option busy owners will appreciate.



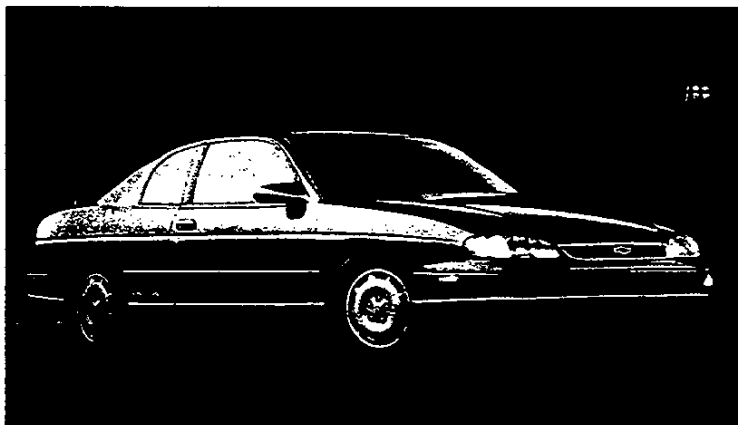
• **Scotchgard™ Fabric Protector** — on seats, door panels, carpeting and floor mats, resists stains and makes cleanup easy. • **Stainless-Steel Exhaust System** — includes all pipes, catalytic converter and muffler to resist corrosion for a long service life. • **Lubed-For-Life Suspension** — sealed components never require lubrication. • **Genuine Customer Care** — a no-deductible, 3-year/36,000-mile limited warranty, 24-hour roadside assistance via toll-free hot line, and courtesy transportation, if your vehicle ever needs warranty work, at participating dealers.

Blue: • New Feature



FEATURE VEHICLE

for 1995 is the Monte Carlo Z34 Coupe. This powerful, well-appointed sport coupe is designed to please the true automotive enthusiast.



FOCUS VEHICLE

for 1995 is the Monte Carlo LS Coupe. This truly affordable mid-size, 6-passenger coupe offers a smart appearance teamed with an intelligent combination of design, standard features, unique driver orientation/comfort and owner protection. When equipped with the recommended PEG 1 (1SEX), this model represents the best opportunity for Monte Carlo high-volume sales at your dealership.



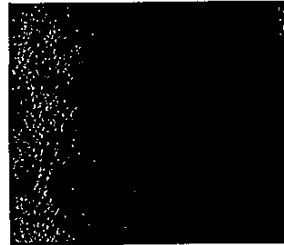
- MONTE CARLO IS ALL-NEW FOR 1995
- STANDARD DRIVER- AND PASSENGER-SIDE AIR BAGS
- STANDARD 4-WHEEL ANTI-LOCK BRAKE SYSTEM
- STANDARD 3100 V6 AND 4-SPEED AUTOMATIC TRANSMISSION

'95 MONTE CARLO

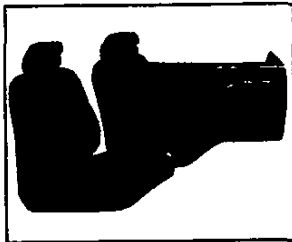
TRIM COLOR/SEAT STYLE AVAILABILITY



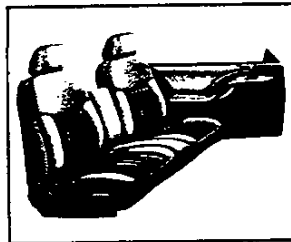
Custom Cloth available in Beige, Medium Blue, Graphite and Medium Gray (standard on LS models).



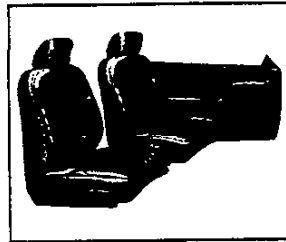
Leather available in Beige and Graphite (optional on LS and Z34 models).



Custom Cloth 40/40 front bucket seats (optional on LS Coupe, standard on Z34).



Custom Cloth 60/40 front bench seat (standard on LS Coupe, optional on Z34).

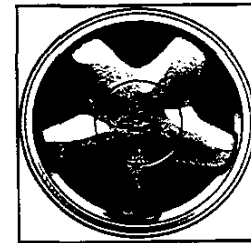


Optional front bucket seats with leather seating surfaces.

WHEELS



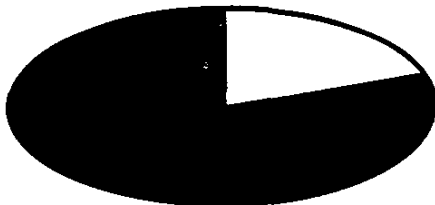
Monte Carlo LS standard 15 deluxe bolt-on wheel cover.



Monte Carlo LS optional aluminum wheel with chrome bowtie. Also available in white with white exterior (requires optional Goodyear P225/60R-16 tire).

MOST POPULAR EXTERIOR COLORS BY PERCENTAGE

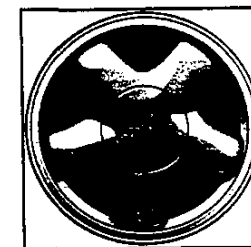
Clockwise below are the four most anticipated popular Monte Carlo colors for 1995, based on national sales volume. They are listed for reference only. To identify the top-selling colors in your area, by model, use the Retail Sales Analysis (RSA).



Bright White	21%
Medium Adriatic Blue Metallic	18%
Medium Garnet Red Metallic	17%
Sherwood Green Metallic	NEW
Other colors	44%

MOST POPULAR EXTERIOR COLORS WITH CORRESPONDING INTERIOR COLOR AVAILABILITY

Exterior Colors	Interior Material Colors			
	Beige	Medium Blue	Graphite	Medium Gray
Bright White	●	●	●	●
Medium Adriatic Blue Metallic		●		●
Medium Garnet Red Metallic	●		●	●
Sherwood Green Metallic	●		●	●



Monte Carlo Z34 aluminum wheel with Red bowtie. Also available in white with white exterior (standard on Z34).

'95 MONTE CARLO

FEATURE VEHICLE: MONTE CARLO Z34 COUPE

Feature vehicle for 1995 is the Monte Carlo Z34 Coupe. This powerful, well-appointed sport coupe is designed to please the true automotive enthusiast. Standard features include:

- 3.4 Liter DOHC V6 with Sequential-Port Fuel Injection
- Tuned Ride and Handling Suspension with Fast-Ratio Power Steering
- Analog Instrumentation with Tachometer
- 16" Aluminum Wheels and new Goodyear Eagle RS-A Performance Tires specifically designed for the Monte Carlo Z34
- Custom Cloth 40/40 Bucket Seats with Center Storage Armrest
- Dual Tailpipes
- Twin Remote Electric Mirrors.

FOCUS VEHICLE: MONTE CARLO LS COUPE

Focus vehicle for 1995 is the Monte Carlo LS Coupe. This truly affordable mid-size, 6-passenger coupe offers sleek, contemporary styling teamed with an intelligent combination of standard safety and performance features. When equipped with the recommended PEG 1 (1SEX), this model represents the best opportunity for Monte Carlo high-volume sales at your dealership.

Ordering Recommendations

Recommended Monte Carlo LS Coupe content, based on anticipated national sales volume, is listed below to assist your dealership in ordering.

Monte Carlo LS Coupe with Preferred Equipment Group 1 (1SEX) includes:

Standard equipment only (see page 4 for details).

Evaluate options on an as-needed basis:

- Rear-Window Defogger (C49)
- Cloth Bucket Seats with Console (AR9)
- Aluminum Wheels (PY0), requires QNX Tires.

NOTE: Model, PEG and optional content may vary in your locality. Use the Retail Sales Analysis (RSA) to verify or select your dealership's Monte Carlo Focus vehicle content.

'95 PRODUCT POSITIONING

Monte Carlo is positioned as a beautifully styled, personal coupe that's designed, engineered and built around the driver.

COMPETITIVE VEHICLES

Ford Thunderbird LX/SC
Mercury Cougar XR-7
Honda Accord LX Coupe
Toyota Camry Coupe.

BUYER DEMOGRAPHICS

Monte Carlo
LS and Z34:



Median age
of 37 years.



Average yearly
income for
Monte Carlo
LS buyers is
expected to be
\$50,000.



60% of LS
buyers are
expected to be
female.



62% of buyers
are expected
to be married.



35% of Z34
buyers are
expected to be
female.



35% of buyers
are expected
to be college
educated.

'95 MONTE CARLO

FEATURE AVAILABILITY

	LS Coupe	Z34 Coupe
3100 V6 Engine with SFI	S	N/A
3.4L SFI V6	N/A	S
4-Speed Automatic Transmission	S	S
P205/70R-15 Blackwall Touring Tires	S	N/A
P225/60R-16 Blackwall Touring Tires	O	N/A
P225/60R-16 Blackwall Eagle RS-A Tires	N/A	S
Bolt-On Wheel Covers	S	N/A
Aluminum Wheels	O	S
Driver- and Right-Front Passenger-Side Air Bags	S	S
4-Wheel Anti-Lock Brakes	S	S
60/40 Custom Cloth Seats	S	O
40/40 Custom Cloth Bucket Seats	O	S
40/40 Leather Seats	O	O
Air Conditioning with CFC-Free Refrigerant	S	S
Power Front Disc/Rear Drum Brakes	S	S
Sustained Illumination Interior Lighting	S	S
Power Windows with Driver's Express-Down Feature	S	S
Remote Keyless Entry System	O	S
Scotchgard™ Fabric Protector on Cloth Seats, Door Trim, Floor Carpeting and Floor Mats	S	S
Tilt-Wheel™ Adjustable Steering Column	S	S
Stainless-Steel Exhaust System	S	S
Side-Window Defoggers	S	S
Rear-Window Defogger	O	O
Power Door Locks	S	S
Power Trunk Opener	O	S
Intermittent Variable Wipers	S	S
Low-Oil-Level Light	S	S
PASS-Key II Theft-Deterrent System	S	S
Luggage-Area Cargo Net	O	S
Floor Mats, Carpeted, Front and Rear	S	S

S—Standard, O—Optional, N/A—Not available.

ADDITIONAL INFORMATION ON SIGNIFICANT FEATURES

- The new Monte Carlo features a truly world-class body structure for impressive rigidity, minimized squeaks and rattles and outstanding quiet.
- The 3100 V6 engine with SFI (L82), standard in Monte Carlo LS, boasts 20 more horsepower and less engine noise than its predecessor, the 3.1 Liter V6. Sequential-Port Fuel Injection (SFI) precisely matches fuel delivery to each cylinder's intake stroke for a smoother idle, lower emissions and better driveability. Additional features include a "High-Resolution" 24X ignition system, which allows finer calibration below 1200 rpm, a critical range for both driveability and emissions control. Roller valve lifters reduce valve train friction, contributing to the 3100 V6's impressive fuel economy.
- Monte Carlo Z34's 3.4 Liter 210-hp DOHC 24-valve V6 is a highly sophisticated powerplant with Sequential-Port Fuel Injection. Dual overhead camshafts activate four valves per cylinder for impressive driveability, performance and emissions control. It is teamed with a four-speed electronic automatic transmission for virtually seamless shifting.

MONTE CARLO

REVISED: 4-10-95

1995 ORDER GUIDE

MONTE CARLO
Page 1

Prices Shown Are Manufacturer's Suggested Retail Prices (MSRP) At The Time Of Publication. These Prices Are To Be Used Only As An Aid To Inventory Management Since MSRP Figures Change Periodically. The Vehicle Price Schedule Is The Official Pricing Documentation Of Chevrolet Motor Division And Should Be Used In Discussing Vehicle Prices With Potential Buyers. The Model Prices Shown In The Order Guide Include The Destination Freight Charges.

MONTE CARLO EQUIPMENT SUMMARY

1WW27 1WX27

STANDARD INTERIOR FEATURES

AIR CONDITIONING:		S	S
CARGO NET:		--	S
CUPHOLDER:	INSTRUMENT PANEL (60/40 SPLIT SEAT ONLY)	S	S
GAGES:	TACHOMETER AND TRIP ODOMETER	S	S
GLASS:	TINTED	S	S
KEYLESS ENTRY:	REMOTE	--	S
LIGHTING:	AUXILIARY	S	S
	INTERIOR, SUSTAINED ILLUMINATION	S	S
LOCKS:	POWER	S	S
PASS KEY:	THEFT DETERRENT SYSTEM	S	S
RESTRAINT			
SYSTEM:	DRIVER AND PASSENGER SIDE AIR BAGS	S	S
SCOTCHGARD:	FABRIC PROTECTOR INCLUDES SEATS, DOOR TRIM AND FLOOR COVERING	S	S
SPEED CONTROL:	ELECTRIC	--	S
TRUNK OPENER:	POWER	--	S
WARNING LIGHT:	SENSOR-LOW OIL LEVEL	S	S
WINDOWS:	POWER WITH DRIVER'S SIDE EXPRESS DOWN	S	S

STANDARD EXTERIOR FEATURES

DOOR HANDLES:	BODY COLOR	S	S
PAINT:	BASE COAT/CLEAR COAT	S	S
TIRES:	P205/70R-15 BLACKWALL TOURING	S	--
	P225/60R-16 BLACKWALL	--	S
TRUNK DECOR:	DELUXE	S	S
WIPERS:	INTERMITTENT	S	S

STANDARD CHASSIS FEATURES

BRAKES:	4-WHEEL ANTI-LOCK FRONT DISC, REAR DRUM	S	S
ENGINE:	3.1 LITER V6 SFI	S	--
	3.4L V6 SFI DOHC	--	S
EXHAUST SYSTEM:	STAINLESS STEEL	S	S
FUEL TANK:	17.1 GALLON CAPACITY	S	S
STABILIZER BAR:	FRONT AND REAR	S	S
SUSPENSION:	RIDE AND HANDLING	--	S
TAILPIPES:	DUAL	--	S
TRANSMISSION:	4-SPEED AUTOMATIC	S	S

**MONTE CARLO
TRIM DEFINITION & OPTION SUMMARY**

INTERIOR TRIM

1WW27 1WX27

FLOOR COVERING:	MATS, FRONT/REAR FLOOR, CARPETED, COLOR-KEYED	S	S
MIRRORS:	VISOR, LH AND RH LIGHTED	S	S
RADIO:	ELECTRONICALLY TUNED AM/FM STEREO RADIO W/SEEK-SCAN, STEREO CASSETTE TAPE, DIGITAL CLOCK AND EXTENDED FRONT AND REAR SPEAKERS	S	S
SEATS:	CUSTOM CLOTH 60/40 SEAT WITH CENTER STORAGE ARMREST WITH CUPHOLDER AND 4-WAY MANUAL DRIVER SEAT ADJUSTER AND SPLIT REAR FOLD DOWN SEAT	S	--
	CUSTOM CLOTH BUCKET WITH CONSOLE, 4-WAY MANUAL DRIVER SEAT ADJUSTER AND SPLIT REAR FOLD DOWN SEAT	--	S
STEERING WHEEL:	TILT WHEEL, ADJUSTABLE STEERING COLUMN	S	S

EXTERIOR TRIM

BUMPERS:	5-MPH	S	S
GRILLE:	BRIGHT CHROME	S	S
HORNS:	DUAL	S	S
MIRRORS:	DUAL BODY COLOR (LH REMOTE) TWIN REMOTE ELECTRIC	S	--
MOLDINGS:	BLACK CHROME AROUND LOWER BODY BODYSIDE	--	S
		S	S
WHEELS:	15" DELUXE BOLT-ON COVERS ALUMINUM	S	--
		--	S

MONTE CARLO LS COUPE

Model 1WW27 MONTE CARLO LS COUPE

* Includes Destination and Handling Charges

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

Base Preferred Equipment Group (Refer Standard Equipment Summary Page)	1SH	1SF
Preferred Equipment Group 1		
Cargo Retaining Net, Luggage Area		x
Mirrors: Twin Remote, Electric		x
Power Trunk Opener		x
Remote Keyless Entry		x
Speed Control: Electronic, with Resume Speed		x

ADDITIONAL OPTIONS

ACKNOWLEDGEMENTS		SEAT TRIM	
R8S	Multiple Order Numbers	AM6	Custom Cloth 60/40 (Base)
R8T	Preliminary Invoice	AR9	Custom Cloth Bucket
VK3	BRACKET: License Plate, Front	AR9	Leather Bucket
	CLIMATE CONTROL	WG1	SEAT: Power (Driver's Side Only)
	(Note: One of the Following	K34	SPEED CONTROL: Electronic with
	Defogger Options must be Specified)		Resume Speed (Incl w/1SF)
C49	Defogger, Rear Window: Electric	UV8	TELEPHONE: Cellular Provisions
R9W	Defogger, Rear Window not Desired		(Reqs Compatible Delco Telephone)
K05	Heater, Engine Block		(N/A AR9 Bucket Seat)
	EMISSION	CJ3	TEMPERATURE CONTROLS:
FE9	Federal Emission Requirement		Driver and Passenger
NG1	Massachusetts Emission Requirement	QNX	TIRES: P225/60 R16 B/W Touring
YF5	California Emission Requirement		Radial (Reqs 16" Aluminum Wheels)
NB8	California Emission Override (Reqs		(Replaces Base P205/70R Tire)
	FE9 Emissions)	MX0	TRANSMISSION: 4-Speed Automatic,
NC7	Federal Emission Override (Reqs		Electronic
	YF5/NG1 Emission)		WHEELS
L82	ENGINE: 3.1 Liter SFI V6 (Base)	PY0	16" Aluminum (Replaces
	RADIO EQUIPMENT:		Base 15" Deluxe Chrome Wheel
UK3	Radio Controls: Steering Wheel		Cover) (Reqs QNX Tires)
	(Incls Leather Wrapped Steering Wheel)		
	(Reqs UL0 or UN0 Radio)		
UL0	Electronically Tuned AM /FM Stereo		
	Radio w/Seek-Scan, Digital Clock,		
	w/Automatic Tone Control, Cassette		
	Tape, Theft Lock and Speed		
	Compensated Volume		
	(Includes Premium Front and Rear		
	Coaxial Speakers)		
UN0	Electronically Tuned AM/FM Stereo		
	Radio, w/Automatic Tone Control,		
	Compact Disc Player, Digital Clock,		
	Theft Lock and Speed Compensated		
	Volume (Includes Premium Front		
	and Rear Coaxial Speakers)		

MONTE CARLO LS COUPE

COLOR AND TRIM SELECTION

PLEASE NOTE: The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations that are Available.

Interior Trim Color	Med Gray	Graphite	Med Beige	Med Blue
---------------------	----------	----------	-----------	----------

MODEL	SEAT TYPE	SEAT OPT**				
1WW27	Custom Cloth 60/40	AM6	14D	12D	64D	30D
	* Custom Cloth Bucket	AR9	14D	12D	64D	30D
	* Leather Bucket	AR9		122	642	

* Includes Console

**Seat Option AM6 or AR9 Must Be Specified

SOLID PAINT APPLICATION

Exterior Paint Color	Color Code	Med Gray	Graphite	Med Beige	Med Blue
Black	41U	x	x	x	
Blue, Med Adriatic (Met)	30U	x	x		x
Green, Sherwood (Met)	19U	x	x	x	
Purple, Pearl (Met)	91U	x	x		
Red, Med Garnet (Met)	72U	x	x	x	
Red, Torch	70U	x	x	x	
Silver, Metallic	13U	x	x		x
White, Bright	16U	x	x	x	x

POWER TEAMS

ENGINE OPTION CONDITION	FINAL DRIVE RATIO
	3.33
L82 MX0	Std

REVISED: 4-10-95

1995 ORDER GUIDE

MONTE CARLO
Page 5

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MONTE CARLO Z34 COUPE

Model 1WX27 Monte Carlo Z34 Coupe

* Includes Destination and Handling Charges

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

Base Preferred Equipment Group 1SG (Refer Standard Equipment Summary)

ADDITIONAL OPTIONS

	ACKNOWLEDGEMENTS	
R8S	Multiple Order Numbers	WG1 SEAT: Power (Driver's Side Only)
R8T	Preliminary Invoice	SEAT TRIM
VK3	BRACKET: License Plate, Front	AM6 Custom Cloth 60/40
	CLIMATE CONTROL	AR9 Custom Cloth Bucket (Base)
	(Note: One of the Following	AR9 Leather Bucket
	Defogger Options must be	UV8 TELEPHONE: Cellular Provisions
	Specified)	(Reqs Compatible Deico Telephone)
C49	Defogger, Rear Window: Electric	(N/A AR9 Bucket Seat)
R9W	Defogger, Rear Window not Desired	CJ3 TEMPERATURE CONTROLS:
K05	Heater, Engine Block	Driver and Passenger
	EMISSION	MX0 TRANSMISSION: 4-Speed Automatic
FE9	Federal Emission Requirement	Electronic
NG1	Massachusetts Emission Requirement	16P WHEELS: White Aluminum (Reqs
YF5	California Emission Requirement	Color 16U White Paint) (Replaces
NB8	California Emission Override	Base Aluminum Wheel)
	(Reqs FE9 Emission)	
NC7	Federal Emission Override (Reqs	
	YF5/NG1 Emissions)	
LQ1	ENGINE: 3.4 Liter SFI V6 (Base)	
	RADIO EQUIPMENT	
UK3	Radio Controls: Steering Wheel	
	(Incls Leather Wrapped Steering	
	Wheel)(Reqs UL0 or UN0 Radio)	
UL0	Electronically Tuned AM /FM Stereo	
	Radio wSeek-Scan, Digital Clock,	
	w/Automatic Tone Control, Cassette	
	Tape, Theft Lock and Speed	
	Compensated Volume	
	(Includes Premium Front and Rear	
	Coaxial Speakers)	
UN0	Electronically Tuned AM/FM Stereo	
	Radio, w/Automatic Tone Control,	
	Compact Disc Player, Digital Clock,	
	Theft Lock and Speed Compensated	
	Volume (Includes Premium Front	
	and Rear Coaxial Speakers)	

MONTE CARLO Z34 COUPE

COLOR AND TRIM SELECTION

PLEASE NOTE: The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations that are Available.

Interior Trim Color	Med Gray	Graphite	Med Beige	Med Blue
---------------------	----------	----------	-----------	----------

MODEL	SEAT TYPE	SEAT OPT**				
1WX27	Custom Cloth 60/40	AM6	14D	12D	64D	30D
	* Custom Cloth Bucket	AR9	14D	12D	64D	30D
	* Leather Bucket	AR9		122	642	

*Includes Console

**Seat Opt AM6 or AR9 Must Be Specified

SOLID PAINT APPLICATION

Exterior Paint Color	Color Code	Med Gray	Graphite	Med Beige	Med Blue
Black	41U	x	x	x	
Blue, Med Adriatic (Met)	30U	x	x		x
Green, Sherwood (Met)	19U	x	x	x	
Red, Torch	70U	x	x	x	
White, Bright	16U	x	x	x	x

POWER TEAMS

ENGINE OPTION CONDITION	FINAL DRIVE RATIO
	3.43
WITH FE9 FEDERAL EMISSIONS	
LQ1 MX0	Std
WITH YF5 CALIFORNIA EMISSIONS	
LQ1 MX0	Std

NOTES

1995 Monte Carlo At a Glance

WHAT:

As one of Chevrolet's two all-new entries in the mid-size segment, Monte Carlo offers a unique combination of personal luxury, performance and value.

WHEN:

1995 Monte Carlo product launch schedule:

- Jan. 7, 1994: First public showings at Detroit and Los Angeles auto shows
- February 14, 1994: Monte Carlo production begins

WHERE:

The 1995 Monte Carlo is designed and built in North America for North American roads and driving conditions. Monte Carlo is manufactured at the General Motors assembly plant in Oshawa, Ontario.

WHY:

The 1995 Monte Carlo is one of the latest examples of Chevrolet's product renaissance. It's value you can always depend on in a smart, spirited, personal statement designed, engineered and built around the driver.

HOW:

The "Voice of the Customer" was an integral part of Monte Carlo's design process. More than 2000 people participated in product clinics, and 120 changes were made in response to input from consumers and dealer advisory groups.

Complete vehicles were assembled as part of a new "harmonious build" process, ensuring that thousands of individual components work together effectively. This allowed engineers to make quality improvements during the early stages of development.

Product Profile



The 1995 Monte Carlo line includes two models:

- Monte Carlo LS: Two-door coupe
- Monte Carlo Z34: Uplevel two-door coupe.

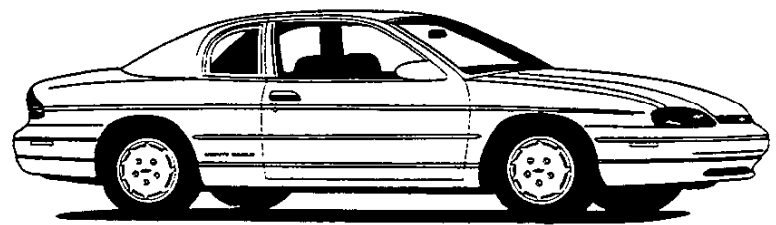
Models

The new Monte Carlo will pace the inaugural Brickyard 400 NASCAR Winston Cup stock car race at Indianapolis Motor Speedway on August 6, 1994. A limited number of pace car replicas will be sold to the public. Special features include:

- Monochrome white exterior
- Three-piece rear spoiler

- Special Brickyard 400 striping package
- Production 16" white five-spoke wheels
- Embroidered leather seating areas
- Delco CD system conveniently remote-mounted inside the trunk
- Instrument panel medallion.

**Monte Carlo
offers a
unique
combination
of personal
luxury,
performance
and value.**



Product Profile

"The Voice of the Customer"



The 1995 Monte Carlo was "designed from the inside out" to meet the needs of car

buyers in the nineties. It is the result of a new way of designing and building cars at General Motors — a process that is tied to the Voice of the Customer at every step.

The new Chevrolet listens carefully to its customers — and then responds to what they say. Key customer concerns include safety, comfort and convenience, styling, price and value. The Voice of the Customer is evident in every detail of Monte Carlo's design.

More than 2000 people participated in consumer clinics and focus groups — the most extensive pre-launch research

ever on a new Chevrolet product. Chevrolet dealers also had a hand in the evolution of the new models.

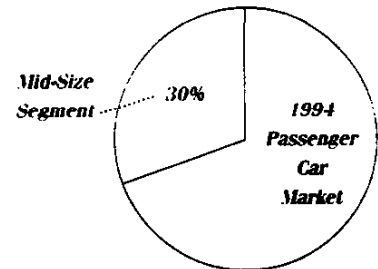
Some 120 changes were made as a result of input from customers and dealer advisory groups.

The Marketplace

Monte Carlo competes in the mid-size segment — the core of the automotive market and the fastest-growing segment in the passenger car industry. It will account for 30 percent of the U.S. passenger car market in 1994. It is projected to reach 40 percent by the end of the decade.

Monte Carlo competes against:

- Ford Thunderbird
- Mercury Cougar



Buyer Demographics

Monte Carlo LS and Z34



Median age is 37 years.



60% of LS buyers are expected to be female.



62% of buyers are expected to be married.



Average yearly income for Monte Carlo LS is expected to be \$50,000.



65% of Z34 buyers are expected to be male.



35% of buyers are expected to be college educated.

What's New For '95

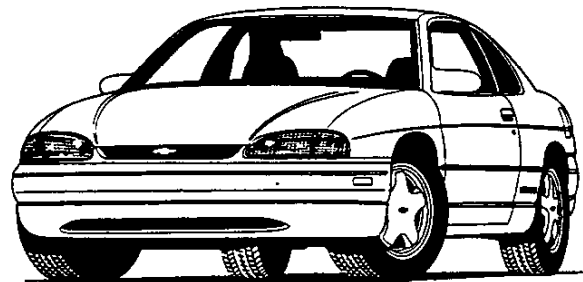
The new Monte Carlo offers a high level of equipment and amenities — at an affordable Chevrolet price. Features of the 1995 Monte Carlo include:

- All-new exterior design
- All-new interior styling
- Driver- and right-front passenger-side air bags (standard)
- PASS-Key II electronic theft-deterrent system (standard)
- Air conditioning (standard)
- Power door locks (standard)
- AM/FM stereo with cassette tape player (standard)
- Cup holders in instrument panel and/or console (standard)
- 4-wheel anti-lock brakes (standard)
- 3100 SFI V6 delivers 160 hp (standard on Monte Carlo LS)
- 3.4 Liter DOHC SFI V6 generates 210 hp (standard on Monte Carlo Z34)
- 4T60-E 4-speed electronic automatic transmission (standard)
- Four-wheel independent suspension (standard).

Major Features

	LS Coupe	Z34 Coupe
3100 SFI V6	S	N/A
3.4 Liter DOHC SFI V6	N/A	S
4-Speed Electronic Automatic Transmission	S	S
P205/70R-15 Blackwall Touring Tires	S	N/A
P225/60R-16 Blackwall Touring Tires	0	N/A
P225/60R-16 Blackwall Goodyear Eagle RS-A Performance Tires	N/A	S
Bolt-On Wheel Covers	S	N/A
Aluminum Wheels	0	S
Driver- and Right-Front Passenger -Side Air Bags	S	S
4-Wheel Anti-Lock Brakes	S	S
60/40 Split-Bench Cloth Seats	S	0
40/40 Cloth Bucket Seats	0	S
40/40 Leather Bucket Seats	0	0
Air Conditioning with CFC-Free R-134a Refrigerant	S	S
Split-folding rear seats	S	S
Power Front Disc/Rear Drum Brakes	S	S
Courtesy Interior Lights with Theatre Dimming	S	S
Power Windows with Driver's Express-Down Feature and Power Window Lockout	S	S
Remote Keyless Entry System	0	S
Scotchgard Fabric Protector on Cloth Seats, Door Trim, Floor Carpeting and Floor Mats	S	S
Tilt-Wheel Adjustable Steering Column	S	S
Stainless-Steel Exhaust System	S	S
Side-Window Defoggers	S	S
Rear-Window Defogger	0	0
Power Door Locks	S	S
Power Trunk Opener	0	S
Variable Intermittent Windshield Wipers	S	S
Low-Oil-Level Light	S	S
PASS-Key II Theft-Deterrent System	S	S
Luggage-Area Cargo Net	0	S
Floor Mats, Front and Rear, Color-Keyed	S	S

S - Standard. 0 - Optional. N/A - Not available.



The new Monte Carlo offers a high level of equipment and amenities — at an affordable Chevrolet price.

Safety



emphasizes crash avoidance and minimizes the consequences of unavoidable collisions.

The 1995 Monte Carlo provides a systematic approach to safety that

Crash Avoidance Features

Crash Avoidance Features

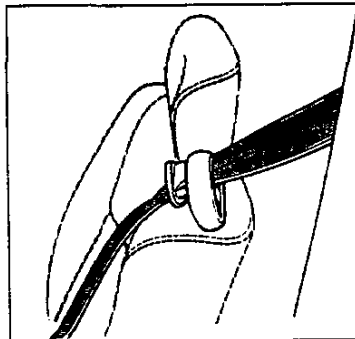
- Predictable, responsive handling provided by a rigid body structure and suspension tuning
- 4-wheel anti-lock brake system (standard) prevents wheel lockup during hard braking situations
- A new horn switch allows operation by pressing anywhere on the steering wheel hub pad covering the air bag
- "Wind tunnel-tested" body is designed to reduce susceptibility to crosswinds, improve fuel economy and reduce wind noise
- Excellent visibility (high seat position and low package shelf height)
- Brake/transmission shift interlock prevents the vehicle from being shifted out of Park without depressing the brake pedal.

Occupant Protection Features

Monte Carlo meets 1997 Federal side-impact standards.

- Driver- and right-front passenger-side air bags afford occupant protection when used in conjunction with safety belts
- Anti-submarine seat design provides added protection against occupants "submarining" under the instrument panel area in the event of a frontal collision

- Front and rear crush zones are designed to absorb energy in a crash by deforming in a controlled manner
- Standard power door locks
- Pivoting headrest-mounted shoulder safety belt guides



- Rear-seat safety belt child comfort guide permits children (and smaller adults) to comfortably wear the rear-seat shoulder safety belt by gently adjusting the belt away from the face and neck
- Adjustable upper guide loops for front-seat safety belts allow optimal adjustment for comfort and safety.

**Monte Carlo meets
1997 Federal side-impact
standards.**

Interior

Features

Monte Carlo has a **harmonious interior design** with the kind of details expected in more expensive automobiles.

Monte Carlo's **cockpit-style interior** gives the driver a satisfying feeling of personal space.

Interior Features:

- Large, easy-to-reach rotary controls
- Soft-feel knobs
- Highly readable round analog gauges
- Map lights
- Soft-touch, low-gloss paint to minimize glare
- Courtesy interior lights with the care dimming which slowly fades interior illumination instead of turning off abruptly
- Split-folding rear seat standard
- Tilt-wheel, Adjustable Steering Column standard — not an awkward column adjust like some imports
- Door handles are ergonomically designed to accommodate long fingernails

- Standard air conditioning with CFC-free R-134a refrigerant
- Rear-seat heater ducts
- Scotchgard Fabric Protector on cloth seats, door trim, floor carpeting and floor mats
- Power door locks standard
- Power windows with driver's Express-Down feature.
- Power window lock-out gives the driver complete control over window operation.
- Remote Keyless Entry System (standard on Monte Carlo Z34, optional on Monte Carlo LS)
- Variable intermittent windshield wipers
- Power six-way driver seat (optional)
- Power trunk opener (standard on Monte Carlo Z34, optional on Monte Carlo LS)
- Electronic speed control (standard on Monte Carlo Z34, optional on Monte Carlo LS)

- Four-spoke sport steering wheel
- Leather-wrapped sport steering wheel with audio system controls (available interim 1993).

Interior Quiet:

Extensive use of sound-deadening materials, structural improvements, precise body fits, and new sealing techniques make Monte Carlo quieter than the Lumina Coupe it replaces. Here's how GM engineers did it:

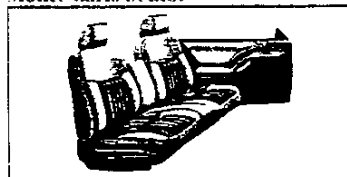
- Fiberglass headliner has excellent sound-absorbing qualities
- Sandwich steel construction (metal/plastic/metal) in key areas of the body and interior structure
- 5-mm side glass
- Noise control patches in critical areas.
- Tires specifically developed to minimize road noise
- Hydraulic torque-axis engine mounts use the engine's internal forces to help cancel vibration
- Anti-whistle radio antenna.

Seats

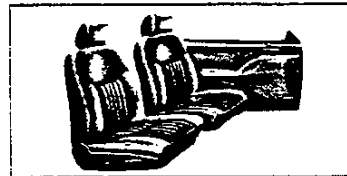
Monte Carlo's chair-high seats provide outstanding comfort and visibility. Standard four-way manual seat adjusters in both models ensure a comfortable seating position for a wide range of drivers — from 5th percentile females (5', 100 lbs.) to 95th percentile males (6'3", 200+ lbs.)

- Seat-back and seat cushion adjusters
- Short drivers get the correct leg room; tall drivers get proper head room.

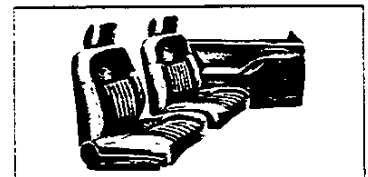
Monte Carlo seats:



- 60/40 split-bench cloth seats with center storage (standard on LS).



- 40/40 cloth front bucket seats with center storage console and cup holder (standard on Z34, optional on LS).



- 40/40 leather bucket seats (optional).

Interior colors:

- Beige
- Medium Blue
- Graphite
- Medium Gray

Interior

- AM/FM stereo with cassette tape player (standard)
- AM/FM stereo with cassette tape player and auto tone (optional)
- AM/FM stereo with compact disc player and TheftLock security feature (optional).

Comfort and Convenience

GM engineers incorporated many thoughtful touches that will surprise and delight Monte Carlo owners:

- Storage armrest with cup holder that will accommodate cups of various sizes
- A real glove box — with room for more than a pair of gloves



Audio Systems

Uplevel Cassette Tape Player and CD Player features:

- Speed-Compensated Volume control (SCV) automatically adjusts volume as speed increases to compensate for outside noise

- Auto tone select sets equalizer levels with one touch for talk and music programs.

Features

- Map pockets in both front doors
- Radio and heater/AC controls that are easy to reach and can be operated with gloved hands
- A new horn switch allows operation by pressing anywhere on the steering-wheel hub pad covering the air bag
- Interior theatre dimming starts out bright, then gradually dims
- Upholstery in uplevel interiors has refined "French seams" that provide a clean, contemporary appearance

- Individual climate control for driver and front passenger (available interim model year)
- Speed-Compensated Volume control (SCV) on optional radios automatically adjusts the volume as speed increases to compensate for increased road noise
- A ball in the fuel-filler neck tube prevents splash-back when the gas tank is being filled
- A gas tank cap holder is standard.

Exterior

- Extensive corrosion protection including the use of two-side-galvanized steel for all exterior body panels (except the roof, where it is not needed). The galvanized zinc coating prevents surface rust due to minor chips and scratches and helps prevent holes that start on the inside. That's double coverage.

Paint

- Anti-chip coating on lower panels
- Body-color fascias
- Base-coat over color-keyed primer/surfacer with etch-resistant clearcoat provides a shimmering "wet look" that maintains its appearance.

Exterior colors:

- Medium Adriatic Blue Metallic
- Sherwood Green Metallic
- Medium Garnet Red Metallic
- Purple Pearl Metallic
- Bright White
- Torch Red
- Black.

GM engineers incorporated many thoughtful touches that will surprise and delight Monte Carlo owners.

Technology



that considers each component as a harmonious, integral part of the entire

The 1995 Monte Carlo is the product of GM's new "functional build" process

that considers each component as a harmonious, integral part of the entire

Design and Manufacturing

car. This philosophy emphasizes how the parts fit together and work together.

The new Monte Carlo is built in less time with significantly fewer parts in a more flexible and synchronous assembly plant. The result: lower cost, higher quality.

Costs were reduced by using common parts. For example, 148 kinds of nuts and bolts specified for previous models were eliminated. Doors for Monte Carlo are produced in the same tooling cell that requires only one-quarter the space of the previous design — and each door has fewer parts than prior models.

Body Structure



the structure of previous models and represents a significant step toward the design and manufacture of future GM vehicles.

- **Aerodynamic, contemporary styling.** Monte Carlo's aggressive profile cuts through the wind, and its large, flush-mounted front and rear glass provides excellent visibility.

Monte Carlo utilizes a new hybrid architecture that is a leap forward from

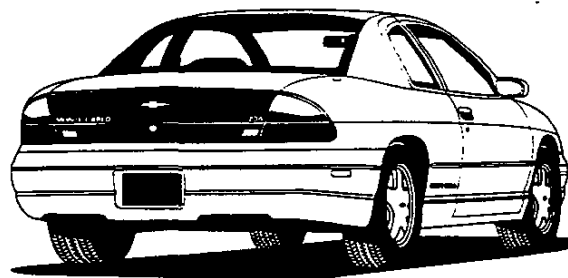
- A generous 17.1-gallon fuel tank capacity extends Monte Carlo's cruising range between fill-ups

- Five lateral cross members provide structural support and rigidity not found in comparable vehicles

- Two-side galvanized or galneal steel is used for all body panels (except the roof, where it is not needed)

- Monte Carlo has a world-class body structure (21+ Hz range). This solid SuperStructure minimizes squeaks and rattles, and contributes to Monte Carlo's incredibly quiet interior

- A hydro-formed cross car beam is the backbone of Monte Carlo's instrument panel. It adds rigidity, reduces squeaks and rattles, and helps keep the dual air bags aligned.





A 3100 SFI V6 is standard in Monte Carlo 1S. This 3.1 Liter, 60-degree V6 produces

160 hp. It has 20 more horsepower, better fuel economy and less engine noise than its predecessor, 3.1 Liter V6 (L110). The 3100 V6 Produces:

- 160 horse-power at 5200 rpm
- 185 lbs. ft. of torque at 4000 rpm

The goals of the 3100 V6 engine program were to improve specific output, fuel efficiency, idle stability, quality, and durability — while simultaneously reducing emissions, noise and mass. A coordinated package of components was developed to achieve these objectives.

- **Sequential-Port Fuel Injection (SFI)** precisely matches fuel delivery to each cylinder's intake stroke for a smoother idle, lower emissions and better driveability

- **"High-resolution" 24v ignition system** allows finer calibration below 1200 rpm, a critical range for both driveability and emissions control

- **Roller lifters** reduce valvetrain friction compared to flat lifters, contributing to the 3100 V6's improved fuel economy

- **An assembled steel camshaft** is made up of individual lobes and journals that are permanently locked onto a hollow tube. This helps provide increased strength and precise tolerances for improved durability and longevity

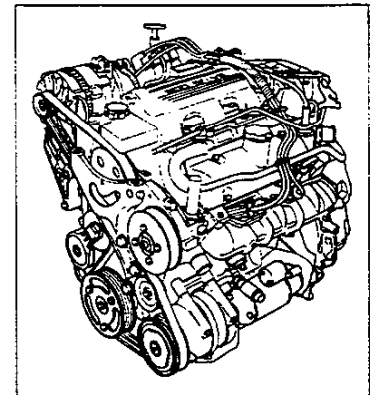
- **A structural oil pan** adds strength and reduces noise. The die-cast aluminum pan is "cross-bolted" in the main bearing caps, similar to a racing engine, to spread load stress that causes deformation of the metal that would result in oil leaks

- **Composite rocker covers** decrease valvetrain noise

- **Precision assembly** includes double-polished crankshaft journals that reduce wear and extend engine life

- **A stainless-steel exhaust system** resists corrosion

- **Low-oil-level sensing/warning system** alerts the driver to check the oil level when the oil runs low instead of when the crankcase is virtually empty and engine damage is imminent



The goals of the 3100 V6 engine program were to improve specific output, fuel efficiency, idle stability, quality, and durability — while simultaneously reducing mass.

3.4 Liter DOHC SFI V6 Engine (LQ1)



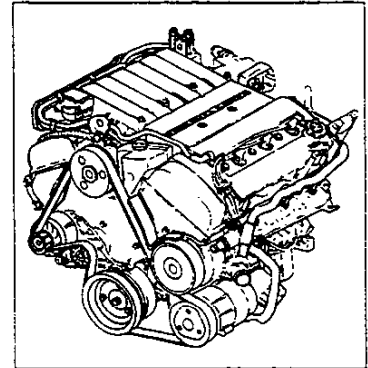
A 3.4 Liter DOHC SFI V6 is standard in Monte Carlo Z34. This sophisticated

210 hp, 24-valve engine is powerful, affordable and fuel-efficient. The 3.4 Liter DOHC SFI V6 produces:

- 210 horsepower at 5200 rpm
- 215 lbs. ft. of torque at 4000 rpm

Technical features of the 3.4 Liter DOHC SFI V6 include:

- **Four-valve, DOHC design** for improved airflow and efficient high-rpm operation
- **Sequential-Port Fuel Injection (SFI)** optimizes combustion by precisely matching fuel delivery to each cylinder's intake stroke, producing a smoother idle, lower emissions and better driveability
- **Mass airflow sensor (MAF)** provides accurate information on the amount of air entering the engine, which the Powertrain Control Module uses to determine the fuel requirement
- **Aluminum cylinder heads** with pent-roof combustion chambers and centrally located spark plugs for complete combustion
- **Tuned intake plenum** with integral throttle body eliminates unnecessary fasteners and gaskets
- **Maintenance-free primary cam drive** for reduced operating expense and improved reliability
- **Stainless-steel dual exhaust system** with styled outlets resists corrosion
- **Low-oil-level sensing/warning system** alerts the driver to check the oil level when the oil runs low instead of when the crankcase is virtually empty and engine damage is imminent
- **Dual internal fan generator (DIF-130)** provides increased electrical output capability and decreased noise
- **Heated oxygen sensor** provides for quicker emissions control at start up



Low-oil-level sensing/warning system alerts the driver to check the oil level when the oil runs low instead of when the crankcase is virtually empty and engine damage is imminent.

Technology



The 4T60-E 4-speed electronic automatic transmission is standard in

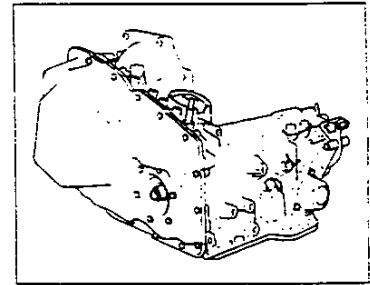
1995 Monte Carlo models. The Hydraulic 4T60-E's "intelligent" electronic controls allow the transmission to match the engine's performance.

This system interacts with engine controls through the Powertrain Control Module (PCM). The electronic controls modulate the torque converter clutch to produce a virtually imperceptible engagement. The 4T60-E also senses and adapts to altitude, barometric pressure and engine load changes.

4-Speed Electronic Automatic Transmission

Other advanced features include:

- A **temperature sensor** that allows the 4T60-E to compensate for severe operating conditions such as trailer towing and climbing steep grades
- A **low-friction rocker link chain design** for improved fuel economy, added strength and enhanced wear resistance
- A **special third clutch** with a relocated shaft bearing for reduced vibration
- A **premium gearset package** with double-honed pinion gears and large-diameter needle bearings for improved durability. The oil pump has a tapered rotor and new inlet porting to improve oil flow



- A **cast-aluminum side cover** increases structural rigidity, reduces noise and vibration, provides superior sealing, and improved heat dissipation.

Suspension

The 1995 Monte Carlo features **four-wheel independent suspension** that provides a comfortable ride and responsive, predictable handling. The suspension is tuned to take advantage of the tight, solid body structure.

- **MacPherson Struts** with specially tuned deflected disc shock valving at all four corners

- **New rear coil-over strut design** with tri-link suspension. Variable-rate coil springs provide a smooth, comfortable ride regardless of load
- **Front and rear stabilizer bars** are standard on all models to reduce body lean through the curves

- A **Soft-Ride FE1 Suspension** is standard on Monte Carlo LS
- A **Sport-tuned Firm-Ride F41 Suspension** is standard on Monte Carlo Z34.

Steering

Power rack-and-pinion steering is standard on the 1995 Monte Carlo (16.1:1 ratio).



Technology

Brakes



Power-assisted front disc/rear drum brakes, combined with GM's award-

winning ABS VI anti-lock brake system, are standard on all Monte Carlo models.

- ABS VI can adjust brake pressure by pumping the brakes at a rate even most skilled, professional drivers cannot attain.

- ABS VI helps prevent wheel lockup during braking, and is designed to help the driver maintain steering control during hard braking situations and hazardous driving conditions.

- ABS VI was named "Technology of the Year" by *Automobile Magazine*, which called it the "best standard feature money can buy." (1992) *Popular Science* gave it its Grand Award — the magazine's top honor in the "Best of What's New" competition in 1992.

- ABS VI uses three small electric motors to continuously modulate displacement pistons that control the brake line pressure at the wheels. Drivers should not "pump the brakes" in emergency driving situations. Rather, they should maintain constant pressure on the brake pedal to allow the system to work effectively.

Wheels and Tires

Tires were designed to minimize road noise.



- **Standard Monte Carlo LS:** 15"x6" steel wheels with bolt-on covers and P205/70R-15 Michelin tires.



- **Optional Monte Carlo LS:** 16"x6.5" aluminum wheels and P225/60R-16 Goodyear Touring tires.



- **Standard Monte Carlo Z34:** 16"x6.5" aluminum wheels and P225/60R-16 Goodyear Eagle RS-A performance tires.

Genuine Customer Care

Chevrolet owners are covered by Genuine Customer Care, a comprehensive owner-protection plan that includes the following:



Bumper to Bumper Warranty.

The GM 3-year/36,000-mile (which ever comes first) limited warranty covers repairs for all Chevrolet cars and trucks, including labor and parts, to correct any defects in material or workmanship occurring during the warranty period. Warranty features include air conditioning repair, towing, no-cost warranty transfer, 6-year/100,000-mile (whichever comes

first) sheet-metal rust-through protection and 5-year/50,000-mile (whichever comes first) emissions control system coverage. Items not covered by the warranty include tires (which are covered by the manufacturer) and normal maintenance.



Courtesy Transportation.

Customers who purchase or lease a Chevrolet car or truck will be able to take advantage of Courtesy Transportation at no additional charge when their vehicles are left at a participating dealership for repairs covered under the 3-year/36,000-mile New Vehicle Limited Warranty.



24-Hour Roadside Assistance.

For as long as a person owns a Chevrolet car or truck the security and convenience of round-the-clock Roadside Assistance is available via a toll-free hot line (1-800-CHEV-USA). Calls are answered by a Roadside Assistance phone advisor trained by Chevrolet who puts the callers in contact with a nearby service center, offers assistance with towing or arranges other helpful services.

Background

Introduced September 1969 as 1970 model.

- 1970 — 454 ci/360 hp SS 454 introduced
- 1972 — SS 454 discontinued.



1972 Monte Carlo

Product Milestones (by model year)

- 1973 — Second-generation Monte Carlo debuts: "S" and "Landau" option packages added, opera windows make first appearance; 5-mph bumper
- 1976 — Restyled front end with stacked quad headlights; 454 ci V8 discontinued
- 1978 — Down-sized third-generation Monte Carlo introduced; first V6 available
- 1980 — Turbocharged 3.3 Liter/170 hp V6 introduced
- 1981 — New exterior design; Computer Command Control introduced
- 1982 — Diesel V6 and V8 debut. Turbo V6 and Landau discontinued
- 1983 — Monte Carlo SS introduced
- 1986 — Monte Carlo SS Aero Coupe and Luxury Sport models debut
- 1988 — Monte Carlo discontinued mid-year
- 1995 — Fourth-generation Monte Carlo introduced.

Monte Carlo History

Chevrolet went to great lengths to create a personal luxury car in 1970. Based on the Chevelle chassis, the original Monte Carlo's hood stretched an incredible six feet in length — an expanse of stamped steel that gave new meaning to the phrase "long hood/short deck" styling.

In the apogee of the muscle car era, the engines were as big as the hoods. Monte Carlo SS 454 packed 360 horsepower and enough torque to move mountains. With a 116-inch wheelbase and 3460 pounds of road-hugging weight, the first-generation Monte Carlo was a serious driving machine for the seventies.

The exterior styling was simple and classic. Single headlights, a semi-fastback roof line and optional fender skirts gave Monte Carlo an understated, patrician appearance. An imitation-burled-walnut instrument panel may not have been everyone's idea of class, but the treatment effectively disguised the dashboard's Chevelle origins.

The times, they were a-changin' — and so was Monte Carlo. By 1972, the SS 454 was missing in action, although a big-block V8 continued to appear on Monte Carlo's option list through 1975.

The Monte Carlo underwent the first of its periodic makeovers in 1973. Gone was the understated styling of the first-generation models. In its place, the redesigned 1973 Monte Carlo had voluptuously sculptured fenders, 5-mph bumpers and opera windows.

However, there was substance under the extravagant sheet metal, however. With a sport-tuned chassis, front and rear

stabilizer bars and radial tires, Monte Carlo had a legitimate claim to being a "driver's car." Monte Carlo's weight was up (to 3700 pounds), and so were its sales figures. Production skyrocketed from 186,171 units in 1972 to 246,533 in 1973.

By 1976, the big-block engine was history, but Monte Carlo was on a roll. New styling highlighted by stacked quad headlights propelled Chevy's personal coupe to more than 350,000 sales in the bicentennial year. In 1977, two versions were offered: an "S" sport coupe and a "Landau" trim package. At 3907 pounds, Monte Carlo was literally and figuratively a heavyweight in the market.

In 1978 Monte Carlo shed 800 pounds of weight, eight inches of wheelbase and its opera windows. The downsized third-generation Monte Carlo retained the marque's sculptured styling, but introduced something new under its shortened hood: a 231 ci V6 engine. Two years later, a turbocharged V6 (exclusive to Monte Carlo in the Chevrolet family) joined the powertrain lineup.

Newsheet metal in 1981 marked a return to the understated styling of the original Monte Carlo. Buyers responded to the clean new look, and sales rebounded. A sign of the times: Two diesel engines were available in 1982 — a 262 ci/85 hp V6 and a 350 ci/105 hp V8.

Monte Carlo reached a milestone in 1983 with the reintroduction of the SS. Designed specifically to give Chevrolet NASCAR stock car teams an edge on the competition, the resurrected SS's aerodynamic front fascia reduced drag on the racetrack and turned

Background Monte Carlo History

heads on the street. Color choices were limited to Blue and White, and the only engine offered was a 305 ci/175 hp small-block V8.

Chevrolet raised the ante in NASCAR in 1986 with the introduction of the Monte Carlo SS Aero Coupe. This time, Chevy engineers turned their attention to the back half of the body and came up with a sloping rear backlight. This new glass "semi-fastback" delivered Chevy's fourth straight NASCAR manufacturer's championship. Car collectors quickly garnered the initial production run of 200 Aero Coupes.

While the SS appealed to performance enthusiasts, a new Luxury Sport model addressed Monte Carlo's more traditional buyers in 1986. The LS version's composite headlights and a formal notchback rear window emphasized Monte Carlo's split personality in the late 80s.

Monte Carlo's 19-year production run ended in mid-1988 when the front-wheel-drive Lumina Coupe replaced the rear-wheel-drive platform in Chevrolet's product line.

Chevy stock car racers didn't waste any time putting the Lumina in the NASCAR winner's circle. Darrell Waltrip scored the Lumina's first Winston Cup win at Charlotte Motor Speedway on Memorial Day weekend in 1989 in only his second outing with sleek Lumina sheet metal. The Lumina continued Chevy's domination of the NASCAR manufacturer's championship: The Bowtie Brigade won nine straight titles from 1983 to 1991.

Monte Carlo traveled a long and winding road from 1970 to 1988. Yet, two things never changed: Monte Carlo always had two doors and unmistakable flair.

Motorsports

- Chevrolet Monte Carlo and Lumina Coupe won the NASCAR manufacturer's championship ten times in the last 11 years (1983-1991, and 1993).

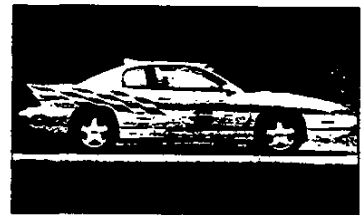
- Monte Carlo and Lumina have won championships in the NASCAR Busch Grand National Winston West, ARCA, and ASA stock car series.

- The Monte Carlo SS won 95 of 183 NASCAR Winston Cup events (52% winning average) from the start of the 1983 season through the eighth event in 1989.

- Winning Monte Carlo SS NASCAR Winston Cup drivers include:

Dale Earnhardt	26 wins
Darrell Waltrip	25 wins
Tim Richmond	9 wins
Geoff Bodine	6 wins
Harry Gant	6 wins
Terry Labonte	6 wins
Cale Yarborough	6 wins
Neil Bonnett	5 wins
Ricky Rudd	2 wins
Bobby Allison	1 win
Benny Parsons	1 win
Greg Sacks	1 win
Ken Schrader	1 win

- The 1995 Chevrolet Monte Carlo is scheduled to make its competition debut at the 1995 Daytona 500.



The Chevrolet Monte Carlo Brickyard 400 Pace Car will see duty at the first-ever Brickyard 400 NASCAR Winston Cup race next August in Indianapolis.

Monte Carlo traveled a long and winding road from 1970 to 1988. Yet, two things never changed: Monte Carlo always had two doors and unmistakable flair.

Important: A word about this document:

We have tried to make this document as comprehensive and factual as possible. We reserve the right, however, to make changes at any time, without notice, in colors, materials, equipment, specifications, models and availability. Some information may have been updated since the time of printing, June 10, 1994.

A note about air bags:

Always wear safety belts, even with air bags.

General Motors, GM, the GM Emblem, Monte Carlo, Chevrolet and the Chevrolet Emblem are registered trademarks and Chevy is a trademark of the General Motors Corporation. Scotchgard is a trademark of the 3M Corp. PASS Key is a registered trademark of the Delco Electronics Corporation.



Specification Charts

1995 Chevrolet Monte Carlo

Model Availability	
Monte Carlo LS	2-Door Coupe
Monte Carlo Z34	2-Door Coupe
EPA Vehicle Class	Mid-Size
Assembly	Oshawa, Ontario

Engine		
Model	LS	Z34
Type	3100 SFI V6	3.4 Liter SFI DOHC V6
Block	Cast Iron	Cast Iron
Cylinder Head	Cast Aluminum	Cast Aluminum
Hydraulic Lifters	Yes/Roller	Yes
Bore x Stroke (in.) (mm)	3.51 x 3.31 89 x 84	3.62 x 3.31 92 x 84
Cam Drive	Chain	Belt/Chain
Redline (rpm)	6000	7000
Displacement (Liters/CID)	3.1/191	3.4/207
Comp. Ratio	9.6:1	9.25:1
Fuel Induction	SFI	SFI
Horsepower @ engine rpm	160 @ 5200	210 @ 5200
Torque (lbs.-ft.) @ engine rpm	185 @ 4000	215 @ 4000
Rec. Fuel (Unleaded)	87 Octane	87 Octane

Capacities		
Engine Oil (qts.)	4.0	5.0
Engine Coolant (qts.)	12.2	12.35

Drivetrain		
Transmission	4-Speed Elec. Auto. w/O.D.	
Type	FWD	
Layout	Transverse	
Gear Ratios:		
1st	2.92	
2nd	1.57	
3rd	1.00	
4th	0.70	
Reverse	2.38	

Effective Final Drive Ratio:		
Monte Carlo LS	3.33	
Monte Carlo Z34	3.43	

Preliminary Mileage/Performance		
Type	3100 SFI V6	3.4 Liter SFI DOHC V6
Mileage:		
City	19	17
Highway	29	26
Combined	22	20
Est. Cruising Range:		
City	325	291
Highway	496	445
Combined	376	342

Preliminary Mileage/Performance (continued)

Est. Horsepower to Vehicle Weight Ratio:	
Monte Carlo LS	1-to-20.7 lbs.
Monte Carlo Z34	1-to-16.4 lbs.
Est. Torque (lbs.-ft.) to Vehicle Weight Ratio:	
Monte Carlo LS	1-to-17.9 lbs.
Monte Carlo Z34	1-to-16.0 lbs.

Chassis	
Structure/Frame	Unitized Body Frame
Body Material	Steel
Suspension	
Type	Four-Wheel Independent MacPherson Strut with Coil Spring and Stabilizer Bar

Steering	
Type	Power Rack-and-Pinion
Ratio (overall)	16.1:1
Turns stop-to-stop	2.60/2.26
Turning Diameter (ft.):	
Curb-to-Curb	36.7
Wall-to-Wall	42.4

Brakes		
Type	Power Assisted Front Vented Disc/Rear Drum 4-Wheel Anti-Lock Brakes	

Measurements (sq. in.)	Front	Rear
Gross Lining	26.0	60.4
Total Swept Area	169.1	197.2

Wheels and Tires	
Monte Carlo LS:	
Wheel Type/Size	Steel/15" x 6.0"
Tire Type	All-season Steel-Belted Radial-Ply Blackwalls
Tire Size	P205/70R-15
Spare Size	T125/70D-15

Monte Carlo Z34:	
Wheel Type/Size	Aluminum/16" x 6.5"
Tire Type	All-Season Steel-Belted Radial-Ply Blackwalls
Tire Size	P225/60R-16
Spare Size	T125/70D-15

What's New for 1995	
New Standard Equipment:	
All-New Exterior and Interior Design	
Anti-Lock Brakes	
Air Bags, Driver and Front Passenger	
PASS-Key II™ Theft-Deterrent System	
Air Conditioning	
Power Door Locks	
3100 SFI V6 (standard on LS)	
3.4 Liter DOHC V6 (standard on Z34)	
4-Speed Electronic Automatic Transmission w/O.D.	
Four-Wheel Independent Suspension	

Specification Charts

1995 Chevrolet Monte Carlo

Standard Equipment	
Standard Monte Carlo LS Exterior Features:	
Antenna	"Anti-Whistle" Radio Antenna
Brakes	Power Front Disc/Rear Drum 4-Wheel Anti-Lock Brakes
Bumpers	5-mpn Impact-Absorbing
Engine	3100 SFI V6
Exhaust System	Stainless Steel
Mirrors	Dual Body Color Sport (LH remote)
Molding	Body-Side
Steering	Power Rack-and-Pinion
Suspension	Four-Wheel Independent "Soft Ride" Suspension
Theft-Deterrent System	PASS-Key™ II
Tires	P205/70R-15 Blackwalls
Transmission	4-Speed Elec. Auto. w/O.D.
Wheels	15" x 6.0" Steel
Standard Monte Carlo LS Interior Features:	
Air Bags	Driver and Front Passenger
Defoggers	Side Window
Door Locks	Power
Fabric	Scotchgard™ Fabric Protector on all Interior Fabrics
Floor Mats	Carpeted, Front and Rear
Gauges	Highly Readable Round Analog Gauges with Trip Odometer and Tachometer
Heat Ducts	Rear seat
Horn	Operates from Anywhere on the Steering Wheel Hub
Light	Courtesy Lighting with Theatre Dimming
Lights	Map
Mirrors	Driver- and Passenger-Side Lighted Visor Vanity
Radio	Electronically Tuned AM/FM Stereo with Seek-Scan, Digital Clock and Cassette Tape Player
Restraints	Dual Air Bags and 3-Point Safety Belts
Safety Belts	Front, Adjustable Upper Guide Loops
Safety Belts	Rear-Seat Child Comfort Guide
Seats	Custom Cloth 60/40 Split-Bench Seats with Storage Armrest That Includes Cup Holder
Seat	4-Way Manual Driver-Seat Adjuster
Seat	Split Fold-Down Rear
Steering Column	Tilt-Wheel™ Adjustable
Storage	Extra-Large Glove Box and Front Door Map pockets
Wipers	Windshield, Variable Intermittent

Standard Equipment (continued)	
Additional Monte Carlo Z34 Exterior Features:	
Engine	3.4 Liter DOHC SFI V6
Mirrors	Twin Remote Electric
Suspension	4-Wheel Independent "Firm Ride" Sport-Tuned Suspension
Tires	P225/60R-16 Blackwalls
Wheels	16" x 6.5" Aluminum
Additional Monte Carlo Z34 Interior Features:	
Entry	Remote Keyless
Luggage	Area Cargo Net
Seat	4-Way Manual Driver Seat Adjuster
Speed Control	Electric
Trunk	Power Opener
Exterior Colors	
Bright White	Purple Pearl*
Medium Adriatic Blue*	Black
Sherwood Green*	Bright Silver**
Medium Garnet Red*	Torch Red

* Metallic Paint — Not Available on Z34

Dimensions (inches unless otherwise noted)	
Length	200.7
Width	72.5
Height	53.8
Wheelbase	107.5
Front Tread	59.5
Rear Tread	59.0
Min. Run. Ground Clearance	6.2
Front Overhang	46.1
Rear Overhang	47.1
Interior Front:	
Leg Room	42.4
Head Room	37.9
Shoulder Room	57.5
Hip Room	53.4
Interior Rear:	
Leg Room	34.9
Head Room	36.9
Shoulder Room	57.6
Hip Room	51.6
Passengers:	
Front	3/2 (w/optional bucket seats)
Rear	3
Volume (cu. ft.):	
Passenger Index	96.1
Cargo Index	15.7
EPA Interior Index	111.8
Fuel Tank (gal.)	17.1
Est. Curb Weight (lbs.):	
Monte Carlo LS	3306
Monte Carlo Z34	3436

All specifications are preliminary and subject to change.

Chevrolet Motor Division June 10, 1994.

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1995

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Vehicle Line MONTE CARLO	
Mailing Address 30007 VAN DYKE WARREN, MI 48090-9065	Issued JUNE, 1994	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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

AAMA

American Automobile Manufacturers Association

Blank Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

1	Vehicle Models/Origin	∅ Indicates Format Change From Previous Year
2	Power Teams	
3	Engine	
4	Lubrication System	
4	Diesel Information	
5	Cooling System	
6	Fuel System	
7	Vehicle Emission Control	
∅ 7	Exhaust System	
∅ 8-10	Transmission, Axles and Shafts	
11	Suspension	
12-13	Brakes, Tires and Wheels	
14	Steering	
15-16	Electrical	
∅ 17	Body - Miscellaneous Information	
17	Frame	
18	Restraint System	
18	Glass	
18	Headlamps	
19	Climate Control System	
20-21	Convenience Equipment	
21	Trailer Towing	
22-24	Vehicle Dimensions	
25	Vehicle Fiducial Marks	
26	Vehicle Mass (weight)	
27	Optional Equipment Differential Mass (Weight)	
28-34	Vehicle Dimensions Definitions - Key Sheets	
35	Index	

NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or inc 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 MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

		A	B	C	D	
ENGINE	Engine Code	L82	LQ1			
	Displacement Liters (in ³)	3.1 (191)	3.4 (207)			
	Induction system (Fi, Carb, etc.)	Sequential Fuel Injection	Sequential Fuel Injection			
	Compression ratio	9.6:1	9.25:1			
	SAE Net at RPM	Power kW (bhp)	119 (160) @ 5200	157 (210) @ 5200		
		Torque N • m (lb. ft.)	251 (185) @ 4000	291 (215) @ 4000		
	Exhaust single dual	Single	Dual			
TRANS	Transmission/ Transaxle	M13 Auto Transaxle 4-Speed	M13 Auto Transaxle 4-Speed			
	Effective Final Drive / Axle Ratio (std. first)	3.33	3.43			

Series Availability

Power Teams (A - B - C - D)

Model	Code	Standard	Optional
MONTE CARLO LS			
2-Dr. Notchback Coupe	1WW27	A	-
MONTE CARLO Z34			
2-Dr. Notchback Coupe	1WX27	B	-

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	G.M., Midsize Car Division
Where built (country)	Canada
Authorized U.S. sales marketing representative	Chevrolet Motor Division

Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD)*	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front / Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/High)
MONTE CARLO LS 2-Door Notchback Coupe (FWD)	6/94	1WW27	6 (3/3) 5 (2/3) Opt.		
MONTE CARLO Z34 2-Door Notchback Coupe (FWD)	6/94	1WX27	5 (2/3)		

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

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description 3.1 LITER V6 (191 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO L82

Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	60 Degree V Transverse OHV Front-Wheel-Drive	
Manufacturer	General Motors Powertrain Division	
No. of cylinders	6	
Bore	89.0 mm (3.503 in.)	
Stroke	84.01 mm (3.307 in.)	
Bore Spacing (C/L to C/L)	111.76 mm (4.4 in.)	
Cylinder block material & mass kg. (lbs.) (machined)	Cast Iron, 51.3 kg. (113.0 lbs.)	
Cylinder block deck height	224.0 mm (9.0 in.)	
Cylinder block length	435.5 mm (17.4 in.)	
Deck clearance (minimum) (above or below block)	.58 Above TDC	
Cylinder head material & mass kg. (lbs.)	Cast Aluminum, 11.2 kg. (24.7 lbs.)	
Cylinder head volume cm ³ (inches ³)	28 (1.71)	
Cylinder liner material	None	
Head gasket thickness (compressed)	1.62 (1.0637)	
Minimum combustion chamber total volume cm ³ (inches ³)	27 (1.65)	
Cyl. no. system (front to rear)*	L. Bank	2-4-6
	R. Bank	1-3-5
Firing order	1-2-3-4-5-6	
Intake manifold material & mass kg. (lbs.)**	Cast Aluminum, 3.0 (6.6) - Upper; 5.6 (12.3) - Lower	
Exhaust manifold material & mass kg. (lbs.)**	Cast Iron, Rt: 3.76 (8.28); Lt: 2.63 (5.79)	
Knock sensor (number & location)	1, Left Side Center of Block	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) ÷ 2	87	
Engine Mounts	Quantity	4
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	1 - Hydraulic, 1 - Elastomeric (3-Speed Trans.); 2 - Hydraulic (4-Speed Trans.); 2 - Torque Struts
	Added isolation (sub-frame, crossmember, etc.)	Isolated Cradle Supporting Left & Right Mounts
Total dressed engine mass (wt) dry***		

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum Alloy, .369 (13.0)
--	-----------------------------

Engine - Camshaft

Location	Above Crankshaft at Center of "V"	
Material & mass kg (weight, lbs.)	Assembled Steel, 2.25 (4.97)	
Drive type	Chain / belt	Chain
	Width / pitch	15.88 x 9.53 mm (6.25 x 3.75 in.)

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.
 ** Finished state.
 *** Dressed engine mass (weight) includes the following: All those items necessary to make the engine a complete ready-to-run unit.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	60 Deg. V6 Front Transverse DOHC	
Manufacturer	General Motors Powertrain Division	
No. of cylinders	6	
Bore	92.029 mm (3.623 in.)	
Stroke	84.0 mm (3.307 in.)	
Bore Spacing (C/L to C/L)	111.76 mm (4.4 in.)	
Cylinder block material & mass kg. (lbs.) (machined)	Cast Iron, 52.7 kg. (116.2 lbs.)	
Cylinder block deck height	224.0 mm (8.82 in.)	
Cylinder block length	435.5 mm (17.1 in.)	
Deck clearance (minimum) (above or below block)	.028 mm (.011 in.) Above Block, Nominal (+ 0.24 mm)	
Cylinder head material & mass kg. (lbs.)	Aluminum, 7.7 kg. (17.0 lbs.)	
Cylinder head volume cm ³ (inches ³)	52.5 (3.2)	
Cylinder liner material	Not Applicable	
Head gasket thickness (compressed)	1.6 mm (0.063 in.)	
Minimum combustion chamber total volume cm ³ (inches ³)	67.7 (4.13)	
Cyl. no. system (front to rear)*	L. Bank	2-4-6
	R. Bank	1-3-5
Firing order	1-2-3-4-5-6	
Intake manifold material & mass kg. (lbs.)**	Upper - Aluminum Alloy, 7.9 (17.4); Lower - Aluminum Alloy, 3.2 (7.1)	
Exhaust manifold material & mass kg. (lbs)**	High Silicon Molybdenum Nodular Iron: 4.0 (8.82), Firewall Side: 2.8 (6.17), Other	
Knock sensor (number & location)	1, Near Starter Motor Under Exhaust Manifold	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	87	
Engine Mounts	Quantity	4
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	1 - Elastomeric; 2 - Hydraulic; 1 - Torque Strut
	Added isolation (sub-frame, crossmember, etc.)	Isolated (Sub-frame) Supporting the Right & Left Hand Mounts
Total dressed engine mass (wt) dry***	196.3 kg. (432.6 lbs.)	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum Alloy, .414 (14.6)
--	-----------------------------

Engine - Camshaft

Location	(4) OHC in Carrier	
Material & mass kg (weight, lbs.)	Cast Iron - Left Bank Intake and Exhaust, 4.54 (10.0) Cast Iron - Right Bank Intake and Exhaust, 4.31 (9.5)	
Drive type	Chain / belt	Belt and Chain
	Width / pitch	Belt, 34.0/9.53 mm (1.34/0.375 in.) Chain, 19.05/9.53 mm (0.750/0.375 in.)

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

** Finished state.

*** Dressed engine mass (weight) includes the following: All those items necessary to make the engine a complete ready-to-run unit.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Engine Description 3.1 LITER V6 (191 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO L82

Engine - Valve System

Hydraulic lifters (std., ool, n.a.)		Standard
Valves	Number intake / exhaust	6/6
	Head O.D. intake / exhaust	43.64 mm (1.72 in.) / 36.20 mm (1.43 in.)

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel, .592 (1.31)
Length (axes CL to CL)	144.78 mm (5.79 in.)

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Cast Iron, 14.4 (31.7)	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	4 Bearings: 29.5 (1.2), Bearings 1 & 4; 24.0 (.945), Bearings 2 & 3	
Seal (material, one, two piece design, etc.)	Front	Viton/Steel, One Piece
	Rear	Viton/Steel, One Piece

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	280 - 360 (40.6 - 52.2) @ 2400
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full Flow
Capacity of crcase, less filter-refill-L (qt.)	3.8 (4.0)

Engine - Diesel Information

(NOT APPLICABLE)

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

Engine - Intake System

(NOT APPLICABLE)

Turbo charger - manufacturer	
Super charger - manufacturer	
Intercooler	

* Finished State

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description	3.4 LITER V6 (207 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LQ1

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	Standard	
Valves	Number intake / exhaust	12/12
	Head O.D. intake / exhaust	36.5 mm (1.44 in.) / 32.0 mm (1.26 in.)

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel, .592 (1.3)
Length (axes C/L to C/L)	144.78 mm (5.7 in.)

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Nodular Cast Iron, 17.2 (37.9)	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	4 Bearings: 29.5 mm (1.16 in.), Bearings 1 & 4; 24.0 mm (0.94 in.), Bearings 2 & 3	
Seal (material, one, two piece design, etc.)	Front	Viton/Steel, One Piece
	Rear	Viton/Steel, One Piece

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	275 (40) @ 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full Flow
Capacity of crcase, less filter-refill-L (qt.)	With Optional Oil Cooler 4.73 (5.0), Without Filter

Engine - Diesel Information (NOT APPLICABLE)

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

Engine - Intake System (NOT APPLICABLE)

Turbo charger - manufacturer	
Super charger - manufacturer	
Intercooler	

* Finished State

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.1 LITER V6 (191 CID)
SEQUENTIAL FUEL INJECTION RPO L82

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle Coolant Recovery	
Radiator cap relief valve pressure kPa (psi)		103.4 (15)	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at °C (°F)	90 (195)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GMP 1000 pump rpm	12	
	Number of pumps	1	
	Drive (V-belt, other)	Serpentine	
	Bearing type	Ball-Roller	
	Impeller material	Cast Iron	
Housing material		Aluminum	
By-pass recirculation type (inter., ext.)		External, Bypass	
Cooling System capacity	With heater - L (qt.)	A/C is Standard	
	With air conditioner - L (qt.)	11.59 (12.2) - Includes 0.5L Reservoir Reserve	
	Opt. equipment specify - L (qt.)	Not Applicable	
Water jackets full length of cyl. (yes, no)		No	
Water all around cylinder (yes, no)		Yes	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD	A/C is Standard Equipment	
	Type (cross-flow, etc.)	Cross-Flow	
	Construction (fin & tube mechanical, braze, etc.)	High Efficiency Radiator (H.E.R.), Fin & Tube	
	Material, mass kg (wgt., lbs.)	Aluminum, 3.22 (7.16)	
	Width	774.0 mm (30.5 in.)	
	Height	392.4 mm (15.0 in.)	
	Thickness	16.0 mm (0.630 in.)	
Fins per inch		17, 2.5 mm	
Radiator end tank material		Plastic	
Fan	Std., elec., opt.	Electric	Electric
	Number of blades & type (flex, solid, material)	7 Blades, Solid, Plastic	7 Blades, Solid, Plastic
	Number & location (front, rear of radiator)	Rear	Rear
	Diameter & projected width	360 mm (14.2 in.), Diameter	360 mm (14.2 in.), Diameter
	Ratio (fan to crankshaft rev.)	Not Applicable	Not Applicable
	Fan cutout type	ECM Controlled	ECM Controlled
	Drive type (direct, remote)	Direct	Direct
	RPM at idle (elec.)	1800 Primary	1650 Secondary
	Motor rating (wattage/elec.)	150 W	90 W
	Motor switch (type & location/elec.)	Engine Mounted Coolant Temp. Sensor, A/C Liquid Line Press. Switch or Transducer	(Same)
	Switch point (temp./pressure/elec.)	(See Below)	(See Below)
	Fan shroud (material)	Not Available	Not Available

PRIMARY FAN (LH)
 A/C Head Pressure or
 Engine Coolant

ON
 190 PSI
 223 deg. F.

OFF
 140 PSI
 216 deg. F.

SECONDARY FAN (RH)
 A/C Head Pressure or
 Engine Coolant

ON
 240 PSI
 235 deg. F.

OFF
 190 PSI
 228 deg. F.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle Coolant Recovery	
Radiator cap relief valve pressure kPa (psi)		103.4 (15)	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at °C (°F)	90 (194)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GMP 1000 pump rpm	9.7	
	Number of pumps	1	
	Drive (V-belt, other)	Serpentine Poly V	
	Bearing type	Ball-Roller	
	Impeller material	Cast iron	
Housing material		Aluminum	
By-pass recirculation type (inter., ext.)			
Cooling System capacity	With heater - L (qt.)	A/C is Standard	
	With air conditioner - L (qt.)	11.04 (12.35) - Includes 0.5L Reservoir Reserve	
	Opt. equipment specify - L (qt.)	Not Available	
Water jackets full length of cyl. (yes, no)		No	
Water all around cylinder (yes, no)		Yes	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD	A/C is Standard Equipment	
	Type (cross-flow, etc.)	Cross-Flow	
	Construction (fin & tube mechanical, braze, etc.)	High Efficiency Radiator (H.E.R.), Fin & Tube	
	Material, mass kg (wgt., lbs.)	Aluminum, 5.46 (12.04)	
	Width	774.0 mm (30.5 in.)	
	Height	382.4 mm (15.0 in.)	
	Thickness	34 mm (1.3 in.)	
Fins per inch		17, 3.0 mm	
Radiator end tank material		Plastic	
Fan	Std., elec., opt.	Dual Electric Standard	
	Number of blades & type (flex, solid, material)	7 Blades, Solid, Plastic	7 Blades, Solid, Plastic
	Number & location (front, rear of radiator)	Rear	Rear
	Diameter & projected width	360 mm (14.2 in.), Diameter	360 mm (14.2 in.), Diameter
	Ratio (fan to crankshaft rev.)	Not Applicable	Not Applicable
	Fan cutout type	ECM Controlled	ECM Controlled
	Drive type (direct, remote)	Direct	Direct
	RPM at idle (elec.)	2100 Primary	1650 Secondary
	Motor rating (wattage/elec.)	240 W	90 W
	Motor switch (type & location/elec.)	Engine Mounted Coolant Temp. Sensor, A/C Liquid Line Press. Switch or Transducer	(Same)
	Switch point (temp./pressure/elec.)	(See Below)	(See Below)
	Fan shroud (material)	Not Available	Not Available

PRIMARY FAN (LH)	ON	OFF	SECONDARY FAN (RH)	ON	OFF
A/C Head Pressure or Engine Coolant	190 PSI	140 PSI	A/C Head Pressure or Engine Coolant	240 PSI	190 PSI
	223 deg. F.	216 deg. F.		235 deg. F.	228 deg. F.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description 3.1 LITER V6 (191 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO 1.82

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

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		AC Rochester Products
Carburetor no. of barrels		Not Applicable
Idle A/F mix.		PCM Controlled
Fuel injection	Point of injection (no.)	Intake Port (6)
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	300 (43.5)
Idle speed-rpm (spec. neutral or drive and propane if used)	Manual	PCM Controlled
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		Fixed
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		Replaceable Enclosed Paper Element (Near Fuel Tank)
Fuel pump	Type (elec. or mech.)	Electrical
	Location (eng., tank)	Fuel Tank
	Pressure range kPa (psi)	250-300 (36-44)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	62.4 (16.51) @ 350 (50.8). Figures for Wide Open Throttle

Fuel Tank

Capacity refill L (gallons)		64.7 (17.1)
Location (describe)		Underbody, Forward of Rear Axle
Attachment		Two Steel Straps w/Four Vertical Fasteners
Material & Mass kg. (weight lbs.)		Stamped Steel Upper & Lower w/Perimeter Seam Weld, 9.634 (21.239)
Filler pipe	Location & material	Left Rear Quarter Panel-Steel
	Connection to tank	Flexible Hose
Fuel line (material)		Steel & Nylon
Fuel hose (material)		Nylon
Return line (material)		Steel & Nylon
Vapor line (material)		Steel & Nylon
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	-
	Selector switch or valve	-
Separate fill		-

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (®) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

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

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		AC Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Computer Controlled
Fuel injection	Point of injection (no.)	At Inlet Ports (6)
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	300 (43.5)
Idle speed-rpm (spec. neutral or drive and propane if used)	Manual	Computer Controlled
	Automatic	Computer Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		Throttle Body Water Heat; No Induction Air Heat
Air cleaner type		Single Snorkel, Replaceable Paper Element
Fuel filter (type/location)		Replaceable Enclosed Paper Element (Near Fuel Tank)
Fuel pump	Type (elec. or mech.)	Electrical
	Location (eng., tank)	Fuel Tank
	Pressure range kPa (psi)	250-300 (36-44)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	62.4 (16.51) @ 350 (50.8), Figures for Wide Open Throttle

Fuel Tank

Capacity refill L (gallons)		64.7 (17.1)
Location (describe)		Underbody, Forward of Rear Axle
Attachment		Two Steel Straps w/Four Vertical Fasteners
Material & Mass kg. (weight lbs.)		Stamped Steel Upper & Lower w/Perimeter Seam Weld, 9.634 (21.239)
Filler pipe	Location & material	Left Rear Quarter Panel-Steel
	Connection to tank	Flexible Hose
Fuel line (material)		Steel & Nylon
Fuel hose (material)		Nylon (No Coupled Hose)
Return line (material)		Steel & Nylon
Vapor line (material)		Steel & Nylon
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	-
	Selector switch or valve	-
Separate fill		-

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.1 LITER V6 (191 CID)
SEQUENTIAL FUEL INJECTION RPO L82

Vehicle Emission Control

Type (air injection, engine modifications, other)		--		
Exhaust Emission Control	Air injection	Pump or pulse	Not Used	
		Driven by	Not Used	
		Air distribution (head, manifold, etc.)	Not Used	
		Point of entry	Not Used	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow, Digital	
		Exhaust source	Right Side Exhaust Manifold	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold	
	Catalytic Converter	Type	Bed Monolith - 3 Way	
		Number of	One	
		Location(s)	Underbody	
		Volume L (ft ³)	2.67 (163)	
		Substrate type	Monolith/Ceramic	
Noble metal type		Platinum (Pt) / Palladium (Pd) / Rhodium (Rh)		
		Noble metal concentration (g/cm ²)	.000637	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System	
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum	
	Discharges to (intake manifold, other)		Intake Manifold	
	Air inlet (breather cap, other)		Right Rear Rocker Arm Cover	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel Tank	Canister	
		Carburetor	Not Applicable	
	Vapor storage provision		Charcoal	
Electronic system	Closed loop (yes/no)		Yes	
	Open loop (yes/no)		No	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/Crossover
○	Muffler no. & type (reverse flow, straight thru, separate resonator), Muffler volume (liters), Material & Mass kg. (weight lbs.)	Reverse Flow
○	Resonator no., type, & volume (liters)	88.9 mm O.D., Round Bottle, Straight Thru
Exhaust pipe	Branch o.d., wall thickness	--
	Main o.d., wall thickness	--
Material & Mass kg. (weight lbs.)		409 Stainless Steel (Airgap)
Intermediate pipe	o.d. & wall thickness	50.8 x 1.07 mm (2.0 x .042 in.)
	Material & Mass kg. (weight lbs.)	409 Stainless Steel
Tail pipe	o.d. & wall thickness	50.8 x 1.07 mm (2.0 x .042 in.)
	Material & Mass kg. (weight lbs.)	409 Stainless Steel - Painted Black

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

Vehicle Emission Control

Type (air injection, engine modifications, other)		--		
Exhaust Emission Control	Air Injection	Pump or pulse	Not Available	
		Driven by	.	
		Air distribution (head, manifold, etc.)	.	
		Point of entry	.	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	3 Sized Orifices Which are Opened or Closed Using Pintles and Solenoids. 8 Flow Combination.	
		Exhaust source		
		Point of exhaust injection (specar, carburetor, manifold, other)	Plenum Near Throttle Body	
	Catalytic Converter	Type	Bed Monolith (Dual)	
		Number of	1	
		Locations(s)	Mounted To Underbody	
Volume L (in ³)		1.80 (110)		
Substrate type		Ceramic		
Noble metal type		Platinum (Pt), Rhodium (Rh)		
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)	Induction System		
	Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum		
	Discharges to (intake manifold, other)	Inlet Manifold		
	Air Inlet (breather cap, other)	Duct Between Air Cleaner and Throttle Body		
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel Tank	Fuel Tank to Canister to Manifold	
		Carburetor	Not Applicable	
	Vapor storage provision	Charcoal		
Electronic system	Closed loop (yes/no)	Yes, Purge Solenoid Control		
	Open loop (yes/no)	No		

Engine - Exhaust System

Type (single, single with cross-over, dual, other)	Dual, w/Crossover	
Muffler no. & type (reverse flow, straight thru, separate resonator), Muffler volume (liters), Material & Mass kg. (weight lbs.)	Reverse Flow	
Resonator no., type, & volume (liters)	88.9 mm O.D., Round Bottle, Straight Thru	
Exhaust pipe	Branch o.d., wall thickness	--
	Main o.d., wall thickness	63.5 x 1.77 mm (2.5 x 0.070 in.)
	Material & Mass kg. (weight lbs.)	Laminated 409 Stainless Steel
Intermediate pipe	o.d. & wall thickness	57.2 x 1.37 mm, Legs 50.8 x 1.37 mm
	Material & Mass kg. (weight lbs.)	409 Stainless Steel
Tail pipe	o.d. & wall thickness	57.2 x 1.37 mm, Tip 1.20 mm
	Material & Mass kg. (weight lbs.)	409 Stainless - Steel Painted Black

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*)

METRIC (U.S. Customary)

Engine Description 3.1 LITER V6 (191 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO L82

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)	Hydra-Matic/U.S.A., MD9 (Interim)
Automatic overdrive (manufacturer/country)	Hydra-Matic/U.S.A., M13

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 material & mass kg. (lbs.)*		
Lubricant	Capacity L (pt.)	
	Type recommended	

Clutch (Manual Transmission) (NOT APPLICABLE)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hydraulic, 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 mfg. & material coding	
	Facing material & construction	
	Rivets per facing	
	Outside x inside dia. (nominal)	
	Total eff. area cm ² (in. ²)	
	Thickness (pressure plate side/tv wheel side)	
	Rivet depth (pressure plate side/tv 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 MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

**3.4 LITER V6 (207 CID)
 SEQUENTIAL FUEL INJECTION RPO LO1**

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)	.
Automatic overdrive (manufacturer/country)	Hydra-Matic U.S.A., M13

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 material & mass kg. (lbs.)*		
Lubricant	Capacity L (pt.)	
	Type recommended	

Clutch (Manual Transmission)

(NOT APPLICABLE)

Clutch manufacturer		
Clutch type (dry, wet; single, multiple disc)		
Linkage (hydraulic, 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 mtgr. & material coding	
	Facing material & construction	
	Rivets per facing	
	Outside x inside dia. (nominal)	
	Total eff. area cm ² (in. ²)	
	Thickness (pressure plate side/fly wheel side)	
	Rivet depth (pressure plate side/fly wheel side)	
Engagement cushion method		
Release bearing type & method lub.		
Torsional damping method, springs, hysteresis		

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

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.1 LITER V6 (191 CID)
SEQUENTIAL FUEL INJECTION RPO 1B2

Automatic Transmission/Transaxle

Trade Name	Hydra-Matic 4T60-E (M13) Transaxle	
Type and special features (describe)	4-Speed Automatic w/Torque Converter Clutch	
Shift mechanics	Hydraulic Clutches/Electronic Controls	
Gear selector	Location (column, floor, other)	Column & Floor (Mechanical)
	Ltr./No. designation (e.g. PRND21)	P-R-N- (OD) -D-2-1
	Shift interlock (yes, no, describe)	Yes - Brake, Ignition Key
Gear ratios	1st	2.92
	2nd	1.57
	3rd	1.00
	4th	.70
	5th	Not Applicable
	6th	Not Applicable
	Reverse	2.38
Final drive ratio	3.33	
Max. upshift vehicle speed - drive range km/h (mph)	1 - 2 = 69 (43) 3 - 4 = 163 (101) 2 - 3 = 129 (80)	
Max. upshift engine speed RPM	5600	
Max. lockdown speed - drive range km/h (mph)	2 - 1 = 48 (30) 3 - 2 = 105 (65)	
Min. overdrive speed km/h (mph)	52 (32)	
Torque converter	Type	Lock-Up
	Torus design	Yes
	Number of elements	3
	Max. ratio at stall	1.95
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 mm (9.7 in.)
Capacity factor "K"	180	
Pump type	Variable Displacement Vane	
Lubricant	Capacity refill L (pt.)	12.7 (26.8), Dry Transmission
	Type recommended	Dexron III
Oil cooler (std., opt., N.A., internal, external, air, liquid)	Standard, Integral with Radiator	
Transmission mass kg (lbs.) & case material**	81.0 (178.50), Cast Aluminum	

All Wheel / 4 Wheel Drive

(NOT APPLICABLE)

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elec. 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 (% front/rear)

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

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4T60E (M13) Transaxle
Type and special features (describe)		4-Speed Automatic w/Torque Converter Clutch
Shift mechanics		Hydraulic Clutches/Electronic Controls
Gear selector	Location (column, floor, other)	Floor (Mechanical)
	Ltr./No. designation (e.g. PRND21)	P-R-N-(<u>OD</u>)-D-2-1
	Shift interlock (yes, no, describe)	Yes - Brake, Ignition Key
Gear ratios	1st	2.92
	2nd	1.57
	3rd	1.00
	4th	.70
	5th	Not Applicable
	6th	Not Applicable
	Reverse	2.38
Final drive ratio		3.43
Max. upshift vehicle speed - drive range km/h (mph)		1 - 2 = 71 (44) 3 - 4 = 171 (106) 2 - 3 = 130 (81)
Max. upshift engine speed RPM		6250
Max. kickdown speed - drive range km/h (mph)		2 - 1 = 56 (35) 3 - 2 = 121 (75)
Min. overdrive speed km/h (mph)		78K 48 MPH
Torque converter	Type	Lock-Up
	Torus design	Yes
	Number of elements	3
	Max. ratio at stall	2.23
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 mm (9.7 in.)
Capacity factor "K"		177
Pump type		Variable Displacement Vane
Lubricant	Capacity refill L (pt.)	12.7 (26.8), Drv Transmission
	Type recommended	Dexron III
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Standard, Integral with Radiator
Transmission mass kg (lbs.) & case material**		81.0 (178.50), Cast Aluminum

All Wheel / 4 Wheel Drive

(NOT APPLICABLE)

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, 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, torson, etc.)	
	Torque split (% front/rear)	

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

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description	3.1 LITER V6 (191 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO L82

Axle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage) (AUTOMATIC TRANS - M13)

Effective final drive ratio (or overall top gear ratio)		3.33 (2.35)
Transfer ratio and method (chain, gear, etc.)		1.00 Chain
Front drive unit	Ring gear o.d.	Not Applicable
	No. of teeth	"
	Pinion	"
	Ring gear	"

Front Drive Unit

Description (integral to trans., etc.)		Planetary Final Drive Integral with Transmission
Limited slip differential (type)		Not Applicable
Drive pinion	Type	"
	Offset	"
No. of differential pinions		2
Pinion / differential	Adjustment (shim, etc.)	Not Applicable
	Bearing adjustment	"
Driving wheel bearing (type)		
Lubricant	Capacity L (pt.)	8.0 (16.9)
	Type recommended	Dexron II

Axle Shafts - Front Wheel Drive

Manufacturer and number used		2 Per Car	
Type (straight, solid bar, tubular, etc.)	Left	Straight Solid Bar	
	Right	Straight Solid Bar	
Outer diam. x length* x wall thickness	Manual Transaxle	Left	Not Applicable
		Right	"
	Automatic transaxle	Left	--
		Right	--
	Optional transaxle	Left	27.1 x 326.0 mm (1.07 x 12.83 in.)
		Right	27.1 x 360.0 mm (1.07 x 14.17 in.)
Slip yoke	Type	--	
	Number of teeth	--	
	Spline o.d.	--	
Universal joints	Make and mfg. no.	Inner	Saginaw Division
		Outer	Saginaw Division
	Number used		4, 2 on Each Shaft
	Type, size, plunge	Inner	Tripot Joint, 27 Size 66 mm Plunge
		Outer	Rzeppa Joint; Fixed, 27 Size
	Attach (u-bolt, clamp, etc.)		Inboard Joint - Snap Ring, Outboard Joint (Nut/Washer - Clamping)
	Bearing	Type (plain, anti-friction)	Inboard Joint: Ball Bearing, Needle Roller Bearing (Anti-Friction Bearing) Outboard Joint: Ball Bearing
Lubrication (fitting, prepack)		Prepacked	
Drive taken through (torque tube, arms or springs)		Front Wheel Drive Shafts	
Torque taken through (torque tube, arms or springs)		Engine Mounting System	

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

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.4 LITER V6 (207 CID)
SEQUENTIAL FUEL INJECTION RPO LQ1

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

Effective final drive ratio (or overall top gear ratio)		3.43 (2.41)
Transfer ratio and method (chain, gear, etc.)		
Front drive unit	Ring gear o.d.	
	No. of teeth	Pinion
		Ring gear

Front Drive Unit

Description (integral to trans., etc.)		Integral to Transmission
Limited slip differential (type)		Not Applicable
Drive pinion	Type	-
	Offset	-
No. of differential pinions		2
Pinion / differential	Adjustment (shim, etc.)	Not Applicable
	Bearing adjustment	-
Driving wheel bearing (type)		Sealed Ball Bearing
Lubricant	Capacity L (pt.)	
	Type recommended	

Axle Shafts - Front Wheel Drive

Manufacturer and number used		Saginaw Division, 2		
Type (straight, solid bar, tubular, etc.)	Left	Straight Solid Bar		
	Right	Straight Solid Bar		
Outer diam. x length* x wall thickness	Manual Transaxle	Left	Not Applicable	
		Right	-	
	Automatic transaxle	Left	27.1 x 326 mm (1.07 x 12.83 in.)	
		Right	27.1 x 360 mm (1.07 x 14.17 in.)	
	Optional transaxle	Left	Not Available	
		Right	-	
Slip yoke	Type	Not Applicable		
	Number of teeth	-		
	Spine o.d.	-		
Universal joints	Make and mfg. no.	Inner	Saginaw Division	
		Outer	Saginaw Division	
	Number used	Inboard & Outboard on Each Shaft Assembly		
	Type, size, plunge	Inner	Tripot Joint, 27 Size 66 mm Plunge	
		Outer	Rzeppa Joint; Fixed Center, 27 Size	
	Attach (u-bolt, clamp, etc.)	Retaining Ring		
	Bearing	Type (plain, anti-friction)	Inner - Ball & Roller Outer - Ball	
Lubrication (fitting, prepack)		Prepacked		
Drive taken through (torque tube, arms or springs)		Front Wheel Drive Shafts		
Torque taken through (torque tube, arms or springs)		Engine Mounting System		

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

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE (EXCEPT 3.4L ENGINE) (FE1 SUSPENSION)

Suspension - General including Electronic Controls

Car leveling	Standard/option/not available	Not Available	
	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	Body Rails, Under Rocker Panels; Jack Pad at Center of Rear Crossmember	
Shock absorber damping controls	Standard/option/not available	Not Available	
	Manual/automatic control	-	
	Number of damping rates	-	
	Type of actuation (manual/electric mono/air, etc.)	-	
	Sensors	Lateral acceleration	-
		Deceleration	-
		Acceleration	-
Road surface		-	
Shock absorber (front & rear)	Type	MacPherson Strut Front, MacPherson Strut Rear	
	Make	Delco Chassis Division	
	Piston diameter	35.0 mm (1.38 in.)	
	Rod diameter	25.0 mm (1.00 in.)	

Suspension - Front

Type and description		MacPherson Strut with Coil Springs, One-Piece "A" Configuration Lower Control Arms
Travel	Full jounce (define load condition)	78 mm (3.07 in.)
	Full rebound	95 mm (3.74 in.)
Spring	Type (coil, leaf, other & material)	Coil
	Insulators (type & material)	Rubber
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Coil: 200.3 mm (7.89 in.); 173 mm (6.81 in.)
	Spring rate N/mm (lb./in.)	19.5 (111.4)
	Rate at wheel N/mm (lb./in.)	24.0 (137.1)
Stabilizer	Type (link, linkless, frameless)	Linkless
	Material & O.D. bar/tube, wall thickness	Steel, 30 mm (1.18 in.) - Solid

Suspension - Rear

Type and description		Tri-Link Independent MacPherson Strut with Coil Springs Lateral Links Attached to Body Cross Member, Trailing Arms	
Travel	Full jounce (define load condition)	102 mm (4.02 in.)	
	Full rebound	105 mm (4.13 in.)	
Spring	Type (coil, leaf, other & material)	Coil	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Coil: 224.0 mm (8.8 in.); 137.0 mm (5.4 in.)	
	Spring rate N/mm (lb./in.)	16.0 / 40.5 Variable Rate	
	Rate at wheel N/mm (lb./in.)	TBD	
	Insulators (type & material)	Rubber	
	If leaf	No. of leaves	--
		Shackle (comp. or tens.)	--
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	Steel, 20 mm (.787 in.) Solid	
Track bar (type)		Not Applicable	

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE (3.4L DOHC ENGINE) (F41 SUSPENSION)

Suspension - General Including Electronic Controls

Car leveling	Standard/optional/not available	Not Available	
	Manual/automatic control	-	
	Type (air/hydraulic)	-	
	Primary/assist spring	-	
	Rear only/4 wheel leveling	-	
	Single/dual rate spring	-	
	Single/dual ride heights	-	
Provision for latching	Body Rails, Under Rocker Panels; Jack Pad at Center of Rear Crossmember		
Shock absorber damping controls	Standard/option/not available	Not Available	
	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	MacPherson Strut Front, Tubular Rear	
	Make	Delco Chassis Division	
	Piston diameter	35.0 mm (1.38 in.)	
	Rod diameter	25.0 mm (1.00 in.)	

Suspension - Front

Type and description	MacPherson Strut with Coil Springs, One-Piece "A" Configuration Lower Control Arms	
Travel	Full jounce (define load condition)	78 mm (3.07 in.)
	Full rebound	95 mm (3.74 in.)
Spring	Type (coil, leaf, other & material)	Coil
	Insulators (type & material)	Rubber
	Size (Leaf: length & width; Coil: design height & I.D.; Bar: length & diameter)	Coil: 200.3 mm (7.89 in.); 173 mm (6.81 in.)
	Spring rate N/mm (lb./in.)	23.5 (134.2)
	Rate at wheel N/mm (lb./in.)	26.8 (153.0)
Stabilizer	Type (link, linkless, frameless)	Linkless
	Material & O.D. bar/tube, wall thickness	Steel, 34 mm (1.34 in.) - Hollow (Wall Thickness = 5.1 mm)

Suspension - Rear

Type and description	Tri-Link Independent MacPherson Strut with Coil Springs Large Lateral Links Attached to Body Cross Member, Trailing Arms		
Travel	Full jounce (define load condition)	102 mm (4.02 in.)	
	Full rebound	105 mm (4.13 in.)	
Spring	Type (coil, leaf, other & material)	Coil	
	Size (Leaf: length & width; Coil: design height & I.D.; Bar: length & diameter)	Coil: 224.0 mm (8.8 in.); 137.0 mm (5.4 in.)	
	Spring rate N/mm (lb./in.)	18.5 / 33.3 Variable Rate	
	Rate at wheel N/mm (lb./in.)	TBD	
	Insulators (type & material)	Rubber	
	If leaf	No. of leaves	--
		Shackle (comp. or tens.)	--
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & O.D. bar/tube, wall thickness	Steel, 22 mm (.866 in.) Solid	
Track bar (type)	Not Applicable		

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE

Brakes - Service

Description		Dual Piston Caliper - Front Disc; Single-Piston Caliper - Rear Disc			
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Disc			
	Rear (disc or drum)	Disc			
Valving type (proportion, delay, metering, other)		Proportioning			
Power brake (std., opt., n.a.)		Standard			
Booster type (remote, integral, vac., hyd., etc.)		Vacuum			
Vacuum	Source (inlet, pump, etc.)	Inlet			
	Reservoir (volume in. ³)	Not Applicable			
	Pump-type (elec., gear or belt driven)	Not Applicable			
Traction assist	Operational speed range	Not Applicable			
	Type (engine or brake intervention)	-			
Antilock device	Front/rear (std., opt., n.a.)	Standard - All Models			
	Manufacturer	Delco Chassis Division, G.M.			
	Type (electronic, mech.)	Electronic			
	Number sensors or circuits	4			
	Number antilock hydraulic circuits	4 Separate Brake Lines/3 Controlled Channels (LF, RF, RR)			
	Integral or add-on system	Add-On Mounted to Master Cylinder			
	Yaw control (yes, no)	Yes			
Hyd. power source (elec., vac., mtr., pwr., strg.)		Not Applicable			
Effective area cm ² (in. ²) [*]		283.9 (44.0), 4 Wheels			
Gross Lining area cm ² (in. ²) ^{**} (F/R)		F: 167.7 (26.0); R: 116.1 (18.0)			
Swept area cm ² (in. ²) ^{***} (F/R)		F: 1090.9 (169.09); R: 926.4 (143.6)			
Rotor	Outer working diameter	F/R	F: 267 mm (10.5 in.);		
	Inner working diameter	F/R	F: 167.0 mm (6.6 in.);		
	Thickness	F/R	F: 26.3 mm (1.04 in.);		
	Material & type (vented/solid)	F/R	F: Composite Vented;		
Drum	Diameter & width	F/R	Not Applicable		
	Type and material	F/R	-		
Wheel cylinder bore		F: 42.0 mm (1.65 in.)			
Master cylinder	Bore/stroke	F/R	Bore: 24.0 mm (.94 in.); Stroke: 35.5 mm (1.40 in.)		
Pedal arc ratio		3.5:1			
Line press. at 445 N (100 lb.) pedal load (kPa (psi))		13600 kPa (1972 psi)			
Lining clearance		F/R	0/0 mm		
Brake lining	Front wheel	Bonded or riveted (rvts/seg.)		Integrally Molded	
		Rivet Size		-	
		Manufacturer		Delco Chassis Division	
		Lining code *****		DM127EE	
		Material		Semi-Metallic	
		****	Primary or out-board	119.4 x 38.1 mm / (4.7 x 1.5 in.)	
		****	Secondary or in-board	119.4 x 38.1 mm / (4.7 x 1.5 in.)	
	Shoe thickness (no lining)		4.98 mm (.196 in.)		
	Rear wheel	Bonded or riveted (rvts/seg.)		Integrally Molded	
		Manufacturer		Delco Chassis Division	
		Lining code *****		DM127EE	
		Material		Semi-Metallic	
		****	Primary or out-board	83.8 x 33.0 mm / (3.3 x 1.3 in.)	
		****	Secondary or in-board	102.9 x 33.0 mm / (4.05 x 1.3 in.)	
Shoe thickness (no lining)		4.98 mm (.196 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 circumference.)
 (Disc brake: Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by Pi/2 for each brake.)

**** Size for drum brakes includes length x width x thickness. *****Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*)

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE

Tires And Wheels (Standard)

Tires	Size (service description)		P205/70R15 AL2 BW (95 S)
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial (2 Ply)
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	205 (30)
		Rear kPa (psi)	205 (30)
Rev./mile at 70 km/h (45 mph)		492 Rev/Km	
Wheels	Type & material		Stamped Steel
	Rim (size & flange type)		15 x 6
	Wheel offset		42.0 mm (1.65 in.)
	Attachment	Type (bolt or stud & nut)	Stud (M12 x 1.5)
		Circle diameter	115 mm (4.52 in.)
Number & size		5 & M12	
Spare	Tire and wheel		Compact Spare T125/70D16 16 x 4 Wheel
	Storage position & location (describe)		Horizontal, Under Trunk Compartment Load Floor

Tires And Wheels (Optional)

Tire size (service description)		P215/65R15 - Police
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
Wheel (type & material)		Stamped Steel
Rim (size, flange type and offset)		15 x 6 (42 mm Offset)
Tire size (service description)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (service description)		P225/60R16 AL2 BW (97 S)
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
Wheel (type & material)		Cast Aluminum
Rim (size, flange type and offset)		16 x 6.5 (38 mm Offset)
Tire size (service description)		P225/60R16 - AL3 BL - Z34 (97 H)
Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
Wheel (type & material)		Cast Aluminum
Rim (size, flange type and offset)		16 x 6.5 (38 mm 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		Single Stroke, Foot Pedal Application, Push to Release
Location of control		Left of Driver's Left Knee
Operates on		Rear Service Brakes
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE

Steering

Manual (std., opt., n.a.)		Not Available	
Power (std., opt., n.a.)		Standard	
Speed-sensitive (std., opt., n.a.)		Not Available	
4-wheel steering (std., opt., n.a.)		Not Available	
Adjustable steering wheel/column (tilt, telescope, other)	Type	Tilt	
	Manufacturer	Saginaw Division	
	(std., opt., n.a.)	Standard	
Wheel diameter** (W9) SAE J1100	Manual	Not Available	
	Power	380.0 mm	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	Coupe: FE1 - 12.93 (42.42); F41/FE2 - 13.58 (44.55); FE3 - 13.60 (44.60)
		Curb to curb (l. & r.)	FE1 - 11.2 (36.7); F41 - 11.88 (39.0); FE2 - 11.88 (39.0); FE3 - 11.88 (39.0)
	Inside rear	Wall to wall (l. & r.)	Not Available
		Curb to curb (l. & r.)	7.18 (23.6)
Scrub Radius*		Base - 15.78 mm; Touring - 16.39; Sport - 24.05 mm	
Manual	Gear	Type	Not Available
		Manufacturer	-
		Ratios	Gear Overall
	No. wheel turns (stop to stop)		-
Power	Type (conventional, elec. hyd., etc.)		Hydraulic
	Manufacturer		Saginaw Division
	Gear	Type	End Take-Off Rack and Pinion
		Ratios	Gear Overall
	Pump (drive)		Belt
	No. wheel turns (stop to stop)		P205/70R15-2.60 (FE1) P225/60R16-2.26 (F41)
Linkage	Type		End Take-Off
	Location (front or rear of wheels, other)		Rear
	Tie rods (one or two)		2
Steering axis	Inclination at camber (deg.)		13.4
	Bearings (type)	Upper	Ball Bearing
		Lower	Ball Joint
		Thrust	Not Applicable
Steering spindle/knuckle & joint type		MacPherson Strut	

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

** See Page 23.

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

COUPE

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1.8 ± 0.5		
		Camber (deg.)	0.7 ± .5		
		Toe-in outside track mm (in.)	0.0 ± 0.20		
	Service reset*	Caster (deg.)	Pre-set		
		Camber (deg.)	0.7		
		Toe-in mm (in.)	0.0		
Periodic M.V. inspection	Caster (deg.)				
	Camber (deg.)				
	Toe-in mm (in.)				
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	15° Whl. -.35 ± .5	16° Whl. -.45 ± .5	
		Toe-in outside track (deg.)	0.0 ± .3 (Sum Toe)		
	Service reset*	Camber (deg.)	15° Whl. -.35 ± .5	16° Whl. -.45 ± .5	
		Toe-in (deg.)	0.0 ± .3 (Sum Toe)		
	Periodic M.V. insp.	Camber (deg.)			
		Toe-in mm (in.)			

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

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	Analog
	Trip odometer (std., opt., n.a.)	Not Available
Head-up display	Standard, optional, not available	Not Available
	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status/warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day / night mode, adjustable
EGR maintenance indicator		-
Charge indicator	Type	Not Available
	Warning device (light, audible)	Tell-Tale Light
Temperature indicator	Type	Not Available
	Warning device (light, audible)	Tell-Tale Light
Oil pressure indicator	Type	Not Available
	Warning device (light, audible)	Tell-Tale Light
Fuel indicator	Type	Analog
	Warning device (light, audible)	Not Available
Windshield wiper	Type (standard)	Depressed Park / Pulse Wiper
	Type (optional)	Not Available
	Blade length	560 mm (22.0 in.)
	Sweep area cm² (in.²)	7558.3 (1171.5)
Windshield washer	Type (standard)	Wet-Arm System
	Type (optional)	Not Available
	Fluid level indicator (light, audible)	Not Available
Rear window wiper, wiper/washer (std., opt., n.a.)		Not Available
Horn	Type	Vibrator
	Number used	2
Other	PRNDL Odometer Tachometer	Mechanical Mechanical Not Available

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (#) _____

METRIC (U.S. Customary)

Engine Code/Description

**3.1 LITER V6 (191 CID)
 SEQUENTIAL FUEL INJECTION RPO L82**

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	SAE 75-525 (1983655)
	Voltage	12
	Amps at 0° F. cold crank	525
	Minutes-reserve capacity	90
	Amps/hrs.-20 hr. rate	54
Location		Engine Compartment
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	36/100 Amps
	Ratio (alt. crank/rev.)	2.75
	Output at idle (rpm, park)	68 Amps W/AC
	Optional (type & rating)	None
Regulator	Type	Integral with Alternator

Electrical - Starting System

Motor	Manufacturer	Delco Remy
	Current drain -29 (-20) °C (°F)	350 Amps
	Power rating (hp)	1.4 (1.9)
Motor drive	Engagement type	Solenoid Actuated, Positive Engagement
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std., opt., n.s.)	Standard	
	Other (specify)	None	
Coil	Manufacturer	Delco Remy	
	Model	Direct Ignition	
	Current	Engine stopped - A	Less than 100 ma
		Engine idling - A	Less than 1.5 A (Avg.)
Spark plug	Manufacturer	AC Rochester	
	Model	R44LTSM6	
	Thread (mm)	14 x 1.25	
	Tightening torque N-m (lb. ft.)	9-20 (7-15)	
	Gap	1.52 mm (.060 in.)	
Distributor	Manufacturer	Not Applicable	
	Model		

Electrical - Suppression

Locations & type	
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MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Code/Description

3.4 LITER V6 (207 CID)
 SEQUENTIAL FUEL INJECTION RPO LQ1

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard
	Voltage	12
	Amps at 0° F. cold crank	690 CCA
	Minutes-reserve capacity	90
	Amps/hrs.-20 hr. rate	54
	Location	Engine Compartment
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	42/105 Amps
	Ratio (alt. crank/rev.)	2.74
	Output at idle (rpm, park)	66 Amps W/AC
	Optional (type & rating)	None
Regulator	Type	Integral with Alternator

Electrical - Starting System

Motor	Manufacturer	Delco Remy
	Current drain -29 (-20) °C (°F)	395 Amps
	Power rating kw (hp)	1.6 (2.1)
Motor drive	Engagement type	Solenoid Operated Shift Lever
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Electronic Direct Ignition (Standard) - Control Module with Three Integral Coils and One Remote Timing Sensor
	Other (specify)	--
Coil	Manufacturer	Delco Remy
	Model	1103792
	Current	Engine stopped - A Less than 100 ma Engine Idling - A Less than 1.5 A (Avg.)
Spark plug	Manufacturer	AC Rochester
	Model	.R42LTSM
	Thread (mm)	14 x 1.25
	Tightening torque N-m (lb. ft.)	10-20 (7.38-14.75)
	Gap	1.14 mm (.045 in.)
Distributor	Number per cylinder	1
	Manufacturer	Not Applicable
	Model	"

Electrical - Suppression

Locations & type	Alternator - Internal Capacitor Suppression Ignition - Internal Resistor/Capacitor Networks
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MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Model Code/Description

COUPE

Body

Structure	Unitized Body - Frame. Body Side Assembly Includes Full Drawn Quarter Panels. Fully Stamped Inner/Outer Door Panels with Header Extending into Roof. Full-Length Deck Lid Inner/Outer Panels, Full-Drawn Floor Pan.
Bumper system front - rear	Body Color Soft Fascia, Foam Absorber and Rigid Reinforcing Bar Used at Both Front and Rear.
Anti-corrosion treatment	Double-Sided Galvanizing or Gavanael of all Major Body/Sheet Metal Inner/Outer Panels including Hood, Deck Lid, Doors as well as Rear and End Panel, Plenum, Fenders, Compartment Pan, Quarter Panels, Rocker Panels and Wheelhouse Outer Panels.

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Base Coat-Clear Coat Acrylic Enamel Over ELPO Primer	
Hood	Material & mass	Steel, 17.3 kg.
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Gas Charged Strut
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Steel
	Type (counterbalance, other)	Dual Torque Rods
	Internal release control (elec., mech., n.a.)	Electric, Optional
Hatchback lid	Material & mass	Not Available
	Type (counterbalance, other)	-
	Internal release control (elec., mech., n.a.)	-
Tailgate	Material & mass	-
	Type (drop, tilt, door)	-
	Internal release control (elec., mech., n.a.)	-
Vent window control (crank, friction, pivot, power)	Front	Not Applicable
	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	Custom Cloth - 60/40 Split Bench or 40/40 Bucket, Trim Material Bonded to Foam Leather - 40/40 Bucket on Foam
	Rear	Custom Cloth - Bench, Trim Material Bonded to Foam with Encapsulated Frame Leather - Bench, On Foam with Encapsulated Frame
	3rd seat	Not Applicable
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Custom Cloth - 60/40 Split Bench or 40/40 Bucket, Trim Material Bonded to Foam Leather - 40/40 Bucket on Foam
	Rear	Custom Cloth - Bench, Trim Material Bonded to Foam with Encapsulated Frame Leather - Bench, On Foam with Encapsulated Frame
	3rd seat	Not Applicable

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized Body/Frame, Bolted-On Powertrain Cradle with Mounting Provisions for Suspension and Engine Mounts.
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MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description

COUPE

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	3Pt. Single Loop W/Shldr. Retractor, End Release Buckle, Head Rest Guide/All Retractors are Web & Vehicle Sensitive Retractors	Lap Belt Manual Adjustment End Release Buckle	3 Pt. Single Loop W/Shldr. Retractor, End Release Buckle, Head Rest Guide, Child Cinch Retractor/All Retractors are Web & Vehicle Sensitive Retractors
	(lap & shoulder belt, lap belt, etc.)	Second seat	3 Pt. Single Loop W/Shldr. Retractor, End Release Buckle, Child Cinch Retractor, Child Comfort Guide/All Retractors are Web & Vehicle Sensitive Retractors	Lap Belt Manual Adjustment End Release Buckle	3 Pt. Single Loop W/Shldr. Rtrctr., End Release Buckle, Child Cinch Retractor, Child Comfort Guide/All Retractors are Web & Vehicle Sensitive Retractors
	Standard / Optional	Third seat			
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)	First seat	Air Bag	Air Bag (Passenger Side)	Air Bag
	Standard / Optional	Second seat			
		Third seat			
Glass		SAE Ref.No.			
Windshield glass exposed surface area cm ² (in. ²)		S1			
Side glass exposed surface area cm ² (in. ²) - total 2 sides		S2	3815.14 cm ²		
Backlight glass exposed surface area cm ² (in. ²)		S3			
Total glass exposed surface area cm ² (in. ²)		S4	--		
Windshield glass (type/thickness)					
Side glass (type/thickness)			5.0 mm		
Backlight glass (type/thickness)					
Tinted (yes/no, location)					
Solar control (yes/no, coated/batched, location)					

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen, Replacement Bulb Unit
Shape	Aero
Lo-beam type (2A1, 2B1, 2C1, etc.)	Trade No. 9006/HB4
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	Trade No. 9005/HB3
Quantity	2

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Engine Code/Description

ALL

Climate Control System

Air conditioning (std., opt., man., auto.)		Standard - 1.82, 1.01
Condenser	Type	Tube & Fin
	Eff. face area (sq. mm.)	315,181
	Fins per inch	13
Evaporator	Type	U Flow, Aluminum
	Eff. face area (sq. mm.)	48,437
	Fins per inch	14
Heater core	Material	Aluminum
	Eff. face area (sq. mm.)	33,028
	Fins per inch	30
Compressor	Type	V5
	Displacement (cc.)	Variable Displacement
	Manufacturer	Harrison Division, G.M.
	A/C pulley ratio	1.37
Accumulator	Type	Non-Serviceable, Sealed, Integral Design
	Height (mm.)	206
	Diameter (mm.)	89
Receiver	Type	Not Applicable
	Height (mm.)	"
	Diameter (mm.)	"
Refrigerant control (CCOT, TVS, etc.)		Variable Displacement Compressor VDOT
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R134A
Charge level (lbs. - oz.)		2.0 lbs.
Cold engine lockout switch (yes / no)		No
Wide open throttle cutout switch (yes / no)		Yes
Power steering cutout switch (yes/no)		Yes, 1.01 Only

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Model Code/Description

COUPE

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

	Clock (digital, analog)	Digital - In Radio, Standard
	Compass / thermometer	Not Available
	Console (floor, overhead)	Optional, Floor (Overhead - Not Available)
	Defroster, electric windshield	Not Available
	Defroster, electric backlight	Optional
Electronic	Diagnostic monitor (integrated, individual)	Not Available
	Instrument cluster (list instruments)	Not Available
	Keyless entry	Optional
	Tripmeter (avg. spd., fuel)	Not Available
	Voice alert (list items)	Not Available
	Other	
	Fuel door lock (remote, key, electric)	
Integrated Child Seating	Std./opt. & location in vehicle	Not Available
	Number of occupants	Not Available
	Occupant weight/height (min. & max.)	Not Available
	Restraint system description (3 or 5-point belts/booster seat capability)	Not Available
Lamps	Auto head on/off delay, dimming	Not Available
	Centering	Not Available
	Courtesy (map, reading) Dome	Standard
	Door lock, ignition	
	Engine compartment	Standard
	Fog	Not Available
	Glove compartment	Standard
	Trunk	Standard
	Illuminated entry system (list lamps, activation)	Sustained Interior Illumination
	Other Ashtray	Standard
CHMSL	Standard	
Mirrors	Day / night (auto., man.)	Standard - Manual
	L.H. (remote, power, heated)	Standard - Remote, Optional - Power
	R.H. (convex, remote, power, heated)	Standard - Manual, Optional - Power
	Visor vanity (RH / LH, illuminated)	Not Available, (Uncovered Visor Vanity - Optional)
	Navigation system (describe)	Not Available
	Parking brake-auto release (warning light)	Standard - Warning Light

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description

COUPE

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

Power equipment	Deck lid (release, pull down)		Optional, Electric Release
	Door locks (manual, automatic, describe system)		Electric, Standard
	Seats	2 - 4 - 6 way, etc.	Standard 4-Way, Driver Side Only; Optional 6-Way
		Reclining (R.H., L.H.)	Standard - Manual
		Memory (R.H., L.H., preset recline)	Not Available
		Support (lumbar, hip, thigh, etc.)	Not Available
		Heated (R.H., L.H., other)	Not Available
	Side windows		Standard Power
	Vent windows		Not Applicable
	Rear windows		Not Applicable
Radio systems	Antenna (location, whip, w/shield, power)		Standard, Fixed Whip Located on Right Rear Upper Quarter Panel
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo, Seek & Scan/Standard
	Optional		AM/FM Stereo, Seek & Scan, Cassette ATC (Theft Deterrent) - Optional AM/FM Stereo, Seek & Scan, Cassette - Optional AM/FM Stereo, Seek & Scan/Compact Disc ATC (Theft Deterrent) - Optional
	Speaker (number, location)		Standard - 2 In Front Doors, 2 In Package Shelf, Optional - Dual Coax
Roof: open air or fixed (flip-up, sliding, "T")		Not Available	
Speed control device		Optional, Automatic Electronic	
Speed warning device (light, buzzer, etc.)		Not Available	
Tachometer (rpm)		Optional (Included as Part of Optional Gauge Package)	
Telephone system (describe)		Not Available	
Theft deterrent system		Not Available	

Trailer Towing

Towing capable	Yes / No	Yes
Engine / transmission / axle	Std. / Opt.	3.1L, 4-Spd. Auto., 3.33; 3.4L, 4-Spd. Auto., 3.43
Tow class (I, II, III)*	Std. / Opt.	1
Max. gross trailer wgt. (lbs.)	Std. / Opt.	1000
Max. trailer tongue load (lbs.)	Std. / Opt.	100
Towing package available	Yes / No	No

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

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 9/94 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	SAE Ref. No.	
		COUPE
Width		
Tread (front)	W101	1512 (59.5)
Tread (rear)	W102	1500 (59.0)
Vehicle width	W103	1842 (72.5)
Body width at SqRP (front)	W117	1795 (70.6)
Vehicle width (front doors open)	W120	4057 (159.7)
Vehicle width (rear doors open)	W121	N/A
Tumble-home (degrees)	W122	28
Outside mirror width	W410	1980 (77.9)

Length

Wheelbase	L101	2730 (107.5)
Vehicle length	L103	5099 (200.7)
Overhang (front)	L104	1172 (46.1)
Overhang (rear)	L105	1197 (47.1)
Upper structure length	L123	2877 (113.2)
Rear Wheel C/L "X" coordinate	L127	4525 (178.1)

Height **

Passenger distribution (front/rear)	PD1_2,3		**
Trunk/cargo load			**
Vehicle height	H101	1368 (53.8)	
Cowl point to ground	H114		
Deck point to ground	H138		
Rocker panel-front to ground	H112	194 (7.6)	
Rocker panel-rear to ground	H111	195 (7.7)	
Windshield slope angle (degrees)	H122	63 (2.4)	
Backlight slope angle (degrees)	H121	69 (2.7)	

Ground Clearance **

Front bumper to ground	H102	
Rear bumper to ground	H104	
Bumper to ground front at curb mass (wt.)	H103	
Bumper to ground rear at curb mass (wt.)	H105	
Angle of approach (degrees)	H106	
Angle of departure (degrees)	H107	
Ramp breakover angle (degrees)	H147	
Axle differential to ground (front/rear)	H153	
Min. running ground clearance	H156	165 (6.5)
Location of min. running ground clear.		

** 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 MONTE CARLO
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary) Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	COUPE
------------------------	--------------	-------

Front Compartment

SgRP front, "X" coordinate	L31	3140 (123.6)
Effective head room	H61	963 (37.9)
Max. effective leg room (accelerator)	L34	1076 (42.4)
SgRP to heel point	H30	240 (9.4)
SgRP to heel point	L53	876 (34.4)
Back angle (degrees)	L40	26.0 (1.0)
Hip angle (degrees)	L42	98.0 (3.9)
Knee angle (degrees)	L44	128 (5.0)
Foot angle (degrees)	L46	87 (3.4)
Design H-point front travel	L17	208 (8.1)
Normal driving & riding seat track trvl.	L23	179 (7.0)
Shoulder room	W3	1460 (57.5)
Hip room	W5	1356 (53.4)
*** Upper body opening to ground	H50	1203 (47.3)
Steering wheel maximum diameter**	W9	375 (14.7)
Steering wheel angle (degrees)	H18	22 (0.9)
Accel. heel pt. to steer. whl. cntr.	L11	
Accel. heel pt. to steer. whl. cntr.	H17	
Undepressed floor covering thickness	H67	25 (1.0)

Front Compartment Interior Dimensions are Measured with the Seating Reference Point (SgRP) _____ mm forward and _____ mm Upward of Rearmost Position.

Rear Compartment

SgRP point couple distance	L50	792 (31.1)
Effective head room	H63	938 (36.9)
Min. effective leg room	L51	886 (34.9)
SgRP (second to heel)	H31	250 (9.8)
Knee clearance	L48	22 (0.8)
Shoulder room	W4	1463 (57.6)
Hip room	W6	1310 (51.6)
*** Upper body opening to ground	H51	
Back angle (degrees)	L41	28
Hip angle (degrees)	L43	84
Knee angle (degrees)	L45	87
Foot angle (degrees)	L47	123
Depressed floor covering thickness	H73	17 (6.7)

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	445 (17.5)
*** Lifter height	H195	679 (26.7)

Interior Volumes (EPA Classification)

Vehicle class	Mid-Size
Interior volume index including trunk/cargo (cu. ft.)**	111.8
Trunk/cargo index (cu. ft.)	15.7

* See page 14.

** See definition page 33.

All linear dimensions are in millimeters (inches) unless otherwise noted.

*** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary) Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description

COUPE

Station Wagon/MPV* -Third Seat

SAE
 Ref.
 No. (NOT APPLICABLE)

Seat facing direction	SD1	
SgRP coupe 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 (degrees)	L88	
Hip angle (degrees)	L89	
Knee angle (degrees)	L90	
Foot angle (degrees)	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 m ³ (ft. ³)	V2	
Hidden cargo volume index m ³ (ft. ³)	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 m ³ (ft. ³)	V3	
Hidden cargo volume index m ³ (ft. ³)	V4	
Cargo volume index - rear of 2-seat	V11	

All linear dimensions are in millimeters (inches) unless otherwise noted.

* MPV - Multipurpose Vehicle

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6-94 Revised (*) _____

METRIC (U.S. Customary)

Model Code/
Description

COUPE

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	<p>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.</p> <p>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.</p> <p>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.</p>
Rear	<p>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.)</p> <p>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.)</p> <p>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.)</p>
NOTE: Provide 3 of 4 Fiducial Mark Locations	
Front	W21** 555.0
	L54** 2775.0 (109.2)
	H81** 278.0 (10.9)
	H161*** 334.0 (13.1)
	H163*** 314.0 (12.3)
Rear	W22** 488 (19.2)
	L55** 5200 (204.7)
	H82*** 388 (15.2)
	H162*** 445 (17.5)
	H164*** 425 (16.7)

* Reference - SAE Recommended Practice, J182a, 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) unless otherwise noted.

**MVMA Specifications
METRIC (U.S. Customary)**

		VEHICLE MASS (WEIGHT)				% PASS MASS DISTRIBUTION				
Code	Model	CURB MASS, kg. (lb.)*			Shipping Mass kg (lb)***	ETWC** Code	Pass in Front		Pass in Rear	
		Front	Rear	Total			Front	Rear	Front	Rear
	MONTE CARLO LS 1WW27	949.6	536.4	1486.0	1448	U	49.4	50.6	21.8	78.2
	2-Dr. Notchback Coupe (L82 & M13)	(2093)	(1183)	(3276)	(3193)					
	MONTE CARLO Z34 1WX27	1021.0	544.6	1565.6	1527	W	49.4	50.6	21.8	78.2
	2-Dr. Notchback Coupe (LQ1 & M13)	(2251)	(1201)	(3452)	(3367)					

* 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:
 38 (84)

MVMA Specifications
METRIC (U.S. Customary)

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6/94 Revised (*) _____

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
AG1	Seat Adj-6 Way Pwr Drv Only	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
AM9	Seat-RR, Split Back, Fldg.	.4 (.9)	4.0 (4.4)	2.4 (5.3)	
AQ9	Seat Front-Bucket/Recliner	6.0 (13.2)	6.0 (13.2)	12.0 (26.4)	
AR9	Seat Front Bkt, Euro P/D Recliner	-2.4 (-5.3)	-1.8 (-4.0)	-4.2 (-9.3)	
A90	Lock-RR Compt Lid, Rem Cont Ele.	.0 (0)	.2 (.44)	.2 (.44)	
BF9	Cover-Fir. Mat Delete	-1.8 (4.0)	-1.4 (3.0)	-3.2 (7.0)	
C49	Defogger-RR Window, Electric	.0 (0)	.2 (.4)	.2 (.4)	
DG7	Mirror - O/S, L&R, Elec. Painted	.2 (.4)	.0 (0)	.2 (.4)	
D55	Console-Frt. Compt. Floor	2.0 (4.4)	2.0 (4.4)	4.0 (8.8)	
F41	Suspension System Frt/RR, Firm Ride Hdlg.	1.0 (2.2)	1.0 (2.2)	2.0 (4.4)	
KC4	Cooling System - Eng. Oil	2.4 (5.3)	-.2 (-.4)	2.2 (4.9)	
KD1	Cooling System - Trans Oil	1.4 (3.1)	-.2 (-.4)	1.2 (2.6)	
K05	Heater - Engine Block	.4 (.9)	.0 (0)	.4 (.9)	
K34	Cruise Control Auto Electronic	1.2 (2.6)	.0 (0)	1.2 (2.6)	
LQ1	Engine-Gas, 6 Cylinder 3.4L, MF1	61.4 (135.4)	-7.8 (-17.2)	53.6 (118.2)	
NC5	Exhaust-Dual Vert Tail Pipes	1.0 (2.2)	10.8 (23.8)	11.8 (26.0)	

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

MVMA Specifications
METRIC (U.S. Customary)

Vehicle Line MONTE CARLO
 Model Year 1995 Issued 6/94 Revised (*) _____

Code	Equipment	Optional Equipment Differential Mass (weight)*			Remarks Restrictions, Requirements
		MASS, kg. (lb.)			
		Front	Rear	Total	
N81	Full Size Spare Tire	.0 (0)	2.6 (5.7)	2.6 (5.7)	
PY0	Wheel - 16 x 6.5 Aluminum	-3.2 (-7.1)	-3.2 (-7.1)	-6.4 (-14.2)	
QNX	Tire-P225/60R16/NBL	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
QVG	Tire-P225/60R16/N	2.2 (4.9)	2.2 (4.9)	4.4 (9.8)	
UA1	Battery-High Capacity, Wet	1.6 (3.5)	.0 (0)	1.6 (3.5)	
UL0	Radio-AM/FM Stereo	.6 (1.3)	.2 (.4)	.8 (1.7)	
UL5	Radio-Delete	-2.2 (-4.9)	-1.4 (-3.1)	-3.6 (-8)	
UM6	Radio-AM/FM Stereo, S&S, Cass, CL	.6 (1.3)	.2 (.4)	.8 (1.7)	
UN0	Radio-AM/FM Cassette	.8 (1.8)	.2 (.4)	1.0 (2.2)	
UV8	Telephone Provision	.2 (.4)	.2 (.4)	.4 (.8)	
U62	Speaker System - 4, Dual Frt Coax	.2 (.4)	.2 (.4)	.4 (.8)	
VB7	Bumper Frt & RR Sport	-.6 (-1.3)	.2 (.4)	-.4 (-.9)	
VK3	License Plt Frt Mount Package	.4 (.8)	-.2 (-.4)	.2 (.4)	
VR6	Hook Tie Down	.2 (.4)	.2 (.4)	.4 (.8)	
V08	Radiator-Heavy Duty	2.0 (4.4)	.0 (0)	2.0 (4.4)	
Z7G	Monte Carlo Z34	.4 (.9)	.2 (.4)	.6 (1.3)	

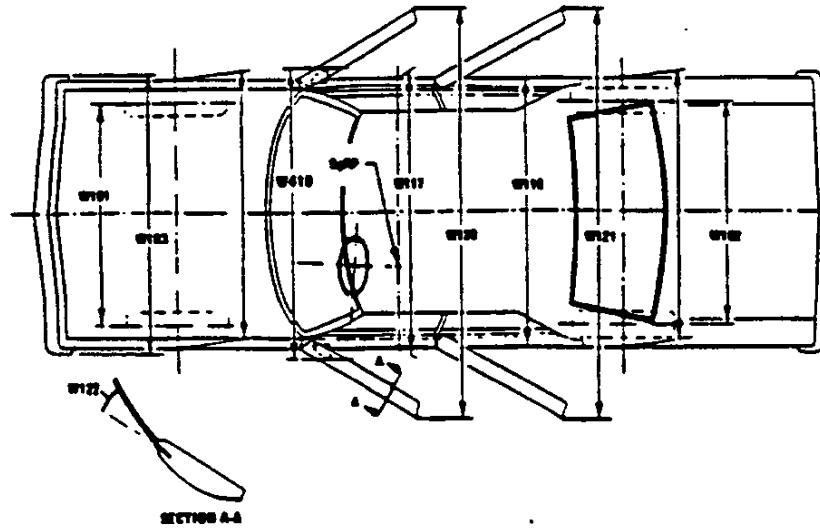
* Also see Engine - General Section for dressed engine mass (weight.)

MVMA Specifications

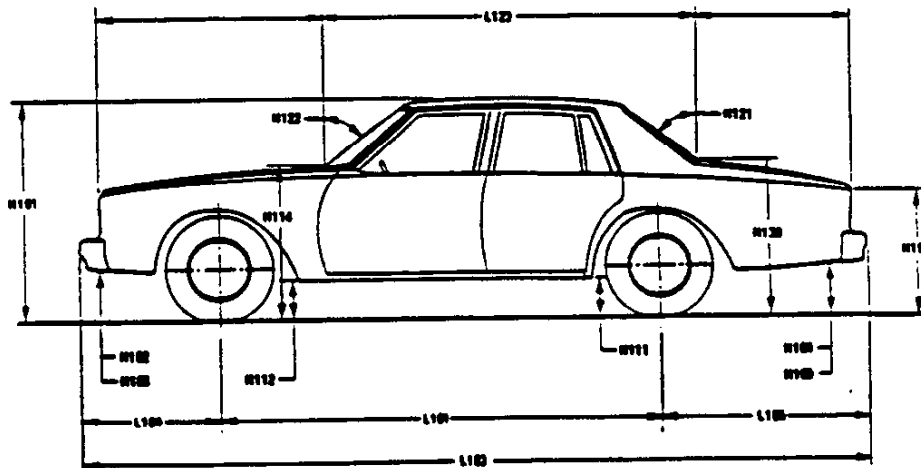
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions - Key Sheet

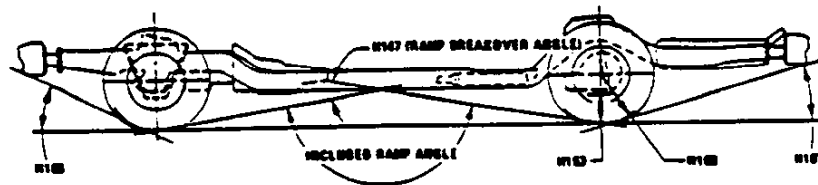
Exterior Width



Exterior Length & Height

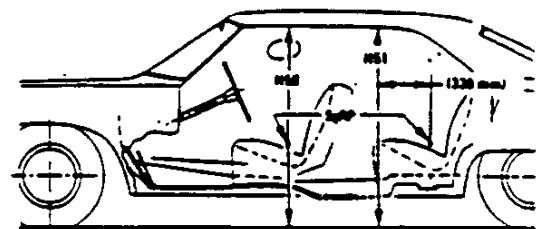
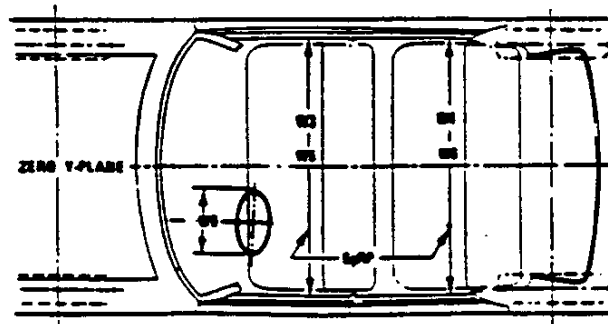
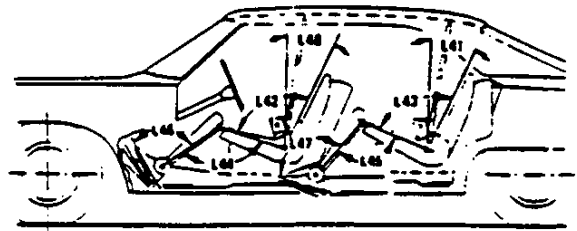
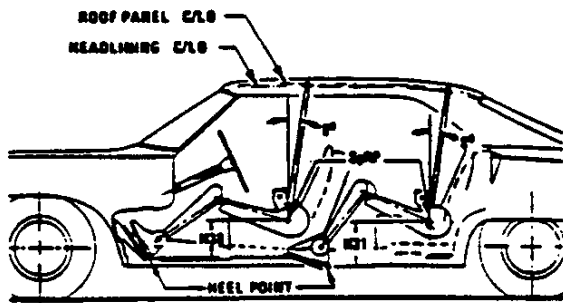
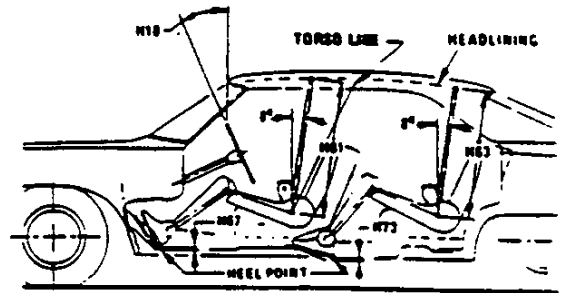
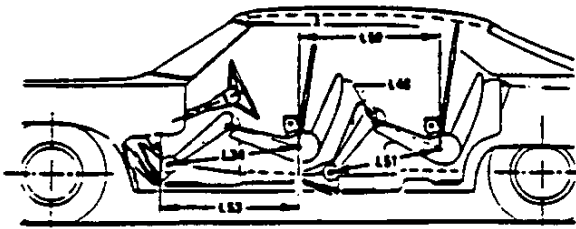


Exterior Ground Clearance



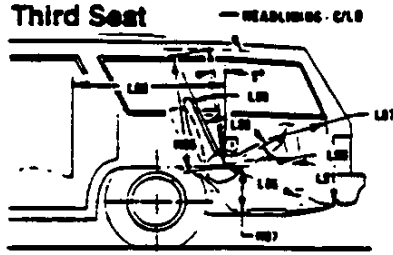
MYMA Specifications Form
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

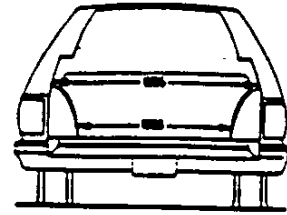


Interior Vehicle And Body Dimensions - Key Sheet

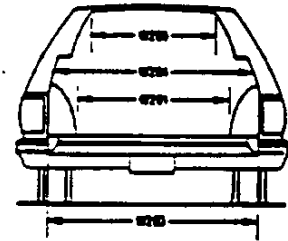
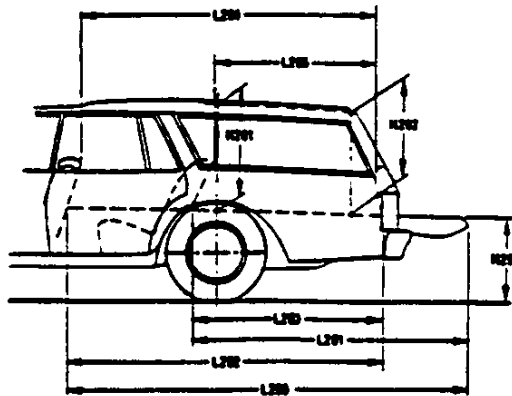
Third Seat



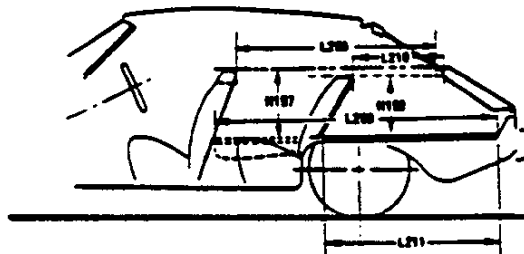
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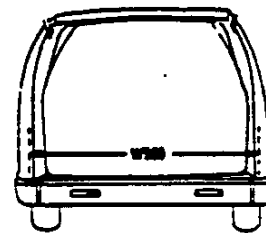
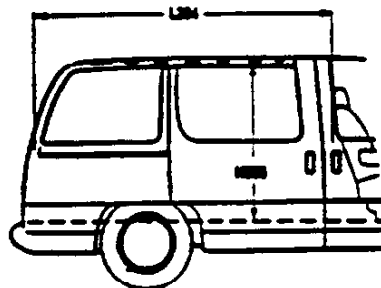
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

MVMA SPECIFICATIONS

METRIC (U. S. Customary)

Exterior Vehicle And Body Dimensions - Key Sheet

Dimensions Definitions

Seating Reference Point

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

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

Width Dimensions

- W101 TREAD-FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD-REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP-FRONT. The dimension measured laterally between the widest points on the body at the SGRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH-FRONT DOORS OPEN. The dimension measured between the widest point on the rear 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.
- W410 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 centerline. 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 stops, if standard equipment.
- L104 OVERHANG-FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hook and/or rub stops, 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 stops, 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 STATICLOAD-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 BUMPERTO GROUND-CURBMASS(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.

MVMA SPECIFICATIONS

METRIC (U. S. Customary)

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 WHEEL 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.
- L40 BACK ANGLE-FRONT. The angle measured between a vertical line through the SgRP-front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L42 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 (4.0 in.).
- 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

- L41 BACK ANGLE-SECOND. The angle measured between a vertical line through the SgRP-second and the torso line.
- L43 HIP ANGLE-SECOND. The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE-SECOND. The angle measured between thigh centerline and lower leg centerline.
- L47 FOOT ANGLE-SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE-SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
- L50 SgRP COUPLE DISTANCE-SECOND. The dimension measured horizontally from the driver SgRP-front to the SgRP-second.
- L51 MINIMUM EFFECTIVE LEG ROOM-SECOND. The dimension measured along a line from the ankle pivot center to the SgRP-second plus 254 mm (10.0 in.).
- W4 SHOULDER ROOM-SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP-second at height between 254-406 mm (10.0-16.0 in.) above the SgRP-second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM-SECOND. Measured in the same manner as W5.
- H31 SgRP-SECOND TO HEEL. The dimension measured vertically from the SgRP-second to the two dimensional device heel point on the depressed floor covering.
- H51 UPPER BODY OPENING TO GROUND-SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP-second.
- H63 EFFECTIVE HEAD ROOM-SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
- H73 FLOOR COVERING-DEPRESSED-SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

MVMA SPECIFICATIONS

METRIC (U. S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

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

Interior Volumes (EPA Classification)

The Interior 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 (2.0in.). 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 on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH-CLOSED-FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
L203 CARGO LENGTH-CLOSED-SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
L204 CARGO LENGTH AT BELT-FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.
L205 CARGO LENGTH AT BELT-SECOND. The minimum dimension measured horizontally from the back of the second seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
W201 CARGO WIDTH-WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure to the sheet metal.
W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
W500 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.
H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.
H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.
H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
H250 TAILGATE TO GROUND CURB MASS (WT.) The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

MVMA SPECIFICATIONS

METRIC (U. S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

<p>V2 STATION WAGON Measured in inches:</p> $\frac{W4 \times H201 \times L204}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{W4 \times H201 \times L204}{10^6} = \text{m}^3(\text{cubicmeter})$	<p>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.</p> <p>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.</p> <p>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 towed 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.</p>
<p>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.</p> <p>V5 TRUCKS AND MPV'S WITH OPEN AREA. Measured in inches:</p> $\frac{L506 \times W505 \times H503}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{L506 \times W500 \times H503}{10^6} = \text{m}^3(\text{cubicmeter})$	<p>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.</p> <p>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.</p> <p>H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undepressed floor covering.</p>
<p>V6 TRUCKS AND MPV'S WITH CLOSED AREA. Measured in inches:</p> $\frac{L204 \times W500 \times H505}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{L204 \times W500 \times H505}{10^6} = \text{m}^3(\text{cubicmeter})$	<p>V3 HATCHBACK. Measured in inches:</p> $\frac{\frac{L208+L209}{2} \times W4 \times H197}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{\frac{L208+L209}{2} \times W4 \times H197}{10^6} = \text{m}^3(\text{cubicmeter})$
<p>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.</p> <p>V10 STATION WAGON CARGO VOLUME INDEX. Measured in inches:</p> $\frac{H201 \times L205 \times \frac{W4+W201}{2}}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{H201 \times L205 \times \frac{W4+W201}{2}}{10^6} = \text{m}^3(\text{cubicmeter})$	<p>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.</p> <p>V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor: Measured in inches:</p> $\frac{\frac{L210+L211}{2} \times W4 \times H198}{1728} = \text{ft.}^3$ <p>Measured in mm:</p> $\frac{\frac{L210+L211}{2} \times W4 \times H198}{10^6} = \text{m}^3(\text{cubicmeter})$

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).

MVMA SPECIFICATIONS

METRIC (U. S. Customary)

Index

Subject	Page No.	Subject	Page No.
Alternator	16	Passenger Capacity	1
Axle, Drive, Front, Rear, All Four	2, 9, 10	Passenger Mass Distribution	26
Axle Shafts	10	Pistons	3
Battery	16	Power Brakes	12
Body and Miscellaneous Information	17	Power Engine	2
Brakes-Parking Service	12, 13	Power Steering	14
Camber	15	Power Teams	2
Camshaft	3	Propeller Shaft	10
Capacities		Pumps-Fuel	6
Cooling System	5	Water	5
Fuel Tank	6	Radiator-Cap, Hoses, Core	5
Lubricants		Ratios-Axle, Transaxle	2,9,10
Engine Crankcase	4	Compression	2
Transmission/Transaxle	8,9	Steering	14
Rear Axle	10	Transmission/Transaxle	2,8,9
Carburetor	2,6	Rear Axle	2,10
Caster	15	Regulator-Alternator	16
Climate Control System	19	Restraint System	18
Clutch-Pedal Operated	8	Rims	13
Coil, Ignition	16	Rods-Connecting	4
Connecting Rods	4	Scrub Radius	14
Convenience Equipment	20-21	Seats	17
Cooling System	5	Shock Absorbers, Front & Rear	11
Crankshaft	4	Spark Plugs	16
Cylinders and Cylinder Head	3	Speedometer	15
Diesel Information	4	Springs-Front & Rear Suspension	11
Dimension Definitions		Stabilizer (Sway Bar)-Front & Rear	11
Key Sheet-Exterior	28,31,32	Starting System	16
Key Sheet-Interior	29,30,32,33,34	Steering	14
Electrical System	15,16	Suppression-Ignition, Radio	16
Emission Controls	7	Suspension-Front & Rear	11
Engine-General		Tail Pipe	7
Bore, Strokes, Type	3	Theft Protection	21
Compression Ratio	2	Thermostat, Cooling	5
Displacement	2,3	Tires	13
Firing Order, Cylinder Numbering	3	Toe-In	15
General Information, Power & Torque	2	Torque Converter	9
Intake System	4	Torque-Engine	2,8,9
Power Teams	2	Trailer Towing	21
Exhaust System	7	Transaxle	9
Equipment Availability, Convenience	20	Transmission-Types	2,8,9
Fan, Cooling	5	Transmission-Automatic	2,9
Filters - Engine Oil, Fuel System	4	Transmission-Manual	2,8
Four Wheel Drive	10	Transmission-Ratios	2,8,9
Frame	17	Tread	22
Front Suspension	11	Trunk Cargo Load	1
Front Wheel Drive Unit	10	Trunk Luggage capacity	23
Fuel Economy, EPA	1	Turning Diameter	14
Fuel Injection	6	Unibed Construction	18
Fuel System	6	Universal Joints, Propeller Shaft	10
Fuel Tank	6	Valve System	4
Glasses	18	Vehicle Dimensions	
Headlamps	18	Width	22
Headroom-Body	23,24	Length	22
Heights	22	Height	22
Horns	15	Ground Clearance	22
Horsepower-Brake	2	Front Compartment	23
Ignition System	16	Rear Compartment	23
Inflation-Tires	13	Luggage Compartment	23
Interior Volumes	23	Station Wagon-Third-Seat	24
Instruments	15	Station Wagon-Cargo Space	24
Legroom	23,24	Hatchback-Cargo Space	24
Lengths	22	Fiducial Marks	25
Leveling,Suspension	11	Voltage Regulator	16
Lifters, Valve	4	Water Pump	5
Linings-Clutch, Brake	8,12	Weights	26,27
Lubrication-Engine Transmission/Transaxle	4,8,9	Wheel Alignment	15
Luggage Compartment	23	Wheelbase	22
Models	1	Wheels & Tires	13
Motor Starting	16	Wheel Spindle	14
Muffler	7	Widths	22
Origin	1	Windshield	18
		Windshield Wiper and Washer	15