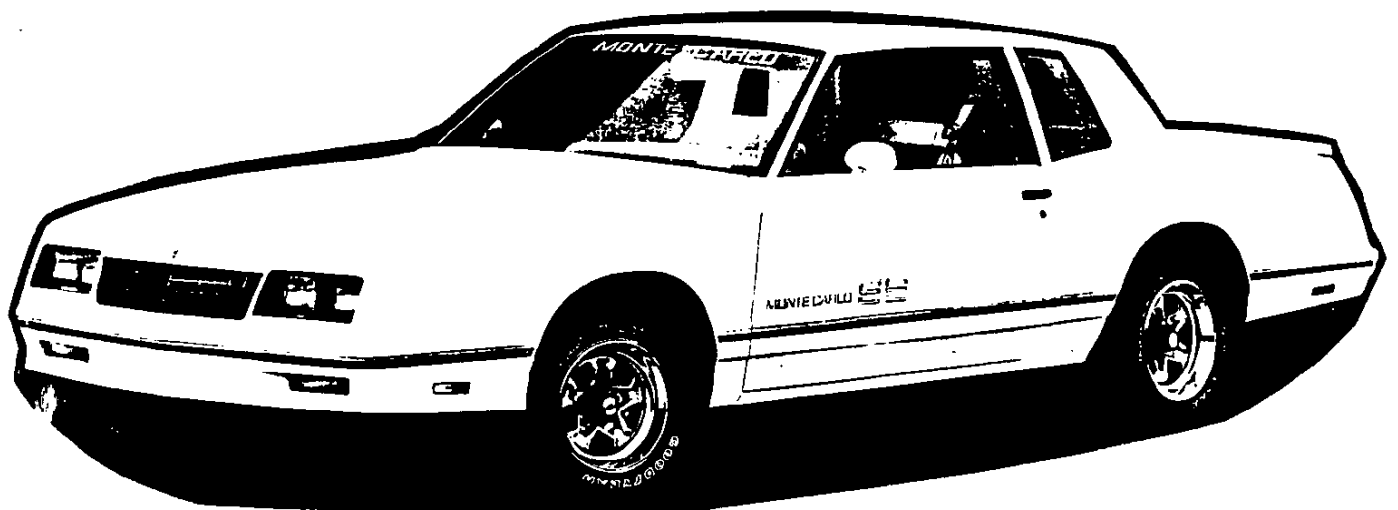
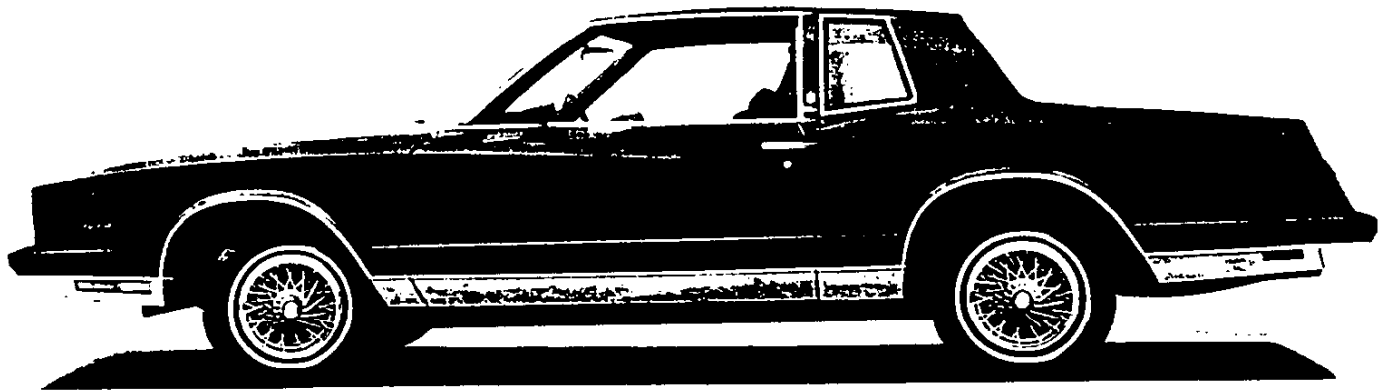
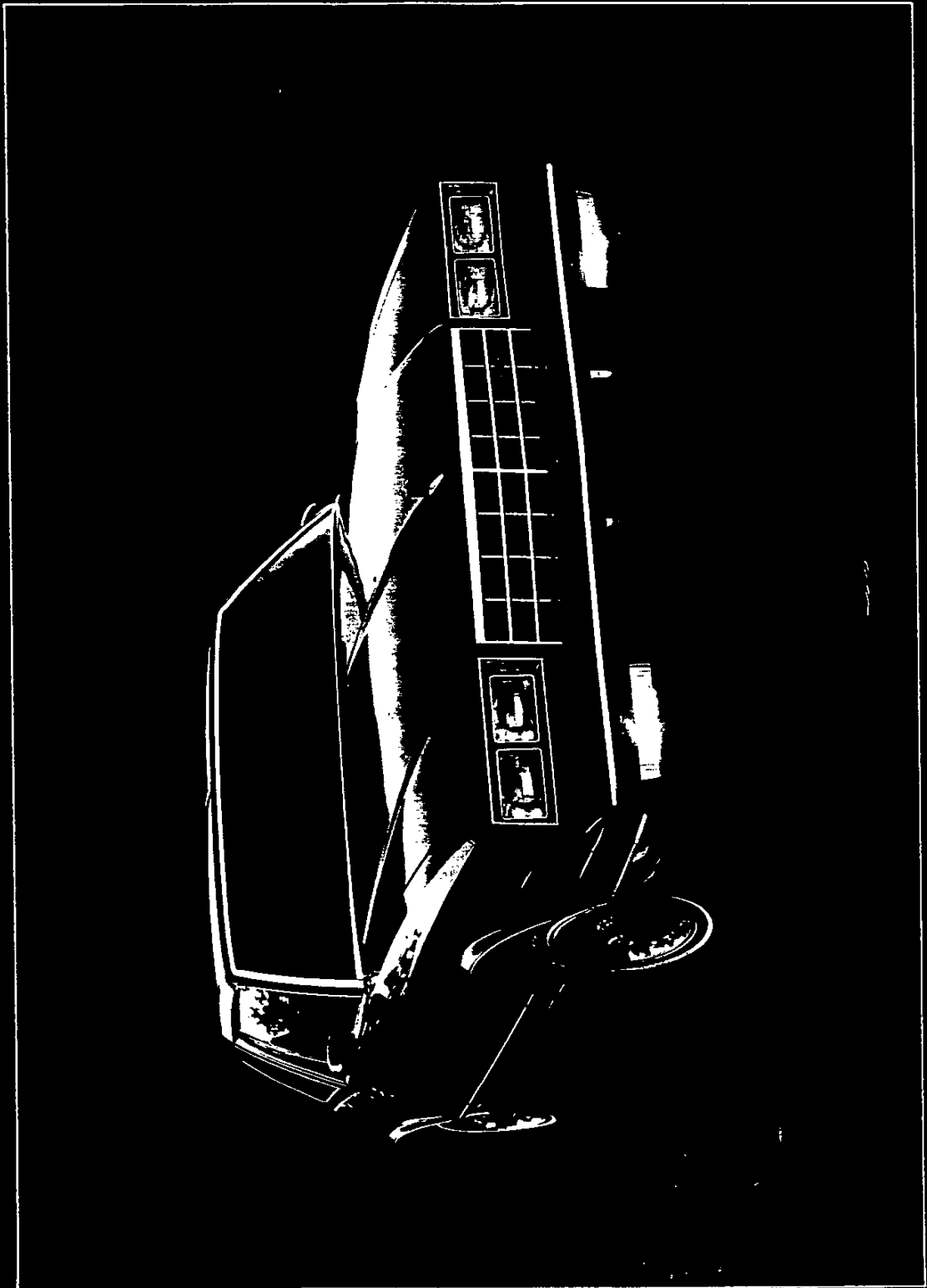


Chevrolet



1983 Monte Carlo

.....



Monte Carlo Sport Coupe



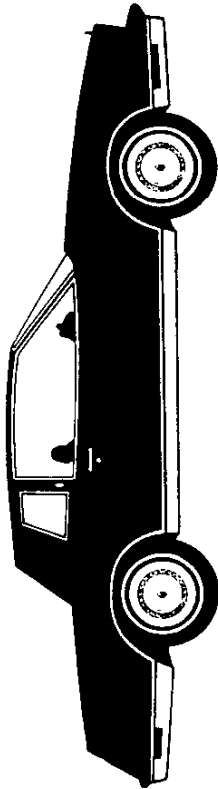
MONTE CARLO SPORT COUPE

Elegant, Economical — in Gas or Diesel — at a Chevrolet Price

Monte Carlo has the sleek, contemporary aerodynamic shape so popular in today's market. Even though the ranks of six-passenger mid-size makes have thinned, Monte Carlo still offers this important attribute — at a Chevrolet price. A new grille, new colors, and new interiors enhance the 1983 Monte Carlo. But those things which have made Monte Carlo a Monte Carlo have not changed. The fine road manners that have been a mark of Monte Carlo's suspension remain. The hushed, smooth ride is inherent in its full-perimeter frame, cushioned from

the body by 14 thick body mounts. Road noises are minimized before they reach the passenger compartment. The fuel efficiency of the standard V6, plus the extra performance of an available V8 is joined by either a V6 or V8 Diesel to give the buyer a choice of power and economy that can't be matched at a Chevrolet price. Power steering, power brakes, automatic transmission, plus the nice touches of a fold-down front seat armrest and large door pull straps show that Monte Carlo is right up there with cars in its class — at a Chevrolet price.

1983 MONTE CARLO



Sport Coupe

Monte Carlo
Sport Coupe

Model No.
1GZ37

Index

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Dimensions/Specifications	14

See Dealer Order Guide for latest available information.

EQUIPMENT SUMMARY

POWER TEAMS/ CHASSIS/MECHANICAL	Monte Carlo Sport Coupe
3.8 L 2-Bbl. V6 (229 CID)	S†
3.8 L 2-Bbl. V6 (231 CID)	S††
4.3 L Diesel V6 (260 CID)	EC†
5.0 L 4-Bbl. V8 (305 CID)	EC
5.7 L Diesel V8 (350 CID)	EC
Computer Command Control (except diesel)	S
Automatic transmission	S
Power steering	S
Power disc/rear drum brake system	S
Ventil front disc brake rotors and lined rear brake drums	S
Disc brake audible wear sensors	S
P195/75R-14 steel-belted radial ply tires	S
Compact spare	S
14" x 6" wheels	S
Coolant recovery system	S
High Energy Ignition system	S
Concealed dual-speed electric windshield wipers	S
Dual-mode flow-thru ventilation system	S
Delco Freedom Plus II battery with sealed side terminals	S
Deflection generator with built-in solid-state regulator	S
Front stabilizer bar	S
Full 6 coil suspension system	S
Independent coil-spring spherical joint front suspension (short and long arm type) with low-friction non-metallic spherical joint liners and built-in anti-dive control	S
Visible ball joint wear indicators on front suspension lower control arms	S
Front-link-type rear suspension with dual brake-mounted upper control arms and parallel-mounted lower control arms	S
Direct double-acting sealed-unit hydraulic shock absorbers	S

POWER TEAMS/ CHASSIS/MECHANICAL (Cont'd)	Monte Carlo Sport Coupe
Steel roof panel with double-flanged channel-crossed reinforcing bows	S
Box-section design roof rails, windshield and rear window headers, door and roof pillars	S
High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel	S
All-welded heavy-gauge steel body construction including cowl, roof, underbody and body panels	S
Double panel door, hood and deck lid	S
Counterbalanced hood, deck lid	S
Ball-rod front-end sheet metal cushion-mounted to frame and radiator support assembly	S
Full-perimeter frame	S
Fourteen-cushion rocky mounting system	S
Body-color bumpers with high-strength reinforcements	S
Front and rear inner fenders	S
Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills	S
Long recommended service intervals for oil change, oil filter, spark plugs,* chassis lubrication and automatic transmission fluid	S
EXTERIOR	
Bright windshield reveal molding	S
Dual rectangular headlamps	S
Dual bright outside rearview mirrors	S
Chrome-plated grille	S
Chrome-plated headlamp bezels	S
Bright roof drip moldings	S
Bright lower body side moldings	S
Stand-up hood ornament	S
Body pin striping	EC
Full wheel covers	S

EXTERIOR (Cont'd)	Monte Carlo Sport Coupe
Aluminum wheels	EC
Wire wheel covers	EC
Wheel opening moldings	S
Bright quarter window reveal molding	S
Bright deck lid and end cap moldings	S
Bright tail lamp trim	S
Recessed rear license plate	S
Deck lid lock cover	S
INTERIOR	
Full-width front seat with folding armrest	S
Molded lower door panels with padded armrests and carpeted lower section	S
Vinyl over-pati strips	S
Simulated leather-grain applique on instrument panel and steering wheel shroud	S
Day/night rearview mirror	S
Center dome light	S
Color-keyed steering wheel, column, and instrument panel	S
Color-keyed seat and shoulder belts	S
Multi-function turn signal/dimmer/wiper/washer "Smart Switch"	S
Speedometer calibrated in MPH and KPH (kilometers per hour)	S
Glove compartment lock	S
Instrument panel courtesy, ashtray, and glove compartment lights	S
Dual horns	S
Cigarette lighter	S
One-piece cloth headliner over thick foam padding	S
Color-keyed one-piece car-pile carpeting	S
Luggage compartment mat	S
High-level acoustical insulation	S

† — Except in California †† — California only

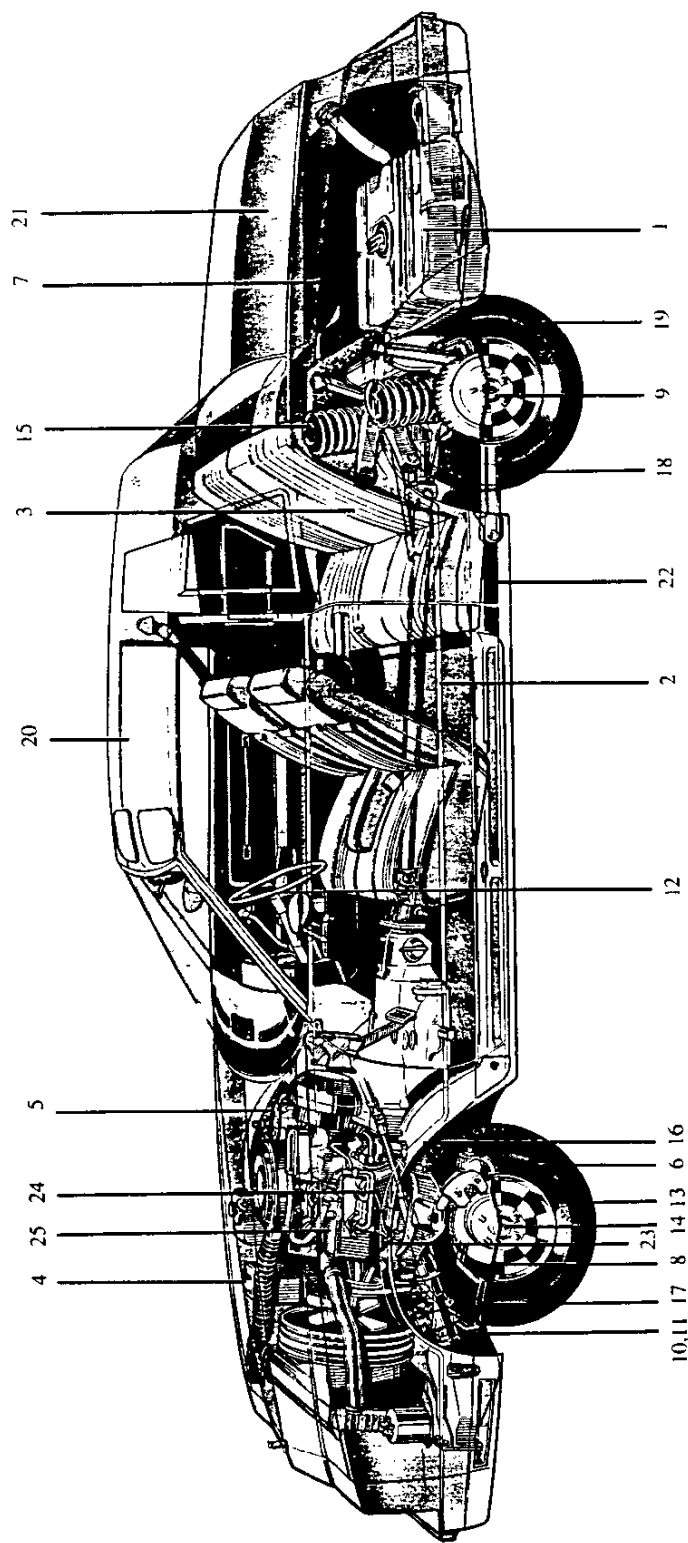
S — Standard EC — Extra Cost *Except diesel

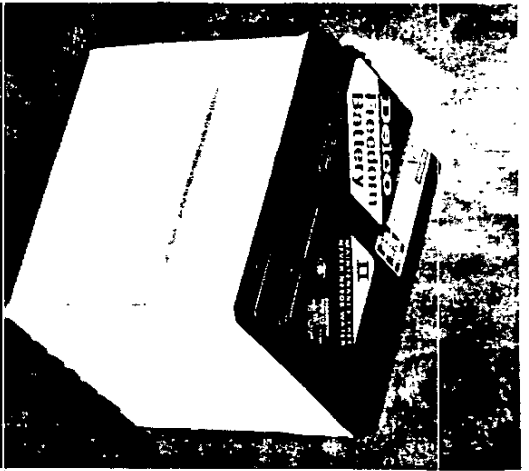
STANDARD FEATURES

- 1. 18.1-gallon Fuel Tank (19.8-gal. w/Diesel)
- 2. Single Exhaust System with Crossover and Catalytic Converter (Except diesel)
- 3. Full-foam, Molded Seat Construction helps seats keep their shape and upholstery from wrinkling
- 4. Delco Freedom Plus II Battery
- 5. High Energy Ignition System
- 6. 14" x 6" Steel Wheels
- 7. Compact Spare takes up less trunk space and is easier to lift than a full-size spare
- 8. 10 1/2" Vented Front Disc Rotors to help keep brakes cool
- 9. 9.5" Rear Drum Diameter
- 10. Recirculating-Ball Steering Gear
- 11. 15:1 Steering Gear Ratio

- 12. 3.3 Steering Wheel Turns (lock-to-lock) for ease of parking and quick maneuvers
- 13. 37.1" Turning Diameter, curb-to-curb
- 14. Tapered Roller Wheel Bearings
- 15. Full Coil Suspension
- 16. Independent Front Suspension (Short- and Long-Arm)
- 17. Front Stabilizer Bar (link-type)
- 18. Salisbury axle, 4-link Rear Suspension
- 19. Steel-Belted Radial Ply Tires
- 20. Total Glass Area: 3488.6 sq. in.

- 21. 16.2-cu.-ft. Luggage Compartment
- 22. Full-Perimeter Frame
- 23. Cast-iron Cylinder Block and Heads
- 24. Aluminum Intake Manifold
- 25. Hydraulic Valve Lifters require no periodic adjustment

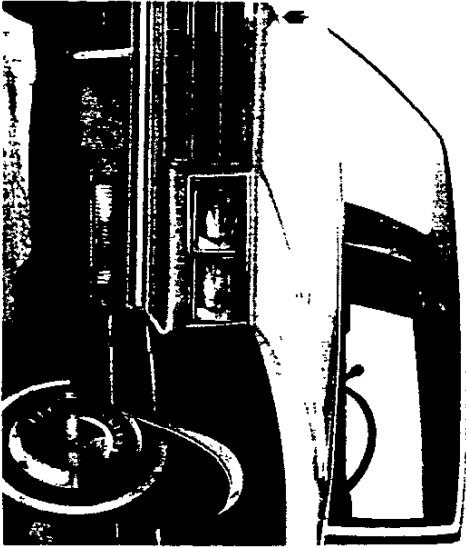




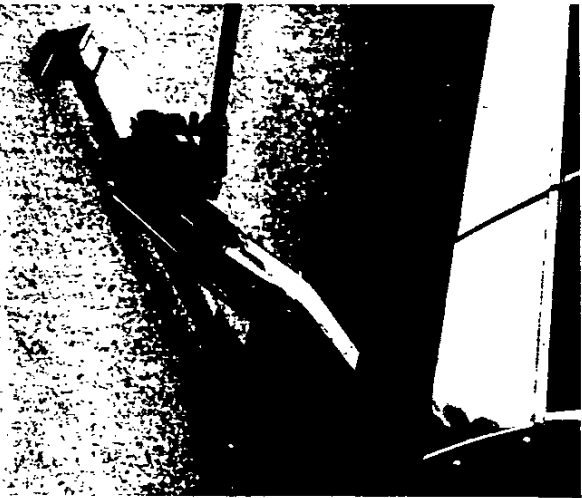
Delco Freedom Plus II Battery with High Energy Ignition System



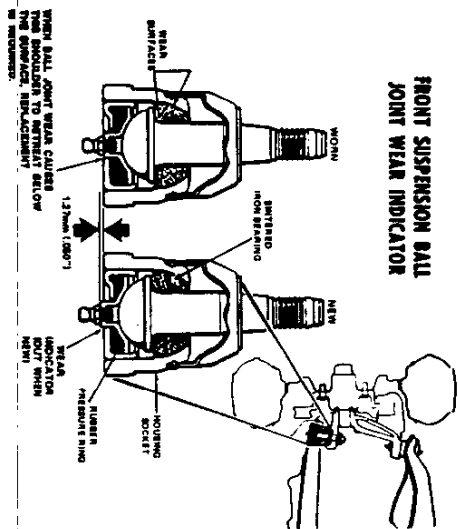
Full-Perimeter Frame with 14 Cushioned Body-Mounting Points



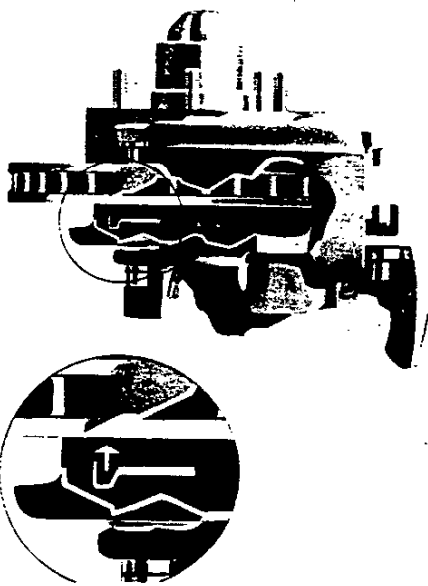
Concealed Windshield Wipers



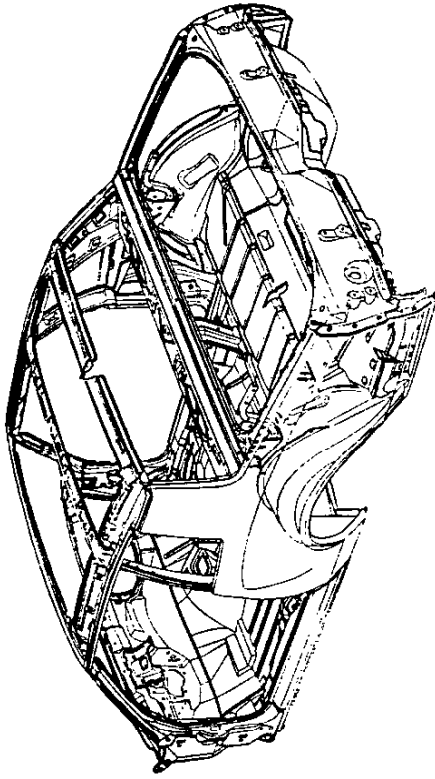
Side-Lift Frame Jack



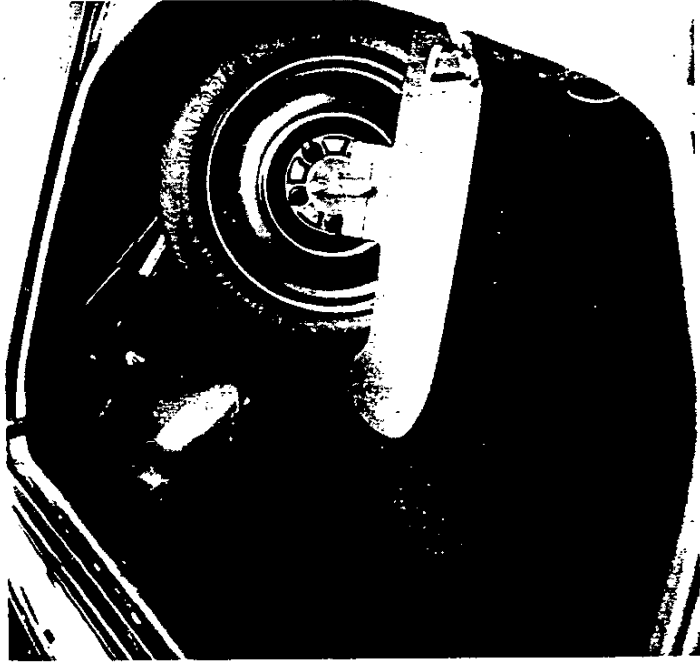
Front Suspension Lower Ball Joint Wear Indicator



Low-Drage Front Disc Brakes with Audible Wear Sensors



All-Welded Heavy-Gauge Steel Body Construction Including Cowl, Roof, Underbody, and Body Panels



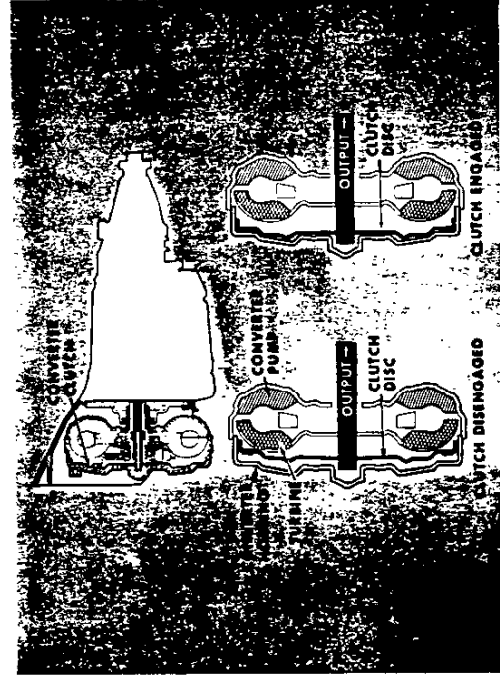
Large (16.2 cu. ft.) Trunk Space with Compact Spare Tire



Full Foam Seat Construction



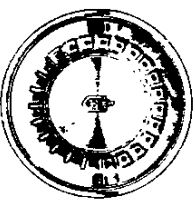
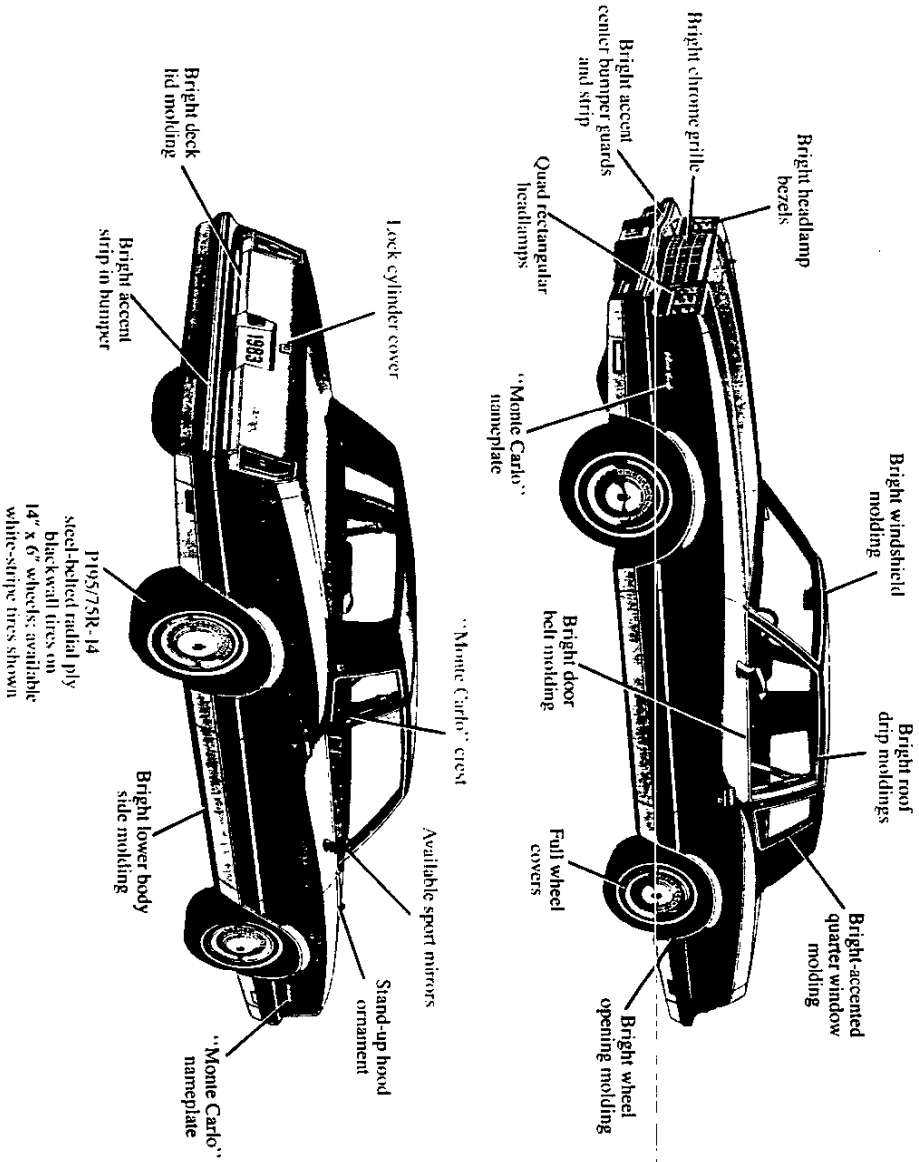
Multi-Function Turn Signal/Dimmer/Wiper/Washer Switch



Automatic Transmission with Torque Converter Clutch

MONTE CARLO

Sport Coupe



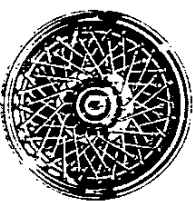
Standard Monte Carlo Wheel Cover



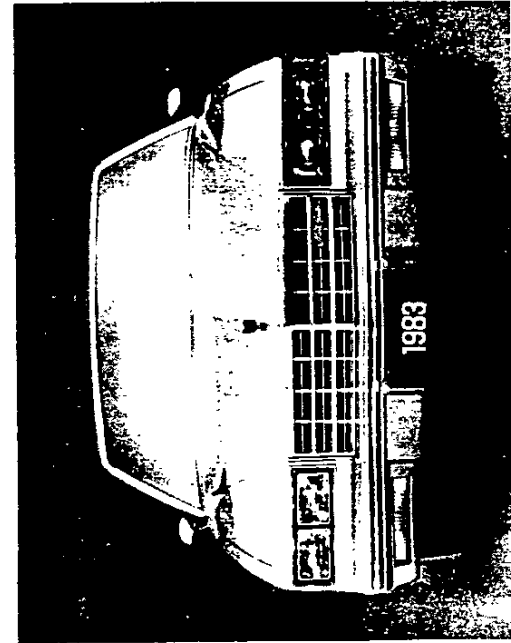
Available Aluminum Wheel (RPO N90)



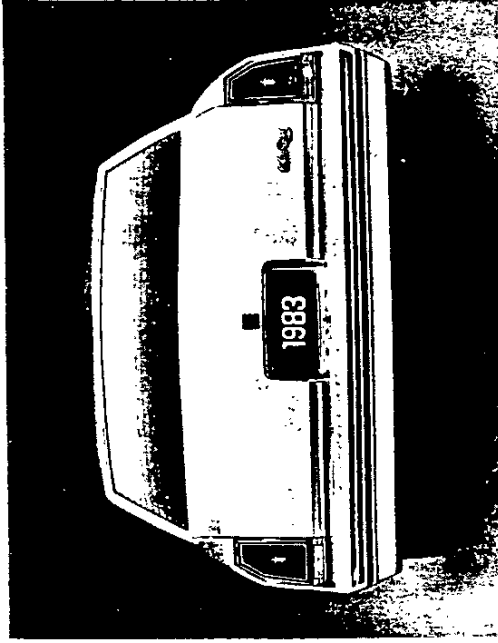
Available Rally Wheel (RPO Z17)



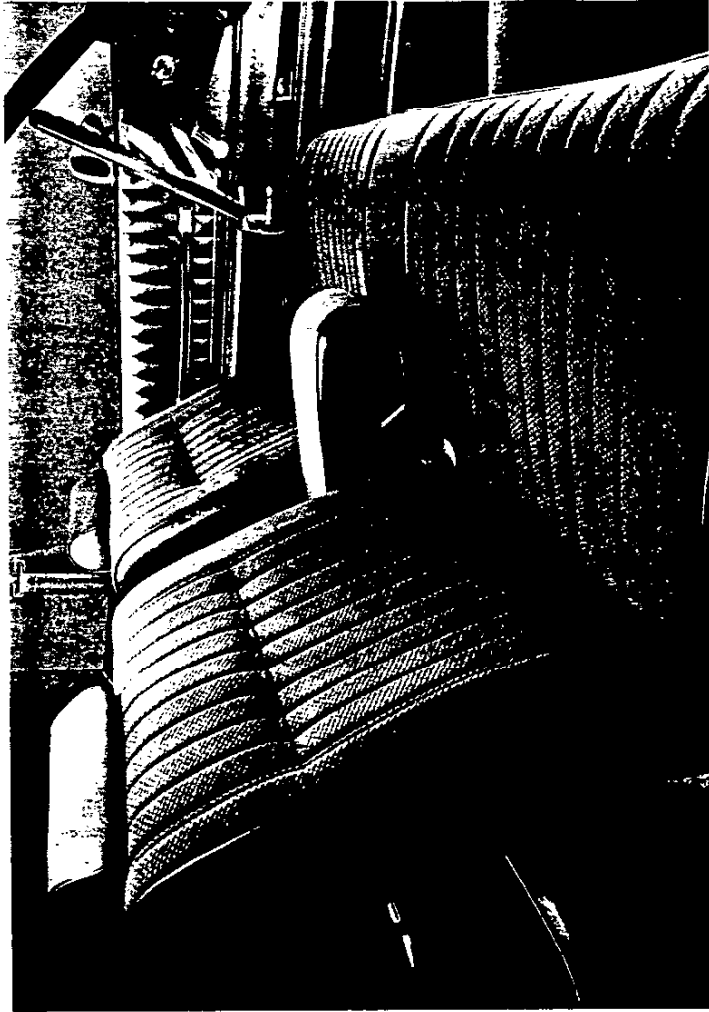
Available Wire Wheel Cover (RPO N95)



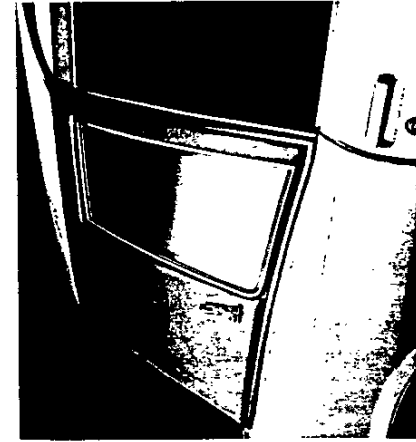
Monte Carlo Front Styling Featuring a Large-Segment Grille Design



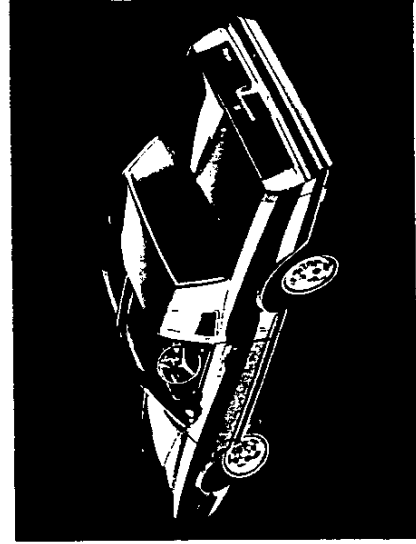
Monte Carlo Rear Styling



Monte Carlo Standard Cloth Interior



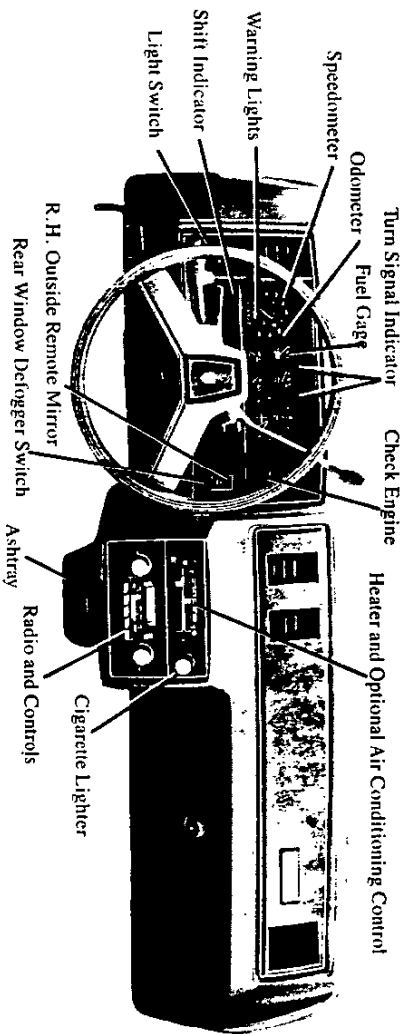
Available Landau Vinyl Roof



Available Removable Glass Roof Panels

INTERIOR FEATURES

Monte Carlo Instrument Panel (shown with some available features)

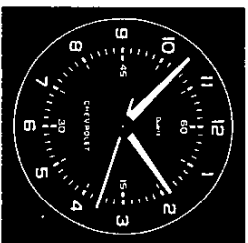


INTERIOR FEATURES

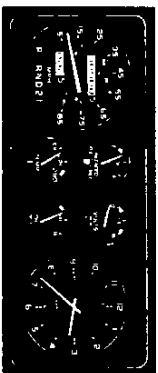
Full-width front and rear seats in cloth	S
Full-width front and rear seats in vinyl	EC
Fold-down front center armrest	S
55/45 front seat in standard trim	EC
Simulated leather-grain applique on instrument panel and steering wheel	S
Molded full foam seat construction	S
Color-keyed seat and shoulder belts	S
Adjustable head restraints	S
Inertia-type holding seat-back locks	S
Vinyl-upholstered, vertically-ribbed upper door panels	S
Large vinyl door pull straps	S
Integral padded armrests	S
Carpeted lower-door panels	S
Automatic dome lamp switches on doors	S
Instrument panel courtesy lamps	S
Glove compartment lock and lamp	S
Cloth, foam-backed headliner	S
Color-keyed, molded-back one-piece carpeting	S
Cigarette lighter and ashtray lamp	S
Rear seat ashtray	S
Day/night rearview mirror	S

S --- Standard EC --- Extra Cost

Monte Carlo Sport Coupe

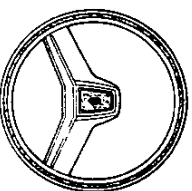


Available Quartz Electric Clock (RPO U35)



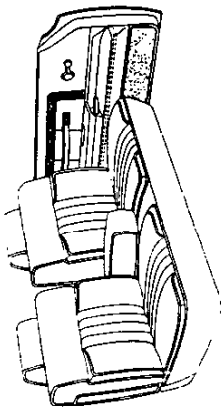
Available Gage Package (RPO UF7)

STEERING WHEEL

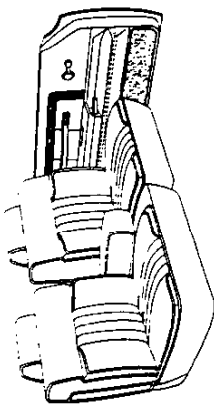


Monte Carlo standard steering wheel with simulated leather-grain insert in center and around rim.

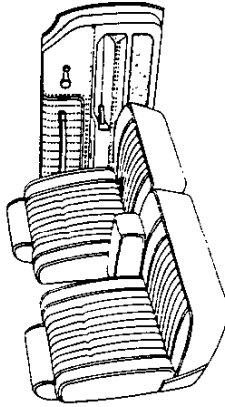
SEAT & DOOR TRIM



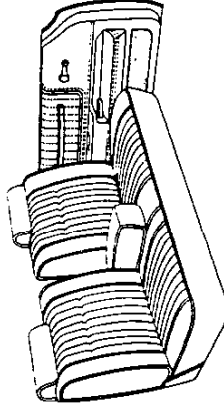
Monte Carlo CL Custom Interior bench seat with fold-down center armrest.



Monte Carlo CL Custom Interior 55/45 split seat with fold-down center armrest. (Note: not available at announcement)



Monte Carlo standard cloth trim with optional 55/45 split seat and fold-down center armrest.



Monte Carlo standard cloth bench seat with front fold-down armrest.

COLOR AND TRIM COMBINATIONS

INTERIOR COLORS		Type/Code†	DARK BLUE	FERN	SAND GRAY	DARK BROWN	MAKOON
MONTE CARLO CL CUSTOM INTERIOR							
(Bench & Available 55/45 seat)		Cloth (5)	X	X	X	X	X
(MONTE CARLO (Standard))		Cloth (6)	X	X	X	X	X
(Bench & Available 55/45)		Vinyl (12)	X	X	X	X	X
EXTERIOR COLORS		CODE	INT. EXT. COMB	VINYL ROOF	INT. EXT. COMB	VINYL ROOF	INT. EXT. COMB
WHITE		11	X	WW	X	WW	WW
SILVER (METALLIC)		15			X	QQ	QQ
BLACK		19			X		
LIGHT BLUE (METALLIC)		22	X	DD			
DARK BLUE (METALLIC)		27	X	DD			
LIGHT FERN (METALLIC)		42		X	GG		
DARK FERN (METALLIC)		48		X	GG		
LIGHT BROWN (METALLIC)		62				EE	
DARK BROWN (METALLIC)		67				EE	
MAKOON (METALLIC)		78					FF
CUSTOM TWO-TONE COLORS (RPO D84)							
SILVER (METALLIC)/WHITE					X		
DARK BLUE (METALLIC)/LIGHT BLUE (METALLIC)			X	DD			
DARK FERN (METALLIC)/LIGHT FERN (METALLIC)				X			
DARK BROWN (METALLIC)/LIGHT BROWN (METALLIC)						X	EE

STANDARD INTERIOR TRIM GUIDE ● Bench seats standard; Cloth in Monte Carlo. ● All other combinations are available options. † Number codes shown above are keyed to exterior colors, vinyl roof colors and interior fabrics shown in Color and Trim section.

See Dealer Order Guide for latest available information.

OPTIONAL FEATURES

(Available at extra cost)

FACTORY-INSTALLED OPTIONAL EQUIPMENT

Air Conditioning: Includes hood insulator	RPO
Wheels:	
Limited slip differential	G80
Performance axle ratio	G92
High Altitude ratio	G84
Battery, Heavy-Duty	U41
Lock, Quartz Electric: Included with Gage Package	U35
Cold Climate Package (Diesel)	V10
Coating, Heavy-Duty	VO8
Defogger:	
Electric Rear Window	C49
Door Lock System, Power	AU3
Engine Block Heater	K05
Floor Covering:	
Mats, color-keyed floor/front & rear	B37
Gage Package: Includes electric clock, trip odometer, voltmeter, temperature and oil pressure gauges	UF7
Glass, Tinted:	
All windows	AO1
Headlamps, Halogen Hi-Beam	T15
Lamps, Cornering	T87
Lighting, Auxiliary: Includes luggage compartment light, underhood light, headlamp-on reminder	TR9
Mirrors:	
Sport, LH remote & RH manual	D35
Sport twin remote	D68
Moldings:	
Body side, deluxe	BW2
Door edge guards	B93
Side window sill	B85
Paint: Custom Two-Tone (See Color and Trim Section)	D84
GM-Delco Radio Equipment: (All radios include dual front speakers and fixed-length fender antenna; all stereos include dual rear speakers)	
AM Radio	U63
AM/FM Radio	U69
AM/FM Stereo Radio	U58
AM/FM Stereo Radio with stereo cassette tape	UN3
Speakers, dual rear (requires AM, AM/FM monoaural radios included with Stereos)	U81
Fixed-Mast Antenna	U73
Power Antenna	U75
Knock Cover, Padded Lamdan Vinyl	C01

RPO

Roof Panels, Removable Glass	CC1
Seat Equipment:	
55/45 front seat (See Color and Trim Section)	
Power Seat, six-way	AG9
Speed Control, Automatic with resume speed feature	K35
Steering Wheel, Comfort fit	N33
Stripping, Body Pin	D85
Suspension Equipment:	
Heavy duty front and rear suspension. Includes higher rate front and rear springs and matching shock absorbers (NA Diesel)	F40
Sport Suspension (Reqs. P205/70 tires)	F41
Tires:	
P195/75R-14 steel-belted radial ply white-stripe	QVJ
P205/70R-14 steel-belted radial ply white-stripe	QVU
Trim, Custom Interior: See Color and Trim Section	
Trunk Opener, Power	AV9
Wheel Equipment:	
Rally wheels	ZJ7
Aluminum wheels	N90
Wire wheel covers	N95
Locking package, wheel cover	N18
Windows, Power	A31
Windshield Wiper System, Intermittent	CD4

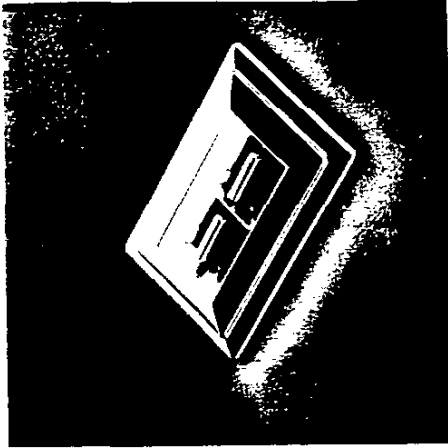
DEALER-INSTALLED ACCESSORIES

Alarm, Theft	
Antenna, AM/FM Manual	
Antenna — AM/FM Power, Demand Type	
Antenna — AM/FM Automatic	
Antenna — AM/FM/CB, Automatic	
Antenna — AM/FM/CB, Power, Demand Type	
Antenna, CB Bumper, Mount	
Antenna, CB Deck Lid	
Antenna, CB Base	
Antenna, Magnet Mounted	
Anti-Theft Wheel Lock	
Belt, Rear Shoulder	
Block, Electric (Analog or Digital)	
Block, Electric (Analog or Digital)	
Compass	
Container, Litter & Tissue Dispenser	
Control, Cruise	
Cooler, Transmission Oil	
Cover, Wire Wheel (Set of Four)	
Distress Signal Lamp	

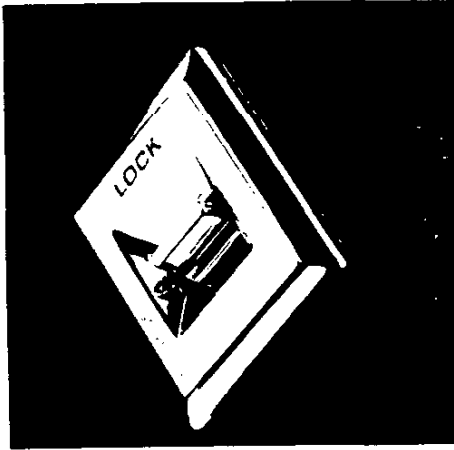
RPO

Defogger, Rear	
Guard, Door Edge (Vinyl)	
Guard, Door Edge (Stainless)	
Guard, Fender Splash	
Harness, Trailer Wiring	
Heater, Engine Block	
Hitch, Trailer Ball	
Hitch, Trailer — (Deadweight)	
Hitch, Trailer (Equalizer Platform)	
Lamp, Fog (1 Pair)	
Lamp, Spotlight (Hand Held)	
Lamps, Underhood	
Lock, Door Bulb	
Locking Gas Cap	
Luggage Carrier, Deck Lid	
Mats, Front Rubber Twin	
Mats, Rear Rubber Twin	
Mirror, Outside Rearview — Chrome Manual	
Mirror, Outside Rearview — Chrome Remote	
Mirror, Outside Rearview — Left Hand - Manual, Right - Hand Remote	
Mirror, Vanity Visor (Adhesive)	
Mirror, Vanity Visor (Latched)	
Moldings, Body Side	
Power Supply, C B Base Station	
Radio, AM	
Radio, AM/FM, Monoaural	
Radio, AM/FM Stereo	
Radio, CB-40 Channel	
Radio, AM Stereo Tape Combo — 8 Track	
Radio, AM/FM Stereo Tape Combo — 8 Track	
Radio, Installation Package	
Radio, AM/FM Stereo with Cassette	
Radio, AM/FM Stereo — Signal Seeking	
Radio, AM/FM Memo with CB	
Radio, AM/FM Stereo with CB	
Radio, AM/FM Stereo with CB	
Radio, AM/FM Stereo with Cassette, Signal Seeking	
Radio, AM/FM Stereo with CB & Cassette Tape	
Radio, AM/FM Stereo with 8 Track, Signal Seeking	
Radio, AM/FM Stereo with 8 Track, Signal Seeking Release, Trunk Lid Lock	
Speaker Packages, Rear (Dual)	
Speakers (High Performance Dual)	
Tape, 8-Track Cartridge	
Trunk Mat, Rubber	
Twilight Sentinel	

MA — Not Available



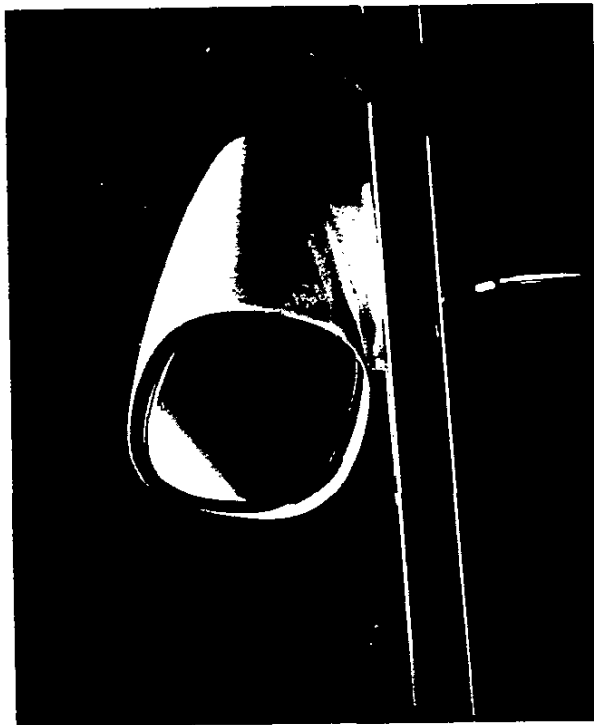
Power windows.



Power door locks.



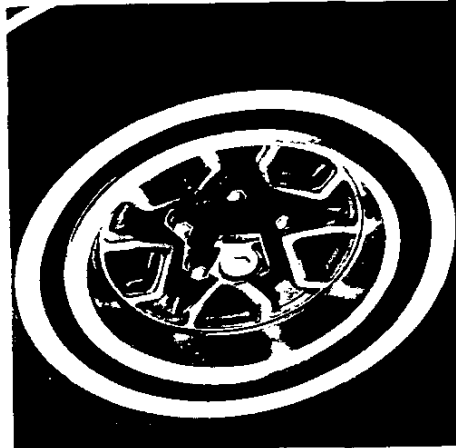
Power trunk opener.



Sport mirrors.



Aluminum wheels.



Rally wheels.

BODY FEATURES

ANTI-CORROSION MEASURES

As part of a continuing effort the effects of both air and road-borne corrosive elements have been reduced by basic design considerations. In the initial design of the Monte Carlo, many areas that might be susceptible to corrosion were actually "designed out". For example, the front fender section behind the front wheels is provided with a more "open" design that allows various anti-corrosion materials to flow between the fender brace and outer fender. And finally, a wax coating which sheds water is also applied in this same area. Even the remaining areas are designed in such a way that they can be assembled with corrosion-resisting steels and materials or easily coated during manufacture. Every critical area is treated, and includes:

- Zinc-rich pre-coated metal is used in the outer rockers, door panels and outer mirror reinforcement . . . in the spare tire well, along the drip molding area and on the rear wheelhouseings.
- Zinc-rich pre-coated metal is also used in the cowl area . . . on the windshield wiper mounting plate, on the upper shroud and window support, plus the instrument panel-to-fender plate and panel-to-chassis brace.
- Zinc-rich metal in the floor and luggage compartment pans, in the body-mounting areas as well as in the gas tank reinforcement.

- Electroprecoated metal with primer is used on the rear quarter outer panels.

- Zinc primer is applied to the lower door panel, dash panel, door hinge pillar and floor pan extensions.
- Zinc chromate and wax spray on the door upper frame.
- Primer and wax spray covers the quarter panel interior pockets and inner door panels.
- Wax-base spray is applied on front fender inner sides and rear reinforcements.
- Special rust primer and regular primer coats the door open facings, floor pan and door hinges.
- Abrasion-resistant coatings on lower door and quarter outer panels.
- Phosphate oil-impregnated hood hinges.
- Plastisol film is used to seal trunk lid and door hem flanges.
- Aluminum with pre-coated metal rear window-to-deck-lid panel support.
- Hot-melt sealer flows into wheelhousing joints during welding.

In addition, precision-molded polymers are used for bumper outer surfaces, front end panel, front fender skirts and heater/air conditioning module. Grille, plus tail lamp and headlamp bezels are bright-finished polymers that won't rust.

Finally, all emblems and nameplates, plus optional body side moldings are applied with adhesives, to eliminate the punched holes that could be a source of cosmetic corrosion.

FINAL FINISHING STEPS

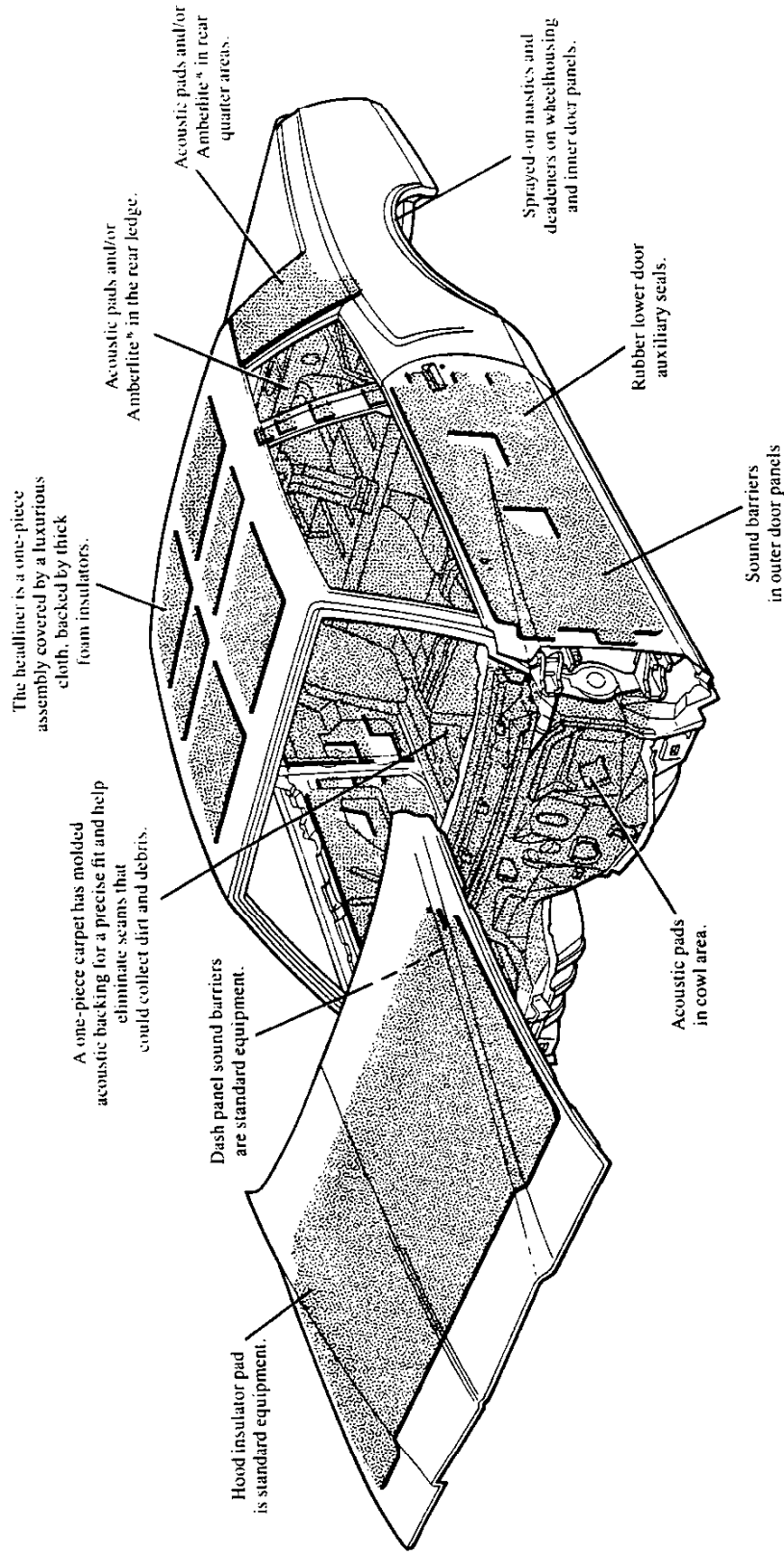
After the initial anti-corrosion and sound-deadening operations, the assembled body is further primed either by the electrodeposition process or by a spray process using a corrosion-resistant flash primer. A primer surfacer is then applied over the primer.

- After baking, the primer surfacer is wet-sanded both with power sanders and hand sanders to help assure a smooth surface for the color topcoat.
- The color topcoat is then applied to a specified film thickness.
- This topcoat is then thoroughly baked.
- After the final baking process, the finish is carefully checked for any nans, nicks or scratches.

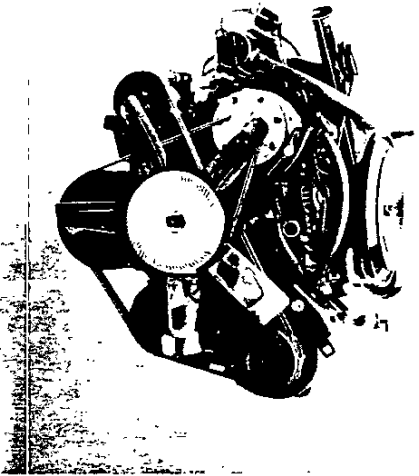
SOUND-DEADENING FEATURES

The process of keeping unwanted sounds from the passenger compartment of the Monte Carlo began with the very first design stages. The necessary fixture holes and joints are kept to a minimum for easy sealing. From that point on, the various insulators, acoustic materials and applications combine to help make these pleasant cars to drive or ride in. Some of the specific areas of sound-deadening features are listed on the illustration on the following page.

For a Hushed, Quiet Ride . . .



POWER TEAMS



Standard 3.8 Liter 2-8bbl V6 Engine

Engine	RPO No.	Power Rating*	Displacement (cubic inches)	Engine Availability	Auto. Trans. RPO MX1	Axle Ratio
ALL STATES EXCEPT CALIFORNIA (with Standard Emissions — RPO NA5)						
3.8 Liter 2-8bbl V6 (A)	LC3	110	229	Std.	Std.	2.41
5.0 Liter 4-8bbl V8 (C)	LC4	145	305	EC	Std.	2.29
4.3 Liter Diesel V6 (D)	LT6	85	260	EC	Std.	2.41
5.7 Liter Diesel V8 (D)	LT9	105	350	EC	Std.	2.29
CALIFORNIA ONLY (with California Emissions RPO YF5)						
3.8 Liter 2-8bbl V6 (B)	LT5	110	231	Std.	Std.	2.41
5.0 Liter 4-8bbl V8 (C)	LC4	145	305	EC	Std.	2.29
5.7 Liter Diesel V8 (D)	LT9	105	350	EC	Std.	2.29

*SAF: not horsepower as installed. Std. — Standard. EC — Optional at Extra Cost.

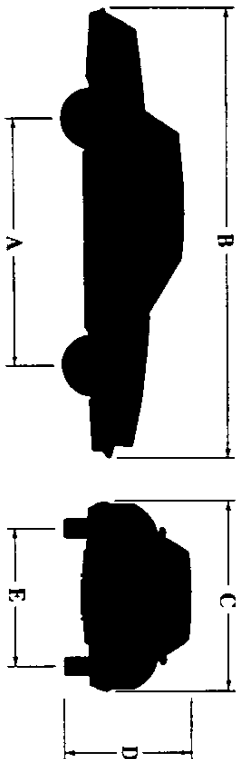
Produced by GM — (A) Chevrolet Motor Division; (B) Buick Motor Division; (C) Chevrolet Motor Division and GM of Canada; (D) Oldsmobile Motor Division
Some Chevrolets are equipped with engines produced by other GM divisions, subsidiaries, or affiliated companies worldwide.

SERVICE INTERVALS†

Engine Oil	12 months or 7,500 miles*
Oil Filter	12 months or 7,500 miles; every 15,000 miles thereafter*
Spark Plugs**	Up to 30,000 miles
Chassis Lubrication	12 months or 7,500 miles
Automatic Transmission	
Fluid Change	Every 100,000 miles
†5,000 miles with diesel	†14,000 miles
†requiring more frequent service intervals.	†Under ideal conditions. Consult Owner's Manual for conditions.

14/Metric C/mto

DIMENSIONS/SPECIFICATIONS



EXTERIOR DIMENSIONS (in.)

Wheelbase (A)	108.1
Length overall (B)	200.4
Width overall (C)	71.8
Height (loaded) (D)	54.3
Front tread (E)	58.5
Rear tread (E)	57.8
Minimum ground clearance	5.3

Sport Coupe

INTERIOR ROOMINESS (in.)

Head room — front	37.6
Head room — rear	37.8
Leg room — front	42.8
Leg room — rear	36.3
Hip room — front	51.7
Hip room — rear	54.9
Shoulder room — front	56.3
Shoulder room — rear	55.9
LUGGAGE COMPARTMENT	
Liftover height	24.4
Usable luggage space (cu. ft.)	16.2
RATED FUEL TANK CAPACITY (gallons)	
CURB WEIGHT (pounds)	3220
†19.8 gallons with diesel	

See Dealer Order Guide for latest available information.

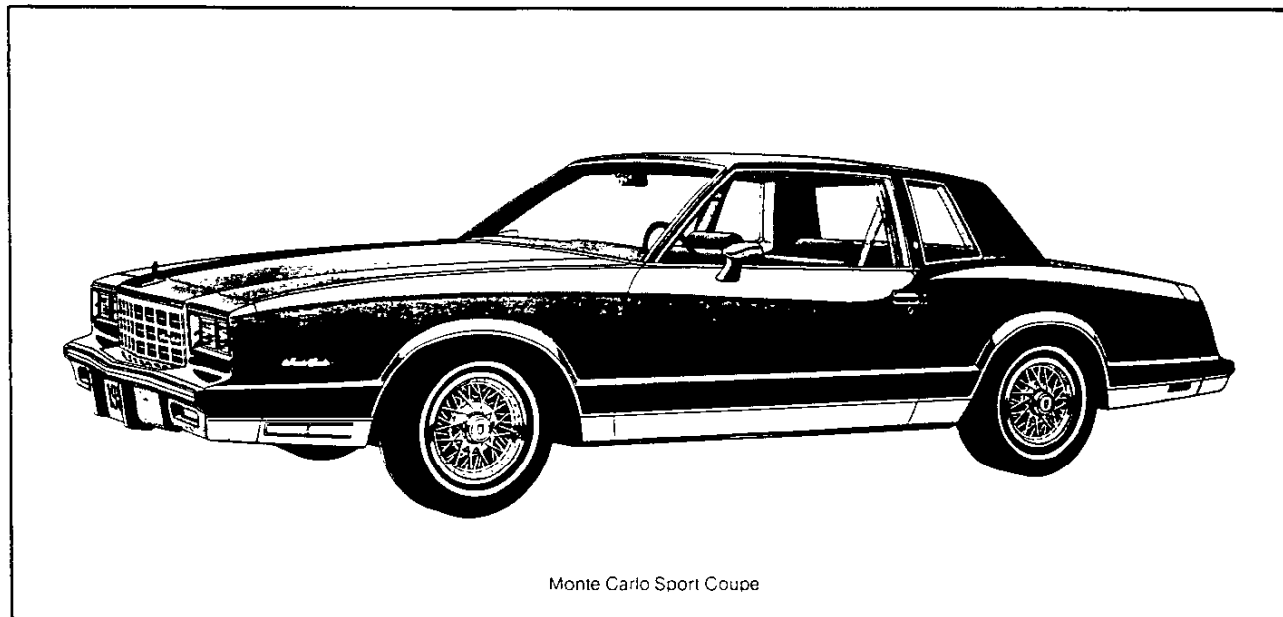
1983 MONTE CARLO

ORDERING INFORMATION

MODEL

MONTE CARLO
Sport Coupe

Model Number
1GZ37



Monte Carlo Sport Coupe

NEW FEATURES

- New large-segment grille.
- Simulated leather instrument panel and steering wheel trim.
- New exterior/interior colors

CONTINUED STANDARD FEATURES

- Full six-passenger capacity
- Automatic transmission with torque converter clutch.
- Power steering.
- Power disc/drum brake system
- Right-hand outside rearview mirror.
- Fold-down center armrest in standard interior.
- Low-drag front disc brakes
- Dual-nozzle fluidic windshield washer system
- Multi-function dimmer/wiper/washer/turn signal switch.
- Dual horns.
- Flow-through ventilation system
- Glove compartment lock and light
- Compact spare tire
- Inside hood release

EQUIPMENT SUMMARY

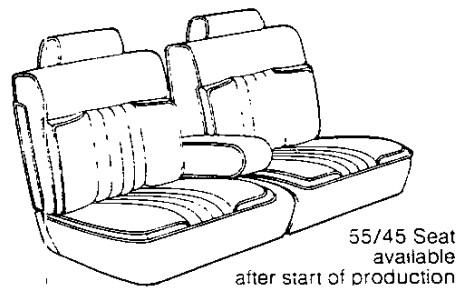
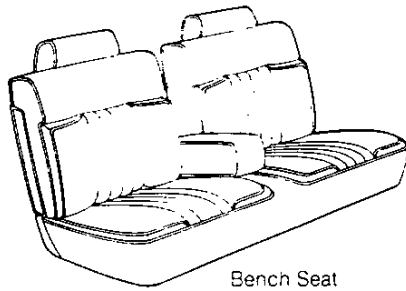
	Sport Coupe
Quad rectangular headlamps	S
Dual chrome outside rearview mirrors	S
Sport mirrors LH remote & RH manual	EC
Bright roof drip moldings	S
Body pin striping	EC
Wheel opening moldings	S
Full wheel covers	S
Hood ornament	S
Padded opera-style vinyl roof cover	EC
Quartz electric clock	EC
Fold-down armrest in front seat	S
Custom 55/45 seats	EC
Glove compartment, courtesy and ashtray lamps	S
Quiet Sound Group	S
3.8 Liter 2-Bbl. V6 (229 CID-Federal; 231 CID-Calif.)	S
P195/75R-14 steel-belted radial ply blackwall tires and 6" wheels	S

S—Standard EC—Extra Cost

Refer to Dealer Order Guide for option availability and application.

1983 MONTE CARLO INTERIORS

MONTE CARLO CUSTOM 'CL' INTERIOR Notchback Bench Seat



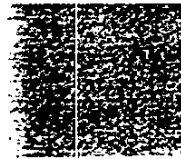
CLOTH



Dark Blue



Fern



Sand Gray



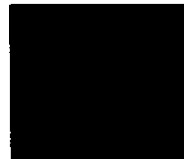
Dark Brown



Maroon

MONTE CARLO INTERIOR Notchback Bench Seat

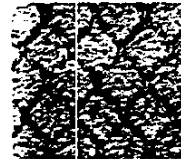
CLOTH



Dark Blue



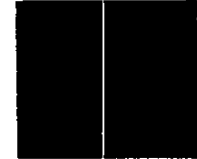
Fern



Sand Gray

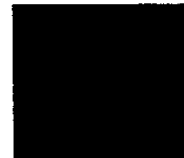


Dark Brown



Maroon

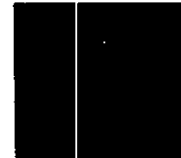
VINYL



Dark Blue



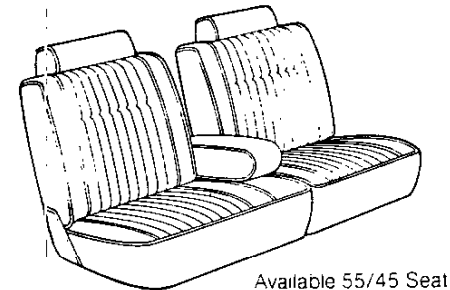
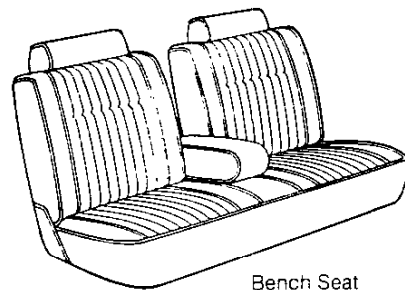
Sand Gray



Dark Brown



Maroon



Refer to Dealer Order Guide for option availability and application.

Exterior Colors

11 - White



15 - Silver (Metallic)

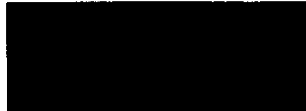


19 - Black



22 - Light Blue (Metallic)

27 - Dark Blue (Metallic)



42 - Light Fern (Metallic)



48 - Dark Fern (Metallic)



62 - Light Brown (Metallic)



67 - Dark Brown (Metallic)



78 - Maroon (Metallic)



Custom Two-Tone (RPO D84)

Silver (Metallic) Accent/
White



Dark Blue (Metallic) Accent/
Light Blue (Metallic)



Dark Fern (Metallic) Accent/
Light Fern (Metallic)

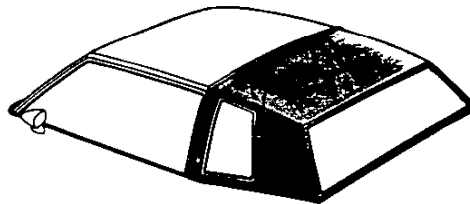


Dark Brown (Metallic) Accent/
Light Brown (Metallic)



Two-Tone exterior with accent color on hood, roof and around side windows. Color-keyed pin striping separates the two colors.

Vinyl Roof Cover



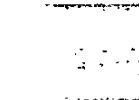
WW - White



DD - Dark Blue*



GG - Light Fern*



EE - Dark Brown*

FF - Maroon*

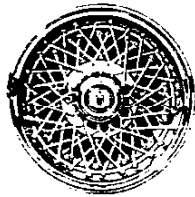
QQ - Sand Gray *(Metallic)

Refer to Dealer Order Guide for option availability and application.

Wheel Trim



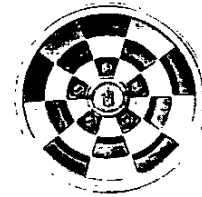
Full Wheel Cover
Standard



Wire Wheel Cover
RPO N95



Rally Wheel
RPO ZJ7



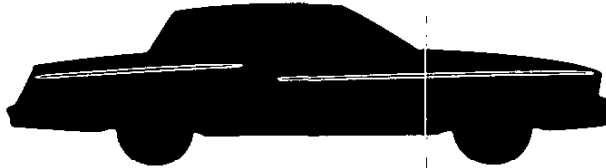
Aluminum Wheel
RPO N90

Body Side Moldings (RPO BW2)



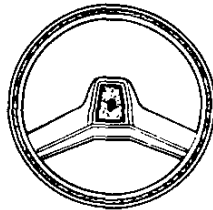
Bright with black or silver vinyl insert.

Body Pin Striping (RPO D85)



On body sides, deck lid and fenders. Available in dual-stripe colors keyed to exterior/interior colors.

Steering Wheel




Interior color, simulated leather-grain insert in rim. Monte Carlo crest.

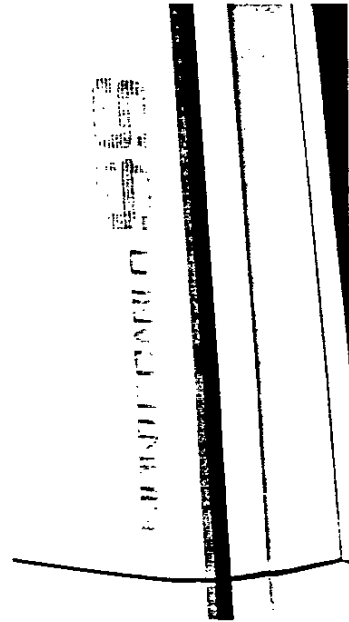
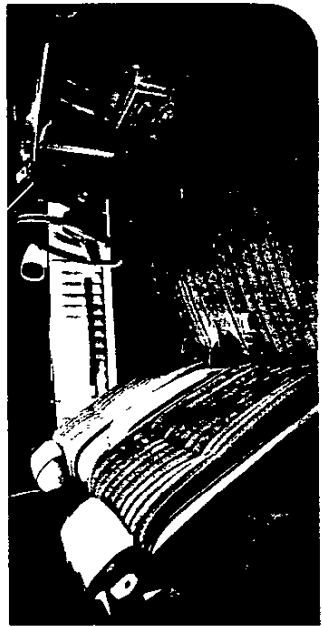
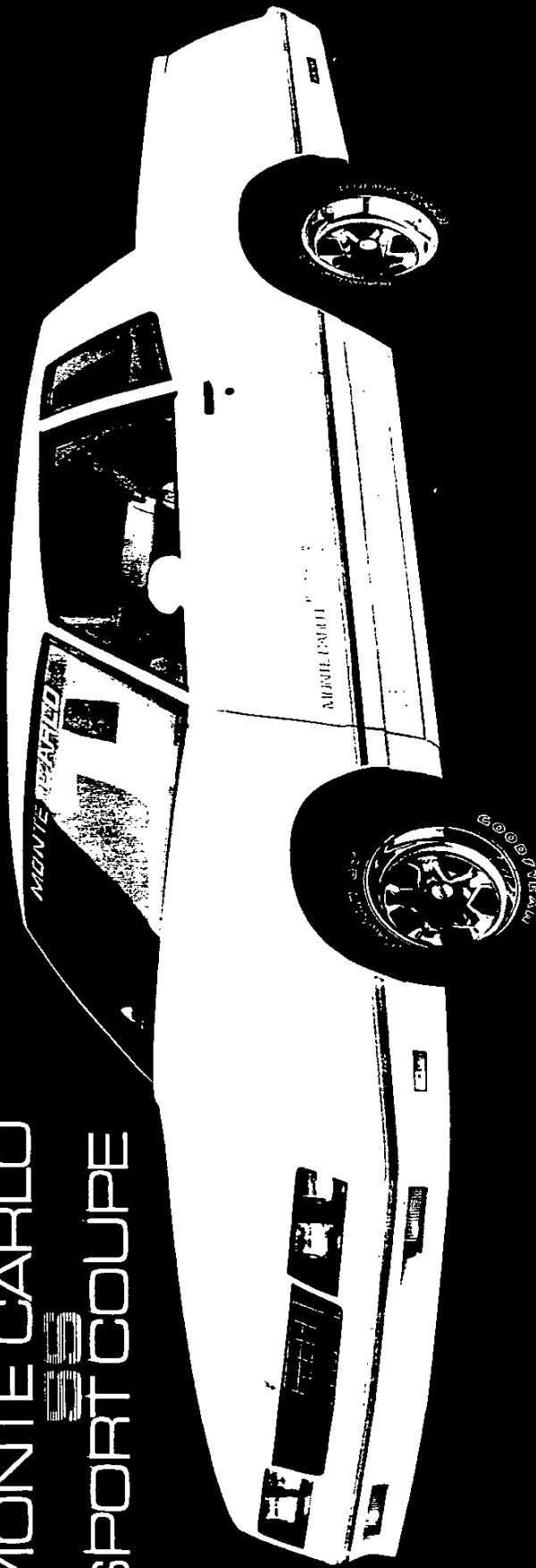
All illustrations and specifications in this brochure are based on the latest product information available at the time of publication approval. Right is reserved to make changes at any time, without notice, in colors, materials, specifications and models, and also to discontinue models. Chevrolet Motor Division, General Motors Corporation, Warren, Michigan 48090.

Chevrolet

Litho in U.S.A. 4270 4/82

Refer to Dealer Order Guide for option availability and application.

1983
MONTE CARLO

SPORT COUPE



CHEVY SS TRADITION COMES ALIVE...

**Combining an exciting, sporty front end design
with impressive handling and performance capabilities.**

THE 1983 CHEVROLET MONTE CARLO SS IS EQUIPPED WITH THESE STANDARD FEATURES:

- 5.0L 4 Bbl. V8 Engine
- F41 Sport Suspension
- 3.42:1 Performance Axle
- Dual Exhaust System
- Special 15 X 7 Rally Wheels
- P215/65-15 GT White Letter Goodyear Tires
- Gage Package with Tachometer
- Automatic Transmission
- Rear Spoiler
- Special SS Stripes
- Special SS Black Moldings and Grille
- Sport Mirrors, Left Hand Remote, Right Hand Manual

EXTERIOR COLORS: White or Dark Blue Metallic only

INTERIOR TRIM: Special White and Blue Seats and Door Trim

AVAILABLE POPULAR OPTIONS:

- Air Conditioning
- Tinted Glass
- Automatic Speed Control with Resume Speed
- Comfortilt Steering Wheel
- Power Windows
- Power Door Lock System
- Power Trunk Opener
- Antenna (black) — Requires Radio
- Electric Rear Window Defogger
- Intermittant Windshield Wiper System
- Halogen Headlamps (High Beam)

And many more. Ask your Chevrolet dealer for a complete list, including GM-Delco Radio Equipment.

NOTE: Product descriptions are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice in colors, materials, equipment and specifications.

USA-1 IS TAKING CHARGE



MONTE CARLO SS

WHEELBASE	108.1 inches
OVERALL LENGTH	202.4 inches
CURB WEIGHT	3400 pounds
WEIGHT DISTRIBUTION	56.4% front - 44.6% rear
ENGINE	
Cylinder block, heads	Cast iron
Inlet manifold	Aluminum
Displacement	305 cid (5.0 liters)
Horsepower	175 at 4800 rpms
Torque	235 lbs/ft at 3200 rpms
Compression ratio	9.5:1
Fuel system	4-bbl Rochester quadrajet carburetor
Valvetrain	Pushrod, hydraulic lifters
Valve diameter	1.84" inlet, 1.50" exhaust
Camshaft duration	316° inlet, 320° exhaust
Camshaft lift	.410" inlet, .423" exhaust
Crankshaft	Cast iron, five main bearings
Exhaust system	2" exhaust pipes, wide-mouth catalytic converter, dual mufflers, dual tailpipes
DRIVETRAIN	
Transmission	3-speed auto, 2025-rpm stall speed
Transmission ratios (3rd)	1:1
(2nd)	1.52:1 (THM 350C)
(1st)	2.52:1
Axle ratio	3.42:1
SUSPENSION	
Front (RPO F41)	Independent, unequal A arms, 1½" stabilizer bar, coil springs
Rear (RPO F41)	Salisbury 4-link, 7/8" stabilizer bar, coil springs
STEERING	
	Power, recirculation ball, 12.7:1 ratio
WHEELS AND TIRES	
Wheel size	15 x 7 inches
Wheel type	Stamped steel
Tire size	Steel-belted P215/65R15
Tire manufacturer	Goodyear
CALCULATED DATA	
Speed per 1000 rpm in top gear	21.9 mph
Aerodynamic drag coefficient	.375
FUEL ECONOMY	
EPA city estimate	18 mpg
EPA highway estimate	26 mpg

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ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

Option Number	Description	Option Number	Description
AG9	SEAT, POWER: Six-Way	N95	WHEEL TRIM: Wheel Covers, Wire
AU3	DOOR LOCK SYSTEM, POWER	QVJ	TIRES: P195/75 R-14 White Stripe (Radial)
A01	GLASS, TINTED: All Windows	QVU	TIRES: P205/70 R-14 White Stripe (Radial)
A31	WINDOWS, POWER	QXV	TIRES: P195/75 R-14 Blackwall (Radial)
A90	TRUNK OPENER, POWER	TR9	LIGHTING, AUXILIARY
BW2	MOLDINGS: Body Side, Deluxe	TT5	HEADLAMPS, HALOGEN HI-BEAM
B3W	PRELIMINARY PRICE INFORMATION	T87	LAMPS, CORNERING
B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear	UA1	BATTERY, HEAVY-DUTY
B85	MOLDINGS: Side Window Sill	UF7	GAGE PACKAGE WITH TRIP ODOMETER
B93	MOLDINGS: Door Edge Guard	UN3	RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape
CC1	ROOF PANELS: Removable Glass	US6	RADIO EQUIPMENT: Fixed Black Mast Antenna
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	U35	CLOCK: Quartz Electric
C49	DEFOGGER, REAR WINDOW: Electric	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
C60	AIR CONDITIONING	U63	RADIO EQUIPMENT: AM Radio
D35	MIRRORS: Sport, LH Remote and RH Manual	U69	RADIO EQUIPMENT: AM/FM Radio
D60	NON-RECOMMENDED COLOR COMBINATION	U73	RADIO EQUIPMENT: Fixed Mast Antenna
D68	MIRRORS: Sport, Twin Remote	U75	RADIO EQUIPMENT: Power Antenna
D84	PAINT: Custom Two-Tone	U81	RADIO EQUIPMENT: Speakers, Dual
D85	STRIPING, PIN: Body	V08	COOLING, HEAVY-DUTY
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	V10	COLD CLIMATE PACKAGE
F41	SUSPENSION EQUIPMENT: Suspension, Sport	YF5	EMISSION SYSTEM: California Emission Requirements
G80	AXLE, REAR: Limited Slip Differential	ZJ7	WHEEL TRIM: Wheels, Rally
G84	AXLE, REAR: High Altitude Ratio	Z65	SS SPORT COUPE (Model Option)
G92	AXLE, REAR: Performance Ratio	13A	STRIPING: Lt Sand Gray
K05	HEATER, ENGINE BLOCK	15M	ACCENT COLOR: Silver Metallic
K35	SPEED CONTROL, AUTOMATIC: With Resume Speed	16A	STRIPING: Sand Gray
LC3	ENGINE: 3.8 Liter 2 BBL V6	23A	STRIPING: Lt Blue
LD5	ENGINE: 3.8 Liter 2 BBL V6	27M	ACCENT COLOR: Dk Blue Metallic
LF9	ENGINE: 5.7 Liter Diesel V8	28A	STRIPING: Dk Blue
LG4	ENGINE: 5.0 Liter 4 BBL V8	43A	STRIPING: Lt Fern
LT6	ENGINE: 4.3 Liter Diesel V6	47A	STRIPING: Dk Fern
✓L69	ENGINE: 5.0 Liter 4 BBL V8 (H.O.)	48M	ACCENT COLOR: Dk Fern Metallic
NA5	EMISSION SYSTEM: Standard Emission Equipment	55A	STRIPING: Gold
NA6	EMISSION SYSTEM: High Altitude Emission Equipment	63A	STRIPING: Lt Brown
N18	WHEEL COVER LOCKING PACKAGE	67M	ACCENT COLOR: Dk Brown Metallic
N33	STEERING WHEEL: Comfortilt	68A	STRIPING: Dk Brown Metallic
N90	WHEEL TRIM: Wheels, Aluminum	77A	STRIPING: Lt Maroon
		78A	STRIPING: Dk Maroon
		78M	ACCENT COLOR: Maroon Metallic

COLOR AND TRIM SELECTION (Refer Page 6 for Additional Information)

PLEASE NOTE: The Exterior and Interior Combinations shown in the charts below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations.

Interior Trim Color		Dk Blue	Dk Brown	Fern	Maroon	Sand Gray
MODEL	SEAT TYPE					
1GZ37	Cloth Bench Cloth 55/45	CDD1 CDD3	CEE1 CEE3	CGG1 CGG3	CFF1 CFF3	CQQ1 CQQ3
	Vinyl Bench Vinyl 55/45	VDD1 VDD3	VEE1 VEE3		VFF1 VFF3	VQQ1 VQQ3
	Custom Cloth 55/45 (CL)	FDD3	FEE3	FGG3	FFF3	FQQ3

WITH D84 CUSTOM TWO-TONE PAINT (Accent Color Must be Specified)
(D60 NON-RECOMMENDED COLOR COMBINATION NOT PERMITTED)

Exterior Paint Color	Color Code		Accent Color and Ordering Code #	Dk Blue	Dk Brown	Fern	Maroon	Sand Gray
	L	U or Vinyl						
Blue, Light (Met)	22	22	DD Dk Blue (Met)	27M	R			
Brown, Light (Met)	62	62	EE Dk Brown (Met)	67M		R		
Fern, Light (Met)	42	42	— Dk Fern (Met)	48M			R	
Maroon, Light (Met)	73	73	FF Maroon (Met)	78M				R
White	11	11	— Silver (Met)	15M				R

Must be ordered

WITHOUT D84 CUSTOM TWO-TONE PAINT

PLEASE NOTE: Orders for additional Interior Trim or Vinyl Roof combinations may be submitted, provided the dealer orders (D60), as verification that the requested combination is definitely desired.

Beige	59	59			R		A	
Black	19	19					R	R
Blue, Dark (Met)	27	27		R				
Blue, Light (Met)	22	22		R				
Brown, Dark (Met)	67	67			R			
Brown, Light (Met)	62	62			R			
Fern, Dark (Met)	48	48				R		
Fern, Light (Met)	42	42				R		
Maroon, Light (Met)	73	73					R	R
Maroon (Met)	78	78					R	A
Silver (Met)	15	15		A			R	R
White	11	11		R	R	R	R	R

VINYL ROOF SELECTOR @

	L	U	U	U	U	U	
Beige	59					FF	QQ
Black	19						
Blue, Dark (Met)	27	DD					
Blue, Light (Met)	22	DD					
Brown, Dark (Met)	67		EE				
Brown, Light (Met)	62		EE				
Fern, Dark (Met)	48			GG			
Fern, Light (Met)	42			GG			
Maroon, Light (Met)	73				FF	FF	FF
Maroon (Met)	78				FF	FF or QQ	FF or QQ
Silver (Met)	15	QQ				FF or QQ	QQ
White	11	DD or WW	EE or WW	GG or WW	FF or WW	QQ or WW	QQ or WW

L = Lower U = Upper

@ When D60 Non-Recommended Color Combination is specified, order one of the following Vinyl Roof colors.

DARK BLUE (MET) DD DARK BROWN (MET) EE LIGHT FERN (MET) GG
MAROON (MET) FF SAND GRAY QQ WHITE WW

POWER TEAMS (Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO		
	2.29	2.41	2.73
WITH NA5 STANDARD EMISSIONS			
*LC3	—	Std	—
*LG4	Std	—	G92
WITH NA5 STANDARD OR NA6 HIGH ALTITUDE EMISSIONS			
LT6	—	@Std	—
LF9	Std	—	G92
WITH NA6 HIGH ALTITUDE EMISSIONS			
LC3	—	—	G84
WITH YF5 CALIFORNIA EMISSIONS			
LD5	—	Std	—
LG4	Std	—	—
LF9	Std	—	G92

*Satisfies High Altitude Emission Requirements
@Axle Ratio is 2.73 With NA6 High Altitude

MONTE CARLO

REFER WEEKLY STOPS/LATEST UPDATE

MODEL	1GZ37	Monte Carlo Sport Coupe
ENGINES:	MUST ORDER ONE (See Power Teams)	
STANDARD EMISSION EQUIPMENT (Does Not Satisfy High Altitude Requirements)—REQUIRES NA5		
_____	LT6	4.3 Liter Diesel V6 (V10 Cold Climate Package Recommended for use in Cold Climate Areas)
_____	LF9	5.7 Liter Diesel V8 (V10 Cold Climate Package Recommended for use in Cold Climate Areas)
STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5		
_____	LC3	3.8 Liter 2 BBL V6
_____	LG4	5.0 Liter 4 BBL V8
HIGH ALTITUDE EMISSION EQUIPMENT—REQUIRES NA6		
_____	LC3	3.8 Liter 2 BBL V6 (Reqs G84 Axle) (FOR PERFORMANCE PURPOSES; NOT REQUIRED TO SATISFY HIGH ALTITUDE EMISSION REGULATIONS)
_____	LT6	4.3 Liter Diesel V6 (Reqs V10 Cold Climate Package)
_____	LF9	5.7 Liter Diesel V8 (Reqs C60 Air and V10 Cold Climate Package)
CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5		
_____	LD5	3.8 Liter 2 BBL V6
_____	LG4	5.0 Liter 4 BBL V8
_____	LF9	5.7 Liter Diesel V8 (V10 Cold Climate Package Recommended for use in Cold Climate Areas)
EMISSION SYSTEMS: MUST ORDER ONE (See Above)		
_____	NA5 Standard Emission Equipment	
_____	NA6 High Altitude Emission Equipment	
_____	YF5 California Emission Requirements	

✓ QUICK-SPEC

IF TIRE IN QUICK-SPEC IS NOT DESIRED YOU MUST *PLUS* ANOTHER TIRE OPTION.	2	2	2	2
	5	6	7	8
	B	B	B	B
Air Conditioning	C60	x	x	x
Glass, Tinted	A01	x	x	x
Mirrors Sport, LH Remote and RH Manual	D35	x	x	x
Moldings, Body Side Deluxe	BW2	x	x	x
Radio, AM/FM Stereo	U58	x	N/I	N/I
Tires, P195/75 R-14 White Stripe	QVJ	x	x	x
Clock, Quartz Electric	U35	x	x	x
Mats, Color-Keyed Floor	B37	x	x	x
Moldings, Side Window Sill	B85	x	x	x
Radio, AM/FM Stereo w/Cassette Tape	UN3	x	x	x
Speed Control with Resume Speed	K35	x	x	x
Steering Wheel, Comfortilt	N33	x	x	x
Wheels, Rally	ZJ7	x	x	N/I
Defogger, Rear Window Electric	C49	x	x	
Lighting, Auxiliary	TR9	x	x	
Moldings, Door Edge Guard	B93	x	x	
Windows, Power	A31	x	x	
W/S Wiper System, Intermittent	CD4	x	x	
Antenna, Power	U75			x
Door Lock System, Power	AU3			x
Gage Pkg w/Trip Odometer (w/o LT6 or LF9 Eng)	UF7			x
Trunk Opener, Power	A90			x
Wheel Cover Locking Package	N18			x
Wheel Covers, Wire	N95			x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q.S	OPTION	
225	C60	AIR CONDITIONING
_____	G84	AXLES, REAR: —High Altitude Ratio (Reqs NA6 Emissions and LC3 Eng)
_____	G80	—Limited Slip Differential
_____	G92	—Performance Ratio (Reqs LG4 or LF9 Eng)
_____	UA1	BATTERY, HEAVY-DUTY
226	U35	CLOCK: Quartz Electric (Incl w/UF7 Gage Package)
_____	V10	COLD CLIMATE PACKAGE: (Reqs LT6 or LF9 Eng) (Incls UA1 Battery) (Recommended for use in Cold Climate Areas)
_____	V08	COOLING, HEAVY-DUTY: (w/LT6 or LF9 Eng N/A C60 Air)
227	C49	DEFOGGER, REAR WINDOW: Electric
228	AU3	DOOR LOCK SYSTEM, POWER
226	B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
228	UF7	GAGE PACKAGE WITH TRIP ODOMETER: (N/A LT6 or LF9 Engine)
225	A01	GLASS, TINTED: All Windows
_____	TT5	HEADLAMPS, HALOGEN HI-BEAM
_____	K05	HEATER, ENGINE BLOCK: (N/A NA6 Emissions, LT6 or LF9 Eng) (Recommended for use in Cold Climate Areas)
_____	T87	LAMPS, CORNERING
227	TR9	LIGHTING, AUXILIARY
_____		MIRRORS:
225	D35	—Sport, LH Remote and RH Manual
_____	D68	—Sport, Twin Remote
_____		MOLDINGS:
225	BW2	—Body Side, Deluxe
227	B93	—Door Edge Guard
226	B85	—Side Window Sill
_____	D84	PAINT, CUSTOM TWO-TONE: (Refer Page 2 for Exterior Paint Availability and Page 6 for Add'l Information)
_____	B3W	PRELIMINARY PRICE INFORMATION
_____		RADIO EQUIPMENT:
_____	U63	—AM Radio
_____	U69	—AM/FM Radio
225	U58	—AM/FM Stereo Radio
226	UN3	—AM/FM Stereo Radio w/Stereo Cassette Tape
_____	U81	—Speakers, Dual Rear (Reqs U63 or U69 Radio) (Incl w/U58 or UN3 Radio)
_____	U73	—Fixed Mast Antenna (Incl w/U63, U69, U58 or UN3 Radio)
228	U75	—Power Antenna (Reqs U63, U69, U58 or UN3 Radio) (N/A U73 Antenna)
_____		ROOF COVER, LANDAU VINYL: (See Vinyl Roof Selector)
_____	CC1	ROOF PANELS: Removable Glass
✓	AG9	SEAT, POWER: Six-Way (Reqs 55/45 Seat) (Driver's Side only)
226	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
226	N33	STEERING WHEEL: Comfortilt
_____	D85	STRIPING, PIN: Body (N/A D84 Paint) (Refer to Page 6 for Stripe Color Application)
_____		SUSPENSION EQUIPMENT:
_____	F40	—Heavy-Duty Front and Rear (N/A F41 Susp)
_____	F41	—Sport (Reqs QVU Tires) (N/A LT6 or LF9 Eng)
_____		TIRES: (B/W: Blackwall, W/S: White Stripe)
_____		Steel Belted Radial Ply
225	QXV	—P195/75 R-14 B/W (Base)
_____	QVJ	—P195/75 R-14 W/S
_____	QVU	—P205/70 R-14 W/S (Reqs F41 Susp)
228	A90	TRUNK OPENER, POWER
228	N18	WHEEL COVER LOCKING PACKAGE: (Reqs N95 Wheel Covers)
_____		WHEEL TRIM:
_____	N90	—Wheels, Aluminum
228	N95	—Wheels, Wire
226	ZJ7	—Wheels, Rally
227	A31	WINDOWS, POWER
227	CD4	WINDSHIELD WIPER SYSTEM: Intermittent

MONTE CARLO SS

COLOR AND TRIM SELECTION

Interior Trim Color		Dk Blue White
MODEL	SEAT TYPE	
1GZ37 Z85	Cloth Bench Cloth 55/45	MSS1 MSS3

Exterior Paint Color	Color Code		Dk Blue
	L	U	
Blue, Dark (Met)	27	27	R
White	11	11	R

L=Lower U=Upper

POWER TEAMS (Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO
	3.42
WITH NA5 STANDARD EMISSIONS	
L69	Std
WITH YF5 CALIFORNIA EMISSIONS	
L69	Std

MONTE CARLO SS

REFER WEEKLY STOPS/LATEST UPDATE

MODEL

1G237/Z65 Monte Carlo SS Sport Coupe
 _____Z65 SS (Incls Special Instrumentation
 w/Tachometer, Sport Suspension, Rear
 Spoiler, Special Rally Wheels, Sport
 Mirrors and P215/65 R-15 White
 Lettered Radial Tires)

✓ **ENGINE: MUST ORDER (See Power Teams)**

**STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude
 Requirements)——REQUIRES NA5**
 _____L69 5.0 Liter 4 BBL V8 (H.O.)

CALIFORNIA EMISSION EQUIPMENT——REQUIRES YF5
 _____L69 5.0 Liter 4 BBL V8 (H.O.)

EMISSION SYSTEMS: MUST ORDER ONE (See Above)

_____NA5 Standard Emission Equipment
 _____YF5 California Emission Requirements

QUICK-SPEC

3 3 3
 4 4 4
 0 1 2
 A A A

SS	Z65	x	x	x
Air Conditioning	C60	x	x	x
Glass, Tinted	A01	x	x	x
Mats, Color-Keyed Floor	B37	x	x	x
Radio, AM/FM Stereo	U58	x	N/I	N/I
Speed Control with Resume Speed	K35	x	x	x
Steering Wheel, Comfortilt	N33	x	x	x
<hr/>				
Defogger, Rear Window Electric	C49	x	x	
Lighting, Auxiliary	TR9	x	x	
Mirrors Sport, Twin Remote	D68	x	x	
Radio, AM/FM Stereo w/Cassette Tape	UN3	x	x	
Windows, Power	A31	x	x	
W/S Wiper System, Intermittent	CD4	x	x	
<hr/>				
Battery, Heavy-Duty	UA1			x
Door Lock System, Power	AU3			x
Headlamps, Halogen Hi-Beam	TT5			x
Seat, Power	AG9			x
Trunk Opener, Power	A90			x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION	
340	C60	AIR CONDITIONING
342	UA1	BATTERY, HEAVY-DUTY
341	C49	DEFOGGER, REAR WINDOW: Electric
342	AU3	DOOR LOCK SYSTEM, POWER
340	B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
340	A01	GLASS, TINTED: All Windows
342	TT5	HEADLAMPS, HALOGEN HI-BEAM
341	TR9	LIGHTING, AUXILIARY
341	D68	MIRRORS: Sport, Twin Remote
_____	B3W	PRELIMINARY PRICE INFORMATION
_____	U63	RADIO EQUIPMENT:
_____	U69	—AM Radio
340	U58	—AM/FM Radio
341	UN3	—AM/FM Stereo Radio
_____	U81	—AM/FM Stereo Radio w/Stereo Cassette Tape
_____	US6	—Speakers, Dual Rear (Reqs U63 or U69 Radio) (Incl w/U58 or UN3 Radio)
_____	US6	—Fixed Black Mast Antenna (Incl w/U63, U69, U58 or UN3 Radio)
342	AG9	SEAT, POWER: Six-Way (Reqs 55/45 Seat) (Driver's Side Only)
340	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
340	N33	STEERING WHEEL: Comfortilt
342	A90	TRUNK OPENER, POWER
341	A31	WINDOWS, POWER
341	CD4	WINDSHIELD WIPER SYSTEM: Intermittent

MONTE CARLO

WITHOUT D84 CUSTOM TWO-TONE PAINT STRIPE COLOR ONLY WHEN D85 STRIPE IS ORDERED

EXTERIOR PAINT COLOR	INTERIOR TRIM COLOR				
	DARK BLUE	DARK BROWN	FERN	MAROON	SAND GRAY
BEIGE 59 Stripe		R DK BROWN MET		A LT. MAROON	
BLACK 19 Stripe				R LT MAROON	R LT SAND GRAY
BLUE, DARK (MET) 27 Stripe	R LT BLUE				
BLUE, LIGHT (MET) 22 Stripe	R DK BLUE				
BROWN, DARK (MET) 67 Stripe		R LT BROWN			
BROWN, LIGHT (MET) 62 Stripe		R DK BROWN MET			
FERN, DARK (MET) 48 Stripe			R LT FERN		
FERN, LIGHT (MET) 42 Stripe			R DK FERN		
MAROON, LIGHT (MET) 73 Stripe				R DK MAROON	R DK MAROON
MAROON (MET) 78 Stripe				R LT MAROON	A LT MAROON
SILVER (MET) 15 Stripe	A SAND GRAY			R SAND GRAY	R SAND GRAY
WHITE 11 Stripe	R LT SAND GRAY	R GOLD	R LT SAND GRAY	R LT SAND GRAY	R LT SAND GRAY

R= Recommended Combination
A= Acceptable Combination

When D80 Non-Recommended Color Combination is specified or if the color of the stripe shown in the above chart is not desired, order one of the following options:
13A=Lt Sand Gray;16A=Sand Gray;
23A=Lt Blue;28A=Dk Blue;43A=Lt Fern;
47A=Dk Fern;55A=Gold;63A=Lt Brown;
68A=Dk Brown Met;77A=Lt Maroon;78A=Dk Maroon

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES ALLOWED) STRIPE COLOR —INCLUDED VINYL ROOF — ONLY WHEN APPROPRIATE ORDERING CODE IS INDICATED

Exterior Paint Color	Color Code			Accent Color and Ordering Code	Stripe (Included)	
	L	U or	Vinyl			
Blue, Light (Met)	22	22	DD	Dk Blue (Met)	27M	Blue/Cream
Brown, Light (Met)	62	62	EE	Dk Brown (Met)	67M	Brown/Cream
Fern, Light (Met)	42	42	—	Dk Fern (Met)	48M	Dk Fern/Cream
Maroon, Light (Met)	73	73	FF	Maroon (Met)	78M	Gold/Maroon
White	11	11	—	Silver (Met)	15M	Sand Gray/White

L = Lower U = Upper

MONTE CARLO

1983 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Model Number	Body Code	Wheel Base	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price*	Group Number
◆ 6-Cylinder Engine									
Sport Coupe	1GZ37	—	108.1"					8552.00	3

- ★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, optional equipment or accessories or special items or services.
- ◆ Refer to Dealer Order Guide for California Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
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REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Interior Trim:

C**1 Cloth Bench Seat . . . . .	...				NO ADDITIONAL CHARGE	
C**3 Cloth 55 /45 . . . . .	...					133.00
V**1 Vinyl Bench Seat . . . . .	...					28.00
V**3 Vinyl 55 /45 . . . . .	...					161.00
F**1 Custom Cloth Bench Seat . . . . .	...					358.00

Exterior Color:

Paint, Solid . . . . .	...				NO ADDITIONAL CHARGE	
Custom Two-Tone. Includes upper body accent, color-keyed striping	D84					214.00
Roof Cover, Vinyl, Landau . . . . .	...					240.00

Engines: (Refer to Dealer Order Guide for Emission System Requirements)

3.8 Liter 2 BBL V6	LC3				NO ADDITIONAL CHARGE	
3.8 Liter 2 BBL V6	LD5				NO ADDITIONAL CHARGE	
5.0 Liter 4 BBL V8	LG4					225.00
4.3 Liter V8 Diesel	LT6					500.00
5.7 Liter V8 Diesel	LF9					700.00

Air Conditioning: Includes increased cooling

C60	C60					725.00
Axles, Rear:						
High Altitude Ratio	G84				NO ADDITIONAL CHARGE	
Limited Slip Differential	G80					95.00
Performance Ratio	G92					21.00

Battery, Heavy-Duty. Included with V10 Cold-Climate Package.

Without Diesel Engine	UA1					25.00
With Diesel Engine	UA1					50.00
Clock: Quartz Electric. Included with UF7 Gage Package	U35					35.00

Cold-Climate Package Includes UA1 H.D. Battery and engine block and fuel line heater

V10	V10					99.00
Cooling, Heavy-Duty:						
Without C60 Air Conditioning	V08					70.00
With C60 Air Conditioning	V08					40.00

Defogger, Rear Window: Electric

C49	C49					135.00
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Door Lock System, Power: Electric

AU3	AU3					120.00
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Emission Systems:

California Emission Requirements. Includes all testing, equipment and /or certification necessary for registration in the State of California.						
Without Diesel Engine	YF5				WILL ADVISE	
With Diesel Engine	YF5				WILL ADVISE	
High Altitude Emission Equipment	NA6				NO ADDITIONAL CHARGE	
Standard Emission Equipment	NA5				NO ADDITIONAL CHARGE	

Floor Covering: 2 front and 2 rear color-keyed floor mats	B37					27.00
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Gage Package With Trip Odometer: Includes clock, temperature, voltmeter and oil pressure gages	UF7					95.00
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- * Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.
- (a) D & H Charges on vehicle and optional equipment include reimbursement to Chevrolet Motor Division for any tax that it has paid, incurred or agreed to pay thereon.
- ◇ State and local taxes not included.

MONTE CARLO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price ^o
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Glass, Tinted: All Windows	A01					105.00
Headlamps, Halogen Hi-Beam	TT5					10.00
Lamps, Cornering	T87					55.00
Lighting, Auxiliary: Includes luggage compartment, underhood lights and headlamp warning buzzer	TR9					28.00
Mirrors:						
<i>Sport, LH Remote and RH Manual</i>	D35					51.00
<i>Sport, Twin Remote</i>	D68					81.00
Moldings:						
<i>Body Side, Deluxe</i>	BW2					57.00
<i>Door Edge Guards</i>	B93					15.00
<i>Side Window Sill</i>	B85					45.00
Preliminary Price Information	B3W					N.A.
Radio Equipment:						
<i>AM Radio</i>	U63					112.00
<i>AM /FM Radio</i>	U69					171.00
<i>AM /FM Stereo Radio</i>	U58					198.00
<i>AM /FM Stereo Radio with Stereo Cassette Tape</i>	UN3					298.00
<i>Speakers, Dual Rear</i> . Included with U58 or UN3 Radio	U81					30.00
<i>Fixed Mast Antenna</i> . Included with radio	U73					41.00
<i>Power Antenna</i>	U75					60.00
Roof Panels: Removable Glass	CC1					825.00
Seat, Power: Electric, 6-Way Control. Driver's side only with 55 /45 Seat	AG9					210.00
Speed Control, Automatic: With Resume Speed	K35					170.00
Steering Wheel: Comfortilt	N33					105.00
Striping, Pin: Body . Included with D84 Custom Two-Tone Paint	D85					61.00
Suspension Equipment:						
<i>Heavy-Duty Front and Rear</i> . Includes special front and rear springs and matching shock absorbers	F40					26.00
<i>Sport</i> . Includes H.D. front and rear shock absorbers, higher rated front and rear springs, higher rated rear suspension bushings, larger diameter front stabilizer bar and added rear stabilizer bar	F41					49.00
Tires:						
<i>P195 /75 R-14 Steel Belted Radial Ply Blackwall(Standard)</i>	QXV				NO ADDITIONAL CHARGE	62.00
<i>P195 /75 R-14 Steel Belted Radial Ply White Stripes</i>	QVJ					124.20
<i>P205 /70 R-14 Steel Belted Radial Ply White Stripes</i>	QVU					40.00
Trunk Opener, Power: Electric	A80					
Wheel Trim:						
<i>Wheels, Aluminum</i>	N80					362.00
<i>Wheel Covers, Wire</i>	N95					153.00
<i>Wheels, Rally</i> . Includes styled wheels, special hub caps and trim rings	ZJ7					58.00
Wheel Cover Locking Package	N18					39.00
Windows, Power: Electric	A31					180.00
Windshield Wiper System: Intermittent	CD4					49.00

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

(a) D & H Charges on vehicle and optional equipment include reimbursement to Chevrolet Motor Division for any tax that it has paid, incurred or agreed to pay thereon.

◇ State and local taxes not included.

MONTE CARLO

1983 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Model Number	Body Code	Wheel Base	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price*	Group Number
◆ 6-Cylinder Engine Sport Coupe	1GZ37	—	108.1"					8552.00	3
◆ 8-Cylinder Engine SS Sport Coupe...	1GZ37	Z65	108.1"					10249.00	3

- ★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, optional equipment or accessories or special items or services
- ◆ Refer to Dealer Order Guide for California Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price○
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REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Interior Trim:

C**1 Cloth Bench Seat					NO ADDITIONAL CHARGE	
C**3 Cloth 55 /45						133.00
M**1 Cloth Bench Seat with white vinyl inserts					NO ADDITIONAL CHARGE	
M**3 Cloth 55 /45 with white vinyl inserts						133.00
V**1 Vinyl Bench Seat						28.00
V**3 Vinyl 55 /45						161.00
F**3 Custom Cloth 55 /45						388.00
F**1 Custom Cloth CL Bench Seat						358.00

Exterior Color:

Paint, Solid					NO ADDITIONAL CHARGE	
Custom Two-Tone. Includes upper body accent, color-keyed striping	D84					214.00
Roof Cover, Padded Vinyl, Landau						240.00

Engines: (Refer to Dealer Order Guide for Emission System Requirements)

3.8 Liter 2 BBL V6	LC3				NO ADDITIONAL CHARGE	
3.8 Liter 2 BBL V6	LD5				NO ADDITIONAL CHARGE	
5.0 Liter 4 BBL V8	LG4					225.00
5.0 Liter 4 BBL V8 (H.O.)	LG9				NO ADDITIONAL CHARGE	
4.3 Liter V6 Diesel	LT6					500.00
5.7 Liter V8 Diesel	LF9					700.00
Air Conditioning: Includes increased cooling	C60					725.00

Axles, Rear:

High Altitude Ratio	G84				NO ADDITIONAL CHARGE	
Limited Slip Differential	G80					95.00
Performance Ratio	G92					21.00

Battery, Heavy-Duty: Included with V10 Cold-Climate Package.

Without Diesel Engine	UA1					25.00
With Diesel Engine	UA1					50.00
Clock: Quartz Electric. Included with UF7 Gage Package	U35					35.00

Cold-Climate Package Includes UA1 H.D. Battery and engine block and fuel line heater

	V10					99.00
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Cooling, Heavy-Duty:

Without C60 Air Conditioning	V08					70.00
With C60 Air Conditioning	V08					40.00

Defogger, Rear Window: Electric	C49					135.00
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Door Lock System, Power: Electric	AU3					120.00
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* Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.

(a) D & H Charges on vehicle and optional equipment include reimbursement to Chevrolet Motor Division for any tax that it has paid, incurred or agreed to pay thereon.

○ State and local taxes not included.

MONTE CARLO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipment of 1983 model motor vehicles

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(1)	List Price	Mfr's Suggested Retail Price(2)
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Emission Systems:						
<i>California Emission Requirements</i> includes all testing, equipment and/or certification necessary for registration in the State of California						
Without Diesel Engine	YF5					75.00
With Diesel Engine	YF5					215.00
<i>High Altitude Emission Equipment</i>						
Standard Emission Equipment	NA8				NO ADDITIONAL CHARGE	
	NA5				NO ADDITIONAL CHARGE	
Floor Covering: 2 front and 2 rear color keyed floor mats						
	B37					27.00
Gage Package With Trip Odometer: Includes clock, temperature, voltmeter and oil pressure gages						
	UF7					95.00
Glass, Tinted: All Windows						
	A01					105.00
Headlamps, Halogen Hi-Beam						
	TT5					10.00
Heater, Engine Block: Included with V10 Cold-Climate Package						
	K05					20.00
Lamps, Cornering						
	T87					55.00
Lighting, Auxiliary: Includes luggage compartment, underhood lights and headlamp warning buzzer						
	TR9					28.00
Mirrors:						
<i>Sport, LH Remote and RH Manual</i> Standard on Z65 SS Sport Coupe						
	D35					51.00
<i>Sport, Twin Remote</i>						
Without Z65 SS Sport Coupe	D68					81.00
With Z65 SS Sport Coupe	D68					30.00
Moldings:						
<i>Body Side, Deluxe</i>	BW2					57.00
<i>Door Edge Guards</i>	B93					15.00
<i>Side Window Sill</i>	B85					45.00
Preliminary Price Information						
	B3W					N.A.
Radio Equipment:						
<i>AM Radio</i>						
	U63					112.00
<i>AM /FM Radio</i>						
	U69					171.00
<i>AM /FM Stereo Radio</i>						
	U58					198.00
<i>AM /FM Stereo Radio with Stereo Cassette Tape</i>						
	UN3					298.00
<i>Speakers, Dual Rear</i> Included with U58 or UN3 Radio						
	U81					30.00
Antennas						
<i>Fixed Mast</i> Included with radio						
	U73					41.00
<i>Fixed Mast, Black</i> Included with radio						
	US6					41.00
<i>Power Antenna</i>						
	U75					60.00
Roof Panels: Removable Glass						
	CC1					825.00
Seat, Power: Electric, 6-Way Control, Driver's side only with 55" x 45" Seat						
	AG9					210.00
Speed Control, Automatic: With Resume Speed						
	K35					170.00
Steering Wheel: Comfortilt						
	N33					105.00
Striping, Pin: Body Included with D84 Custom Two-Tone Paint						
	D85					61.00
Suspension Equipment:						
<i>Heavy-Duty Front and Rear</i> Includes special front and rear springs and matching shock absorbers						
	F40					26.00
<i>Sport</i> Standard on Z65 SS Sport Coupe. Includes H.D. front and rear shock absorbers, higher rated front and rear springs, higher rated rear suspension bushings, larger diameter front stabilizer bar and added rear stabilizer bar						
	F41					49.00
Tires:						
<i>P195 /75 R-14 Steel Belted Radial Ply Blackwall</i>						
	QXV				NO ADDITIONAL CHARGE	
<i>P195 /75 R-14 Steel Belted Radial Ply White Stripe</i>						
	QVJ					62.00
<i>P205 /70 R-14 Steel Belted Radial Ply White Stripe</i>						
	QVU					124.20
Trunk Opener, Power: Electric						
	A90					40.00
Wheel Trim:						
<i>Wheels, Aluminum</i>						
	N90					362.00
<i>Wheel Covers, Wire</i>						
	N95					153.00
<i>Wheels, Rally</i> Includes styled wheels, special hub caps and trim rings						
	ZJ7					56.00
Wheel Cover Locking Package						
	N18					39.00
Windows, Power: Electric						
	A31					180.00
Windshield Wiper System: Intermittent						
	CD4					49.00

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

(1) D & H Charges on vehicle and optional equipment include reimbursement to Chevrolet Motor Division for any tax that it has paid, incurred or agreed to pay thereon.
State and local taxes not included.



Specifications

Form

Passenger Car

1983

METRIC (U.S. Customary)

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line MONTE CARLO - MALIBU - EL CAMINO	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MICHIGAN 48090	Model Year 1983	Issued: SEPTEMBER, 1982 Revised (*): FEBRUARY, 1983

Revised sheets- 3A, 4, 4A, 5, 5A, 8, 8A, 11, 11A, 17, 21, 23

The information contained herein is prepared, distributed by and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown above. This specification form was developed by automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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

MVMA Specifications Form
Passenger Car
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NOTE:

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Car Models

Model Description	Introduction Date	Make, Car Line, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Truck/Cargo Load—Kilograms (Pounds)
		Model Number	Front/Rear		
MONTE CARLO 2-Door Coupe		1GZ37	3	3	73.1 (161.2)
MALIBU 4-Door Sedan		1GW69	3	3	75.2 (165.8)
4-Door Station Wagon		1GW35	3	3	90.7 (200.0)
EL CAMINO 2-Door Sedan Pickup		1GW80	3	-	362.9 (800.0)

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

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Car Line MONTE CARLO-MALIBU-EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Power Teams (Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in Hg atmospheric pressure

SERIES AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO (std first) (indicate A/C ratio) Base Opt.
	Displ. Liters (in ³)	Carb (Barrels, FI, etc.)	Compr Ratio	SAE Net at RPM		Exhaust System*		
				kW (bhp)	Torque N - m (lb ft.)			
Base-All exc. Calif.-Malibu & Monte Carlo Wagon El Camino	V6 3.8 Liter (229 CID) LC3	2	8.6:1	110 @ 4000	190 @ 1600	S	Auto'250c'Base 2.41:1 2.73:1** <i>same as 350c only - has an external lock band</i>	
Base-Calif. Only-Malibu & Monte Carlo Wagon & El Camino	V6 3.8 Liter (231 CID) LD5	2	8.0:1	110 @ 3800	190 @ 1600	S	Auto'250c'Base 2.4:1 2.73:1	
Avail All exc. Calif.-Malibu & Monte Carlo	V6 4.3 Liter (262 CID) FI Diesel LT6	Fuel Inj.	22.8:1	85 @ 3600	165 @ 1600	S	Auto'200c'Base 2.41:1 2.56:1**	
Avail All exc. Calif.-Malibu & Monte Carlo Wagon & El Camino	V8 5.0 Liter (305 CID) LG4	4	8.6:1	150 @ 4000	240 @ 2400	Auto'250c'Base S	2.29:1 2.73:1 Auto'250c'Base 2.41:1 Auto'350c'Avail 3.08:1 Auto'250c'Base 2.29:1	
Avail Calif. Only-Malibu & Monte Carlo Wagon & El Camino	V8 5.0 Liter (305 CID) LG4	4	8.6:1	150 @ 4000	240 @ 2400	Auto'250c'Base S	2.29:1 2.73:1 Auto'250c'Base 2.41:1 Auto'350c'Avail 3.08:1	
Avail All - Malibu, Monte Carlo, Wagon & El Camino	V8 5.7 Liter (350 CID) Diesel LF9	Fuel	22.1:1	105 @ 3200	200 @ 1600	S	Auto'350c'Base 2.29:1@2.73:1@	
	<i>LG9 5.0 A.D.</i>							

** - Available with RPO NA6, high altitude option only
 @ - Air conditioning mandatory when NA6 is ordered

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Engine Description/Carb. Engine Code	3.8 L V6 (229 CID) 2-Bb1. CARBURETOR RPO 1C3	3.8 L V6 (231 CID) 2-Bb1. CARBURETOR RPO 1D5	5.0 L V8 (305 CID) 4-Bb1. CARBURETOR RPO 1G4
---	--	--	--

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)	90°V Front Longitudinal		
No. of cylinders	6		8
Bore	94.92 (3.736)	96.0 (3.80)	94.92 (3.736)
Stroke	88.39 (3.48)	86.4 (3.40)	88.39 (3.48)
Bore spacing (c/l to c/l)	111.8 (4.40)	107.7 (4.24)	111.8 (4.40)
Cylinder block material	Cast alloy iron		
Cylinder block deck height	229.2 (9.025)	242.8 (9.56)	229.2 (9.025)
Deck clearance (minimum) (above or below block)	.025 below	1.91 below	.635 (.025) below
Cylinder head material	Cast alloy iron		
Cylinder head volume (cm ³)			
Head gasket thickness (compressed)	.533 (.021)		
Minimum combustion chamber volume (cm ³)	58.9 (3.59)	87.6 (5.35)	58.9 (3.59)
Cyl no system (front to rear)*	L. Bank	1-3-5	1-3-5-7
	R. Bank	2-4-6	2-4-6-8
Firing order	1-6-5-4-3-2		1-8-4-3-6-5-7-2
Recommended fuel (leaded, unleaded, diesel)	Unleaded		
Fuel antiknock index (R + M) / 2	87		
Total dressed engine mass (wt) dry**	205.6 (453.2)	207.3 (457.0)	274.3 (605.0)

Engine - Pistons

Material	Cast aluminum alloy		
Mass, g (weight, oz.) - Piston Only	502 (17.7)		502 (17.7)

Engine - Camshaft

Location	In block above crankshaft		
Material (kg., weight, lbs.)	Cast alloy iron		
Mass (kg., weight, lbs.)	3.171 (6.99)	3.097 (6.83)	3.969 (8.75)
Type of drive (chain or belt)	Width	15.87 (.625) Chain	15.875 (.625)
	Pitch	12.7 (.500)	9.53 (.375)
			12.7 (.500)

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

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

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 9-82 Revised (*) 2-83

Engine Description/Carb. Engine Code	4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
--------------------------------------	--	--

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)	90°V Front Longitudinal	
No. of cylinders	6	8
Bore	103.05 (4.057)	
Stroke	85.98 (3.385)	
Bore spacing (c/l to c/l)	117.5 (4.625)	
Cylinder block material	Cast iron	
Cylinder block deck height	237 (9.330 +/- .005)	
Deck clearance (minimum) (above or below block)	.46 (.018 above)	
Cylinder head material	Cast iron	
Cylinder head volume (cm ³)	21.48 (1.311 in. ³)	
Head gasket thickness (compressed)	1.17-1.22 (.046 - .048)	
Minimum combustion chamber volume (cm ³)	33.41 (2.039 in ³)	
Cyl no. system (front to rear)*	L. Bank	1-3-5
	R. Bank	2-4-6
Firing order	1-6-5-4-3-2	1-8-4-3-6-5-7-2
Recommended fuel (leaded, unleaded, diesel)	Diesel fuel #2 (above 20°F) #1 (below 20°F)	
Fuel antiknock index (R + M) 2		
Total dressed engine mass (wt) dry**	261.0 (575.4)	#315.3 (695.1), 328.9 (725.1)

Engine - Pistons

Material	Aluminum Alloy	
Mass, g (weight, oz.) - Piston Only	.796 (22.57)	.794 (22.51)

Engine - Camshaft

Location	Center	
Material (kg., weight, lbs.)	Forged steel	
Mass (kg., weight, lbs.)	3.740 (8.26)	4.950 (10.91)
Type of drive (chain or belt)	Width	14.48 (.570) - chain
	Pitch	12.7 (.500) - chain

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

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

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

Aluminum Intake

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO 1C3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO 1D5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO 1G4
--	--	--

Engine - Valve System

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

Engine - Connecting Rods

Material & mass (kg., weight, lbs.)	.600 (1.323) 1037 or 1038 steel	.680 (1.500) Cast arma steel	.662 (1.460) 1037 or 1038 steel
-------------------------------------	------------------------------------	---------------------------------	------------------------------------

Engine - Crankshaft

Material (kg., weight, lbs.)	Nodular cast iron		
Mass (kg., weight, lbs.)	17.576 (38.75)	15.980 (35.23)	23.360 (51.50)
End thrust taken by bearing (no.)	4	2	5

Engine - Lubrication System

Normal oil pressure (kPa (psi) at engine rpm)	345-448 (50-65 @ 2000)	345-448 (50-65 @ 2000)
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of oil case, less filter-refill-L (qt)	3.8 (4.0)	4.5 (5.0)

Engine - Diesel Information

Glow plug, current drain at 0°F		
Injector nozzle	Type	NOT
	Opening pressure (kPa (psi))	APPLICABLE
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Supplementary vacuum source (type)		

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
--	--

Engine - Valve System

Lifters (std., opt., n.a.)	Hydraulic	Hydraulic roller lifters-standard
	Solid	--

Engine - Connecting Rods

Material & mass (kg., weight, lbs.)	.892 (1.966) Steel SAE 1140 Mod.	.880 (1.940) Steel SAE 1140 Mod.
-------------------------------------	-------------------------------------	-------------------------------------

Engine - Crankshaft

Material (kg., weight, lbs.)	Nodular iron	
Mass (kg., weight, lbs.)	19.700 (43.43)	26.333 (58.05)
End thrust taken by bearing (no.)	3	

Engine - Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	207-310 (30-45) @ 1500	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of c/case, less filter-refill-L (qt)	6.0 Liter (6.5 quarts)	7.1 (7.5)

Engine - Diesel Information

Glow plug, current drain at 0°F	18 amps	
Injector nozzle	Type	Poppet
	Opening pressure [kPa (psi)]	8450 +/- 690 (1225 +/- 100 PSI), V6 see below
Pre-chamber design	Side exit	
Fuel injection pump	Manufacturer	Stanadyne/Cav
	Type	DB2
Supplementary vacuum source (type)	V-Belt driven pump V6-6900 kpa +/- 690 (1000 +/- 100)	

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
--	--	--

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

Induction type: carburetor, fuel injection system, etc		Carburetor			
Carburetor	Mfr	Rochester			
	Choke (type)	Electric			
	Idle spd -rpm (spec neutral or drive and propane if used)	Manual	Not Available		Not Available
		Automatic	2200 RPM (Park or Neutral) (Fast Idle Speed)		500 RPM (Drive) --
Idle A/F mix		Preset-No adj provided		Preset-no adj provid.	
Fuel injection	Point of injection (no)	--			
	Constant, pulse, flow	--			
	Control (electronic, mech.)	--			
	System pressure (kPa (psi))	--			
Intake manifold heat control (exhaust or water) thermostatic or fixed		Exhaust			
Air cleaner type	Standard	Replaceable paper-element, single snorkel			
	Optional	--			
Fuel pump	Type (elec. or mech.)	Mechanical			
	Location (eng. tank)	Lower right front	Lower left front	Lower right front	
	Pressure range (kPa (psi))	31-41 (4.5-6.0)	29-40 (4.25-5.75)	51.7-62.0 (7.5-9.0)	

Fuel Tank

Capacity (refill) (L (gallons))		69.0(18.1) Monte Carlo & Sedan; 69.0(18.2) St Wgn; 67.0(17.7)		
Location (describe)		Rear center - underside		El Camino
Attachment		Underbody strap		
Material		Steel #1008 or 1010 GM-124-M		
Filler Pipe	Location & material	Monte Carlo & Sedan - rear, St Wgn & El Camino LR quarter panel		
	Connection to tank	Solid solder		
Fuel line (material)		Steel #1008 or 1010 GM-124-M		
Fuel hose (material)		Rubber		
Return line (material)		Steel #1008 or 1010 GM-124-M		
Vapor line (material)		Steel #1008 or 1010 GM-124-M		
Extended range tank	Opt. n/a	Optional		
	Capacity (L (gallons))	83.3 (22.0) opt. El Camino, gasoline engines		
	Location & material			
	Attachment			
Auxiliary tank	Opt. n/a			
	Capacity (L (gallons))			
	Location & material			
	Attachment			
	Selector switch or valve			
Separate fill				

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
--	--

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

Induction type: carburetor, fuel injection system, etc.		Fuel Injection		
Carburetor	Mfr.	--		
	Choke (type)	--		
	Idle spd -rpm (spec neutral or drive and propane if used)	Manual	--	
		Automatic	--	
Idle A/F mix		Preset - No adjustment provided		
Fuel injection	Point of injection (no.)	Cylinder head, pre-chamber		
	Constant, pulse, flow	Pulse		
	Control (electronic, mech.)	Mechanical		
	System pressure (kPa (psi))	6900 kPa +/-690 (1000 +/-100)		
Intake manifold heat control (exhaust or water) thermostatic or fixed		--		
Air cleaner type	Standard	Oil wetted paper element		
	Optional	None		
Fuel pump	Type (elec. or mech.)	Electrical	Mechanical	
	Location (eng. tank)	Top center of engine	Right front engine	
	Pressure range (kPa (psi))	37.92-44.82 (5.5-6.5)		

Fuel Tank

Capacity (refill L (gallons))		75.0 (19.8) Monte Carlo & Sedan; 69.0 (18.2) St Wgn; 83.3 (22.0) El Camino - Diesel	
Location (describe)		Rear center underside	
Attachment:		Underbody strap	
Material:		Steel #1008 or 1010 GM-124-M	
Filler pipe	Location & material	Monte Carlo & Sedan - rear; St Wgn & El Camino LR quarter panel	
	Connection to tank	Solid solder	
Fuel line (material)		Steel #1008 or 1010 GM-124-M	
Fuel hose (material)		Rubber	
Return line (material)		Steel #1008 or 1010 GM-124-M	
Vapor line (material)		Steel #1008 or 1010 GM-124-M	
Extended range tank	Opt. na	Optional	
	Capacity (L (gallons))	83.3 (22.0) opt. El Camino, gasoline engines	
	Location & material		
Auxiliary tank	Attachment		
	Opt. na	Optional	
	Capacity (L (gallons))		
	Location & material		
	Attachment		
Auxiliary tank	Selector switch or valve		
	Separate fill		

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METRIC (U.S. Customary)

Car Line _____ Model Year 1983 Issued 7-23-82 Revised (*) 3-82

Engine Description/Carb. Engine Code

3.8 L V6 (229 CID) 2-Bb1. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bb1. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bb1. CARBURETOR RPO LG4
--	--	--

Engine - Cooling System

Coolant recovery system (std. opt. n.a.)		Standard			
Coolant fill location (rad. bottle)		Bottle			
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)			
Circulation thermostat	Type (choke, bypass)	Choke			
	Starts to open at °C (°F)	91 (195)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	14	14		
	Number of pumps	One			
	Drive (V-belt, other)	V-Belt			
	Bearing (type)	Sealed, double row ball			
By-pass recirculation (type (inter., ext.))		Internal	Internal		
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow			
Cooling system capacity	With heater—L(lqt.)	14.32 (15.14)	15.53 (16.42)		
	With air cond.—L(lqt.)	14.45 (15.27)	15.03 (15.89)		
	Opt. equipment (specify—L(lqt.))	14.55 (15.38)	15.13 (15.99)		
Water jackets full length of cyl (yes, no)		Yes H.D. Radiator	H.D. Radiator		
Water all around cylinder (yes, no)		Yes			
Radiator core	Standard	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	5.0	5.6	
	A/C	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	6.2	7.3	
	Heavy duty	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	6.2	7.3	
Fan (standard)	Number of blades & type (flex, solid, material)		4, staggered	5, staggered	4, staggered
	Diameter & projected width		483 (19.0)	508 (20.0)	483 (19.0)
	Ratio (fan to crankshaft rev.)				
	Fan cutout type		None	Clutch	None
	Drive (type (direct, remote))		V-belt-one		
	Fan shroud (material)				
Fan (electric)	Diameter & projected width				
	RPM at idle				
	Motor rating (wattage)				
	Motor switch (type & location)				
	Switch point (temp, pressure)				
Fan shroud (material)					
Fan (optional)	No. of blades and spacing		5, staggered		
	Diameter & projected width		483 (19.0)	508 (20.0)	
	Ratio (fan to crankshaft rev.)				
	Fan cut-out (type)		Clutch		
Drive (type direct, remote)		V-belt-one			

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
--	--

Engine - Cooling System

Coolant recovery system (std., opt., na)		Standard		
Coolant fill location (rad., bottle)		Bottle		
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)		
Circulation thermostat	Type (choke, bypass)	By-pass		
	Starts to open at °C (°F)	91 (195)		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump rpm	22 GPM		
	Number of pumps	One		
	Drive (V-belt, other)	Serpentine		
Bearing (type)		Ball		
By-pass recirculation (type (inter., ext.))		External		
Radiator core [type (cross-flow vertical cellular tube and fin, other) and material]		Cross-flow		
Cooling system capacity	With heater—L(qt.)	13.8 (14.59)	17.46 (18.46)	
	With air cond.—L(qt.)	14.5 (15.33)	17.42 (18.41)	
	Opt. equipment (specify—L(qt.))	14.6 (15.43)	17.52 (18.52)	
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator core	Standard	Width	668 (26.3)	
		Height	430 (17.0)	
		Thickness	25.0 (0.98)	40.2 (1.58)
		Fins per inch	7.26	6.35
	A/C	Width	668 (26.3)	
		Height	430 (17.0)	
		Thickness	40.2 (1.58)	
		Fins per inch	6.35	8.47
	Heavy duty	Width	668 (26.3)	
		Height	430 (17.0)	
		Thickness	40.2 (1.58)	
		Fins per inch	6.35	8.47
Fan (standard)	Number of blades & type (flex, solid, material)	5, staggered	4, solid	
	Diameter & projected width	483 (19.0)		
	Ratio (fan to crankshaft rev.)	1.40		
	Fan cutout type	Clutch	None	
	Drive (type (direct, remote))	V-belt-one		
Fan (electric)	Fan shroud (material)	Polypropylene		
	Diameter & projected width	Not available		
	RPM at idle	Not available		
	Motor rating (wattage)	Not available		
	Motor switch (type & location)	Not available		
	Switch point (temp., pressure)	Not available		
Fan (optional)	Fan shroud (material)	Not available		
	No. of blades and spacing	5, staggered		
	Diameter & projected width	483 (19.0)		
	Ratio (fan to crankshaft rev.)	1.22	1.40	
Fan cut-out (type)		Clutch		
Drive (type direct remote)		V-belt-one		

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

Car Line _____ Model Year 1983 Issued 7-23-82 Revised _____

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air injection w/computer command control		
	Air Injection	Pump (type)	Vane		
		Driven by	V-belt		
		Air distribution (head, manifold, etc.)	Manifold, converter	Exhaust pipe	
		Point of entry	Inlet Manifold	Exhaust pipe	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width modulated (#)		
		Exhaust source	Manifold exhaust crossover		
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet manifold		
	Catalytic Converter	Type	Dual Bed, Oxidizing Sgl. Bed, Oxidizing	Dual Bed, Oxidizing	
		Number of	One & Reducing	& Reducing	& Reducing (b)
		Location(s)	Beneath RF underbody		
		Volume [L (in ³)]	2.78 (170)	4.13 (252)	2.78 (170)
Substrate type		Monolith	Pellets	Monolith (b)	
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)		Carburetor air cleaner		
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
	Vapor Storage provision (crankcase, canister, other)		Canister		

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover		
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow		
Resonator no. & type		None		
Exhaust pipe	Branch o.d. wall thickness	50.8x1.15(2.0x.045)(a)	50.8x.8(2.0x.03)	50.8x1.15(2.0x.045)
	Main o.d. wall thickness	57.15x1.02(2.25x.040)		
	Material	Laminated-stainless steel outer, steel inner.*		
Intermediate pipe	o.d. & wall thickness	57.15x1.40(2.25x.057)	50.8x1.09(2.0x.043)	57.15x1.06(2.25x.04)
	Material	Aluminum coated steel	Laminated steel tubing	
Tail pipe	o.d. & wall thickness	50.8x1.09(2.0x.043)	57.15x1.39(2.25x.05)	
	Material	Aluminum coated steel		

- (#) - LD5 Engine, controlled flow
- (a) - Right hand-left hand 50.8x1.02 (2.0x.040)
- (b) - Single bed pellets in California
- * - Branch-main, stainless steel tubings
- @ - Outer tubing aluminum coated

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (•) 9-82

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Vehicle Emission Control

Exhaust Emission Control	Type (air injection engine modifications other)		Not available
	Air Injection	Pump (type)	Not available
		Driven by	Not available
		Air distribution (head, manifold, etc.)	Not available
		Point of entry	Not available
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Variable orifice
		Exhaust source	Intake manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Air crossover
	Catalytic Converter	Type	Not available
		Number of	Not available
		Location(s)	Not available
		Volume [L (in ³)]	Not available
Substrate type		Not available	
Crankcase Emission Control	Type (ventilates to atmosphere induction system other)		Positive crankcase ventilation (Induction)
	Energy source (manifold vacuum carburetor other)		Manifold vacuum
	Discharges (to intake manifold other)		Intake manifold
	Air inlet (breather cap, other)		Breather cap
Evaporative Emission Control	Vapor vented to (crankcase canister, other)	Fuel tank	Not available
		Carburetor	Not available
	Vapor Storage provision (crankcase, canister, other)		Not available

Engine - Exhaust System		LT6	LF9
Type (single, single with cross-over, dual, other)		Single with cross-over	Single with crossover
Muffler no. & type (reverse flow, straight thru, separate resonator)		Resonator and Muffler, dual tailpipes	Muffler with dual tailpipes
Resonator no. & type		One straight thru	
Exhaust pipe	Branch o.d. wall thickness	44.6 x 1.07 (1.75 x .042) [@]	50.8 x 1.07 (2.0 x .042) [@]
	Main o.d. wall thickness	57.15 x 1.09 (2.25 x .043) [*]	63.5 x 1.07 (2.5 x .042) [*]
	Material	Aluminum & steel tubing	
Inter-mediate pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.07 (2.25 x .042)
	Material	Laminated steel tubing	Laminated steel tubing [%]
Tail pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	44.5 x 1.4 (1.75 x .055)
	Material	Aluminized steel	Aluminized steel

* - Laminated tubing - Aluminized steel outer, steel inner
 @ - Laminated steel tubing
 % - Outer tube aluminized for El Camino

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 2-83

Engine Description/Carb. Engine Code	3.8 L V6 (229 CID)	3.8 L V6 (231 CID)	5.0 L V8 (305 CID)
	2-Bbl. CARBURETOR RPO LC3	2-Bbl. CARBURETOR RPO LD5	4-Bbl. CARBURETOR RPO LG4

Electrical - Supply System

Battery	Voltage (V & total plates)	12 Volts		
	Minimum reserve cranking	70min.(a), 90min.(b)	75min.(a), 90min.(b)	70min.(a), 90min.(b)
	SAE capacity (ampal)	355(a), 500(b)	315(a), 500(b)	355(a), 500(b)
	Location	Engine compartment, right front		
Generator or alternator	Type and rating	37	42	37
	Ratio (all crank/rev)	2.73:1		
	Optional (type & rating)	None		
Regulator	Type	Micro circuit unit; integral with distributor		

Electrical - Starting System

Start motor	Current drain at -20°F	305		270
Motor drive	Engagement type	Positive shift solenoid		
	Pinion engages from (front, rear)	Rear	Front	Rear

- (a) - Standard
- (b) - Optional

MVMA Specifications Form
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METRIC (U.S. Customary)

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 9-82 Revised (*), 2-83

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Electrical - Supply System

Battery	Voltage rtg (V & total plates)	12 Volts
	Minimum reserve cranking	90 minutes (standard), 115 minutes (optional)
	SAE capacity (amps)	500 (standard) - 2 required 550 (optional) - 2 required
	Location	Engine compartment, right front
Generator or alternator	Type and rating	42 63
	Ratio (alt crank/rev)	2.73:1
	Optional (type & rating)	None
Regulator	Type	Micro circuit unit; integral with distributor

Electrical - Starting System

Start motor	Current drain at 0°F	745 amps *
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front/rear)	Front

* Current drain for starting motor is at -20°F.

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (•) _____

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
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Electrical - Ignition System

Type	Conventional (std. opt. n.a.)		--
	Transistorized (std. opt. n.a.)		--
	Other (specify)		High Energy Ignition (HEI)
Coil	Make		Delco Remy
	Model		Integral with distributor
	Current	Engine stopped - A	--
		Engine idling - A	--
Spark plug	Make		AC
	Model		R45TS
	Thread (mm)		14 x 1.25
	Tightening torque (N-m (lb. ft.))		9-20 (7-15)
	Gap		1.143 (.045)
Distributor	Make		Delco Remy
	Model		1110584

Electrical - Suppression

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

Speed-ometer	Type	Circular dial with pointer
	Trip odometer (std. opt. n.a.)	Not available
EGR maintenance indicator		Not available
Charge indicator	Type	Tell-tale
	Warning device	Not available
Temperature indicator	Type	Tell-tale
	Warning device	Not available
Oil pressure indicator	Type	Tell-tale
	Warning device	Not available
Fuel indicator	Type	Electric gauge
	Warning device	Not available
Wind-shield wiper	Type (standard)	Electric two-speed
	Type (optional)	intermittent windshield wiper system
	Blade length	457 (18.0)
	Swept area [cm ² (in. ²)]	Monte Carlo & El Camino 6000 (930.3)*
Wind-shield washer	Type (standard)	Push button
	Type (optional)	Not available
	Fluid level indicator	Not available
Horn	Type	Vibrator
	Number used	Dual
Other	Restraint system warning light and buzzer Parking brake and brake failure warning light Optional pkg, includes tachometer, voltmeter, oil pressure and coolant temperature gauges.	

*Station wagon 5931 (919.5)

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Electrical - Ignition System

Type	Conventional (std. opt. n.a.)	--	
	Transistorized (std. opt. n.a.)	--	
	Other (specify)	NOT	
Coil	Make	APPLICABLE	
	Model	--	
	Current	Engine stopped - A	--
		Engine idling - A	--
Spark plug	Make	--	
	Model	--	
	Thread (mm)	--	
	Tightening torque (N-m (lb. ft.))	--	
	Gap	--	
Distributor	Make	--	
	Model	--	

Electrical - Suppression

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

Speed-ometer	Type	Circular dial with pointer
	Trip odometer (std. opt. n.a.)	Not available
EGR maintenance indicator		Not available
Charge indicator	Type	Tell-tale
	Warning device	Not available
Temperature indicator	Type	Tell-tale
	Warning device	Not available
Oil pressure indicator	Type	Tell-tale
	Warning device	Not available
Fuel indicator	Type	Electric gauge
	Warning device	Not available
Windshield wiper	Type (standard)	Electric two-speed
	Type (optional)	intermittent windshield wiper system
	Blade length	457 (18.0)
	Swept area (cm ² (in ²))	Monte Carlo & El Camino 6000 (930.3)*
Windshield washer	Type (standard)	Push button
	Type (optional)	Not available
	Fluid level indicator	Not available
Horn	Type	Vibrator
	Number used	Dual

Other
 Restraint system warning light and buzzer
 Parking brake and brake failure warning light
 Optional pkg, includes tachometer, voltmeter,
 oil pressure and coolant temperature gauges.

*Station wagon 5931 (919.5)

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
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Transmissions

Manual 3-speed (std., opt., n.a.)	Not available
Manual 4-speed (std., opt., n.a.)	Not available
Manual 5-speed (std., opt., n.a.)	Not available
Manual overdrive (std., opt., n.a.)	Not available
Automatic (std., opt., n.a.)	Standard
Automatic overdrive (std., opt., n.a.)	Not available

Manual Transmission

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

Clutch (Manual Transmission)

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
--	--

Transmissions

Manual 3-speed (std., opt., n.a.)	Not available
Manual 4-speed (std., opt., n.a.)	Not available
Manual 5-speed (std., opt., n.a.)	Not available
Manual overdrive (std., opt., n.a.)	Not available
Automatic (std., opt., n.a.)	Standard
Automatic overdrive (std., opt., n.a.)	Not available

Manual Transmission

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

Clutch (Manual Transmission)

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

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 2-83

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bb1. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bb1. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bb1. CARBURETOR RPO LG4
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Automatic Transmission (See "Power Teams" for Transmission Usage)

Trade name		3-speed automatic	
Type (describe)		Torque converter with planetary gears '250c' | '350c'	
Selector	Location	Standard steering column	
	Ltr/No designation	P-R-N-D-2-1	
Gear ratios	R	1.93	
	D	1.00	
	2	1.52	
	1	2.52	
Overdrive		Not Available	
Max upshift speed - drive range (km/h (mph))		122.3(76), 109.4(68)	122.3 (76) | 133(82), 109.4(68)
Max kickdown speed - drive range (km/h (mph))		115.9(72), 104.6(65)	115.9 (72) | 125.5(78), 104.6(65)
Min overdrive speed (km/h (mph))		Not Available	
Torque converter	Number of elements	3	
	Max ratio at stall	1.9 (2.2 for Police and Taxi Vehicles)	
	Type of cooling (air liquid)	Liquid	
Lubricant	Nominal diameter	298 (11.75)	
	Capacity (refill L (pt))	2.8 (6.0)	
	Type recommended	Dexron II	
Special transmission features		Torque converter clutch, 3rd gear lock-up	

Axle or Front Wheel Drive Unit

Type (front rear)		Rear		
Description		Semi-floating axle, overhung hypoid drive Pinion and ring gear		
Limited slip differential (type)		Disc clutch		
Drive pinion offset		38.1 (1.50)		
Drive pinion (type)		Hypoid gear		
No of differential pinions		Two		
Pinion adjustment (shim other)		Shim		
Pinion bearing adj (shim other)		Collapsible sleeve		
Driving wheel bearing (type)		Direct or single row cylindrical		
Lubricant	Capacity (L (pt))	1.6 (3.5)		
	Type recommended	GL5 gear lubricant		
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	80W or 80W-90	
Extreme cold		80W or 80W-90		

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

Axle ratio or overall ratio		2.41	2.73	2.41	3.29	2.73
No of teeth	Pinion	17	15	21		
	Ring gear or gear	41	41	48		
Ring gear o d		191 (7.5)	191 (7.5)	191 (7.5)	191 (7.5)	
Transaxle	Transfer gear ratio	--	--	--	--	
	Final drive ratio	--	--	--	--	

MVMA Specifications Form
Passenger Car
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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 9-83 Revised (*) 2-83

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Automatic Transmission (See "Power Teams" for Transmission Usage)

Trade name		3-speed automatic	
Type (describe)		Torque converter with planetary gears '200c'	
Selector	Location	Standard-steering column	
	Ltr/No designation	P-R-N-D-2-1	
Gear ratios	R	2.07	1.93
	D	1.00	1.00
	2	1.57	1.52
	1	2.74	2.52
	Overdrive	Not Available	
Max upshift speed - drive range (km/h (mph))		--	--
Max kickdown speed - drive range (km/h (mph))		--	--
Min overdrive speed (km/h (mph))		Not Available	
Torque converter	Number of elements	3	3
	Max ratio at stall	2.15	1.9
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (pt.))	2.8 (6.0)	
	Type recommended	Dexron II	
Special transmission features		Torque converter clutch, 3rd gear lock-up	

Axle or Front Wheel Drive Unit

Type (front/rear)		Rear		
Description		Semi-floating axle, overhung hypoid drive Pinion and ring gear		
Limited slip differential (type)		Disc clutch		
Drive pinion offset		38.1 (1.50)		
Drive pinion (type)		Hypoid gear		
No. of differential pinions		Two		
Pinion adjustment (shim/other)		Shim		
Pinion bearing adj. (shim/other)		Collapsible sleeve		
Driving wheel bearing (type)		Direct or single row cylindrical		
Lubricant	Capacity (L (pt.))	1.6 (3.5)		
	Type recommended	GL5 gear lubricant		
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	80W or 80W-90	
Extreme cold		80W or 80W-90		

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

Axle ratio or overall ratio		2.29	2.41	2.56	2.73
No. of teeth	Pinion	21	17	16	15
	Ring gear or gear	48	41	41	41
Ring gear od		191 (7.5)	191 (7.5)	191 (7.5)	191 (7.5)
Transaxle	Transfer gear ratio	--	--	--	--
	Final drive ratio	--	--	--	--

MVMA Specifications Form
Passenger Car
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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
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Propeller Shaft - Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube	
Outer diam x length* x wall thickness	Manual 3-speed trans	Not Available	
	Manual 4-speed trans.	Not Available	
	Manual 5-speed trans	Not Available	
	Overdrive	Not Available	
	Automatic transmission	Monte Carlo & Wagon 63.5 x 1331.5 x 1.65 (2.5 x 52.4 x .065) El Camino 82.6 x 1560.1 x 1.65 (3.25 x 61.4 x .065)	
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	--	
Slip yoke	Type	Yoke	
	Number of teeth	27	
	Spline o.d.	--	
Universal joints	Make and mfg no	Front	Saginaw 44
		Rear	--
	Number used	Two	
	Type (ball and trunnion, cross)	Single Cardan	
	Rear attach (u-bolt, clamp, etc.)	Strap & Bolt	
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric. (fitting, prepack)		Prepacked	
Drive taken through (torque tube, arms or springs)		Control Arms	
Torque taken through (torque tube, arms or springs)		Control Arms	

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Propeller Shaft - Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube		
Outer diam. x length* x wall thickness	Manual 3-speed trans	Not Available		
	Manual 4-speed trans.	Not Available		
	Manual 5-speed trans.	Not Available		
	Overdrive	Not Available		
	Automatic transmission	Monte Carlo & Wagon 63.5 x 1331.5 x 1.65 (2.5 x 52.4 x .065) El Camino 82.6 x 1560.1 x 1.65 (3.25 x 61.4 x .065)		
Inter-mediate bearing	Type (plain, anti-friction)	None		
	Lubrication (fitting, prepack)	--		
Slip yoke	Type	Yoke		
	Number of teeth	27		
	Spline o.d.	--		
Universal joints	Make and mfg. no.	Front	Saginaw 44	
		Rear	--	
	Number used		Two	
	Type (ball and trunnion, cross)		Single Cardan	
	Rear attach (u-bolt, clamp, etc.)		Strap & Bolt	
	Bearing	Type (plain, anti-friction)	Anti-Friction	
Lubric. (fitting, prepack)		Prepacked		
Drive taken through (torque tube, arms or springs)		Control Arms		
Torque taken through (torque tube, arms or springs)		Control Arms		

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

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

Car Line MONTE CARLO MALIBU EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Engine Description/Carb.
 Engine Code

MONTE CARLO COUPE & MALIBU

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P195/75R-14(BW & WW)@Monte Carlo	Malibu Sedan P185/75R-14 BW	
	Type (bias, radial, etc.)		Steel belted radial	Glass belted radial	
	Inflation pressure (cold) for recommended max vehicle load	Front (kPa (psi))	240 (35)		
		Rear (kPa (psi))	240 (35)		
Rev./mile—at 70 km/h (45 mph)		508 (817)			
Wheels	Type & material		Short spoke disc, steel		
	Rim (size & flange type)		14 x 6		
	Wheel offset		Zero		
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	120.7 (4.75)		
Number & size		5 hex nuts - 7/16 - 20			
Spare	Tire and wheel (same, if other describe)		15x4, 2.5mm (1.0 in) offset except limited slip differential		
	Storage position & location (describe)		Monte Carlo coupe, semi-vertical rear trunk area		

Tires And Wheels (Optional)

Size (load range, ply)	P205/70R-14 (WW+)	P185/75R-14 WW
Type (bias, radial, etc.)	Steel belted radial	Glass belted radial
Wheel (type & material)	Rally type (RPO ZJ7)	Short Spoke disc, steel
Rim (size, flange type and offset)	14 x 6 - Zero	14 x 6 - Zero
Size (load range, ply)		P195/75R-14 WW
Type (bias, radial, etc.)		Steel Belted radial
Wheel (type & material)	Cast aluminum	Short spoked disc, steel
Rim (size, flange type and offset)	14 x 6.5, - 6.35 mm (-0.25 in)	14 x 6 - Zero
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	Wheel-with limited slip differential-16x4, 12mm (0.50 in) offset. Tire-without limited slip differential T125/70D-15; with limited slip differential-P145/80D-16.	

Brakes - Parking

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

@ - Not available with sport suspension, RPO F41.

+ - Requires sport suspension, RPO F41.

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Passenger Car
METRIC (U.S. Customary)

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*): _____

Engine Description/Carb.
 Engine Code

MALIBU STATION WAGON	EL CAMINO SEDAN PICK-UP
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Tires And Wheels (Standard)

Tires	Size (load range, ply)	P195/75R-14 (BW & WW)	P205/75R-14 (BW, WW, WL)	
	Type (bias, radial, etc.)	Glass belted radial	Steel belted radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psi))	205 (30)	
		Rear (kPa (psi))	240 (35)	
	Rev./mile—at 70 km/h (45 mph)	508 (817)	495 (797)	
Wheels	Type & material	Short spoke disc, steel		
	Rim (size & flange type)	14 x 6		
	Wheel offset	Zero		
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	120.7 (4.75)	
Number & size		5 hex nuts - 7/16 - 20		
Spare	Tire and wheel (same, if other describe)	15 x 4, 25mm (1.0 in) offset exc. with limited slip differential-Tire T125/70D-15, station wagon. (*)		
	Storage position & location (describe)	Station wagon-horizontal, under rear load floor. El Camino-horizontal, behind passenger seat.		

(*) El Camino spare tire P205/75R-14x6 wheel. Offset zero.

Tires And Wheels (Optional)

Size (load range, ply)	P195/75R-14 (WW)(BW)
Type (bias, radial, etc.)	Steel belted radial
Wheel (type & material)	Rally type steel
Rim (size, flange type and offset)	14 x 6 - zero
Size (load range, ply)	P205/75R-14 (BW, WW)
Type (bias, radial, etc.)	Steel belted radial
Wheel (type & material)	
Rim (size, flange type and offset)	14 x 6
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	Station wagon, wheel-with limited slip differential - 16x4, 12mm (0.50 in) offset. Tire-without limited slip differential T125/70D-15; with limited slip differential - P145/80D-16.

Brakes - Parking

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

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Body Type And/Or
 Engine Displacement

MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU 4-DOOR STATION WAGON	EL CAMINO 2-DOOR PICK-UP
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Brakes - Service

Description			
Brake type (std., opt., n.a.)	Front (disc or drum)	Disc	
	Rear (disc or drum)	Drum	
Self-adjusting (std., opt., n.a.)		Standard	
Special valving	Type (proportion, delay, metering, other)	Metering & proportioning	
Power brake (std., opt., n.a.)		Standard	
Booster type (remote, integral, vac. hyd., etc.)		Integral	
Anti-skid device type (std., opt., n.a.)		Not available	
Effective area [cm ² (in ²)]*		615.5 (95.42)	
Gross lining area [cm ² (in ²)]**		691.6 (107.22)	
Swept area [cm ² (in ²)]***		1985.1 (307.7)	
Rotor	Outer working diameter	F	266.7 (10.5)
		R	--
	Inner working diameter	F	171.5 (6.75)
		R	--
	Thickness	F	26.2 (1.03)
		R	--
Material & type (vented/solid)	F	Cast iron, vented	
	R	--	
Drum	Diameter (nominal)	F	--
		R	241 (9.5)
Type and material		Cast iron, finned	
Wheel cylinder bore	Front	63.5 (2.50)	
	Rear	19.1 (0.75)	
Master cylinder	Bore	24.0 x 31.8 (0.94 x 1.25)	
	Stroke	37.05 (1.46)	
Pedal arc ratio		3.5:1	
Line pressure at 445 N (100 lb.) pedal load [kPa (psi)]		--	
Lining clearance per shoe	Front	Self adjusting	
	Rear	Self adjusting	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)	Riveted 8
		Rivet size	5.33 x 7.92 (.210 x .312)
		Manufacturer	Delco Moraine
		Lining code	--
		Material	Molded asbestos
		Size	**** Primary or out-board 125 x 48.4 x 11.04 (4.92 x 1.91 x .435) Secondary or in-board 125 x 48.4 x 11.04 (4.92 x 1.91 x .435)
	Shoe thickness (no lining)	Inboard-15.84 (.620); Outboard-13.97 (.550)	
	Rear wheel	Bonded or riveted (rivets/seg.)	Riveted - 10 primary, 12 secondary
		Manufacturer	Delco Moraine
		Lining code	--
		Material	Molded asbestos
		Size	**** Primary or out-board 192.5 x 50.8 x 4.98 (7.58 x 2.0 x 0.196) Secondary or in-board 249.6 x 50.8 x 6.75 (9.83 x 2.0 x 0.266)
		Shoe thickness (no lining)	9.7 (0.380)

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept area for four brakes (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by Pi/2 for each brake.)
 **** Size for drum brakes includes length x thickness.

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) _____

Body Type And/Or Engine Displacement	COUPE	WAGON & PICKUP	COUPE	WAGON & PICKUP
	W/V-6 ENGINE	W/V-6 ENGINE	W/V-8 ENGINE	W/V-8 ENGINE

Steering

Manual (std., opt., n.a.)		Not available				
Power (std., opt., n.a.)		Standard				
Adjustable steering wheel (lift, swing, other)	Type and description	Tilt-universally jointed steering shaft at base of steering wheel - 6 positions				
	(Std., opt., n.a.)	Optional				
Wheel diameter	Manual	Not available				
	Power	387 (15.25)				
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	12.2 (40.0)		13.0 (42.6)	
		Curb to curb (l. & r.)	11.3 (37.1)		12.2 (40.0)	
	Inside rear	Wall to wall (l. & r.)	--			
		Curb to curb (l. & r.)	--			
		--				
Manual	Gear	Type	NOT			
		Make	--			
		Ratios	AVAILABLE			
	No. wheel turns (stop to stop)		--			
Power	Type (coaxial, linkage, etc.)		Integral gear with power piston & vane type pump			
	Make		Saginaw steering gear			
	Gear	Type	Semi-reversible recirculating ball nut			
		Ratios	Gear	15:1	15:1	16/13:1
			Overall	16.5:1	17.5:1	17.6:1
	Pump (drive)		'V' Belt			
No. wheel turns (stop to stop)		3.3		3.2		
Linkage	Type		Parallelogram			
	Location (front or rear of wheels, other)		Front			
	Drag links (trans or longit.)		None			
	Tie rods (one or two)		Two			
Steering axis	Inclination at camber (deg.)		7.86			
	Bearings (type)	Upper	Ball stud			
		Lower	Ball stud			
		Thrust	None			
Steering spindle & joint type		Forging with pad for mounting brake cylinder spherical				
Wheel spindle	Diameter	Inner bearing	31.7 (1.25)			
		Outer bearing	21.0471-21.4274 (01.83-0.84)			
	Thread (size)		3/4-20 UNEF-3A (modified)			
	Bearing (type)		Tapered roller			

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Car Line MONTE CARLO - MALIBU - EL CAMINO
Model Year 1983 Issued 7-23-82 Revised (*) _____

Body Type And/Or
Engine Displacement

MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU 4-DOOR STATION WAGON	EL CAMINO 2-DOOR PICK-UP
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Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	Manual 0° to +2°, Power +2° to +4°
		Camber (deg.)	-0.3° to +1.3°
		Toe-in (outside track-mm (in.))	.05° to +.25 (1/16" to +1/4")
	Service reset*	Caster	Manual +1° +/- 0.5°, Power +3° +/- 0.5°
		Camber	+0.5° +/- 0.5°
		Toe-in	+ .15° +/- .05° (+1/8" +/- 1/16")
	Periodic MV in- spection	Caster	Manual -1° to +3°, Power +1° to +5°
		Camber	-1.0° to +2.0°
		Toe-in	-.15° to +.55° (-3/16" to +9/16")
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	
		Toe-in (outside track-mm (in.))	
	Service reset*	Camber	
		Toe-in	
	Periodic MV in- spection	Camber	
		Toe-in	

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 9-82 Revised (*) 2-83

Body Type And/Or
 Engine Displacement

MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU 4-DOOR STATION WAGON	EL CAMINO 2-DOOR PICK-UP
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Suspension - General

Car leveling	Std/opt/n/a	Not Available	Standard (Rear only)
	Type (air hyd. etc)	--	Air
	Manual/auto controlled	--	Manual
Provision for brake dip control	Front suspension geometry		
Provision for accel squat control	Rear suspension geometry		
Special provisions for car jacking	Side lift frame body bolt access holes on each side of frame at #2 & #4 body mounting - access holes		
Shock absorber (front & rear)	Type	Direct double acting, hydraulic	
	Make	Delco	
	Piston diameter	25 (1.0)	
Other special features	Heavy-duty shock absorbers revised valving available on 37 & 69 (F40 suspension)		

Suspension - Front

Optional air shocks available El Camino - rear

Type and description		Independent SLA		
Travel	Full jounce	90.0 mm (3.54 in)		
	Full rebound	92.0 mm (3.62 in)		
Spring	Type (coil, leaf other)	Coil (a)		
	Material	Steel alloy		
	Size (coil design height & i.d. bar length x dia)	260x102.9x2953 x15.6	260x102.9x2548 x15.6	260x102.9x2733 x16.0
	Spring rate [N/mm (lb/in)]	58.0 (331.0)	52.5 (300.0)	64.0 (365.0)
	Rate at wheel [N/mm (lb/in)]	16.7 (95.4)	15.3 (87.5)	18.4 (105.0)
Stabilizer	Type (link, linkless, frameless)	Link		
	Material & bar diameter	Steel-25 (0.98)	V6-27 (1.06)	Less RPO F41-27 (1.06) With RPO F41-28 (1.10)
Suspension - Rear		RPO F41-32 (1.26)	V8-28 (1.10)	With RPO F41-28 (1.10)

Type and description		Salisbury, 4-Link		
Drive and torque taken through		Control arms		
Travel	Full jounce	107.0 mm (4.21 in)		
	Full rebound	113.0 mm (4.45 in)		
Spring	Type (coil, leaf other)	Coil		
	Material	Steel alloy		
	Size (length x width coil design height & i.d. bar length & dia.)	254x139.7x2428 x12.8	254x139.7x2535 x14.5	254x139.7x2398 x13.5
	Spring rate [N/mm (lb/in)]	20.0 (114.0)	17.5 (100.0)	24.5 (140.0)
	Rate at wheel [N/mm (lb/in)]	20.0 (114.0)	18.4 (105.0)	23.6 (135.0)
	Mounting insulation (type)	--		
Stabilizer	Type (link, linkless, frameless)	Link-included W/RPO F41 sport suspension (b)		
	Material & bar diameter	--		
Track bar (type)		--		

- (a) Higher rate springs available with heavy-duty suspension (F40) for 37 & 69.
 (b) Not available with station wagon, sedan, El Camino P185 or P195-75 tires.

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 issued 7-23-82 Revised (*)

Body Type

MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU 4-DOOR STATION WAGON	EL CAMINO 2-DOOR PICK-UP
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Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic lacquer
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Flat plate coil spring, hold open linkage
	Release control (internal, external)	Internal
Trunk lid	Type (counterbalance, other)	Boxed hinges with torsion rod
	Internal release control (elec., mech., n.a.)	Power trunk opener (A90) avail on Monte Carlo
Bumper front	Bar material & mass (wt.)	1GZ37 Urethane 12.033 (26.5), 1GW00 steel 15.763 (34.7)
	Reinforcement material & mass (wt.)	1GZ37 None, 1GW00 steel 3.748 (8.3)
Bumper rear	Bar material & mass (wt.)	1GZ37 Urethane 12.038 (26.5) (C)
	Reinforcement material & mass (wt.)	1GZ37 None, 1GW69 steel 5.400 (11.9) (D)
Vent window control (crank, friction, pivot, power)	Front	None
	Rear	Pivot type for sedan & station wagon - power optional
Seat cushion type	Front	Formed full foam pad
	Rear	Formed full foam pad
	3rd seat	--
Seat back type	Front	Formed full foam pad
	Rear	Formed full foam pad
	3rd seat	--
Vehicle ident. no. location		Top left of instrument panel pad

(C) 1GW69 steel 14.520 (32.0), 1GW35 & 1GW80 9.299 (20.5).
 (D) 1GW35 & 1GW80 steel 9.986 (22.0).

Passive Restraint System

Inflatable restraint system	Standard/optional	Non available
	Type of charging system	--
	Location (stg. whl., instru. panel, other)	--
Passive seat belts	Standard/optional	Not available
	Power/manual	--
	2 or 3 point	--
	Knee bar/lap belt	--

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Full frame, perimeter type
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Car Line MONTE CARLO - MALIBU - EL CAMINO
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Body Type	MONTE CARLO	MALIBU	MALIBU	EL CAMINO
	2-DOOR	4-DOOR	4-DOOR	2-DOOR
	COUPE	SEDAN	STATION WAGON	PICK-UP

Convenience Equipment

Power windows	Side windows	Optional
	Vent windows	Rear vent windows for sedan & station wagon - optional
	Backlight or tailgate	Optional - power tailgate window release - wagon only
Power seats (specify type as well as availability)	Optional - 6-way power bench seat. 6-way 55/45 power bench seat, power drivers seat only.	
Reclining front seat back (r-l or both)	Not available	
Radio (specify type as well as availability)	Optional - AM/pushbutton, AM/FM pushbutton, AM/FM stereo AM/FM stereo w/cassette tape (a)	
Premium sound system (specify)		
Rear seat speaker	Optional, not available with El Camino	
Power antenna	Optional	
Clock	Optional	
Air conditioner (specify type)	Optional - "Four Season" manual control	
Speed warning device	Not available	
Speed control device	Optional with automatic transmission	
Ignition lock lamp	Not available	
Dome lamp	Standard	
Glove compartment lamp	Standard	
Luggage compartment lamp	Optional	
Underhood lamp	Optional	
Courtesy lamp	Standard	
Map lamp	Not available	
Cornering lamp	Optional, Monte Carlo only (T87)	
Rear window defroster electrically heated	Optional - not available with El Camino	
Rear window defogger	Not available	
T-bar roof (describe)	Not available	
Sun roof (describe)	Optional, Monte Carlo (CC1) removable tinted glass panels	
Theft protection—type	Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition.	
Ash Tray Lamp	Standard	
(a) - Stereo equipment includes 2 front and 2 rear speakers.		

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Car Line MONTE CARLO - MALIBU - EL CAMINO
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FEATURE HIGHLIGHTS

(Manufacturers selected list of special vehicle features;
indicate if new or model year introduced)

BODY:

CHASSIS:

ENGINE:

ELECTRICAL:

OTHER:

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (•) 2-83

Vehicle Mass (weight)

Model	CURB MASS kg (weight lb)*			% PASS MASS DISTRIBUTION				SHIPPING MASS kg (weight lb)**
	Front	Rear	Total	Pass in Front		Pass in Rear		
				Front	Rear	Front	Rear	
MONTE CARLO 2-Door Coupe - 1G737	813.4 (1793)	628.7 (1386)	1442.1 (3179)					1399.9 (3086)
MALIBU 4-Door Sedan - 1G669	793.8 (1750)	650.7 (1434)	1444.5 (3184)					1402.4 (3092)
MALIBU 4-Door Station Wagon 1G635	772.2 (1703)	729.5 (1608)	1501.7 (3311)					1459.4 (3217)
EL CAMINO 2-Door Sedan Pick-up 1G680	840.1 (1852)	636.1 (1402)	1476.2 (3254)					1435.2 (3164)
CURB WEIGHT - The calculated weight of a vehicle with standard equipment, only as designed with the additional load of oils, lubes, coolants and fuel all filled to capacity.								
SHIPPING WEIGHT - Same as base curb weight except 3 gallons of gasoline.								

* Reference - SAE J1100a, Motor vehicle dimensions, curb weight definition.
 ** Shipping mass (weight) definition -

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight lb)			
	Front	Rear	Total	
Air Conditioning	32.2	2.4	34.6	With LC3 V6 Engine
4-Season	(+71.0)	(+5.3)	(+76.3)	
	22.0	1.6	23.6	With LD5 V6 Engine
	(+48.5)	(+3.5)	(+52.0)	
	26.0	2.0	28.0	With LT6 V6 Diesel Engine
	(+57.3)	(+4.4)	(+61.7)	
	26.0	2.0	28.0	With LG4 V8 Engine
	(+57.3)	(+4.4)	(+61.7)	
	26.0	2.0	28.0	With LF9 V8 Diesel Engine
	(+57.3)	(+4.4)	(+61.7)	
Electric Door Locks	1.2	0.8	2.0	With 2-Door Models
	(+ 2.6)	(+1.8)	(+ 4.4)	
	1.4	1.4	2.8	With 4-Door Models
	(+ 3.1)	(+3.1)	(+ 6.2)	
Power Tailgate Release	0	0.8	0.8	Station Wagon
	0	(+1.8)	(+ 1.8)	
Power Windows	1.2	1.2	2.4	2-Door Models
	(+ 2.6)	(+2.6)	(+ 5.2)	
	1.8	3.0	4.8	4-Door Station Wagons
	(+ 4.0)	(+6.6)	(+10.6)	
	2.6	3.2	5.8	4-Door Models includes rear door vent windows
	(+ 5.7)	(+7.1)	(+12.8)	
Seat 45/45 Passenger Front	2.6	2.8	5.4	Monte Carlo only
	(+ 5.7)	(+6.2)	(+11.9)	
Power Trunk Opener	0	2.0	2.0	Monte Carlo only
	(0)	(+4.4)	(+ 4.4)	
Cargo Tie-Down	0	0.6	0.6	El Camino
	(0)	(+1.3)	(+ 1.3)	
Heavy Duty Cooling	0.6	0	0.6	With LC3 Engine
	(+ 1.3)	(0)	(+ 1.3)	
	0.8	0	0.8	With LD5
	(+ 1.8)	(0)	(+ 1.8)	
	3.2	0	3.2	With LG4, LT6, LF9
	(+ 7.1)	(0)	(+ 7.1)	

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight lb.)			
	Front	Rear	Total	
Floor Mats - Front	1.6	0.6	2.2	El Camino
Only Color-Keyed	(+ 3.5)	(+1.3)	(+ 4.8)	
Floor Mats - Front & Rear Color-Keyed	2.0	1.4	3.4	All except El Camino
	(+ 4.4)	(+3.1)	(+ 7.5)	
Deluxe Load Floor Carpet	- 1.0	2.8	1.8	Station Wagon
	(- 2.2)	(+6.2)	(+ 4.0)	
Removable Glass Roof Panels	7.0	9.8	16.8	Monte Carlo
	(+15.4)	(+21.6)	(+37.0)	
Padded Opera - Vinyl Roof Cover	0.6	2.8	3.4	Monte Carlo
	(+ 1.3)	(+6.2)	(+ 7.5)	
Mirror O/S Rear View	0.8	0.4	1.2	All
	(+ 1.8)	(+0.9)	(+ 2.7)	
Cargo Tonneau Cover	0	4.2	4.2	El Camino
	(0)	(+9.3)	(+ 9.3)	
Heavy Duty Front & Rear Suspension	2.0	0.2	2.2	Monte Carlo & Malibu Sedan
	(+ 4.4)	(+0.4)	(+ 4.8)	
Sport Suspension	3.0	8.0	11.0	Monte Carlo & El Camino
	(+ 6.6)	(+17.6)	(+24.2)	
Automatic Speed Control	2.4	0	2.4	All
	(+ 5.3)	(0)	(+ 5.3)	
Comfortilt Steering Wheel	1.2	0	1.2	All
	(+ 2.6)	(0)	(+ 2.6)	
Aluminum Wheels	- 1.8	-1.8	- 3.6	Monte Carlo
	(- 4.0)	(-4.0)	(- 8.0)	
Wire Wheel Covers	3.2	3.2	6.4	All
	(+ 7.1)	(+7.1)	(+14.2)	
Sport Wheel Covers	0.6	0.6	1.2	All except Monte Carlo
	(+ 1.3)	(+1.3)	(+ 2.6)	

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

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Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight, lb.)			
	Front	Rear	Total	
Battery-Heavy Duty	6.0	-0.8	5.2	All
	(+13.2)	(-1.8)	(+11.4)	
Gauge Package with Trip Odometer	0.4	0	0.4	All
	(+ 0.9)	(0)	(+ 0.9)	
Radio AM Push-Button	2.2	0.2	2.4	All
	(+ 4.8)	(+0.4)	(+ 5.2)	
Radio AM/FM Push-Button	2.6	0.4	3.0	All
	(+ 5.7)	(+0.9)	(+ 6.6)	
Radio AM/FM Stereo	3.2	0.8	4.0	All
	(+ 7.1)	(+1.8)	(+ 8.8)	
Radio AM/FM Stereo w/Cassette Tape Player	4.6	1.6	6.2	All
	(+10.1)	(+3.5)	(+13.6)	
Rear Seat Speaker	0	1.0	1.0	All except El Camino
Requires U63 or U69	(0)	(+2.2)	(+ 2.2)	
Rear Seat Speaker - Dual	0	2.0	2.0	All except El Camino
	(0)	(+4.4)	(+ 4.4)	
Bumper Rub Strips	0.8	0.8	1.6	All except Monte Carlo
	(+ 1.8)	(+1.8)	(+ 3.6)	
Bumper Guards Front & Rear	1.6	1.6	3.2	All except Monte Carlo
	(+ 3.5)	(+3.5)	(+ 7.1)	
Roof Carrier	1.4	5.2	6.6	Station Wagon
	(+ 3.1)	(+11.5)	(+14.6)	
Rally Wheels	2.8	2.8	5.6	All except El Camino
	(+ 6.2)	(+6.2)	(+12.4)	
	0.8	0.8	1.6	El Camino
	(+ 1.8)	(+1.8)	(+ 3.6)	

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

MVMA Specifications Form Passenger Car

Car Line MONTE CARLO - MALIBU - EL CAMINO
Model Year 1983 Issued 7-23-82 Revised (*) 2-83

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
SAE Ref. no. refers to the definition published in SAE Recommended Practice.
J1100s "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU STATION WAGON	EL CAMINO SEDAN PICK-UP
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Width

Tread (front)	W101	1486 (58.5)			
Tread (rear)	W102	1467 (57.8)			
Vehicle width	W103	1824 (71.8)	1837 (72.3)	1826 (71.9)	
Body width at Sq RP (front)	W117	1784 (70.2)	1774 (69.8)	1774 (69.8)	1776 (69.9)
Vehicle width (front doors open)	W120	3989 (157.0)	3376 (132.9)		4002 (157.6)
Vehicle width (rear doors open)	W121	--	3225 (127.0)	--	

Length

Wheelbase	L101	2745 (108.1)			2974 (117.1)
Vehicle length	L103	5090 (200.4)	4895 (192.7)	4911 (193.3)	5121 (201.6)
Overhang (front)	L104	1077 (42.4)	915 (36.0)		
Overhang (rear)	L105	1268 (49.9)	1235 (48.6)	1251 (49.3)	1232 (48.5)
Upper structure length	L123	2305 (90.7)	2396 (94.3)	3261 (128.4)	1500 (59.1)
Rear wheel C/L "X" coordinate	L127	2377 (93.6)			
Cowl point "X" coordinate	L125	158 (6.2)			

Height **

Passenger distribution (frt/rear)	PD1.2.3				**
Trunk/cargo load					**
Vehicle height	H101	1380 (54.3)	1414 (55.7)	1418 (55.8)	1408 (55.4)
Cowl point to ground	H114	974 (38.3)	983 (38.7)	986 (38.8)	
Deck point to ground	H138				
Rocker panel-front to ground	H112	222 (8.7)	228 (9.0)	234 (9.2)	
Bottom of door closed-front to grd	H133	265 (10.4)	269 (10.6)	274 (10.8)	269 (10.6)
Rocker panel-rear to ground	H111	223 (8.8)	237 (9.3)	243 (9.6)	245 (9.6)
Bottom of door closed-rear to grd	H135	--	271 (10.7)	279 (11.0)	--

Ground Clearance **

Front bumper to ground	H102	317 (12.5)	349 (13.7)	351 (13.8)	
Rear bumper to ground	H104	344 (13.6)	357 (14.0)	353 (13.9)	356 (14.0)
Bumper to ground (front at curb mass (wt))	H103	339 (13.3)	370 (14.6)		
Bumper to ground (rear at curb mass (wt))	H105	366 (14.4)	378 (14.9)	369 (14.5)	371 (14.6)
Angle of approach	H106	19.2°	23.3°	23.5°	
Angle of departure	H107	17.2°	16.5°	16.7°	17.5°
Ramp breakover angle	H147	14.3°	15.4°	15.6°	14.5°
Rear axle differential to ground	H153	172 (6.8)	165 (6.5)	170 (6.7)	180 (7.1)
Min running ground clearance	H156	135 (5.3)	153 (6.0)	158 (6.2)	160 (6.3)
Location of min run grd clear		Rear shock absorber bracket			

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

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

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

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

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) _____

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU STATION WAGON	EL CAMINO SEDAN PICK-UP
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Front Compartment

Sg RP front "X" coordinate	L31	1088 (42.8)			
Effective head room	H61	956 (37.6)	978 (38.5)	985 (38.8)	956 (37.6)
Max eff leg room (accelerator)	L34	1086 (42.8)			
Sg RP (front to heel)	H30	228 (9.0)			
Design H-point front travel	L17	172 (6.8)			
Shoulder room	W3	1430 (56.3)	1440 (56.7)		
Hip room	W5	1313 (51.7)	1326 (52.2)		1313 (51.7)
** Upper body opening to ground	H50				
Steering wheel angle	H18	19.5°			
Back angle	L40	26.5°			

Rear Compartment

Sg RP Point couple distance	L50	817 (32.2)	827 (32.6)	791 (31.1)	--
Effective head room	H63	961 (37.8)	954 (37.6)	985 (38.8)	--
Min. effective leg room	L51	923 (36.3)	965 (38.0)	902 (35.5)	--
Sg RP (second to heel)	H31	261 (10.3)	298 (11.7)		--
Knee clearance	L48	53 (2.1)	44 (1.7)	13 (0.5)	--
Compartment room	L3	678 (26.7)	705 (27.8)	685 (27.0)	--
Shoulder room	W4	1419 (55.9)	1450 (57.1)		--
Hip room	W6	1394 (54.9)	1412 (55.6)		--
** Upper body opening to ground	H51	--			--

Luggage Compartment

Usable luggage capacity (L (cu ft))	V1	458 (16.2)	469 (16.6)	--	1005.4 (35.5)
** Litter height	H195	620 (24.4)	807 (31.8)	584 (23.0)	640.1 (25.2)

All linear dimensions are in millimeters (inches)

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

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*)

Body Type

SAE Ref. No.	MALIBU 4-Door Station Wagon
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Station Wagon - Third Seat

Shoulder room	W85	NOT
Hip room	W86	APPLICABLE
Effective leg room	L86	
Effective head room	H86	
Effective T-point head room	H89	
Seat facing direction	SD1	

Station Wagon - Cargo Space

Cargo length (open front)	L200	2639 (103.9)
Cargo length (open second)	L201	1840 (72.4)
Cargo length (closed front)	L202	2064 (81.3)
Cargo length (closed second)	L203	1265 (49.8)
Cargo length at belt (front)	L204	1852 (72.9)
Cargo length at belt (second)	L205	1023 (40.3)
Cargo width (wheelhouse)	W201	1108 (43.6)
Rear opening width at floor	W203	1372 (54.0)
Opening width at belt	W204	1312 (51.7)
Max. rear opening width above belt	W205	1006 (39.6)
Cargo height	H201	763 (30.0)
Rear opening height	H202	706 (27.8)
Tailgate to ground height	H250	584 (23.0)
Front seat back to load floor height	H197	
Cargo volume index - L (cu.ft.)	V2	2049 (72.4) *
Hidden cargo volume - L (cu. ft.)	V4	

Hatchback - Cargo Space

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

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

All dimensions are in millimeters (inches).

* V-10 Station Wagon, Cargo Volume Index - second seat-up, 1132 (40.0)

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) _____

Body Type	MONTE CARLO	MALIBU	MALIBU	EL CAMINO
	2-DOOR COUPE	4-DOOR SEDAN	4-DOOR STATION WAGON	2-DOOR SEDAN PICK-UP

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location			
Front	X - Fiducial mark to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.			
	Y - Fiducial mark to centerline of car-front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt.			
	Z - Fiducial mark to horizontal base grid line-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.			
Rear	X - Fiducial mark to vertical base grid line-rear measured horizontally from base grid line to the rear fiducial mark located on rear underbody crossbar.			
	Y - Fiducial mark to centerline of car-rear, width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar.			
	Z - Fiducial mark to horizontal base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar.			
Front	W21	564.0 (22.0)		
	L54	2761.0 (108.7)		
	H81	490.0 (19.3)		
	H161	341.5 (13.4)	350.0 (13.8)	
	** H163	322.0 (12.6)	329.0 (12.9)	333.0 (13.1)
Rear	W22	534.0 (21.0)	560.0 (22.1)	586.0 (23.1)
	L55	5338.0 (210.2)	5345.0 (210.4)	5650.0 (222.4)
	H82	617.0 (24.3)	617.0 (24.3)	671.0 (26.4)
	H162	468.0 (18.4)	492.0 (19.3)	547.0 (21.5)
	** H164	449.2 (17.7)	470.0 (18.5)	475.0 (18.7)

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

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO - MALIBU - EL CAMINO
 Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE	MALIBU 4-DOOR SEDAN	MALIBU 4-DOOR STATION WAGON	EL CAMINO 2-DOOR PICK-UP
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Glass

Backlight slope angle (deg.)	H121	33.0°	32.0°	37.5°	20.0°
Windshield slope angle (deg.)	H122	58.5°	55.0°	55.0°	58.5°
Tumble-Home (deg.)	W122	23.0°	24.5°	24.5°	23.0°
Windshield glass exposed surface area (cm ² (in ²))	S1	8786.3 (1361.9)	8111.1 (1257.2)	8111.1 (1257.2)	8786.3 (1361.9)
Side glass exposed surface area (cm ² (in ²))	S2	9060.5 (1404.4)	9985.6 (1547.8)	15637.0(2423.7)	6944.0 (1076.3)
Backlight glass exposed surface area (cm ² (in ²))	S3	4363.4 (676.3)	3907.0 (605.6)	4987.0 (773.0)	3314.0 (513.7)
Total glass exposed surface area (cm ² (in ²))	S4	22210.2(3442.6)	22003.7(3410.6)	28735.1(4453.9)	19044.3(2951.9)
Windshield glass (type)		Curved - Laminated Plate			
Side glass (type)		Curved - Tempered Plate			
Backlight glass (type)		Curved - Tempered Plate			

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	692 (27.2)	692 (27.2)	692 (27.2)	692 (27.2)
		Lowest	678 (26.7)	678 (26.7)	689 (27.1)	689 (27.1)
	Taillamp (H128)	Highest**	802 (31.6)	693 (27.3)	440 (17.3)	441 (17.4)
		Lowest	702 (27.6)	692 (27.2)	--	--
	Sidemarkers	Front	415 (16.3)	658 (25.9)	658 (25.9)	658 (25.9)
		Rear	396 (15.6)	692 (27.2)	451 (17.7)	435 (17.1)
Distance from C/L of car to center of bulb	Headlamp	Inside	542.0 (21.3)	520.0 (20.5)		
		Outside**	718.0 (28.3)	695.0 (27.4)		
	Taillamp	Inside	--	395.0 (15.5)	--	
		Outside**	741.5 (29.2)	704.3 (27.7)	637.5 (25.1)	
	Directional	Front	609.5 (24.0)	525.5 (20.7)		
		Rear	741.5 (29.2)	704.0 (27.7)	577.0 (22.7)	
Headlamp shape		Rectangular				

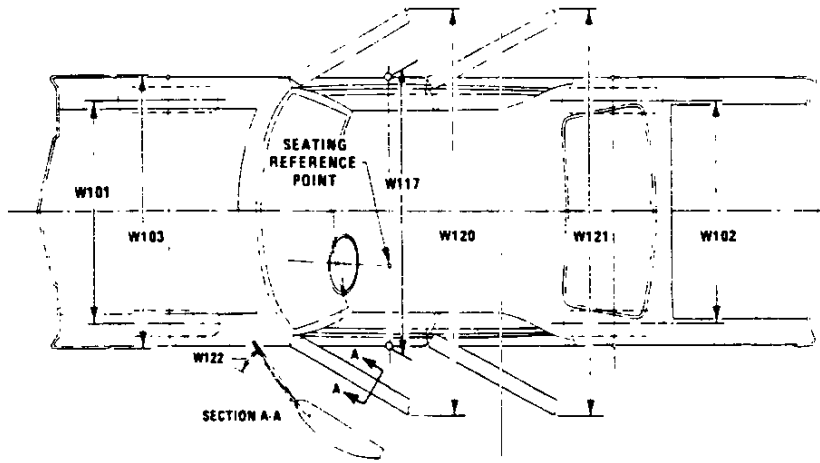
* Measured at curb mass (weight)

** If single lamps are used enter here.

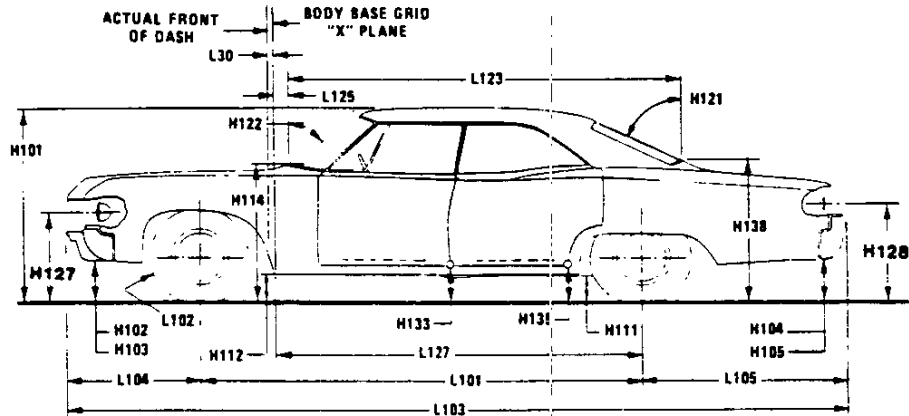
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

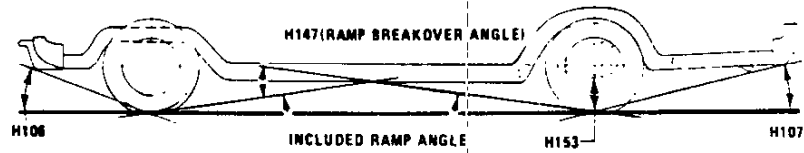
Exterior Width



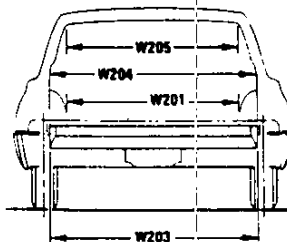
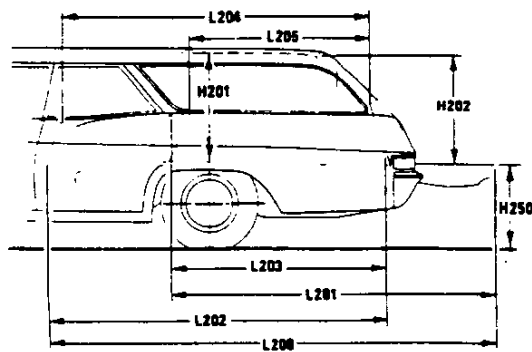
Exterior Length & Height



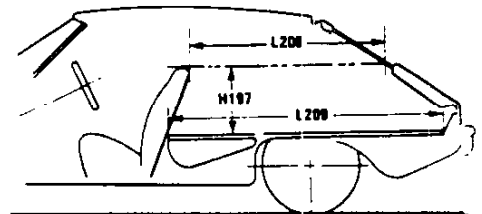
Exterior Ground Clearance



Cargo Space



Station Wagon

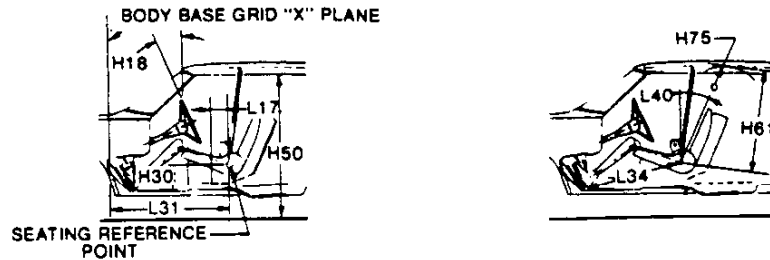


Hatchback

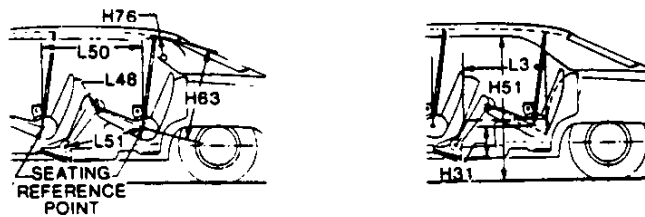
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

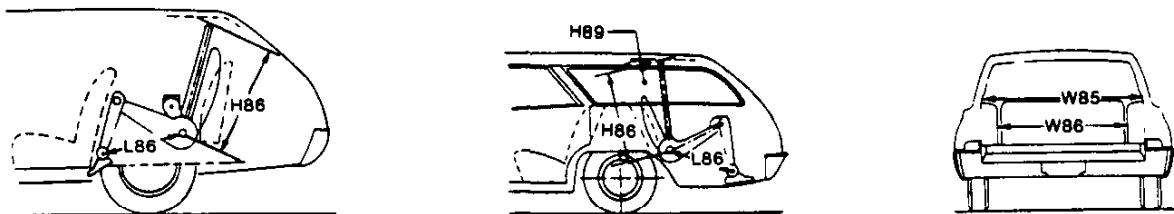
Front Compartment



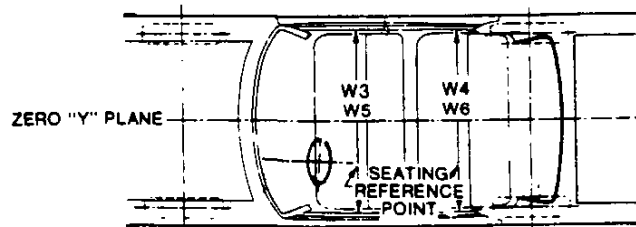
Rear Compartment



Third Seat



Interior Width



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

Exterior Car And Body Dimensions — Key Sheet
Dimensions Definitions

Seating Reference Point

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

Width Dimensions

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

Length Dimensions

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

- 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/or rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the bow point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE. In the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

Height Dimensions

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

Ground Clearance Dimensions

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

Station Wagon — Cargo Space Dimensions

- L200 CARGO LENGTH—OPEN—FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- 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 back panel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT—SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure 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.

- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.
- 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.
- V2 STATION WAGON
Measured in inches:
$$\frac{W4 \times H201 \times L204}{1728} = \text{ft.}^3$$

Measured in mm:
$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3(\text{cubic meter})$$
- V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

Hatchback — Cargo Space Dimensions

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

- 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.
- L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.
- L209 CARGO LENGTH AT FLOOR—FRONT—HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
- V3 HATCHBACK.
Measured in inches:
$$\frac{L208 + L209}{2} \times W4 \times H197 = \text{ft.}^3$$

Measured in mm:
$$\frac{L208 + L209}{2} \times W4 \times H197 = \text{m}^3(\text{cubic meter})$$

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Interior Car And Body Dimensions -- Key Sheet Dimensions Definitions

H103	FRONT BUMPER TO GROUND CURB MASS (WT.) Measured in the same manner as H104
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 are 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 are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
H147	REAR 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.

Front Compartment Dimensions

PD1	PASSENGER DISTRIBUTION—FRONT
L31	SgRP—FRONT "X" COORDINATED.
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.).
H75	EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).
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.
H30	SgRP—FRONT TO HEEL. The dimension measured vertically from the SgRP—front to the accelerator heel point.
L17	DESIGN H-POINT—FRONT TRAVEL. The dimension measured horizontally between the design H-point—front in the foremost and rearmost seat trace positions.
W3	SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.
W5	HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP—front and 76 mm (3.0 in.) fore and aft the SgRP—front.
H150	UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.

H18	STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
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.

Rear Compartment Dimensions

PD2	PASSENGER DISTRIBUTION—SECOND
L50	SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to 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.).
H76	EFFECTIVE T-POINT HEAD ROOM—SECOND. Measured in the same manner as H75.
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.).
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.
L48	KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
L3	COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
W4	SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
W6	HIP ROOM—SECOND. Measured in the same manner as W5.
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.

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.
H195	LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Station Wagon -- Third Seat Dimensions

PD3	PASSENGER DIRECTION—THIRD.
W85	SHOULDER ROOM—THIRD. Measured in the same manner as W5.
W86	HIP ROOM—THIRD. Measured in the same manner as W5.
L86	EFFECTIVE LEG ROOM—THIRD. The dimension measured along a line from the ankle pivot center to the SgRP—third plus 254 mm (10.0 in.).
H86	EFFECTIVE HEAD ROOM—THIRD. The dimension measured along a line 8 deg. from the SgRP—third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
H89	EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

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