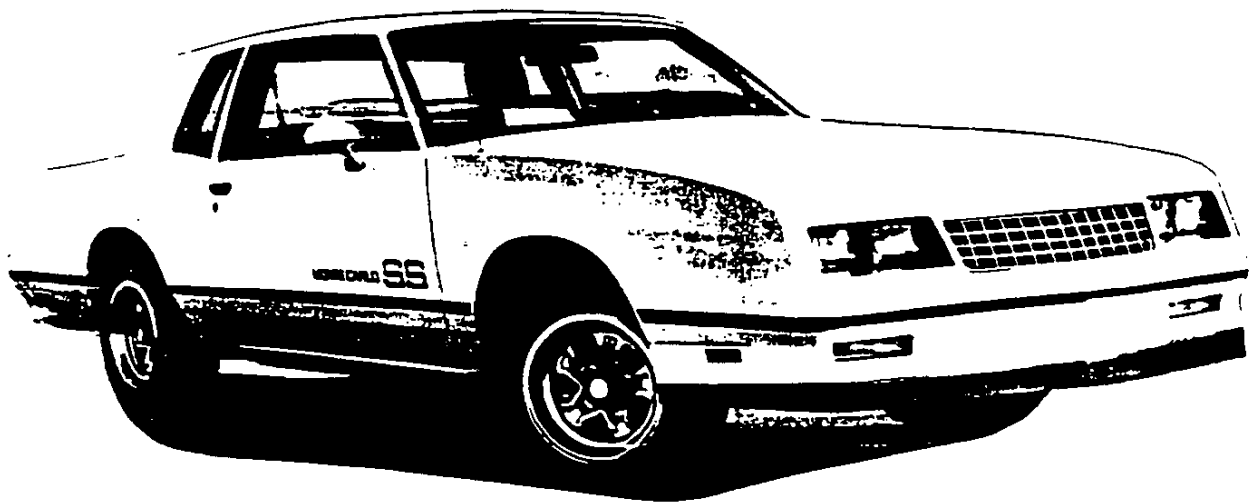
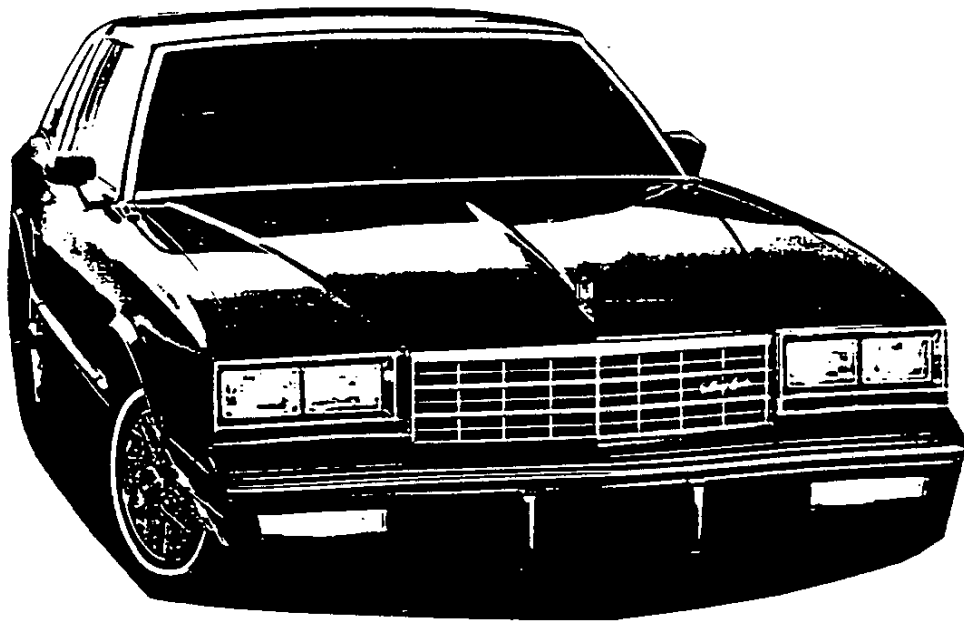




# Chevrolet



*1984 Monte Carlo*



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2  
3



# MONTE CARLO

## Six-Passenger Roominess Plus Luxury With A Personal Touch

Monte Carlo retains its traditional personal/luxury car stance. It's an ideal car for the person who deserves special recognition.

It provides a smooth, hushed ride to match its stately styling. Monte Carlo has all the standards you'd expect along with a host of options for individual personalization. A V6 is standard, with optional gas and diesel V8s available. (Diesel not available in California.)

### Important Facts for Buyers

- Luxurious interior appointments such as full-floor carpeting, carpeted lower-door trim panels, front seat with folding center armrest. • Outstanding value with many standard features, including automatic transmission, power steering, power front disc/rear drum brakes. All-Season steel-belted radial ply tires (except Monte Carlo SS). • Six-passenger comfort. • Large 16.2-cu.-ft. trunk. • On-board Computer Command Control fine-tunes gasoline engine performance under normal operating conditions as you drive.

*NOTE: EPA mileage estimates not available at time of printing.*

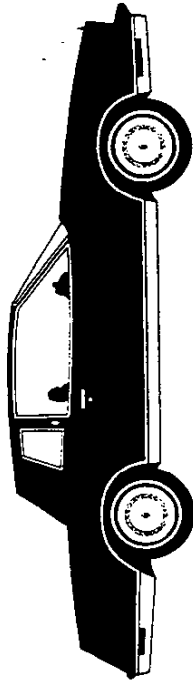


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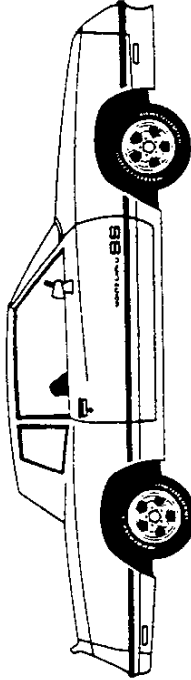
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# 1984 MONTE CARLO



**Sport Coupe**



**SS Sport Coupe**

Monte Carlo	Model No.
Sport Coupe.....	1GZ37
SS Sport Coupe.....	1GZ37/Z65

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See Dealer Order Guide for latest available information.

# EQUIPMENT SUMMARY

POWER TEAMS/ CHASSIS/MECHANICAL	Monte Carlo Sport Coupe	Monte Carlo SS Sport Coupe
3.0L 2 Bbl. V6 (230 CID)	S	NA
3.8L 2 Bbl. V6 (231 CID)	S	NA
5.0L 4 Bbl. V8 (311 CI)	NA	S
5.0L 4 Bbl. V8 (305 CID)	EC	NA
5.7L Diesel V8 (350 CID)	EC	NA
Computer Command Control (except diesel)	S	S
Automatic transmission	S	S
Power steering	S	S
Power disc/rear drum brake system	S	S
Vented front disc brake rotors and flamed rear brake drums	S	S
Disc brake audible wear sensors	S	S
P195/75R-14 steel-belted radial-ply tires	S	NA
P215/65R-15 white lettered radial-ply tires	NA	S
13" trunk space	S	S
14" x 6" wheels	S	NA
15" x 7" wheels	NA	S
Coolant recovery system	S	S
High Energy Ignition system	S	S
Concealed dual speed electric windshield wipers	S	S
Dual mode flow thru ventilation system	S	S
Delco Freedom Plus II battery with sealed side terminals	S	S
Delco/Iron generator with built-in solid-state regulator	S	S
Front stabilizer bar	S	S
1.4L Sport Suspension	EC	S
Full Coil suspension system	S	S
Independent coil spring spherical joint front suspension (short and long arm type) with low friction non metallic spherical joint liners and built in oil fill control	S	S
Visible ball joint when in flexions on front suspension lower control arms	S	S
Loxat link type rear suspension with dual bias-mounted upper control arms and parallel-mounted lower control arms	S	S
Direct double-acting sealed-unit hydraulic shock absorbers	S	S

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

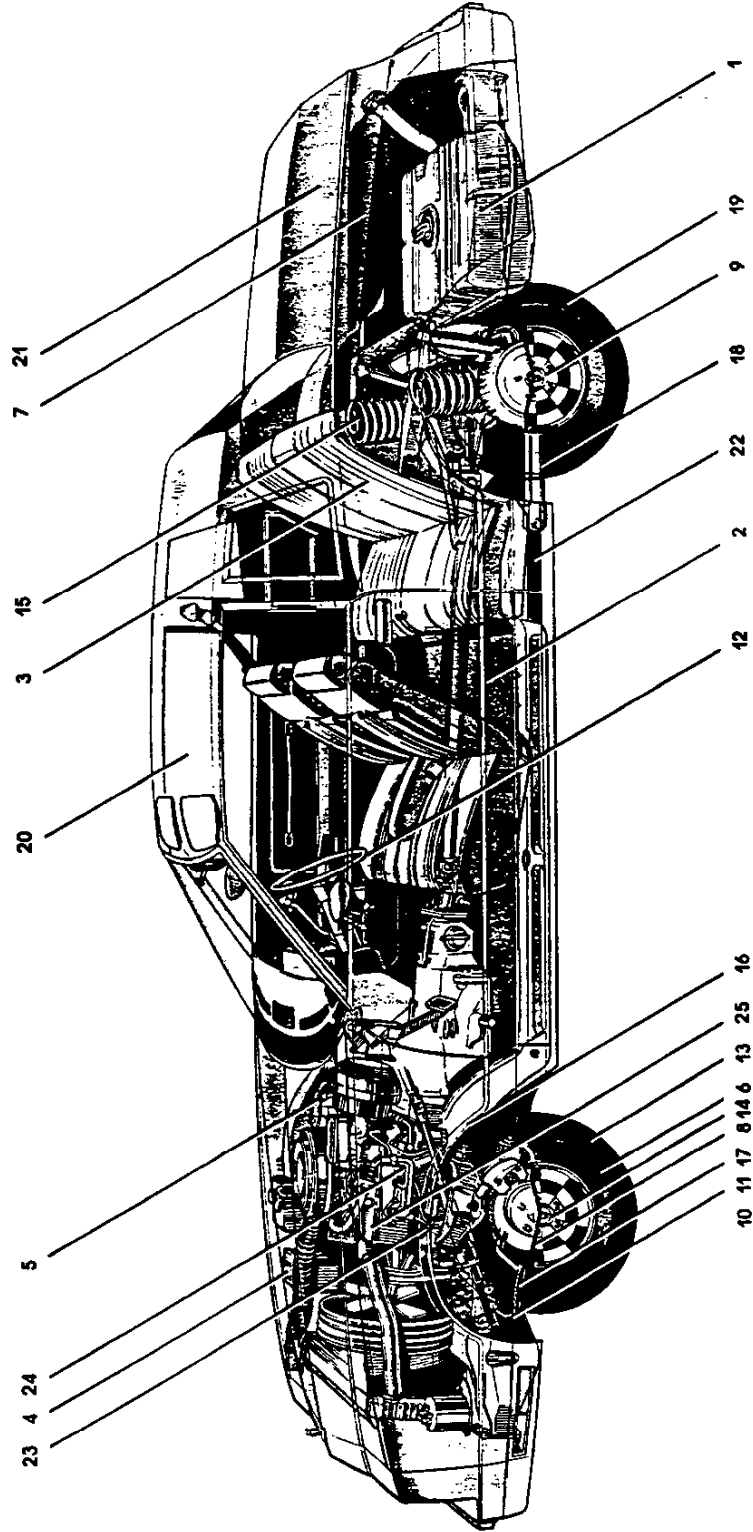
EXTERIOR (Cont'd)	Monte Carlo Sport Coupe	Monte Carlo SS Sport Coupe
Aluminum wheels	EC	NA
Wire wheel covers	EC	NA
Wheel opening moldings	S	NA
Bright quarter window reveal molding	S	NA
Bright deck lid and end cap moldings	S	NA
Black deck lid and end cap moldings	NA	S
Bright tail lamp trim	S	NA
Black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

S Standard EC Extra Cost NA Not available

Except diesel Except in California 11 California only

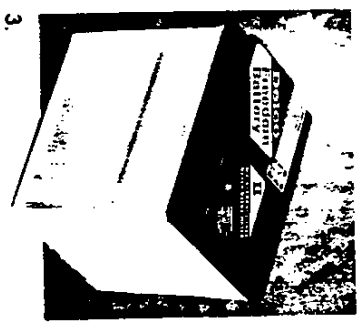
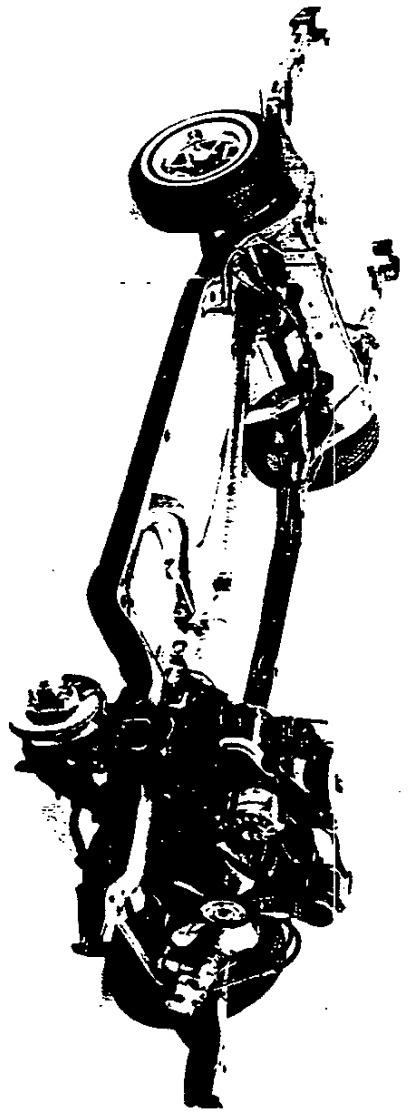
# STANDARD FEATURES

- 1. 18.1-gallon Fuel Tank (19.8-gal. w/Diesel)
- 2. Single Exhaust System with Crossover and Catalytic Converter (Except Diesel) (Dual System on SS)
- 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, 15" x 7" on SS
- 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, 16/13:1 variable ratio on SS



- 12. 3.3 Steering Wheel Turns (lock-to-lock) for ease of parking and quick maneuvers
- 13. 37" 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. All-Season (Except SS) 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

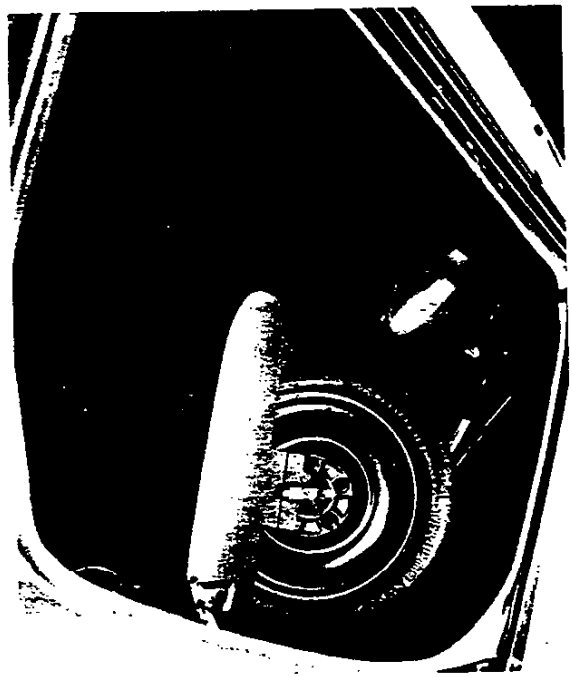
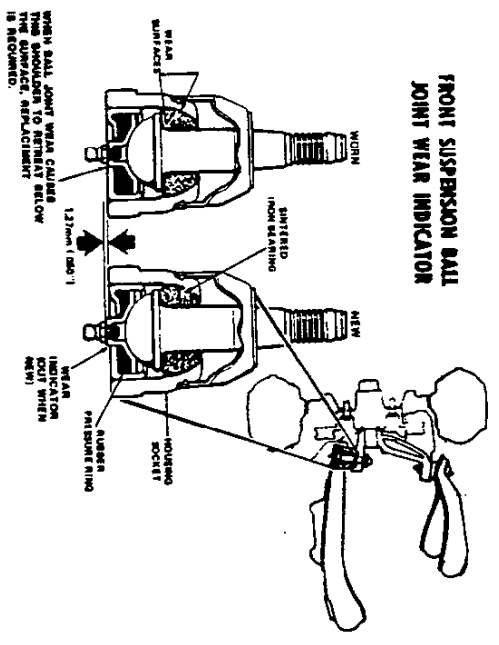




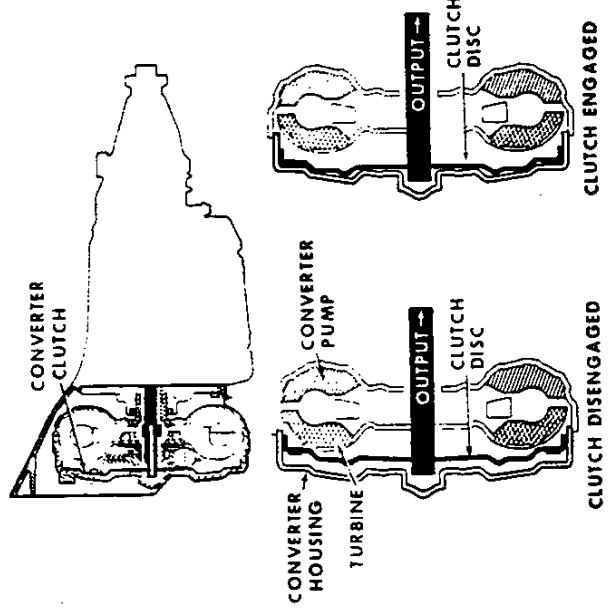
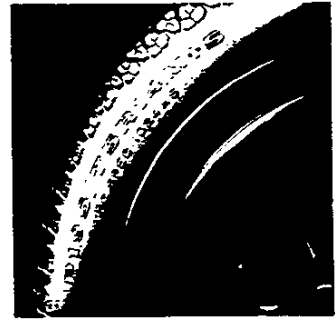
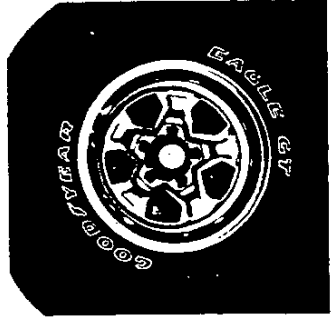
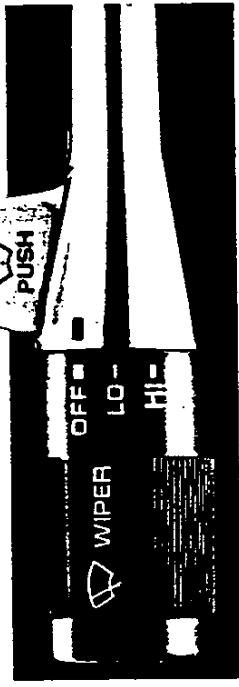
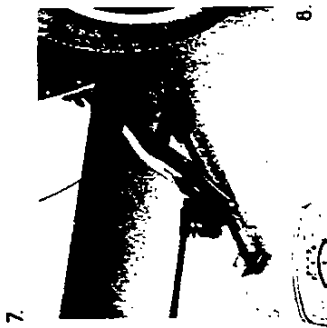
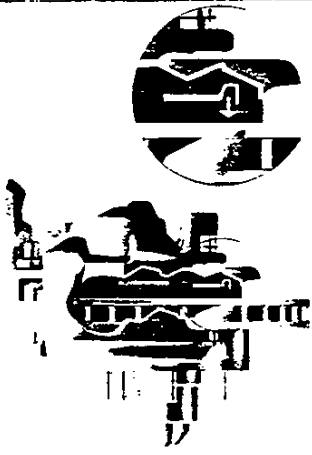
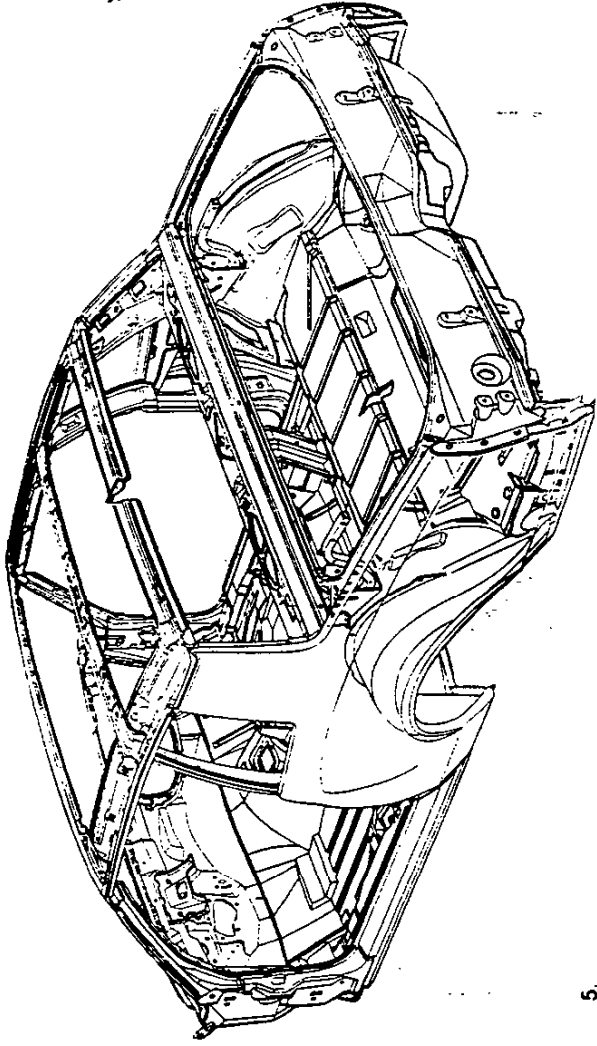
# FEATURE HIGHLIGHTS

1. Full-Perimeter Frame with 14 Cushioned Body-Mounting Points
2. Front Suspension Lower Ball Joint Wear Indicator
3. Delco Freedom Plus II Battery
4. Large (16.2 cu. ft.) Trunk Space with Compact Spare Tire

**FRONT SUSPENSION BALL JOINT WEAR INDICATOR**

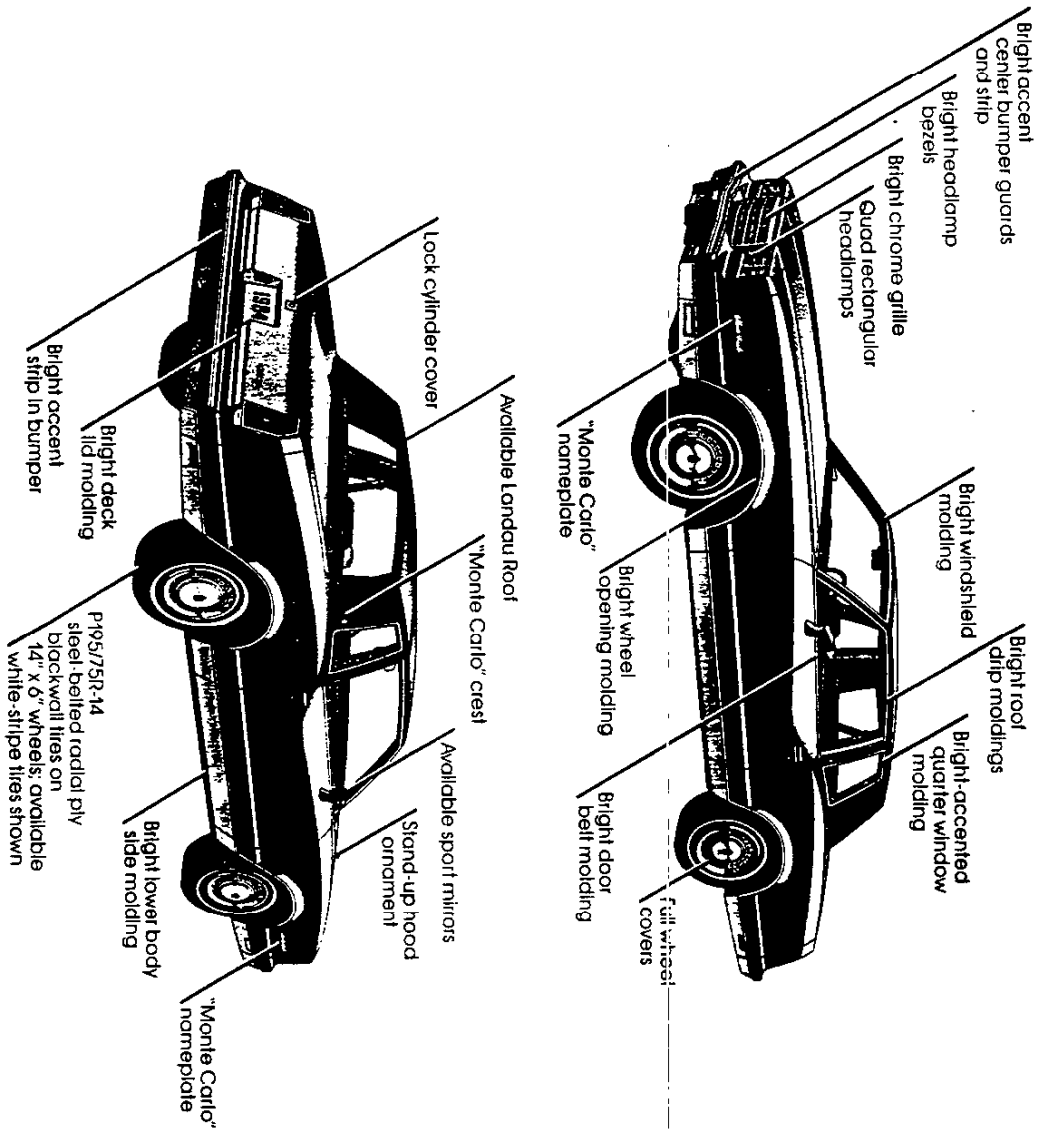


- 5. All Welded Heavy-Gage Steel Body Construction Including Cowl, Roof, Underbody, and Body Panels
- 6. 3- and 4-Speed Automatic Transmissions, all with Torque Converter Clutch
- 7. Low-Drag Front Disc Brakes with Audible Wear Sensors
- 8. Side-Lift Frame Jack
- 9. Multi-Function Turn Signal/Dimmer/Wiper/Washer Switch
- 10. All-Season Steel-Belted Radial Ply Tires Standard (except SS)
- 11. P215/65R-15 White-Lettered Steel-Belted Radial Ply Tires Standard on SS Sport Coupe

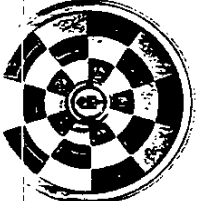


# MONTE CARLO

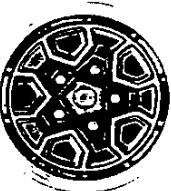
## Sport Coupe



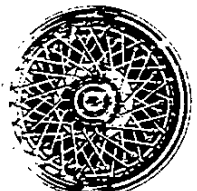
Standard Monte Carlo Wheel Cover



Available Aluminum Wheel (RPO N90)



Available Rally Wheel (RPO Z17)



Available Wire Wheel Cover (RPO N95)

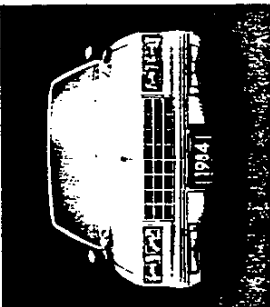
1. Monte Carlo Custom 55/45 Seat

2. Available Removable Glass Roof Panels

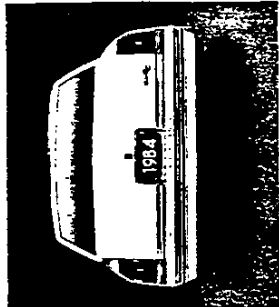
3. Monte Carlo Front Styling Featuring a Large-Segment Grille Design

4. Monte Carlo Rear Styling

5. Available Padded Landau Vinyl Roof Cover



3.



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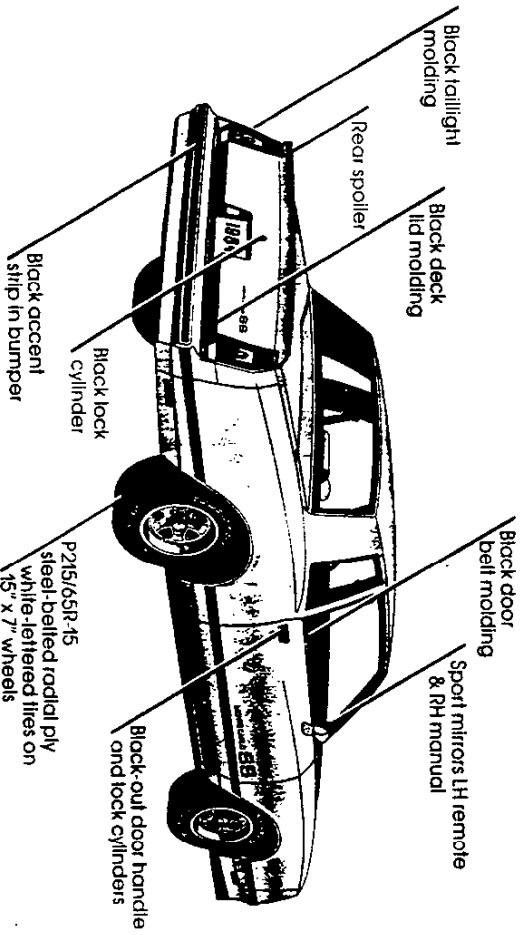
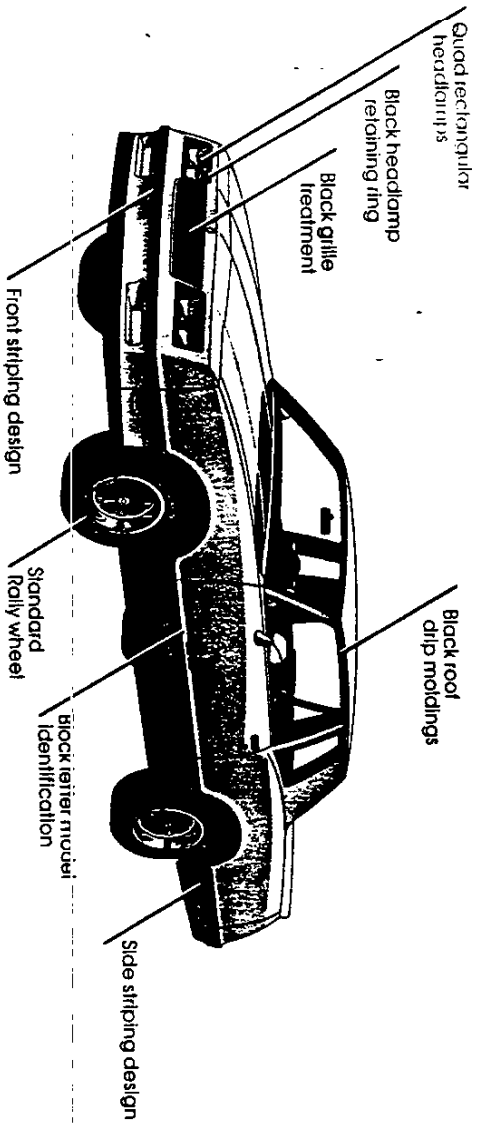
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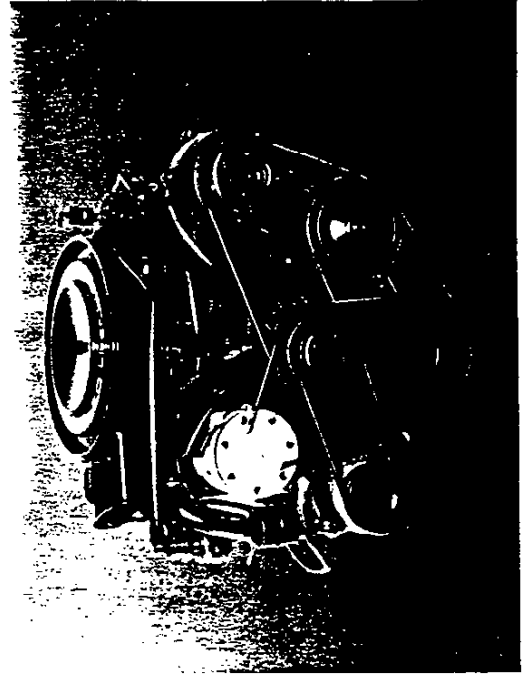
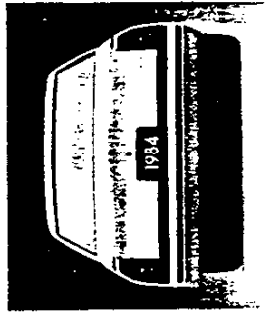
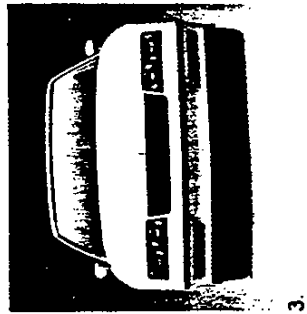
# MONTE CARLO SS

## Sport Coupe



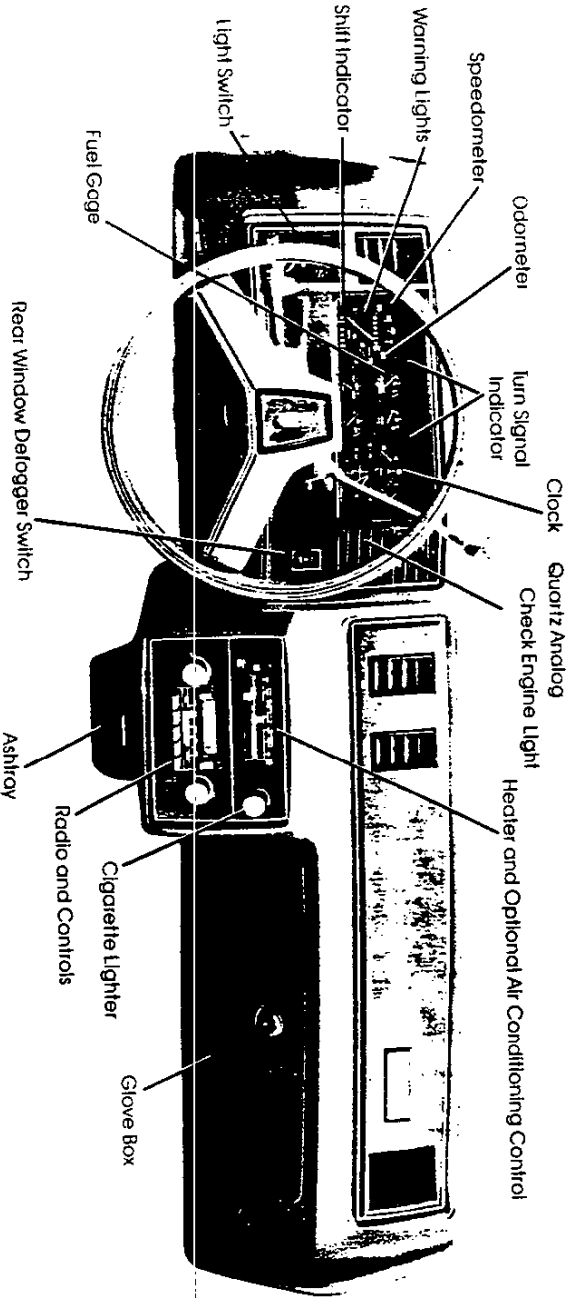
Standard 15 x 7 rally wheel

1. Monte Carlo SS Standard Cloth Interior
2. Monte Carlo SS Rear Spoiler
3. Monte Carlo SS Front Styling
4. Monte Carlo SS Rear Styling
5. Monte Carlo SS 5.0 Liter 4-Bbl V8 (H.O.)



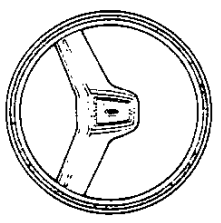
# INTERIOR FEATURES

Monte Carlo Instrument Panel (shown with some available features)

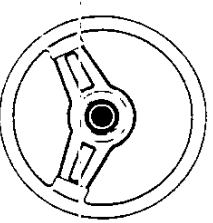


INTERIOR FEATURES	Monte Carlo Sport Coupe	Monte Carlo SS Sport Coupe
Full-width front and rear seats in cloth	S	S
Full-width front and rear seats in vinyl	EC	NA
Fold-down front center armrest	S	S
55/45 front seat fir standard firm	EC	NA
Stratified leather grain (applique on instrument panel)	S	S
Sport steering wheel	NA	S
Molded full foam seat construction	S	S
Color-keyed seat and shoulder belts	S	S
Adjustable head restraints	S	S
Insert-type folding seat-back locks	S	S
Vinyl, bolstered, vertically ribbed upper door panel	S	S

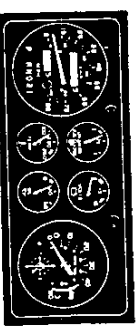
INTERIOR FEATURES	Monte Carlo Sport Coupe	Monte Carlo SS Sport Coupe
Large vinyl door pull strips	S	S
Integral padded armrests	S	S
Carpeted lower door panels	S	S
Automatic dome lamp switches on doors	S	S
Instrument panel courtesy lamps	S	S
Glove compartment lock and lamp	S	S
Cloth, foam-backed headliner	S	S
Color-keyed, molded-back one-piece carpeting	S	S
Cigarette lighter and ashtray/lamp	S	S
Rear seat ashtray	S	S
Day/night rearview mirror	S	S



Standard steering wheel with simulated leather-grain insert in rim, Monte Carlo crest.



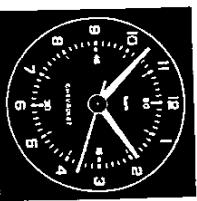
Sport steering wheel standard on Monte Carlo SS model.



Special Instrumentation with Tachometer (Standard Monte Carlo SS)

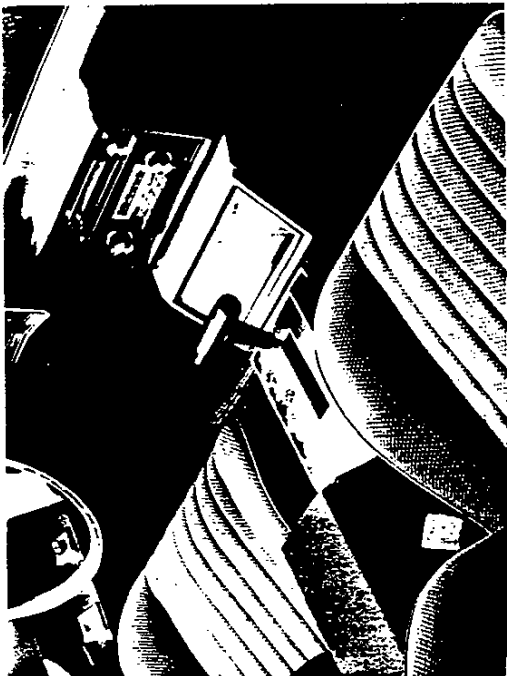


Available Gauge Package with Trip Odometer (RPO U17)

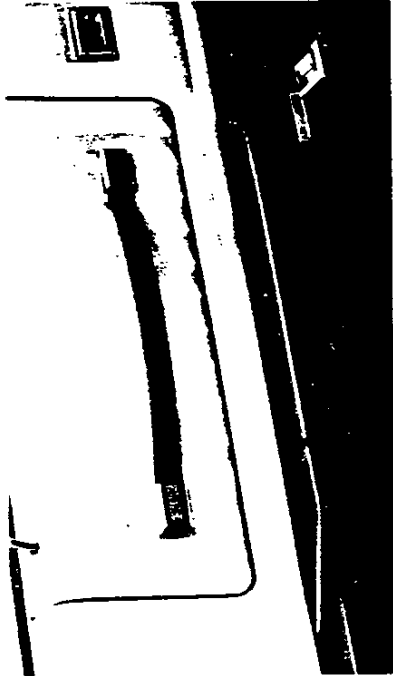


Available Quartz Electric Clock (RPO U36)

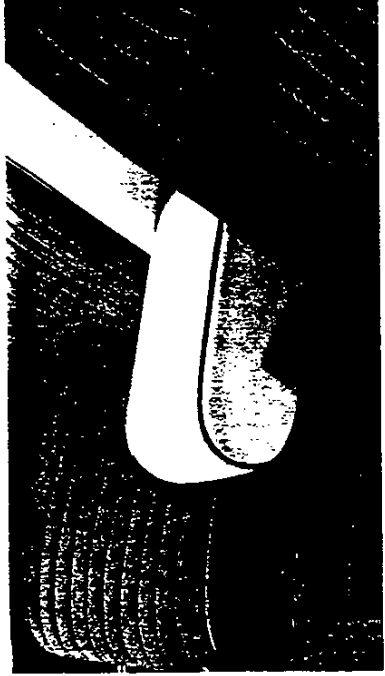
- 1. Available floor console (requires bucket seats)
- 2. Large vinyl door pull straps
- 3. Fold-down armrest in front seat
- 4. Carpeted lower door panels
- 5. Glove compartment lock/compartiment light
- 6. Available luggage compartment light
- 7. Available underhood light



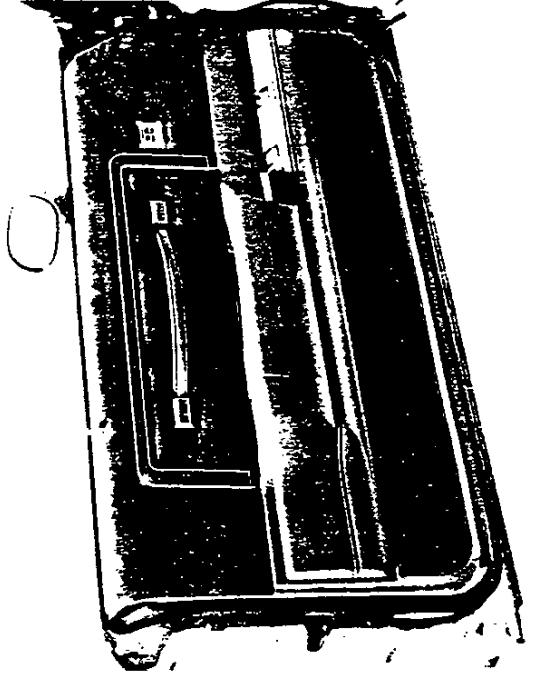
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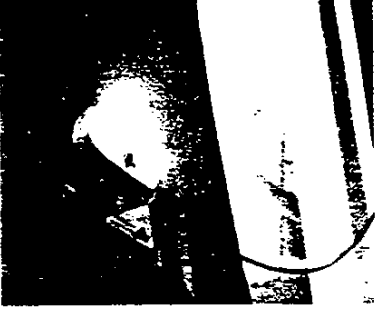
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# OPTIONAL FEATURES

(Available at extra cost)

## FACTORY-INSTALLED OPTIONAL EQUIPMENT

<b>Air Conditioning.</b> Includes hood insulator.....	<b>RPO</b>	<b>C60</b>
<b>Axles:</b>		
Limited slip differential*.....	G80	
Performance axle (R10).....	G92	
<b>Battery, Heavy-Duty</b> .....	U41	
<b>Clock, Quartz Electric.</b> Included with Gage Package*.....	U35	
<b>Cold Climate Package (Diesel)*</b> .....	V10	
<b>Console</b> .....	D55	
<b>Cooling, Heavy-Duty*</b> .....	VO8	
<b>Delagger:</b>		
Electric Rear Window.....	C49	
<b>Door Lock System, Power</b> .....	AU3	
<b>Engine Block Heater</b> .....	K05	
<b>Floor Covering:</b>		
Mat's, color-keyed floor/ front & rear.....	D37	
<b>Gage Package With Trip Odometer.</b> Includes electric clock, voltmeter, temperature and oil pressure gauges*.....	UF7	
<b>Glass, Tinted:</b>		
All windows.....	AO1	
<b>Headlamps, Halogen Hi-Beam</b> .....	T15	
<b>Lamps, Cornering*</b>	T87	
<b>Lighting, Auxiliary.</b> Includes luggage compartment light, underhood light; headlamp-on reminder.....	TR9	
<b>Mirrors:</b>		
Sport, LH remote & RH manual (Std. on SS).....	D35	
Sport, twin remote.....	D68	
<b>Moldings:</b>		
Body side, deluxe*.....	BW2	
Door edge guards.....	B93	
Side window sill*.....	B85	
<b>Paint:</b> Custom two-tone (See Color and Fabric Selector)*.....	D84	
<b>GM-Delco Radio Equipment:</b> (All radios include dual front speakers and fixed-length tender antenna; all stereos include dual rear speakers.)		
AM Radio.....	U63	
AM/FM Radio.....	U69	
AM/AM Stereo Radio.....	U58	

\*Optional equipment not available on Monte Carlo SS model.

## RPO

AM/FM Stereo Radio with stereo cassette tape ...	UN3
Speakers, dual rear (requires AM, AM/FM monaural radios included with stereos)	U81
Fixed Mast Antenna.....	U73
Fixed Mast Antenna (SS only).....	U56
Power Antenna.....	U75
<b>Roof Cover, Padded Landau Vinyl*</b> .....	CC1
<b>Roof Panels, Removable Glass*</b> .....	
<b>Seat Equipment:</b>	
55/45 front seat (See Color and Fabric Selector)*.....	
Bucket Seats (See Color and Fabric Selector).....	AG9
Power Seat, six-way.....	
<b>Speed Control, Electronic</b> with resume speed feature.....	K34
<b>Steering Wheel, Comfortilt</b> .....	N33
<b>Stripping, Body Pin*</b> .....	D85
<b>Suspension Equipment:</b>	
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) (Std. on SS).....	F41
<b>Tires:</b>	
P195/5R-14 All-Season steel-belted radial ply white-stripe*.....	GMX
P205/70R-14 All-Season steel-belted radial ply white-stripe.....	GHY
<b>Transmission, Automatic with Overdrive</b> .....	MX0
<b>Trim, Custom Interior:</b> (See Color and Fabric Selector).....	A90
<b>Trunk Opener, Power</b> .....	Z17
<b>Wheel Equipment:</b>	
Rally wheels (Std. on SS).....	N90
Aluminum wheels*.....	N95
Wire wheel covers*.....	N18
Locking package, wheel cover*.....	A31
<b>Windows, Power</b> .....	CD4
<b>Windshield Wiper System, Intermittent</b> .....	

## DEALER-INSTALLED ACCESSORIES

Antenna.....	AM/FM Manual, Fixed Mast
Bell, Rear, Shoulder.....	

NA .. Not Available

See Dealer Order Guide for latest available information.

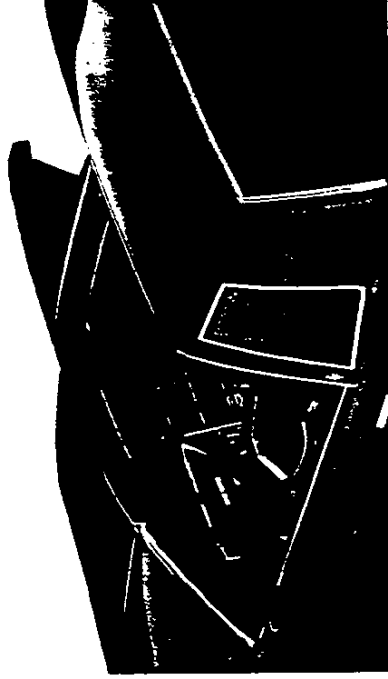
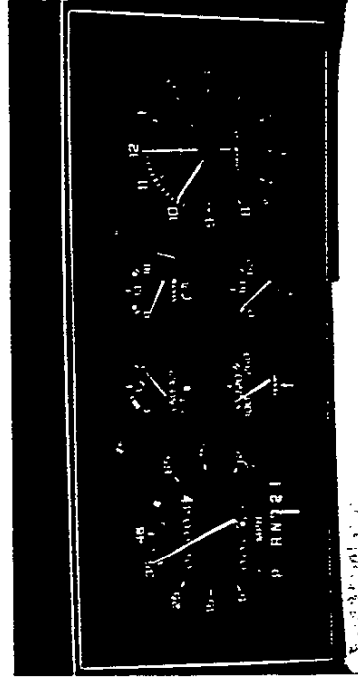
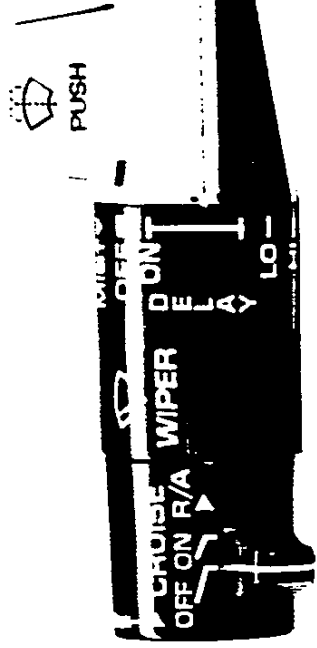
1. Gage Package with Trip Odometer

2. Comfortilt Steering Wheel

3. Electronic Speed Control with Resume Speed

4. Removable Glass Roof Panels

5. Padded Landau Vinyl Roof Cover



1.

4.



5.

2.

# 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 precoated 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 wheelhousings.
- Zinc-rich precoated 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.

- Plastics film is used to seal trunk lid and door hern flanges.

- Aluminum with precoated 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.

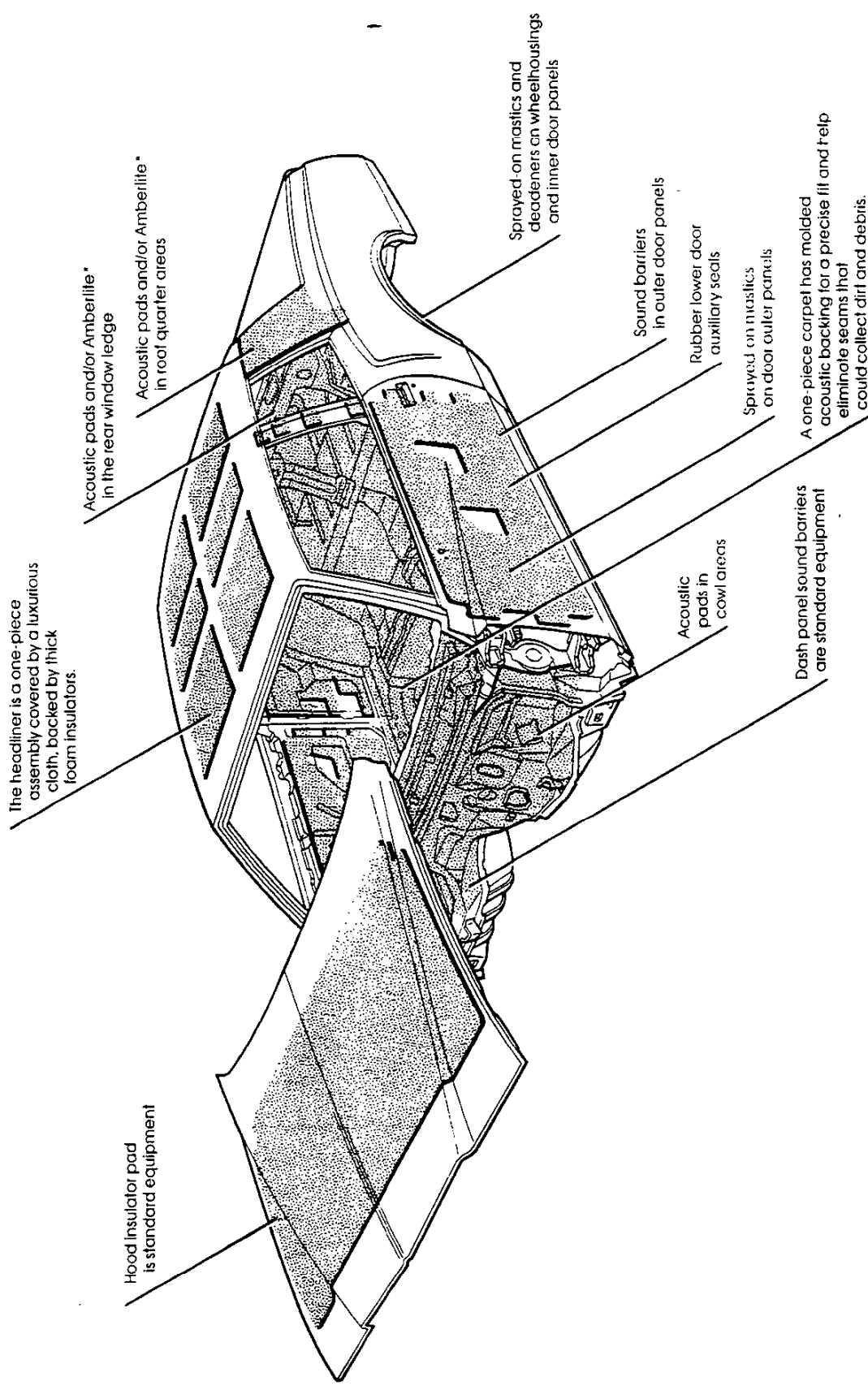
- This topcoat is then thoroughly baked.

- After the final baking process, the finish is carefully checked for any marks, 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 . . .



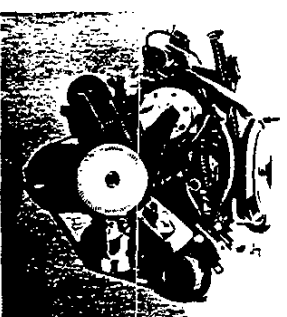
# POWER TEAMS

Engine	PPO No.	Engine Availability	Automatic Transmission (RPO M14)	Automatic w/Overdrive (RPO M10)
ALL STATES EXCEPT CALIFORNIA				
3.8 Liter 2-Bbl V6 (A)	RPO LC3	STD	STD	EC
5.0 Liter 4-Bbl V8 (B)	RPO LG4	EC	STD	EC
5.0 Liter 4-Bbl V8 (HO) (B)	RPO L69	STD*	STD	NA
5.7 Liter V8 Diesel (D)	RPO LF9	EC	STD	EC
CALIFORNIA ONLY				
3.8 Liter 2-Bbl V6 (C)	RPO LD5	STD	STD	NA
5.0 Liter 4-Bbl V8 (B)	RPO LG4	EC	STD	EC
5.0 Liter 4-Bbl V8 (HO) (B)	RPO L69	STD*	STD	NA

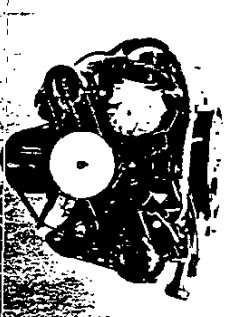
  

ENGINE TYPE	90° V6 OHV	90° V8 OHV	90° V8 Diesel
DISPLACEMENT (CU. IN.)	229	305	350
BORE AND STROKE (IN.)	3.736 x 3.48	3.736 x 3.48	4.057 x 3.385
HP* @ RPM	110 @ 4000	150 @ 4000	105 @ 3200
TORQUE* @ RPM (LBS.-FT.)	190 @ 1600	240 @ 2400	200 @ 1600
COMPRESSION RATIO	8.6:1	8.6:1	22:1
FUEL INDUCTION	Dualjet 2-Barrel Carburetor	Quadrajel 4-Barrel Carburetor	Fuel Injection
FUEL REQUIREMENT	87-Octane Rating Unleaded Gasoline†		
CHOKE	Automatic Electric		
VALVE LIFTERS	Hydraulic Roller type		
ENGINE EXHAUST	Single With Y-Type Crossover	Dual	Single With Y-Type Manifold Crossover
CATALYTIC CONVERTER	Dual Bed With Monolith Substrate	Single Bed With Pellet Substrate	Dual Bed With Monolith Substrate #
MUFFLERS	Single Reverse Flow type	Single	Dual Reverse Flow type
RESONATORS	None	None	Dual
TAILPIPE/S	Single	None	Dual
IGNITION SYSTEM	12 Volt High Energy Ignition (HEI)		
DELCOIRON GENERATOR	37 Amp	42 Amp	37 Amp
BATTERY (SAE CAPACITY RATING)	Single/355 Amp	Single/315 Amp	Single/355 Amp
SPARK PLUGS	AC R45TS	AC 451S8	AC 451S
COOLING SYSTEM CAPACITY (GALS.)	15.0	12.0	16.3*
CRAWKCASE CAPACITY (GALS.)	4 Less Filter	5 Less Filter	7 Less Filter

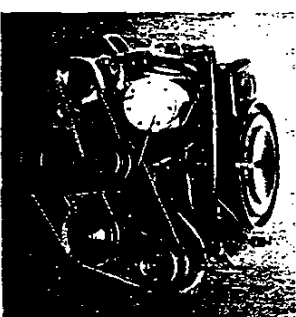
STD Standard NA Not Available EC Available at Extra Cost † Not available until January 1984 \*Standard on SS only, not available for Sport Coupe  
 (A) Produced by GM - Chevrolet Motor Division (B) Produced by GM - Chevrolet Motor Division and GM of Canada (C) Produced by GM - Buick Motor Division  
 (D) Produced by GM - Oldsmobile Motor Division NOTE: SEE DEALER ORDER GUIDE FOR AXLE RATIOS



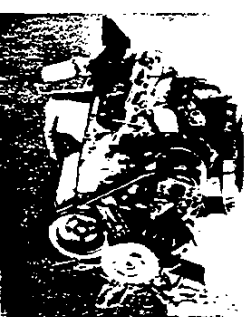
3.8 Liter 2-Bbl V6 Engine



5.0 Liter 4-Bbl V8 (HO) Engine

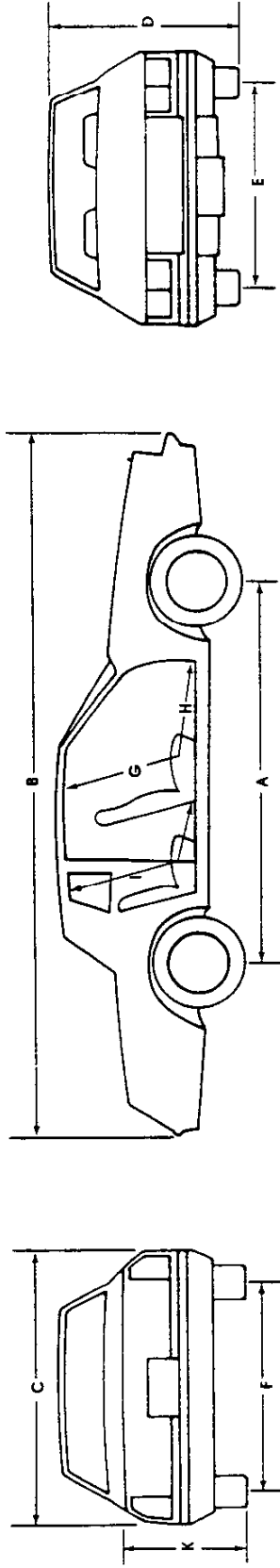


5.7 Liter V8 Diesel Engine



5.0 Liter V8 Diesel Engine

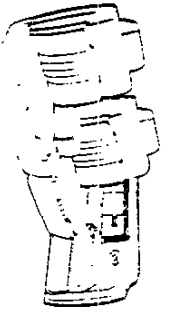
# DIMENSIONS, SPECIFICATIONS & SERVICE INTERVALS



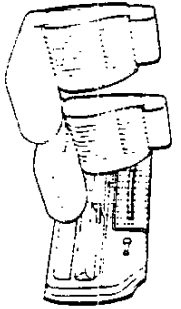
	SS	Sport Coupe	Sport Coupe
<b>EXTERIOR DIMENSIONS (in.)</b>			
A Wheelbase	108.0	108.0	108.0
B Length (overall)	202.4	200.4	200.4
C Width (overall)	71.8	71.8	71.8
D Height (overall)	55.0	54.4	54.4
E Head - front	58.5	58.5	58.5
F Head - rear	57.8	57.8	57.8
Minimum ground clearance	5.9	5.9	5.3
<b>INTERIOR ROOMINESS (in.)</b>			
G Head room - front	37.6	37.6	37.6
H Leg room - front	42.8	42.8	42.8
Shoulder room - front	56.3	56.3	56.3
Hip room - front	51.7	51.7	51.7
I Head room - rear	37.8	37.8	37.8
J Leg room - rear	36.5	36.5	36.5
Shoulder room - rear	55.9	55.9	55.9
Hip room - rear	54.9	54.9	54.9
<b>LUGGAGE COMPARTMENT</b>			
K Luggage height	25.0	24.4	24.4
Usable luggage space (cu. ft.)	16.2	16.2	16.2
<b>RATED FUEL TANK CAPACITY (gallons)</b>	18.1	18.1	18.1
<b>CURB WEIGHT (pounds)</b>	3439	3439	3181
119.8 gallons with diesel			
<b>SERVICE INTERVALS †</b>			
Engine Oil	12 months or 7,500 miles*	Chassis Lubrication	12 months or 7,500 miles
Oil Filter	12 months or 7,500 miles, every 15,000 miles thereafter*	Automatic transmission	
Spark Plugs	30,000 miles	Fluid Change	Every 100,000 miles
*5,000 miles with diesel	*Except diesel	†Under ideal conditions. Consult Owner's Manual for conditions requiring more frequent service intervals.	

# SEAT & DOOR TRIM

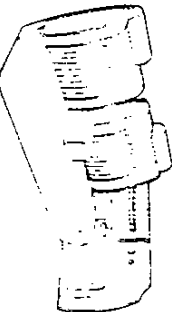
# COLOR & TRIM COMBINATIONS



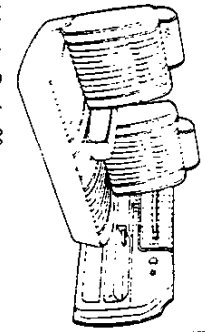
Monte Carlo Sport Coupe  
Available Custom C. Cloth  
55/45 Seat



Monte Carlo SS  
Available Cloth Bucket Seat



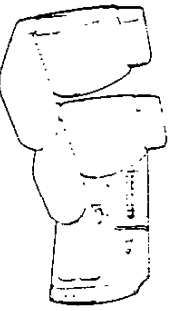
Monte Carlo Sport Coupe  
Bench Seat Cloth standard;  
Vinyl Available



Monte Carlo SS  
Standard Cloth Bench Seat



Monte Carlo Sport Coupe  
Available Cloth 55/45 Seat



Monte Carlo Sport Coupe  
Available Cloth Bucket Seat

Model	Seat Type	Interior Colors															
		Dark Blue	Dark Brown	Fern	Maroon	Sand Gray	Dark Blue/White	Blue	Exterior Color	Vinyl Root Color	Exterior Color						
Monte Carlo Sport Coupe	Standard Cloth Bench	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Available Cloth 55/45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Monte Carlo Sport Coupe	Available Vinyl Bench	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Available Cloth Bucket	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Monte Carlo SS	Available Custom C. Cloth 55/45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Standard Cloth Bench																
Monte Carlo SS	Available Cloth Bucket																

EXTERIOR COLORS	CODE	Exterior Color		Vinyl Root Color		Exterior Color		Vinyl Root Color		Exterior Color		Vinyl Root Color		Exterior Color		Vinyl Root Color	
		White	Bright Silver (Metallic)	Black	Light Blue (Metallic)	Dark Blue (Metallic)	Light Fern (Metallic)	Dark Fern (Metallic)	Beige	Light Brown (Metallic)	Dark Brown (Metallic)	Light Maroon (Metallic)	Dark Maroon (Metallic)	White	Bright Silver (Metallic)	Dark Blue (Metallic)	Light Fern (Metallic)
White	11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bright Silver (Metallic)	17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Black	19																
Light Blue (Metallic)	22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Dark Blue (Metallic)	27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Light Fern (Metallic)	42																
Dark Fern (Metallic)	48																
Beige	59																
Light Brown (Metallic)	62																
Dark Brown (Metallic)	67																
Light Maroon (Metallic)	73																
Dark Maroon (Metallic)	78																

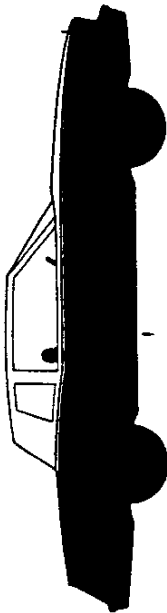
**Custom Two-Tone Colors (RPO D84)**

Bright Silver (Met)/White	17/11																
Dark Blue (Met)/Light Blue (Met)	27/22	X															
Dark Fern (Met)/Light Fern (Met)	48/42					X											
Dark Brown (Met)/Light Brown (Met)	67/62				X												
Dark Maroon (Met)/Light Maroon (Met)	78/73						X										

Vinyl Roof Colors - Black (BB); White (WW); Dark Blue (DD); Light Fern (GG); Dark Brown (EE); Dark Maroon (FF); Sand Gray (QQ)  
 Note: See Dealer Order Guide for pin striping colors available with exterior/interior color combinations.

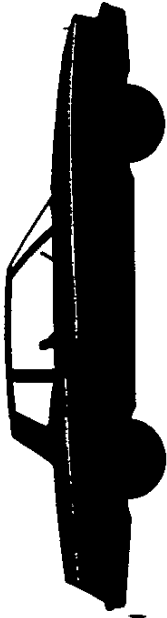
## EXTERIOR DECOR FEATURES

### Custom Two-Tone (RPO D84)



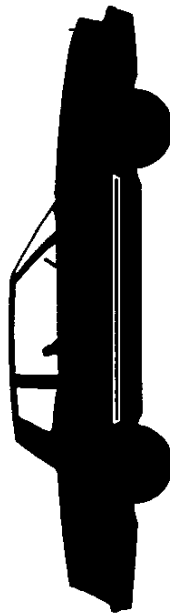
Two-tone exterior with accent color on hood, roof and around side windows. Color-keyed pin striping separates the two colors. Not available on Monte Carlo SS.

### Body Pin Striping (RPO D85)



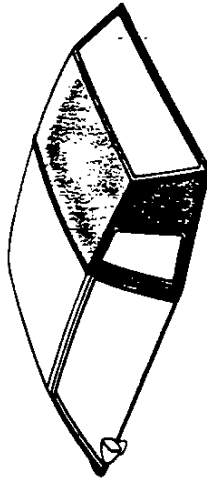
Dual-stripe colors on body sides, deck lid, fenders and hood keyed to exterior/interior color combinations. Not available on Monte Carlo SS.

### Deluxe Body Side Moldings (RPO BW2)



Bright moldings with black vinyl insert extend along lower body between wheel openings. Not available on Monte Carlo SS.

### Vinyl Roof Cover















Padded Landau-style vinyl roof cover available in seven color choices. Not available on Monte Carlo SS.






See Dealer Order Guide for latest available information.




## EXTERIOR COLORS

			
41 — White	47 — Bright Silver (Metallic)	19 — Black	22 — Light Blue (Metallic)
			
27 — Dark Blue (Metallic)	42 — Light Fern (Metallic)	48 — Dark Fern (Metallic)	59 — Beige
			
62 — Light Brown (Metallic)	67 — Dark Brown (Metallic)	73 — Light Maroon (Metallic)	78 — Dark Maroon (Metallic)

## CUSTOM TWO-TONE COLORS (RPO D84)

				
Bright 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)	Dark Maroon (Metallic) Accent/Light Maroon (Metallic)

## VINYL ROOF COVER COLORS

						
BB — Black	WW — White	DD — Dark Blue*	GG — Light Fern*	EE — Dark Brown*	FF — Dark Maroon*	QQ — Sand Gray

\* (Metallic)

See Dealer Order Guide for latest available information.

# INTERIOR COLORS

**Monte Carlo Sport Coupe**  
Available Custom Cloth Interior



Dark Blue



Maroon



Dark Brown



Fern



Sand Gray

**Monte Carlo Sport Coupe**  
Standard Cloth Interior



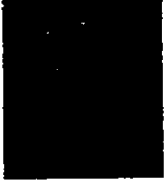
Dark Blue



Maroon



Dark Brown

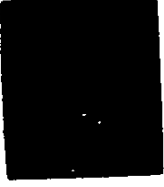


Fern



Sand Gray

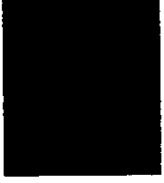
**Monte Carlo Sport Coupe**  
Available Vinyl Interior



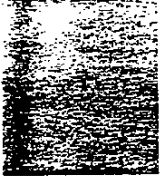
Dark Blue



Maroon



Dark Brown



Sand Gray

**Monte Carlo SS Sport Coupe**  
Standard Cloth Interior



Dark Blue



Dark Blue/White

See Dealer Order Guide for latest available information.

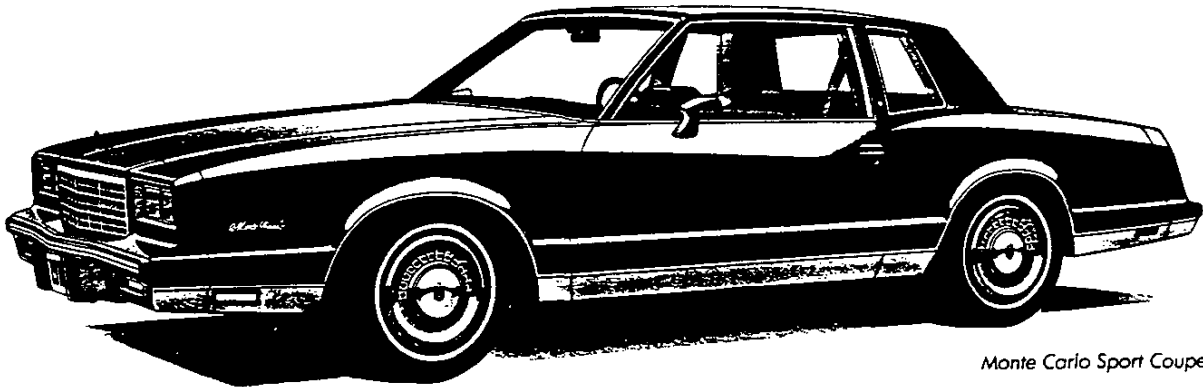


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# MONTE CARLO

## ORDERING INFORMATION

<b>MONTE CARLO</b>	<b>MODEL NUMBER</b>	<b>PASSENGER CAPACITY</b>
Sport Coupe	1GZ37	6*
SS Sport Coupe	1GZ37/Z65	6*
		*5 with optional bucket seats



Monte Carlo Sport Coupe

### NEW FEATURES

- New front bucket seats and floor console (RPO D55) are available options.
- New exterior color Bright Silver Metallic (code 17).
- A new Electronic Speed Control system (RPO K34) with resume feature now has two added acceleration modes, plus one deceleration mode.
- Diesel engine application is revised; the 5.7 Liter V8 (RPO LF9) Federal only; NA California.
- Automatic overdrive transmission (RPO MX0) available with all engines (except with 3.8L engine in California).

### CONTINUED STANDARD FEATURES

- Computer Command Control (except diesel).
- Full six-passenger capacity.
- Automatic transmission with torque converter clutch.
- Power steering.
- Power disc/drum brake system.
- Disc brake audible wear sensors.
- Fold-down center armrest in standard interior.
- Low-drag front disc brakes.
- Delco Freedom Plus II battery.
- 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	SS Sport Coupe
Quad rectangular headlamps	S	S
Dual chrome outside rearview mirrors	S	NA
Sport mirrors LH remote & RH manual	EC	S
Roof drip molding	Bright	Black
Body pin striping	EC	NA
Wheel opening moldings	S	NA
Full wheel covers	S	NA
Hood ornament	S	NA
Padded opera-style vinyl roof cover	EC	NA
Quartz electric clock	EC	NA
Fold-down armrest in front seat	S	S
Custom 55/45 seats	EC	NA
Glove compartment, courtesy and ashtray lamps	S	S
Gage Package	EC	S
3.8 Liter 2-Bbl. V6 (229 CID-Federal; 231 CID-Calif.)	S	NA
5.0 Liter 4-Bbl. V8 (H.O.)	NA	S
P195/75R-14 steel-belted radial ply blackwall tires and 6" wheels	S	NA
P215/65R-15 white-lettered radial ply tires	NA	S
Special instrumentation with tachometer	NA	S
Sport suspension	EC	S
Rear spoiler	NA	S
Rally Wheels	EC	S

S—Standard    EC—Extra Cost    NA—Not Available

Refer to Dealer Order Guide for option availability and application.

**INTRODUCTORY  
ADVERTISING &  
MERCHANDISING  
MODELS.**

To effectively tie in your Dealership's promotion activities to those cars featured in the early 1984 national advertising, you may wish to include the car described below for your display:

Monte Carlo Coupe  
Exterior . . . . . Lt. Blue  
Interior . . . . . Dk. Blue

**SPORT MODEL.**

During the 1984 announcement period, plan to display one or more of the sport models that appeal to younger prospects. This includes the MONTE CARLO SS which, incidentally, is scheduled for added promotional support in 1984.

**LOW PRICE  
LOOKERS.**

Listed below is a suggested Low Price Looker Package . . . base unit with a minimum of appearance options.

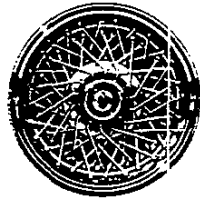
Where your Announcement Day availability enables you to order a Low Price Looker model, it will provide you with a distinctive showroom display car at a low sticker price.

MONTE CARLO  
Sport Coupe 1GZ37  
V6 Engine  
Automatic Trans.  
U63 AM Radio  
B85 Side Window Sill  
Moldings  
QMX White-Stripe Tires

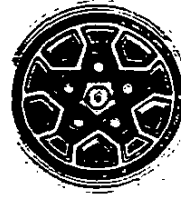
**WHEEL TRIM**



Full Wheel Cover  
Standard  
(not available  
SS model).



Wire Wheel Cover  
RPO N95  
(not available  
SS model).



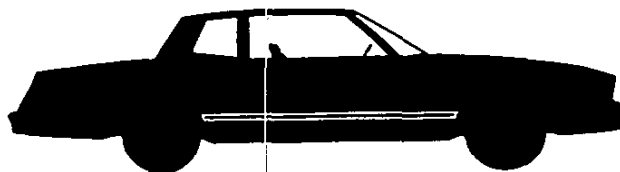
Rally Wheel  
RPO ZJ7  
(standard  
SS w/special hub).



Aluminum Wheel  
RPO N90  
(not available  
SS model).

**BODY SIDE MOLDINGS** (RPO BW2)

(not available SS model)



Bright with black vinyl insert.

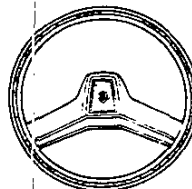
**BODY PIN STRIPING** (RPO D85)

(not available SS model)



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. The 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



Litho in U.S.A. 4393 483

Refer to Dealer Order Guide for option availability and application.

mvma

# MOTOR VEHICLE

Specifications

136-12-

136

ORIGINAL COPY

# 1984

<b>Manufacturer</b> CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	<b>Car Line</b> MONTE CARLO - EL CAMINO
<b>Mailing Address</b> CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MI 48090	<b>Issued</b> SEPTEMBER, 1983
	<b>Revised</b>

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

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

General Specifications herein are those in effect at date of compilation and are subject to change with notice by the manufacturer.



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# MONTE CARLO

## 1984 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on and after July 30, 1984

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"					9038.00	3
◆ 8-Cylinder Engine SS Sport Coupe .....	1GZ37	Z85	108.1"					10800.00	3

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

## OPTIONS WHEN INSTALLED BY GENERAL MOTORS

Prices shown are effective with vehicles produced on and after July 30, 1984

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
C**1 Cloth Bench Seat with white vinyl inserts. Z85 SS Sport Coupe only .....						NO ADDITIONAL CHARGE
C**2 Cloth Bucket Seats .....						147.00
V**1 Vinyl Bench Seat .....						28.00
F**3 Custom Cloth CL 55/45 .....						385.00

#### Exterior Color: Paint

Solid .....						NO ADDITIONAL CHARGE
Custom Two-Tone. Includes upper body accent, color-keyed striping .....	D84					214.00
Roof Cover, Padded Vinyl, Landsu .....						245.00

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

3.8 Liter 2 BBL V8 .....	LC3					NO ADDITIONAL CHARGE
3.8 Liter 2 BBL V6 .....	LD5					NO ADDITIONAL CHARGE
5.0 Liter 4 BBL V8 .....	LG4					390.00
5.0 Liter 4 BBL V8 High Output .....	B4V					NO ADDITIONAL CHARGE
5.7 Liter V8 Diesel .....	LF9					390.00
Air Conditioning: Includes increased cooling .....	C60					730.00

#### Axles, Rear:

Limited Slip Differential .....	G80					95.00
Performance Ratio .....	G92					21.00

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

Without Diesel Engine .....	UA1					28.00
With Diesel Engine .....	UA1					52.00

#### Clock: Quartz Electric. Included with UF7 Gage Package .

	U35					35.00
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#### Cold-Climate Package: Includes UA1 H.D. Battery and engine block and fuel line heater .....

	V10					99.00
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#### Console .....

	D55					105.00
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#### Cooling, Heavy-Duty:

Without C60 Air Conditioning .....	V08					70.00
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With C60 Air Conditioning .....	V08					40.00
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Defogger, Rear Window: Electric .....	C49					140.00
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Door Lock System, Power: Electric .....	AU3					125.00
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#### Emission Systems:

California Emission Requirements. Includes all testing, equipment and/or certification necessary for registration in the State of California. ....	YF5					99.00
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High Altitude Emission Equipment .....	NA6					NO ADDITIONAL CHARGE
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Standard Emission Equipment .....	NA5					NO ADDITIONAL CHARGE
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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 ordering Division for any tax that it has paid, incurred or agreed to pay thereon.  
◇ State and local taxes not included.



# MONTE CARLO

## OPTIONS WHEN INSTALLED BY GENERAL MOTORS

Prices shown are effective with vehicles produced on and after July 30, 1984

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(s)	List Price	Mfr's Suggested Retail Price <sup>o</sup>
<b>REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION</b>						
<b>Floor Covering:</b> 2 front and 2 rear color-keyed floor mats	B37					27.00
<b>Gage Package With Trip Odometer:</b> Includes clock, temperature, voltmeter and oil pressure gages	UF7					95.00
<b>Glass, Tinted:</b> All Windows	A01					110.00
<b>Headlamps, Halogen Hi-Beam</b>	TT5					10.00
<b>Heater, Engine Block:</b> Included with V10 Cold-Climate Package	K05					20.00
<b>Lamps, Cornering</b>	T87					55.00
<b>Lighting, Auxiliary:</b> Includes luggage compartment lamp, underhood lamp and headlamp reminder buzzer	TR9					28.00
<b>Mirrors:</b>						
Sport, LH Remote and RH Manual. Standard on Z65 SS Sport Coupe	D35					53.00
Sport, Twin Remote						
Without Z65 SS Sport Coupe	D68					83.00
With Z65 SS Sport Coupe	D68					30.00
<b>Moldings:</b>						
Body Side, Deluxe	BW2					57.00
Door Edge Guards	B93					15.00
Side Window Sill	B85					45.00
<b>Preliminary Price Information</b>	B3W					N.A.
<b>Radio Equipment:</b>						
AM/FM Radio	U69					59.00
AM/FM Stereo Radio	U58					86.00
AM/FM Stereo Radio with Stereo Cassette Tape	UN3					186.00
Speakers, Dual Rear. Included with U58 or UN3 Radio	U81					30.00
<b>Antennas:</b>						
Fixed Mast, Included with radio	U73					41.00
Fixed Mast, Black, Included with radio	US6					41.00
Power Antenna	U75					80.00
<b>Roof Panels: Removable Glass</b>	CC1					825.00
<b>Seat, Power: Electric, 6-Way Control. Driver's side only with 55/45 Seat</b>	AG9					215.00
<b>Speed Control, Electronic: With Resume Speed</b>	K34					175.00
<b>Steering Wheel: Comfort</b>	N33					110.00
<b>Striping, Pin: Body</b>	D85					61.00
<b>Suspension Equipment:</b>						
Heavy-Duty Front and Rear. Includes special front and rear springs and matching shock absorbers	F40					28.00
Sport. 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
<b>Tires:</b>						
P195/75 R-14 All Seasons Steel Belted Radial Ply Blackwall (Standard except on Z65 SS Sport Coupe)	QMW				NO ADDITIONAL CHARGE	
P195/75 R-14 All Seasons Steel Belted Radial Ply White Stripe	QMX					62.00
P205/70 R-14 All Seasons Steel Belted Radial Ply White Stripe	QHY					124.00
<b>Transmissions:</b>						
Automatic with Overdrive	MX0					175.00
Automatic	MX1				NO ADDITIONAL CHARGE	
<b>Trunk Opener, Power: Electric</b>	A90					40.00
<b>Wheel Trim:</b>						
Wheels, Aluminum	N90					332.00
Wheel Covers, Wire	N95					159.00
Wheels, Rally. Includes styled wheels, special hub caps and trim rings	ZJ7					56.00
<b>Wheel Cover Locking Package</b>	N18					39.00
<b>Windows, Power: Electric</b>	A31					185.00
<b>Windshield Wiper System: Intermittent</b>	CD4					50.00

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

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

◇ State and local taxes not included.

## 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	QHY	TIRES: P205/70 R-14 White Stripe (Radial)
A01	GLASS, TINTED: All Windows	QMW	TIRES: P195/75 R-14 Blackwall (Radial)
A31	WINDOWS, POWER	QMX	TIRES: P195/75 R-14 White Stripe (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
B4V	ENGINE: 5.0 Liter 4 BBL V8 (High Output)	UF7	GAGE PACKAGE WITH TRIP ODOMETER
B85	MOLDINGS: Side Window Sill	UN3	RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape
B93	MOLDINGS: Door Edge Guard	US6	RADIO EQUIPMENT: Fixed Black Mast Antenna
CC1	ROOF PANELS: Removable Glass	U35	CLOCK: Quartz Electric
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
C49	DEFOGGER, REAR WINDOW: Electric	U63	RADIO EQUIPMENT: AM Radio
C60	AIR CONDITIONING	U69	RADIO EQUIPMENT: AM/FM Radio
D35	MIRRORS: Sport, LH Remote and RH Manual	U73	RADIO EQUIPMENT: Fixed Mast Antenna
D55	CONSOLE	U75	RADIO EQUIPMENT: Power Antenna
D60	NON-RECOMMENDED COLOR COMBINATION	U81	RADIO EQUIPMENT: Speakers, Dual
D68	MIRRORS: Sport, Twin Remote	V08	COOLING, HEAVY-DUTY
D84	PAINT, CUSTOM TWO-TONE	V10	COLD CLIMATE PACKAGE
D85	STRIPING, PIN: Body	YF5	EMISSION SYSTEM: California Emission Requirements
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	ZJ7	WHEEL TRIM: Wheels, Rally
F41	SUSPENSION EQUIPMENT: Suspension, Sport	Z65	SS SPORT COUPE (Model Option)
G80	AXLE, REAR: Limited Slip Differential	14A	STRIPING: Lt Sand Gray
G92	AXLE, REAR: Performance Ratio	17A	STRIPING: Sand Gray
K05	HEATER, ENGINE BLOCK	17M	ACCENT COLOR: Bright Silver Metallic
K34	SPEED CONTROL, ELECTRONIC: With Resume Speed	22A	STRIPING: Lt Blue
LC3	ENGINE: 3.8 Liter 2 BBL V6	25A	STRIPING: Dk Blue
LD5	ENGINE: 3.8 Liter 2 BBL V6	27M	ACCENT COLOR: Dk Blue Metallic
LF9	ENGINE: 5.7 Liter Diesel V8	42A	STRIPING: Lt Fern
LG4	ENGINE: 5.0 Liter 4 BBL V8	48A	STRIPING: Dk Fern
NA5	EMISSION SYSTEM: Standard Emission Equipment	48M	ACCENT COLOR: Dk Fern Metallic
NA6	EMISSION SYSTEM: High Altitude Emission Equipment	55A	STRIPING: Gold
N18	WHEEL COVER LOCKING PACKAGE	62A	STRIPING: Lt Brown
N33	STEERING WHEEL: Comfortilt	65A	STRIPING: Dk Brown
N90	WHEEL TRIM: Wheels, Aluminum	67M	ACCENT COLOR: Dk Brown Metallic
		72A	STRIPING: Lt Maroon
		78A	STRIPING: Dk Maroon
		78M	ACCENT COLOR: Dk Maroon Metallic

# MONTE CARLO

## 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	Lik Brown	Fern	Maroon	Sand Gray
<b>MODEL</b>	<b>SEAT TYPE</b>					
1GZ37	Cloth Bench	CDD1	CEE1	CGG1	CFF1	CQQ1
	Cloth 55 / 45	CDD3	CEE3	CGG3	CFF3	CQQ3
	Cloth Bucket	CDD2	CEE2		CFF2	
	Vinyl Bench	VDD1	VEE1		VFF1	VQQ1
	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	Dk Maroon (Met) 78M				R	
White	11	11	—	Bright Silver (Met) 17M					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, Dark (Met)	78	78						R	A
Maroon, Light (Met)	73	73						R	A
Silver, Bright (Met)	17	17			R			R	R
White	11	11			R	R	R	R	R

### VINYL ROOF SELECTOR @

	L	U	U	U	U	U
Beige	59					
Black	19				BB or FF	BB or QQ
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, Dark (Met)	78				FF	FF or QQ
Maroon, Light (Met)	73				FF	FF
Silver, Bright (Met)	17	DD			FF	
White	11	DD or WW	EE or WW	GG or WW	FF or WW	WW

L = Lower U = Upper

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

BLACK ..... BB      DARK BLUE (MET) ..... DD      DARK BROWN (MET) ..... EE      LIGHT FERN (MET) ..... GG  
 DK 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
<b>WITH NA5 STANDARD EMISSIONS</b>			
LC3	—	Std	G92
LG4	Std	—	G92
LF9	Std	—	G92
<b>WITH NA6 HIGH ALTITUDE EMISSIONS</b>			
LF9	Std	—	G92
<b>WITH YF5 CALIFORNIA EMISSIONS</b>			
LD5	—	Std	—
LG4	Std	—	—

# MONTE CARLO

REFER WEEKLY STOPS/LATEST UPDATE

**MODEL**  
1GZ37 Monte Carlo Sport Coupe  
**ENGINES: MUST ORDER ONE (See Power Teams)**

**STANDARD EMISSION EQUIPMENT—REQUIRES NA5 (Also Satisfies High Altitude Emission Requirements)**  
 \_\_\_\_\_ LC3 3.8 Liter 2 BBL V6  
 \_\_\_\_\_ LG4 5.0 Liter 4 BBL V8  
 \_\_\_\_\_ LF9 5.7 Liter Diesel V8 (Reqs V10 Cold Climate Package) (NA6 is Recommended for Optimum Vehicle Performance at High Altitudes)

**HIGH ALTITUDE EMISSION EQUIPMENT—REQUIRES NA6 (Also Satisfies Standard Emission Requirements)**  
 \_\_\_\_\_ LF9 5.7 Liter Diesel V8 (Reqs C60 Air and V10 Cold Climate Package) (NA5 is Recommended for Optimum Vehicle Performance at Low Altitudes)

**CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5**  
 \_\_\_\_\_ LD5 3.8 Liter 2 BBL V6  
 \_\_\_\_\_ LG4 5.0 Liter 4 BBL V8

**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.

	M	M	M	M
	C	C	C	C
	A	A	A	A
	1	2	3	4
Air Conditioning	C60	x	x	x
Console (Reqs Bucket Seats)	D55	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	QMX	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	K34	x	x	x
Steering Wheel, Comfortilt	N33	x	x	x
Wheels, Rally	ZJ7	x	x	N/I
Defogger, Rear Window Electric	C49		x	x
Door Lock System, Power	AU3		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
Battery, Heavy-Duty	UA1			x
Gage Pkg w/Trip Odometer (w/o LF9 Eng)	UF7		x	
Headlamps, Halogen Hi-Beam	TT5		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
(1)	C60 AIR CONDITIONING AXLES, REAR: _____ Limited Slip Differential _____ Performance Ratio (N/A LD5 Eng)
—	G80
—	G92

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
(4)	UA1 BATTERY, HEAVY-DUTY
(2)	U35 CLOCK: Quartz Electric (Incl w/UF7 Gage Package)
—	V10 COLD CLIMATE PACKAGE: (Reqs LF9 Eng) (Incls UA1 Battery, Eng Block and Fuel Line Heaters)
(1)	D55 CONSOLE: (Reqs Bucket Seats) (w/CD4 Wipers Reqs N33 Steering) (N/A T87 Lamps)
—	V08 COOLING, HEAVY-DUTY: (w/LF9 Eng N/A C60 Air)
(3)	C49 DEFOGGER, REAR WINDOW: Electric
(3)	AU3 DOOR LOCK SYSTEM, POWER
(2)	B37 FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
(4)	UF7 GAGE PACKAGE WITH TRIP ODOMETER: (N/A LF9 Engine) (Incls U35 clock)
(1)	A01 GLASS, TINTED: All Windows
(4)	TT5 HEADLAMPS, HALOGEN HI-BEAM
—	K05 HEATER, ENGINE BLOCK: (N/A LF9 Eng) (Recommended for use in Cold Climate Areas)
—	T87 LAMPS, CORNERING: (N/A D55 Console)
(3)	TR9 LIGHTING, AUXILIARY
—	MIRRORS: _____ Sport, LH Remote and RH Manual _____ Sport, Twin Remote
(1)	D35 MOLDINGS: _____ Body Side, Deluxe
(3)	B93 _____ Door Edge Guard
(2)	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: _____ AM Radio _____ AM/FM Radio _____ AM/FM Stereo Radio _____ AM/FM Stereo Radio w/Stereo Cassette Tape _____ Speakers, Dual Rear (Reqs U63 or U69 Radio) (Incl w/U58 or UN3 Radio) _____ Fixed Mast Antenna (Incl w/U63, U69, U58 or UN3 Radio) _____ Power Antenna (Reqs U63, U69, U58 or UN3 Radio) (N/A U73 Antenna)
(1)	U63 ROOF COVER, LANDAU VINYL: (See Vinyl Roof Selector)
(2)	U68 ROOF PANELS: Removable Glass
(2)	UN3 SEAT, POWER: Six-Way (Reqs 55/45 Seat) (Driver's Side only)
—	U81 SPEED CONTROL, ELECTRONIC: With Resume Speed (w/LF9 Eng Reqs C60 Air)
—	U73 STEERING WHEEL: Comfortilt
(4)	U75 STRIPING, PIN: Body (N/A D84 Paint) (Refer to Page 6 for Stripe Color Application)
—	... SUSPENSION EQUIPMENT: _____ Suspension, Heavy-Duty Front and Rear (N/A F41 Susp) _____ Suspension, Sport (Reqs QHY Tires) (N/A LF9 Eng)
—	CC1 TIRES: (B/W: Blackwall, W/S: White Stripe)
—	AG9 Steel Belted Radial Ply _____ P195/75 R-14 B/W (Base) _____ P195/75 R-14 W/S _____ P205/70 R-14 W/S (Reqs F41 Susp)
(2)	K34 TRUNK OPENER, POWER
(2)	N33 WHEEL COVER LOCKING PACKAGE: (Reqs N95 Wheel Covers)
—	D85 WHEEL TRIM: _____ Wheels, Aluminum _____ Wheels, Wire _____ Wheels, Rally
—	F40 WINDOWS, POWER
—	F41 WINDSHIELD WIPER SYSTEM: Intermittent (w/D55 Console Reqs N33 Steering)
(1)	QMW
(4)	QMX
(4)	QHY
(4)	A90
(4)	N18
(4)	N90
(2)	N95
(3)	ZJ7
(3)	A31
(3)	CD4

# MONTE CARLO SS

## COLOR AND TRIM SELECTION

Interior Trim Color		Dk Blue White	Blue
MODEL	SEAT TYPE		
1GZ37 Z65	Cloth Bench ..... Cloth Bucket .....	CSS1	CDD1 CDD2

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

L=Lower      U=Upper

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

ENGINE OPTION CONDITION	AXLE RATIO
	3.42
<b>WITH NA5 STANDARD EMISSIONS</b>	
B4V	Std
<b>WITH YF5 CALIFORNIA EMISSIONS</b>	
B4V	Std

# MONTE CARLO SS

REFER WEEKLY STOPS/LATEST UPDATE

**MODEL**  
 1GZ37/Z85/ Monte Carlo SS Sport Coupe  
 Z65 SS (Incls Special Instrumentation  
 w/Tachometer, Sport Suspension, Rear  
 Spoiler, Special Rally Wheels, Sport  
 Mirrors, Sport Steering Wheel and  
 P215/65 R-15 White Lettered Radial  
 Tires)

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

**STANDARD EMISSION EQUIPMENT—REQUIRES N45 (Also  
 Satisfies High Altitude Requirements)**  
 B4V 5.0 Liter 4 BBL V8 (High Output)

**CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5**  
 B4V 5.0 Liter 4 BBL V8 (High Output)

**EMISSION SYSTEMS: MUST ORDER ONE (See Above)**

N45 Standard Emission Equipment  
 YF5 California Emission Requirements

## QUICK-SPEC

		M	M	M
		Z	Z	Z
		A	A	A
		1	2	3
SS	Z85	x	x	x
Air Conditioning	C60	x	x	x
Console (Reqs Bucket Seats)	D55	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	K34	x	x	x
Steering Wheel, Comfortit	N33	x	x	x
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
Battery, Heavy-Duty	UA1			x
Door Lock System, Power	AU3			x
Headlamps, Halogen Hi-Beam	TT5			x
Trunk Opener, Power	A90			x

## PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
(1)	C60 AIR CONDITIONING
✓	G80 AXLE, REAR: Limited Slip Differential
(3)	UA1 BATTERY, HEAVY-DUTY
(1)	D55 CONSOLE: (Reqs Bucket Seats) (w/CD4 Wipers Reqs N33 Steering)
(2)	C49 DEFOGGER, REAR WINDOW: Electric
(3)	AU3 DOOR LOCK SYSTEM, POWER
(1)	B37 FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear
(1)	A01 GLASS, TINTED: All Windows
(3)	TT5 HEADLAMPS, HALOGEN HI-BEAM
—	K05 HEATER, ENGINE BLOCK: (Recommended for use in Cold Climate Areas)
(2)	TR9 LIGHTING, AUXILIARY
(2)	D68 MIRRORS: Sport, Twin Remote
—	B3W PRELIMINARY PRICE INFORMATION
—	RADIO EQUIPMENT:
—	—AM Radio
—	U69 —AM/FM Radio
(1)	U58 —AM/FM Stereo Radio
(2)	UN3 —AM/FM Stereo Radio w/Stereo Cassette Tape
—	U81 —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)
(1)	K34 SPEED CONTROL, ELECTRONIC: With Resume Speed
(1)	N33 STEERING WHEEL: Comfortit
(3)	A90 TRUNK OPENER, POWER
(2)	A31 WINDOWS, POWER
(2)	CD4 WINDSHIELD WIPER SYSTEM: Intermittent (w/D55 Console Reqs N33 Steering)

# MONTE CARLO

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

### INTERIOR TRIM COLOR

EXTERIOR PAINT COLOR	DARK BLUE	DARK BROWN	FERN	MAROON	SAND GRAY
BEIGE 59 Stripe		R DK BROWN		A DK MAROON	
BLACK 19 Stripe				R LT MAROON	R 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			
FERN, DARK (MET) 48 Stripe			R LT FERN		
FERN, LIGHT (MET) 42 Stripe			R DK FERN		
MAROON, DARK (MET) 78 Stripe				R LT MAROON	A LT MAROON
MAROON, LIGHT (MET) 73 Stripe				R DK MAROON	A DK MAROON
SILVER, BRIGHT (MET) 17 Stripe	R DK BLUE			R DK MAROON	R SAND GRAY
WHITE 11 Stripe	R DK BLUE	R DK BROWN	R LT FERN	R DK MAROON	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.

14A=Lt Sand Gray;17A=Sand Gray;  
22A=Lt Blue;25A=Dk Blue;42A=Lt Fern;  
48A=Dk Fern;55A=Gold;62A=Lt Brown;  
65A=Dk Brown;72A=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	Lt 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	Dk Maroon (Met) 78M	Gold/Maroon
White	11	11	—	Br Silver (Met) 17M	Sand Gray/White

L = Lower U = Upper

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

Car Line MONTE CARLO-EI CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) \_\_\_\_\_

**Car Models**

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load—Kilograms (Pounds)
Rear Wheel Drive		Model Number	Front/Rear		
Monte Carlo 2-Door Coupe		1GZ37	3	3	73.1 (161.2)
Monte Carlo "SS" 2-Door Coupe		1GZ37 w/Z65	3	3	73.1 (161.2)
EI Camino 2-Door Sedan Pick-up		1GW80	3	-	362.9 (800.0)

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



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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

**Power Terms** (Indicate whether standard or optional)

SAE J1349 Net bhp (brake horsepower) and net torque connected to 77° F/25° C and 29.81 in. Hg/100 Kpa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					E R R O R S /D	TRANSMISSION TRANSAXLE	AXLE RATIO (incl. first)	
	Displ. Liters (in <sup>3</sup> )	Ccarb. (Barrels, Fl. etc.)	Compr Ratio	SAE Net at RPM				BASE	OPT
				kW (bhp)	Torque N - m (lb. ft.)				
Base All exc. Calif. Monte Carlo El Camino	V6 3.8Liter (229CID) LC3	2	8.6:1	82 (110) @ 4000	258 (190) @ 1600	S	Auto '250c'- Base Auto '200-4R' Opt. *	2.41:1	2.73:1
Base-Calif. Monte Carlo El Camino	V6 (231CID) LD5	2	8.0:1	82 (110) @ 3800	258 (190) @ 1600	S	Auto '250c'- Base (Auto '200c' @)	2.41:1	---
Avail All exc. Calif. Monte Carlo	V8 5.0Liter (305CID) LG4	4	8.6:1	112 (150) @ 4000	325 (240) @ 2400	S	Auto '250c'- Base	2.29:1	2.73:1
El Camino							Auto '200-4R- Opt.	2.73:1	
Avail Calif. Only Monte Carlo							Auto '250c'- Base	2.41:1	3.08:1
El Camino							Auto '250c'- Base	2.29:1	--
							Auto '200-4R- Opt.	2.73:1	--
Avail. All Monte Carlo SS (RPO Z65) Base	V8 5.0Liter (305CID) L69 HO	4	9.5:1	134 (180) @ 4800	315 (235) @ 3200	D	Auto '350c'- Base Auto '200-R4- Opt. %	3.42:1	---
Avail. All exc. Calif. Monte Carlo, El Camino	V8 5.7Liter (350CID) Diesel LF9	Fuel Inj.	22.1:1	78 (105) @ 3200	271 (200) @ 1600		Auto '200c'- Base Auto '200-4R- Opt. *	2.29:1	2.73:1
* - Not available on El Camino @ - Manufacturing option % - Interim availability - except California									

*Typo; Should be 12/20  
225 / Jim  
Walker  
Eng Group*

**SAE J1336 SPECIFICATIONS FORM**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO - LE CAMEL  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

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 - GENERAL**

Type & description (inline, V, angle, flat location, front, mid, rear, transverse, longitudinal, conc, conv, hemi, wedge, pre-camber, etc.)	90°V Front Longitudinal		
No of cylinders	6		
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 <sup>3</sup> )	Not Applicable		
Head gasket thickness (compressed)	.533 (.021)		
Minimum combustion chamber total volume (cm <sup>3</sup> )	Not Available	87.6 (5.35)	Not Available
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 & mass, g (weight, oz.) piston	Cast aluminum alloy 502 (17.7)
---	-----------------------------------

**Engine - Camshaft**

Location	In block above crankshaft		
Material (kg, weight, lbs)	Cast alloy iron		
Drive type	Chain/belt	Chain	
	Width/pitch	15.87(.625)/12.7(.500)	22.23(.875)/9.53(.375) 15.87(.625)/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.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69 HO	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, conc. conc, etc., hemi, wedge, pre-camber, etc.)	90° V Front Longitudinal	
No. of cylinders	8	
Bore	94.92 (3.736)	103.05 (4.057)
Stroke	88.39 (3.48)	85.98 (3.385)
Bore spacing (c/1 to c/1)	111.8 (4.40)	117.5 (4.625)
Cylinder block material	Cast alloy iron	
Cylinder block deck height	229.2 (9.025)	237.0 (9.330 +/- .005)
Deck clearance (minimum) (above or below block)	0.25 below	.46 (.018 above)
Cylinder head material	Cast alloy iron	
Cylinder head volume (cm <sup>3</sup> )	Not Applicable chamber 74cc.	21.48 (1.311 in. <sup>3</sup> )
Head gasket thickness (compressed)	.533 (.021)	1.17-1.22 (.046-.048)
Minimum combustion chamber total volume (cm <sup>3</sup> )	Not Available	33.41 (2.039 in. <sup>3</sup> )
Cyl no system (front to rear)*	L Bank	1-3-5-7
	R Bank	2-4-6-8
Firing order	1-8-4-3-6-5-7-2	
Recommended fuel (leaded, unleaded, diesel)	Unleaded	Diesel fuel #2 (above 20°F) Diesel fuel #2 (below 20°F)
Fuel antiknock index (R + M) 2	87	Not Available
Total dressed engine mass (wt) dry**	--	#315.3 (695.1, 328.9 (725.1)

**Engine - Pistons**

Material & mass, g (weight, oz.) piston	Cast aluminum alloy 502 (17.7)	Aluminum alloy 796.3 (28.08)
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**Engine - Camshaft**

Location	In block above crankshaft	
Material (kg, weight, lbs)	Cast iron	Steel backed Moraine 100 5.140 (11.33)
Drive type	Chain/belt	chain
	Width/pitch	15.87 (.625)/12.7 (.500)
		Gear to gear: direct drive 14.48 (.570)/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.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	3.8L V6 (229 CID) 2-Bbl. Carburetor RPO 1C3	3.8L V6 (231 CID) 2-Bbl. Carburetor RPO 1D5	5.0L 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 & 1038 cast steel	.680 (1.500) Cast arma steel	.662 (1.460) 1037 or 1038 cast steel
-------------------------------------	--	---------------------------------	---

**Engine - Crankshaft**

Material	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 c/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	
	Opening pressure (kPa (psi))	Not
Pre-chamber design		
Fuel injection pump	Manufacturer	Applicable
	Type	
Supplementary vacuum source (type)		
Fuel heater (yes/no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler		
Oil filter		

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	5.7 Liter V8 (350 CID) Fuel Injection (Diesel) RPO LF9
---	--	--

**Engine - Valve System**

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

**Engine - Connecting Rods**

Material & mass (kg., weight, lbs.)	1037 or 1038 cast steel .388 (0.8)	Steel SAE 1140 mod. .8365 (1.8)
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**Engine - Crankshaft**

Material	Nodular cast iron	
Mass (kg., weight, lbs.)	23.4 (51.6)	26.333 (58.05)
End thrust taken by bearing (no.)	5	3

**Engine - Lubrication System**

Normal oil pressure (kPa (psi) at engine rpm)	345-448 (50-65) @ 2000	207-310 (30-45) @ 1500
Type oil intake (floating, stationary)	Stationary	Stationary
Oil filter system (full flow, part, other)	Full flow	Full flow
Capacity of c/case, less filter-refill-L (qt.)	4.5 (5.0)	Service w/filter 6.6 (7.0)

**Engine - Diesel Information**

Glow plug, current drain at 0°F	24 amps	
Injector nozzle	Type	Poppet
	Opening pressure (kPa (psi))	Not
Pre-chamber design	Applicable	Side exit
Fuel injection pump	Manufacturer	Stanadyne
	Type	DB2
Supplementary vacuum source (type)	V-Belt driven pump	
Fuel heater (yes/no)	Yes	
Water separator, description (std., opt.)	Not Available	
Turbo manufacturer	"	
Oil cooler	Integral with radiator	
Oil filter	--	

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Code  
 Engine Code

3.8 Liter V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 Liter V6 (231 CID) 2-Bbl. Carburetor RPO LD5
--	--

**Engine - Cooling System**

Coolant recovery system (std., opt., n.a.)		Standard						
Coolant fill location (rad., bottle)		Bottle, coolant recovery						
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)						
Circulation thermostat	Type (choke, bypass)	Choke						
	Starts to open at °C (°F)	91 (195)						
Water pump	Type (centrifugal, other)	Centrifugal						
	GPM 1000 pump rpm	14	22					
	Number of pumps	One						
	Drive (V-belt, other)	V-belt						
Bearing (type)		Sealed double row ball						
By-pass recirculation (type (inter., ext.))		Internal	External					
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow, copper-brass, high efficiency radiator						
Cooling system capacity	With heater—L(qt.)	14.32 (15.14)	11.73 (12.40)					
	With air cond.—L(qt.)	14.45 (15.27)	11.50 (12.15)					
	Opt. equipment (specify—L(qt.))	14.55 (15.38)	11.60 (12.26)					
Water jackets full length of cyl. (yes, no)		Yes						
Water all around cylinder (yes, no)		Yes						
Radiator core	Std. A/C, H/D	Std.	A/C or H.D.	A/C & H.D.	Std.	A/C	H/D	A/C & H/D
	Width	528.3	S	S	S	S	S	S
	Height	429.7	S	S	S	S	S	S
	Thickness	25.0	25.0	S	S	S	S	S
	Fins per inch (*)	4.5	3.5	3.0	6.0	(1)	(2)	(3)
Fan	Std. elec. opt.	Std.		A/C		Std.		
	Number of blades & type (flex. solid, material)	4, Steel, solid	5, Steel, solid	5, Aluminum, solid				
	Diameter & projected width	482.6(19.0)	482.6(19.0)	508.0(20.0)				
	Ratio (fan to crankshaft rev.)	.95:1	1.08:1	1.13:1				
	Fan cutout type	--	Clutch	Clutch				
	Drive (type (direct, remote))	V-Belt	V-Belt	V-Belt				
	RPM at idle (elec.)	--	--	--				
	Motor rating (wattage) (elec.)	--	--	--				
	Motor switch (type & location) (elec.)	--	--	--				
	Switch point (temp., pressure) (elec.)	--	--	--				
Fan shroud (material)	Plastic	Plastic	Plastic					

(\*) - Distance between top of fins.

- (1) - 5.0 for Monte Carlo, 4.5 for El Camino
- (2) - 4.5 for Monte Carlo, 4.0 for El Camino.
- (3) - 3.5 for Monte Carlo, 3.0 for El Camino

**IVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO LG4	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69 H0
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**Engine - Cooling System**

Coolant recovery system (std., opt., n.a.)		Standard				
Coolant fill location (rad., bottle)		Bottle, coolant recovery				
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)				
Thermostat	Type (choke, bypass)	Choke				
	Starts to open at °C (°F)	91 (195)				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM 1000 pump rpm	14				
	Number of pumps	One				
	Drive (V-belt, other)	V-belt				
Bearing (type)		Sealed double row ball				
Circulation (type (inter., ext.))		Internal				
Radiator core (type (cross-flow vertical slular tube and fin, other) and material)		Cross flow, copper-brass, high efficiency radiator				
Cooling system capacity	With heater—L(qt.)	15.53 (16.42)		15.03 (15.89)		
	With air cond.—L(qt.)	15.03 (15.89)		15.83 (16.73)		
	Opt. equipment (specify—L(qt.))	15.13 (15.99)@		--		
Water jackets full length of cyl. (yes, no)		Yes				
Water all around cylinder (yes, no)		Yes				
Radiator core	Std. A/C, HD	Std.	A/C or H/D	A/C	Std.	A.C.
	Width	668.0	S	S	668.0	668.0
	Height	429.0	429.7	(6)	429.7	429.7
	Thickness	25.0	S	(7)	25.0	40.2
	Fins per inch (*)	(4)	(5)	(8)	3.0	4.0
Fan	Std., elec. opt	Std.	A/C		Std.	A/C
	Number of blades & type (flex. solid, material)	4, Steel, solid%	5, Steel, solid+	5, Steel, solid	7, Alum., solid	
	Diameter & projected width	482.6(19.0)	482.6(19.0)	482.6(19.0)	482.6(19.0)	
	Ratio (fan to crankshaft rev.)	.95:1	1.08:1	1.10:1	1.25:1	
	Fan cutout type	--	Clutch	Clutch	Clutch	
	Drive (type (direct, remote))	V-Belt	V-Belt	V-Belt	V-Belt	
	RPM at idle (elec.)	--	--	--	--	
	Motor rating (wattage) (elec.)	--	--	--	--	
	Motor switch (type & location) (elec.)	--	--	--	--	
	Switch point (temp., pressure) (elec.)	--	--	--	--	
Fan shroud (material)	Plastic	Plastic	Plastic	Plastic		

- (\*) - Distance between top of fins.
- + - 7 blades, Aluminum with heavy duty radiator (RPO-V08).
- @ - 15.83 with A/C and heavy duty radiator.
- % - 5 blades and clutch with 2.73 or 3.08 rear axle.

- (4) - 4.5 for 49 states, 4.0 for California.
- (5) - 3.5 for 49 states, 3.0 for California.
- (6) - 431.0 for 49 states, 429.7 for California.
- (7) - 49.8 for 49 states, 40.2 for California.
- (8) - 5.1 for 49 states, 4.0 for California.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (°) 9-83

Engine Description/Carb.  
 Engine Code

5.7 Liter V8 (350 CID)  
 Fuel Injection Diesel  
 RPO LF9

**Engine - Cooling System**

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle, coolant recovery	
Radiator cap relief valve pressure [kPa (psi)]		103.4 (15.0)	
Circulation thermostat	Type (choke, bypass)	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)	V-belt	
	Bearing (type)	Sealed double row ball	
By-pass recirculation (type (inter., ext.))		External	
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow, copper-brass, high efficiency radiator	
Cooling system capacity	With heater—L/qt)	17.46 (18.46)	
	With air cond.—L/qt)	17.42 (18.41)	
	Opt. equipment (specify—L/qt)	17.52 (18.52), (H.D.)	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator core	Std., A/C, HD	Std.	A.C. OR H.D.
	Width	668.0	668.0
	Height	429.7	429.7
	Thickness	40.2	40.2
	Fins per inch (*)	4.0	3.0
Std. elec. opt.		Std.	A/C
Fan	Number of blades & type (flex, solid, material)	5, Aluminum, solid	5, Aluminum, solid +
	Diameter & projected width	482.6(19.0)	482.6(19.0)
	Ratio (fan to crankshaft rev.)	1.22:1	1.30:1
	Fan cutout type	Clutch	Clutch
	Drive (type (direct remote))	V-Belt	V-Belt
	RPM at idle (elec.)	--	--
	Motor rating (wattage) (elec.)	--	--
	Motor switch (type & location) (elec.)	--	--
	Switch point (temp., pressure) (elec.)	--	--
	Fan shroud (material)	Plastic	Plastic

(\*) - Distance between top of fins.

+ - 7 blades, Aluminum with heavy duty radiator (RPO-V08).



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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	3.8 L V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8 L V8 (231 CID) 2-Bbl Carburetor RPO LD5	5.0 L V8 (305 CID) 4-Bbl. Carburetor RPO LG4
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**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	
		Automatic	Automatically controlled-no adjustment	500 RPM (Drive)
Idle A/F mix		Preset-no adjust provided	Preset-no adjust provided	
Fuel injection	Point of injection (no.)	--		
	Constant pulse flow	--		
	Control (electronic, mech.)	--		
	System pressure (kPa (psii))	--		
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 RF engine	Lower LF engine	Lower RF engine
	Pressure range (kPa (psii))	31-41 (4.5-6.0)	29-40 (4.25-5.75)	38.0-48.5

**Fuel Tank**

Capacity (refill) (L (gallons))		68.5 (18.1) Monte Carlo	67.0 (17.7) El Camino	
Location (describe)		Rear center-underbody		
Attachment		Underbody strap		
Material		Steel #1008 or 1010 GM-124-M		
Filler pipe	Location & material	Monte Carlo - center rear; 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	Rear center underbody		
	Attachment	Underbody straps		
Auxiliary tank	Opt. n.a	Not Available		
	Capacity (L (gallons))	"		
	Location & material	"		
	Attachment	"		
	Selector switch or valve	"		
	Separate fill	"		

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	5.7 Liter V8 (350 CID) Fuel Injection Diesel RPO LF9
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**Engine - Fuel System** (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Carburetor	Fuel Injection	
Carburetor	Migr.	Rochester	--	
	Choke (type)	Electric	--	
	Idle spd-rpm (spec neutral or drive and propane if used)	Manual	Not available	--
		Automatic	600 RPM (Drive)	--
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		Exhaust	Not Available	
Air cleaner type	Standard	Replaceable paper element	Oil wetted paper element	
	Optional	None	None	
Fuel pump	Type (elec or mech.)	Mechanical	Mechanical - pump & timer	
	Location (eng. tank)	Lower right front	Center 'V', front & engine	
	Pressure range (kPa (psi))	51.7-62.1 (7.5-9.0)	37.92-44.82 (5.5-6.5)	

**Fuel Tank**

Capacity (metric L (gallons))		68.5 (18.1) Monte Carlo, 67.0 (17.7) El Camino Diesel*
Location (describe)		Rear center underside
Attachment		Underbody straps - Two
Material		Steel
Filler pipe	Location & material	Monte Carlo-rear; El Camino-Left rear quarter panel
	Connection to tank	Solid Solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Extended range tank	Opt. n.a.	Optional
	Capacity L (gallons)	83.3 (22.0) opt, El Camino, gasoline engines only
	Location & material	Rear center underside
	Attachment	Underbody straps - Two
Auxiliary tank	Opt. n.a.	Not Available
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
	Selector switch or valve	"
Separate fill		"

\*-Diesel; Monte Carlo 75.0 (19.8), El Camino 83.3 (22.0)

**IVMA Specifications Form**  
**Passenger Car**  
**ETRIC (U.S. Customary)**

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

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

Air Injection	Type (air injection, engine modifications, other)		Air injection w/Computer Command Control		
	Pump or pulse		Vane		
	Driven by		V-Belt		
	Air distribution (head, manifold, etc.)		Exh. manifold & catalytic conv.	Exhaust pipe	Exh. manifold & catalytic conv.
Exhaust Gas Recirculation	Point of entry		Exh. manifold	Exhaust pipe	Exh. manifold
	Type (controlled flow, open orifice, other)		Pulse width modulated (#)		
	Exhaust source		Manifold exhaust crossover		
Catalytic Converter	Point of exhaust injection (spacer, carburetor, manifold, other)		Inlet Manifold		
	Type		D bed ox. & red.	S bed ox. & red.	D bed ox. & red.
	Number of		One	One	One (b)
	Location(s)		Beneath RF underbody		
	Volume (L (in <sup>3</sup> ))		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		
Vapor Emission Control	Vapor vented to (crankcase canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
	Vapor storage provision		Canister		
Electronic System	Closed loop (yes/no)		Yes		
	Open loop (yes/no)		No		

**Engine - Exhaust System**

Type (single, single with cross-over, dual, other)		Single w/crossover		
Muffler no. & type (reverse flow, straight thru, separate resonator)		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)(a)
	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.042)
	Material	Aluminum coated steel		Laminated steel tubing(c)
Tail Pipe	o.d. & wall thickness	50.8x1.09(2.0x.043)		57.15x1.39(2.25x.055)
	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

(c) Aluminum coated steel for El Camino.

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

Car Line MONTE CARLO - EL CAMINO  
Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	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)		Air injection w/Computer Command Control	Not Applicable	
	Air Injection	Pump or pulse	Vane	"	
		Driven by	V-Belt	"	
		Air distribution (head, manifold, etc.)	Exhaust pipe	"	
		Point of entry	Exhaust pipe	"	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width modulated	Variable orifice	
		Exhaust source	Manifold exhaust crossover	Intake manifold	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	Air crossover	
	Catalytic Converter	Type	Dual Bed, Oxidizing	Not Applicable	
		Number of	One & Reducing-	"	
		Location(s)	Beneath RF underbody	"	
		Volume [L (in <sup>3</sup> )]	2.78 (170)	"	
	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	Intake Manifold		
Air inlet (breather cap, other)		Carburetor Air Cleaner	Breather Cap		
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	Not Applicable	
		Carburetor	Canister	"	
	Vapor storage provision		Canister	"	
Electronic system	Closed loop (yes/no)		Yes		
	Open loop (yes/no)		NO		

**Engine - Exhaust System**

Type (single, single with cross-over, dual, other)		Dual	Single with crossover
Muffler no. & type (reverse flow, straight thru, separate resonator)		Dual mufflers	Muffler with dual tailpipes
Resonator no. & type			
Exhaust pipe	Branch o.d. wall thickness	50.8 x 1.15 (a)	50.8 x 1.07 (2.0x.042)@
	Main o.d. wall thickness	Oval, 1.82 wall thickness	63.5 x 1.07 (2.5 x .042)@
	Material	(b)	--
Inter-mediate pipe	o.d. & wall thickness	57.15 x 1.40	57.15 x 1.07 (2.25 x .042)
	Material	Aluminum coated steel	Laminated steel tubing %
Tail pipe	o.d. & wall thickness	57.15 x 1.40	44.5 x 1.4 (1.75 x .055)
	Material	Aluminum coated steel	Aluminized steel

- @ - Laminated steel tubing
- % - Outer tube aluminized for El Camino
- (a) - Right hand - left hand barrel = 50.8 x 1.02
- (b) - Laminated tubing, steel inner, stainless steel outer.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

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/Transaxle**

Annual 3-speed (std., opt., n.a.)	Not Available
Annual 4-speed (std., opt., n.a.)	"
Annual 5-speed (std., opt., n.a.)	"
Annual overdrive (std., opt., n.a.)	"
Automatic (std., opt., n.a.)	Standard
Automatic overdrive (std., opt., n.a.)	Optional

**Manual Transmission/Transaxle**

Number of forward speeds			
Transmission ratios	In first		
	In second		
	In third	Not Available	
	In fourth	Available	
	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		
Type pressure plate springs		
Total spring load (N (lb))		
No of clutch driven discs		
Clutch facings	Material	Not Available
	Manufacturer	Available
	Part number	
	Rivets/plate	
	Rivet size	
	Outside & inside dia	
	Total eff area (cm <sup>2</sup> (in <sup>2</sup> ))	
	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 - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	5.7 Liter V8 (350 CID) Fuel Injection (Diesel) RPO LF9
--	--

**Transmissions/Transaxle**

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

**Manual Transmission/Transaxle**

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

**Clutch (Manual Transmission)**

Make & type		
Type pressure plate springs		
Total spring load (N (lb))		
No. of clutch driven discs		Not Available
Clutch facing	Material	
	Manufacturer	
	Part number	
	Rivets/plate	
	Rivet size	
	Outside & inside dia	
	Total eff. area (cm <sup>2</sup> (in <sup>2</sup> ))	
	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 - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	3.8L V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8L V6 (231 CID) 2-Bbl. Carburetor RPO LD5	5.0L V8 (305 CID) 4-Bbl. Carburetor RPO LG4
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**Automatic Transmission/Transaxle** (See "Power Teams" for Transmission Usage)

Trade name	3-Speed Automatic		4-Speed Automatic
Type and special features (describe)	Torque converter with clutch '250c'		'200c'
Selector	Standard steering column		200-4R
	Location	P-R-N-D-0-2-1	
	Ltr. No designation	P-R-N-D-0-2-1	
Gear ratios	R	1.93	2.07
	D	1.00*	1.00*
	2	1.52	1.57
	1	2.52	2.74
	Overdrive	Not Available	
Max. upshift speed - drive range (km/h (mph))		1-2=72(45), 2-3=128(79.5)	
Max. kickdown speed - drive range (km/h (mph))		3-2+122(76), 2-1=64(39.7)	
Min. overdrive speed (km/h (mph))		Not Available	
Torque converter	Number of elements	3	
	Max. ratio at stall	Not Available	1.9
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (qt))	4.0L ('200c' and '250c'), 4.8L ('200-4R')	
	Type recommended	Dexron II	
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard, integral with radiator * - Converter clutch engagement	

**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 cylinder			
Lubricant	Capacity (L (qt))	1.6 (3.5)		
	Type recommended	GL-5 Gear Lubricant		
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	" "	
		Extreme cold	" "	

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

Axle ratio (or overall top gear ratio)		2.41	2.73	3.08
No. of teeth	Pinion	17	15	13
	Ring gear or gear	41	41	40
Ring gear o.d.		191 (7.5)	191 (7.5)	191 (7.5)
Transaxle	Transfer gear ratio	--	--	--
	Final drive ratio	--	--	--

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Engine Code	5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	5.7 Liter V8 (350 CID) Fuel Injection (Diesel) RPO LF9
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Automatic Transmission/Transaxle		(See "Power Teams" for Transmission Usage)	
Trade name		4-Speed Automatic	3-Speed Automatic
Type and special features (describe)		Torque converter with clutch 200-4R	'350c'
Selector	Location	Standard steering column	
	Ltr./No designation	P-R-N-D- D -2-1	P-R-N-D-2-1
Gear ratios	R	2.07	1.93
	<i>OVERDRIVE</i>	0.67*	1.00*
	D	1.00	1.52
	2	1.57	2.52
	<i>Overdrive 1</i>	2.74	Not available
Max upshift speed - drive range (km/h (mph))		Not Available	1-2=69(43), 2-3=113 (70)
Max kickdown speed - drive range (km/h (mph))		"	3-2=107(66.5), 2-1=60 (37)
Min overdrive speed (km/h (mph))		"	Not applicable
Torque converter	Number of elements	3	3
	Max ratio at stall	Not Available	1.91
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (pt))	4.0L ('350c'), 4.8L ('200-4R')	
	Type recommended	Dexron II	
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard, integral with radiator * - Converter clutch engagement	

**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	GL-5 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 top gear ratio)		2.29	3.42	3.73	2.73
No. of teeth	Pinion	21	12	11	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	--	--	--	--



**VMA Specifications Form**  
**Passenger Car**  
**Metric (U.S. Customary)**

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb. Code	3.8L V6 (229 CID) 2-Bbl. Carburetor RPO LC3	3.8L V6 (231 CID) 2-Bbl. Carburetor RPO LD5	5.0L 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	
Shaft Diameter x Length x All Spline Sizes	Manual 3-speed trans.	Not Available	
	Manual 4-speed trans.	"	
	Manual 5-speed trans.	"	
	Overdrive	"	
	Automatic transmission	Monte Carlo 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)	
Intermediate Searing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	--	
Spline Code	Type	Splined	
	Number of teeth	27	
	Spline o.d.	29.84 mm (1.174 in.)	
Universal Joints	Make and mfg. no.	Front	Saginaw 44
		Rear	Saginaw 44
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	Strap & bolt	
	Bearing	Type (plain, anti-friction)	Anti-friction
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.

# Specifications Form

## anger Car

(U.S. Customary)

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO 169	5.7 LITER V8 (350 CID) Fuel Injection Diesel RPO 1F9
--	--

### 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.	"	
	Manual 5-speed trans.	"	
	Overdrive	"	
	Automatic transmission	69.9 x 1331.5 x 1.65	63.5x1331.5x1.65 (Monte Carlo) 82.6x1560.1x1.65 (El Camino)
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	"	
Slip yoke	Type	Splined	
	Number of teeth	27	
	Spline o.d.	29.84 mm (1.174 in.)	
Universal joints	Make and mfg. no.	Front	Saginaw 44
		Rear	Saginaw 44
	Number used	1WD	
	Type (ball and trunnion, cross)	Cross	
	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.

**MA Specifications Form**  
**Passenger Car**  
**PRICE (U.S. Customary)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (°) 9-83

Type And/Or Displacement	MONTE CARLO 2-DOOR COUPE	EL CAMINO 2-DOOR PICK-UP
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**Suspension - General**

Std./opt./n.a.	Not Available	Standard (rear only)
Type (air, hyd., etc.)	"	Air shock absorbers
Manual/auto controlled	"	Manual
Control for brake dip control	Front suspension geometry	
Control for accel. squat control	Rear suspension geometry	
Special provisions for mounting	Side lift frame body bolt access holes on each side of frame at #2 & #4 body mounting-access holes.	
Type	Direct double acting, hydraulic +	
Make	Delco	
Piston diameter	25 (1.0)	
Rod diameter	13.49 (0.53)	

**Suspension - Front**

Standard description	Independent SLA	+ Higher rate shock absorbers available on 1GZ37, except Monte Carlo 'SS' with F40, standard on Monte Carlo 'SS,' /GW80 w/F41.
Full bounce	90.0 mm (3.54 in)	
Full rebound	92.0 mm (3.62 in)	
Type (coil, leaf, other)	Coil (a)	
Material	Steel alloy	
Size (coil design height & l.d., bar length x dia.)	260 x 102.9 x 2953 x 15.6	260 x 102.9 x 2733 x 16.0
Spring rate (N/mm (lb./in.))	58.0 (331.0)	64.0 (365.0)
Rate at wheel (N/mm (lb./in.))	16.7 (95.4)	18.4 (105.0)
Type (link, linkless, frameless)	Link	
Material & bar diameter	Less RPO F41-25(0.98) steel, RPO F41-32 (1.26) steel	Less RPO F41-27 (1.06) with RPO F41-28 (1.10)
	RPO F41-Std. Monte Carlo 'SS'.	

**Suspension - Rear**

Standard description	Salisbury, 4-Link	
Control arms taken through	Control arms	
Full bounce	107.0 mm (4.21 in)	
Full rebound	113.0 mm (4.45 in)	
Type (coil, leaf, other)	Coil	
Material	Steel alloy	
Size (length x width, coil design height & l.d., bar length & dia.)	254 x 139.7 x 2428 x 12.8	254 x 139.7 x 2398 x 13.5
Spring rate (N/mm (lb./in.))	20.0 (114.0)	21.9 (125.0)
Rate at wheel (N/mm (lb./in.))	20.0 (114.0)	21.2 (121.0)
Mounting insulation (type)	None	
No of leaves	--	
Shackle (comp or tens.)	--	
Type (link, linkless, frameless)	Link-included w/RPO F41 sport suspension (b)	
Material & bar diameter	Steel 22 (0.87)	
Leaf type	None	

- (a) Higher rate springs available with heavy-duty suspension (RPO F40) for 1GZ37, standard on Monte Carlo 'SS,' included with RPO F41 on 1GW80 El Camino.
- (b) Standard on Monte Carlo 'SS,' not available with El Camino.

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

Car Line MONTE CARLO-EL CAMINO  
Model Year 1984 issued 7-83 Revised (\*) 9-83

Body Type And/Or  
Engine Displacement

MONTE CARLO 2-DOOR COUPE	EL CAMINO 2-DOOR PICK-UP
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## Brakes - Service

Description		Single caliper disc front, duo-servo drum rear		
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, vacuum actuated		
Vacuum source (inline, pump, etc.)		Inline (intake manifold)		
Vacuum reservoir (volume in 3)		None		
Vacuum pump-type (elec., gear driven, belt driven, if other so state)		None		
Anti-skid device type (std., opt., n.a.) (F/R)		Not available		
Effective area [cm <sup>2</sup> (in. <sup>2</sup> )]*		615.5 (95.42)		
Gross lining area [cm <sup>2</sup> (in. <sup>2</sup> )]** (F/R)		691.6 (107.22)		
Swept area [cm <sup>2</sup> (in. <sup>2</sup> )]*** (F/R)		1985.1 (307.7)		
Rotor	Outer working diameter	F/R	266.7 (10.5)/--	
	Inner working diameter	F/R	171.5 (6.75)/--	
	Thickness	F/R	26.2 (1.03)/--	
	Material & type (vented/solid)	F/R	Cast iron, vented/--	
Drum	Diameter (nominal)	F/R	--/241 (9.5)	
	Type and material	F/R	Cast iron, finned	
Wheel cylinder bore		63.5 (2.50)/19.1 (0.75)		
Master cylinder	Bore/stroke	F/R	24.0 x 31.8 (0.94 x 1.25)/37.05 (1.46)	
Pedal arc ratio		3.5:1		
Line pressure at 445 N (100 lb) pedal load (kPa (psi))		Not Available		
Lining clearance per shoe		F/R	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		Not Available
		Material		Molded asbestos
		****	Primary or out-board	125x48.4x11.04 (4.92x1.91x.435)
	Size	Secondary or in-board	125x48.4x11.04 (4.92x1.91x.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		Not Available
		Material		Molded asbestos
****		Primary or out-board	192.5x50.8x4.98 (7.58x2.0x0.196)	
Size		Secondary or in-board	249.6x50.8x6.75 (9.83x2.0x0.266)	
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.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type And/Or  
 Engine Displacement

Monte Carlo 2-Door Coupe Coupe	El Camino 2-Door 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.)	Steel belted radial		Steel belted radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psi))	240 (35)		240 (35)	
		Rear (kPa (psi))	240 (35)		240 (35)	
	Rev./mile—at 70 km/h (45 mph)	508				
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 - M12 x 1.5					
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 right rear trunk area		El Camino-horizontal, behind passenger seat		
(*) El Camino spare tire P205/75R-14x6 wheel. Offset zero.						

**Tires And Wheels (Optional)**

Size (load range, ply)	P205/70R-14 (WW+) *	
Type (bias, radial, etc.)	Steel belted radial	
Wheel (type & material)	Rally type (RPO ZJ7)	
Rim (size, flange type and offset)	14 x 6 - zero	
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)	Cast aluminum	
Rim (size, flange type and offset)	14 x 6.5 - 6.35 mm (-0.25 in)	
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)	Monte Carlo, 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; "P" 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.

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

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type And/Or  
 Engine Displacement

Monte Carlo "SS"  
 2-Door Coupe  
 16Z37 w/Z65

**Tires And Wheels (Standard)**

<b>Tires</b>	Size (load range, ply)		P215/65R-15, WL	
	Type (bias, radial, etc.)		Steel belted radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psii))	220 (32)	
		Rear (kPa (psii))	220 (32)	
Rev /mile—at 70 km/h (45 mph)		498		
<b>Wheels</b>	Type & material		Rally type, steel	
	Rim (size & flange type)		15 x 7	
	Wheel offset		Zero	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	120.7 (4.75)	
Number & size		5 hex nuts - M12 x 1.5		
<b>Spare</b>	Tire and wheel (same, if other describe)		T155-80D16, 16 x 4 wheel	
	Storage position & location (describe)		Vertical right rear trunk area	

**Tires And Wheels (Optional)**

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)	
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 <small>(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location &amp; storage position)</small>	

**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)	--

**IVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (to) 9-83

Body Type And/Or  
 Engine Displacement

MONTE CARLO W/V6 ENGINE	EL CAMINO W/V6 ENGINE	MONTE CARLO W/V8 ENGINE	EL CAMINO W/V8 ENGINE
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**Steering**

Annual (std., opt., n.a.)		Not available				
Power (std., opt., n.a.)		Standard				
Adjustable steering wheel (2, 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 (R)	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.)	Not Available			
		Curb to curb (l. & r.)	"			
Sub Radius		"				
Annual	Gear	Type	Not Available			
		Make	"			
	Ratios	Gear	"			
		Overall	"			
No. wheel turns (stop to stop)		"				
Rear	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	16/13:1	15/13:1
			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			
Camber	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	21.047-21.4274 (01.83-0.84)			
	Thread (size)		3/4-20 UNEF-3A (modified)			
	Bearing (type)		Tapered roller			

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

Car Line MONTE CARLO-EL CAMINO  
 1984 7-83 9-83  
 Model Year 1984 Issued 7-83 Revised (°) 9-83

Body Type And/Or  
 Engine Displacement

MONTE CARLO 2-DOOR COUPE	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° (1/26" 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 M.V. inspection	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.)	Not Available
		Toe-in (outside track-mm (in.))	"
	Service reset*	Camber	"
		Toe-in	"
	Periodic M.V. inspection	Camber	"
		Toe-in	"

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

**Electrical - Instruments and Equipment**

Speed-ometer	Type	Circular dial with pointer
	Trip odometer (std., opt., n.a.)	Not Available
EGR maintenance indicator		"
Charge indicator	Type	Tell-tale warning light
	Warning device	" " "
Temperature indicator	Type	Tell-tale warning light
	Warning device	" " "
Oil pressure indicator	Type	Tell-tale warning light
	Warning device	" " "
Fuel indicator	Type	Electric gauge with pointer
	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 <sup>2</sup> (in. <sup>2</sup> ))	Monte Carlo & El Camino 6000 (930.3)
Wind-shield washer	Type (standard)	Push button
	Type (optional)	Not Available
	Fluid level indicator	"
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.



**/MA Specifications Form**  
**Passenger Car**  
**TRIC (U.S. Customary)**

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 as 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
--	--	--

**Electrical - Supply System**

Generator	Make	Delco Remy		
	Model, std., (opt.)	70-405 Std., 75-500 Opt.	70-315 Std., 75-500 Opt.	75-500 Std.
	Voltage	12 Volts		
	Amps at 0°F cold crank	405 Std., 500 Opt.	315 Std., 500 Opt.	500 Std.
	Minutes-reserve capacity	75 Std., 90 Opt.	75 Std., 90 Opt.	90 Std.
	Amp/hrs. - 20 hr. rate	--		
	Location	Engine compartment, right front		
Alternator	Type and rating	37	56	37
	Ratio (alt. crank/rev.)	2.73:1	2.70:1	
Alternator	Optional (type & rating)	None		
Regulator	Type	Micro circuit units; integral with distributor		

**Electrical - Starting System**

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

**Electrical - Ignition System**

Ignition	Conventional (std., opt., n.a.)	--		
	Electronic (std., opt., n.a.)	--		
	Other (specify)	High Energy Ignition (HEI)		
Distributor	Make	Delco Remy		
	Model	Integral with distributor		
	Current	Engine stopped - A	--	
		Engine idling - A	--	
Spark	Make	AC		
	Model	R45TS	R45TS8	R45TS
	Thread (mm)	14x1.25		
	Tightening torque [N-m (lb. ft.)]	9-20 (7-15)		
	Gap	1.143 (.045)	2.03 (0.080)	1.143 (.045)
Distributor	Make	Delco Remy		
	Model	1110584		

**Electrical - Suppression**

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.
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**MVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO - EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Engine Description/Carb.  
 Engine Code

5.0 Liter V8 (305 CID) 4-Bbl. Carburetor RPO L69	5.7 Liter V8 (350 CID) Fuel Injection Diesel RPO LF9
--	--

**Electrical - Supply System**

Battery	Make	Delco Remy	
	Model, std. (opt.)	70-405 Std. 75-500 Opt.	70-405 Std., 78-550 Opt.
	Voltage	12 Volts	
	Amps at 0°F cold crank	405 Std., 500 Opt.	810 Std.*, 1100 Opt.*
	Minutes-reserve capacity	75 Std., 90 Opt.	150 Std.*, 230 Opt.*
	Amp/hrs. - 20 hr. rate	--	
	Location	Engine compartment, right front	
Generator or alternator	Type and rating	37	66
	Ratio (alt. crank/rev.)	2.70:1	2.80:1
	Optional (type & rating)	None	
Regulator	Type	Micro circuit units; integral with distributor	

**Electrical - Starting System**

Start. motor	Current drain at	390 @ -20°F	800 amps* @ -20°F
	Engagement type	Positive shift solenoid	
Motor drive	Pinion engages from (front, rear)		Front

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

**Electrical - Ignition System**

Type	Conventional (std., opt. n.a.)	--		
	Electronic (std., opt. n.a.)	--		
	Other (specify)	High Energy Ignition (HEI)	Not	
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	1.14 (0.045)		
Distributor	Make	Delco Remy		
	Model	1103460		

**Electrical - Suppression**

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

**AVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type

MONTE CARLO 2-DOOR COUPE	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
Latch lock lid	Type (counterbalance, other)	Not applicable
	Internal release control (elec, mech, n.a.)	Not applicable
Jumper front	Bar material & mass (wt.)	1GZ37 Urethane 12.033(26.5), 1GW80 steel 15.763(34.7)
	Reinforcement material & mass (wt.)	1GZ37 None, 1GW80 steel 3.748 (8.3)
Jumper rear	Bar material & mass (wt.)	1GZ37 Urethane 12.038(26.5), 1GW80 steel 9.299(20.5)
	Reinforcement material & mass (wt.)	1GZ37 None, 1GW80 steel 9.986 (22.0)
Front window control (crank, action, pivot, power)	Front	None
	Rear	None
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	

**Frame**

Type and description (separate frame, unitized frame, partially-unitized frame)

Full frame, perimeter type

**Glass**

Backlight slope angle (deg.)	H121	33.0°	20.0°
Windshield slope angle (deg.)	H122	58.5°	
Umbrella-Horns (deg.)	W122	23.0°	
Windshield glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S1	8786 (1361.8)	
Side glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S2	9061 (1404.5)	6944 (1076.3)
Backlight glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S3	4363 (676.3)	3314 (513.7)
Total glass exposed surface area [cm <sup>2</sup> (in <sup>2</sup> )]	S4	22210 (3442.6)	19044 (2951.8)
Windshield glass (type)		Curved - laminated plate	
Side glass (type)		Curved - tempered plate	
Backlight glass (type)		Curved - tempered plate	

# MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*)           

<b>Body Type</b>	<b>SAE Ref. No.</b>	MONTE CARLO 2-DOOR COUPE	EL CAMINO 2-DOOR PICK-UP
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## Restraint System

<b>Active restraint system</b>	Standard/optional	Standard
	Type and description	3 POINT shoulder and lap belt for driver and front pass. Lap belt for all other positions.
	Location	Monte Carlo, front-(3); rear-(3); El Camino, front-(3) only.
<b>Passive seat belts</b>	Standard/optional	Not available
	Power/manual	--
	2 or 3 point	--
	Knee bar/lap belt	--

**IVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type	MONTE CARLO 2-DOOR COUPE	EL CAMINO 2-DOOR PICK-UP
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**Convenience Equipment**

Power windows	Side windows	Optional
	Vent windows	Not Available
	Backlight or tailgate	"
Rear seats (specify type as all as availability)		Optional - 6-way 55/45 power bench seat, power drivers seat only, Monte Carlo Coupe only.
Reclining front seat back (r-l or both)		Included with bucket seats only, left & right.
Radio (specify type as all as availability)		Optional - AM/pushbutton, AM/FM pushbutton, AM/FM stereo, AM/FM stereo w/cassette tape (a).
Premium sound system (specify)		Not Available
Car seat speaker		Optional, not available with El Camino
Power antenna		Optional, Monte Carlo Coupe only
Lock		Optional
Air conditioner (specify type)		Optional - "Four Season" manual control
Speed warning device		Not Available
Speed control device		Optional
Ignition lock lamp		Not Available
Home lamp		Standard
Glove compartment lamp		Standard
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Standard
Fap lamp		Not Available
Cornering lamp		Optional, Monte Carlo Coupe only (T87)
Rear window defroster electrically heated		Optional, not available with El Camino
Rear window defogger		Not Available
T-bar roof (describe)		Optional, Monte Carlo Coupe only.
Sun roof (describe)		Not Available
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, not available on El Camino.

# MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO-EL CAMINO  
Model Year 1984 Issued 7-83 Revised (\*) 9-83

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.  
J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE 1GZ37	MONTE CARLO 'SS' 2-DOOR COUPE 1GZ37 W/Z65	EL CAMINO 2-DOOR PICK-UP 1GW80
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## Width

	W101	1486 (58.5)		
Tread (front)	W101	1486 (58.5)		
Tread (rear)	W102	1467 (57.8)		
Vehicle width	W103	1824 (71.8)		1826 (71.9)
Body width at Sg RP (front)	W117	1784 (70.2)		1776 (69.9)
Vehicle width (front doors open)	W120	3989 (157.0)		4002 (157.6)
Vehicle width (rear doors open)	W121	--		

## Length

	L101	2745 (108.0)		2974 (117.1)
Wheelbase	L101	2745 (108.0)		2974 (117.1)
Vehicle length	L103	5090 (200.4)	5141.5 (202.4)	5121 (201.6)
Overhang (front)	L104	1077 (42.4)	1128.5 (44.4)	915 (36.0)
Overhang (rear)	L105	1268 (49.9)	1268.0 (49.9)	1232 (48.5)
Upper structure length	L123	2305 (90.7)		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	**		
Tyrek/cargo load		**		
Vehicle height	H101	1382 (54.4)	1396 (55.0)	1408 (55.4)
Cowl point to ground	H114	976 (38.4)	990 (39.0)	985 (38.8)
Deck point to ground	H138			
Rocker panel-front to ground	H112	224 (8.8)	238 (9.4)	232 (9.1)
Bottom of door closed-front to grd.	H133	265 (10.4)		269 (10.6)
Rocker panel-rear to ground	H111	225 (8.8)	238 (9.4)	245 (9.6)
Bottom of door closed-rear to grd	H135	--		

## Ground Clearance \*\*

Front bumper to ground	H102	319 (12.5)	345 (13.6)	349 (13.7)
Rear bumper to ground	H104	347 (13.7)	361 (14.2)	357 (14.1)
Bumper to ground (front at curb mass (wt.))	H183	339 (13.3)	362 (14.3)	370 (14.6)
Bumper to ground (rear at curb mass (wt.))	H105	366 (14.4)	378 (14.9)	371 (14.6)
Angle of approach	H106	19.3°	30.6°	23.3°
Angle of departure	H107	15.9°	14.5°	17.2°
Ramp breakover angle	H147	14.4°	15.70°	14.5°
Rear axle differential to ground	H153	172 (6.8)		180 (7.1)
Min. running ground clearance	H156	137 (5.4)	151 (6.0)	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.

# VMA Specifications Form

## Passenger Car

SAE (U.S. Customary)

Interior and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Vehicle Type

SAE Ref. No.	MONTE CARLO 2-DOOR COUPE 16Z37	MONTE CARLO 'SS' 2-DOOR COUPE 16Z37 W/Z65	EL CAMINO 2-DOOR PICK-UP 1GW80
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### Front Compartment

RP front "X" coordinate	L31	1088 (42.8)	
Active head room	H61	956 (37.6)	
Effective leg room (accelerator)	L34	1086 (42.8)	
RP (front to heel)	H30	228 (9.0)	
Sign H-point front travel	L17	172 (6.8)	
Shoulder room	W3	1430 (56.3)	1440 (56.7)
Foot room	W5	1313 (51.7)	
Door body opening to ground	H50		
Steering wheel angle	H18	19.5°	
Steering column angle	L40	26.5°	

### Rear Compartment

RP Point couple distance	L50	817 (32.2)	--
Active head room	H63	961 (37.8)	--
Effective leg room	L51	928 (36.5)	--
RP (second to heel)	H31	262 (10.3)	--
Head clearance	L48	52 (2.0)	--
Shoulder room	L3	682 (26.9)	--
Shoulder room	W4	1419 (55.9)	--
Foot room	W6	1394 (54.9)	--
Door body opening to ground	H51	--	--

### Luggage Compartment

Available luggage capacity [L (cu. ft.)]	V1	458 (16.2)		1005.4 (35.5)
Over height	H195	620 (24.4)	635 (25.0)	641 (25.3)

Linear dimensions are in millimeters (inches).

\* EPA Loaded Vehicle Weight, Loading Conditions

† 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-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE 16Z37	MONTE CARLO 'SS' 2-DOOR COUPE 16Z37 W/Z65	EL CAMINO 2-DOOR PICK-UP 16W80
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**Station Wagon - Third Seat**

Shoulder room	W85	Not
Hip room	W86	Applicable
Effective leg room	L88	
Effective head room	H88	
Effective T-point head room	H89	
Seat facing direction	SD1	

**Station Wagon - Cargo Space**

Cargo length (open front)	L200	
Cargo length (open second)	L201	Not
Cargo length (closed front)	L202	Applicable
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Triglate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index [m <sup>3</sup> (ft. <sup>3</sup> )]	V2	
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	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 [m <sup>3</sup> (ft. <sup>3</sup> )]	V3	
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	V4	

**Aerodynamics\***

Wheel lip to ground, front	Not Available
Wheel lip to ground, rear	"
Frontal area	"

\* Describe measurement method.

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).



# MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) 9-83

Body Type	MONTE CARLO 2-DOOR COUPE 1GZ37	MONTE CARLO 'SS' 2-DOOR COUPE 1GZ37 W/Z65	EL CAMINO 2-DOOR PICK-UP 1GW80
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## Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location			
Front	X - Fiducial mark to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.			
	Y - Fiducial mark to centerline of car-front, width measurement made from centerline 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.			
Fiducial Mark Number				
Front	W21	564.0 ( 22.0)		
	L54	2761.0 (108.7)		
	HB1	490.0 ( 19.3)		
	H161	341.5 ( 13.4)	353.3 (13.9)	350.1 ( 13.8)
	** H163	322.0 ( 12.6)	336.2 (13.2)	331.8 ( 13.1)
Rear	W22	534.0 ( 21.0)		586.0 ( 23.1)
	L55	5338.0 (210.2)		5650.0 (222.4)
	HB2	617.0 ( 24.3)		671.0 ( 26.4)
	H162	468.0 ( 18.4)	480.1 (18.9)	546.6 ( 21.5)
	** H164	449.2 ( 17.7)	463.7 (18.3)	532.7 ( 21.0)

\* 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-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) \_\_\_\_\_

Body Type	SAE Ref. No.	MONTE CARLO 2-DOOR COUPE 1G737	MONTE CARLO 'SS' 2-DOOR COUPE 1G737 W/765	EL CAMINO 2-DOOR PICK-UP 1GW80
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**Lamps and Headlamp Shape\***

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	692 (27.3)	688 (27.1)	689 (27.1)
		Lowest	678 (26.7)	688 (27.1)	676 (26.6)
	Taillamp (H128)	Highest**	802 (31.6)	814 (32.1)	441 (17.4)
		Lowest	702 (27.7)	714 (28.1)	--
	Sidemarker	Front	415 (16.4)	427 (16.8)	658 (25.9)
		Rear	397 (15.6)	409 (16.1)	435 (17.1)
Distance from C/L of car to center of bulb	Headlamp	Inside	542.0 (21.3)	489 (19.3)	520 (20.5)
		Outside**	718.0 (28.3)	669 (26.3)	695 (27.4)
	Taillamp	Inside	--		
		Outside**	741.5 (29.2)		637.5 (25.1)
	Directional	Front	609.5 (24.0)		525.5 (20.7)
		Rear	741.5 (29.2)		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)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) \_\_\_\_\_

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight, lb)			
	Front	Rear	Total	
Six-way Power Seat RPO-AG9	2.8 (6.2)	2.4 (5.3)	5.2 (11.5)	All Monte Carlo Coupes with 55/45 only.
55/45 Front Seat RPO-AM6	1.8 (4.0)	2.6 (5.7)	4.4 (9.7)	All Monte Carlo Coupes (not available with Monte Carlo 'SS').
	2.0 (4.4)	2.4 (5.3)	4.4 (9.7)	El Camino
Bucket Seats-Includes Driver & Passenger Recliners RPO-AR9	3.0 (6.6)	3.6 (7.9)	6.6 (14.5)	All models
Power Door Lock System RPO-AU3	1.2 (2.6)	.8 (1.8)	2.0 (4.4)	All models
Cargo Tie-Down RPO-AV3	0 (0)	.6 (1.3)	.6 (1.3)	El Camino
Power Windows RPO-A31	1.2 (2.6)	1.4 (3.1)	2.6 (5.7)	All models
Power Trunk Opener- Electric RPO-A90	0 (0)	.6 (1.3)	.6 (1.3)	All Monte Carlo Coupes
Deluxe Body Side Molding RPO-BW2	0 (0)	.8 (1.8)	.8 (1.8)	Monte Carlo Coupe, not available on Monte Carlo 'SS'.
	.8 (1.8)	.6 (1.3)	1.4 (3.1)	El Camino
Two-Tone Paint Molding RPO-BX8	.4 (0.9)	.4 (0.9)	.8 (1.8)	El Camino
Color-Keyed Floor Mats-Front RPO-B32	1.6 (3.5)	.6 (1.3)	2.2 (4.8)	El Camino
Color-Keyed Floor Mats Front & Rear RPO-B37	2.0 (4.4)	1.2 (2.6)	3.2 (7.0)	All Monte Carlo Coupes
Side Window Sill Mldgs. Wide RPO-B85	.4 (0.9)	0 (0)	.4 (0.9)	Monte Carlo Coupe, not available on Monte Carlo 'SS'.
Removable Glass Roof Panels RPO-CC1	7.0 (15.4)	9.8 (21.6)	16.8 (37.0)	Monte Carlo Coupe, not available on Monte Carlo 'SS'.

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

**VMA Specifications Form**  
**Passenger Car**  
**Metric (U.S. Customary)**

Car Line MONTE CARLO-El CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*)

**Optional Equipment Differential Mass (weight)\***

Equipment	MASS, kg. (weight, lb.)			Remarks
	Front	Rear	Total	
Intermittent Windshield Wiper System RPO-CD4	.2 (0.4)	0 (0)	.2 (0.4)	All models
Padded Landau Vinyl Roof Cover RPO-C04	.4 (0.9)	1.4 (3.1)	1.8 (4.0)	Monte Carlo, not available on Monte Carlo 'SS'.
Electric Rear Window Defogger RPO-C49	0 (0)	.2 (0.4)	.2 (0.4)	All Monte Carlo Coupes
	0 (0)	.4 (0.9)	.4 (0.9)	El Camino
Air Conditioning Manual Control RPO-C60	26.4 (58.2)	2.2 (4.8)	28.6 (63.0)	With LC3 V6 Engine
	23.0 (50.7)	1.8 (4.0)	24.8 (54.7)	With LD5 V6 Engine
	27.2 (60.0)	2.2 (4.8)	29.4 (64.8)	With LG4 V8 Engine
	30.4 (67.0)	2.2 (4.8)	32.6 (71.8)	With LF9 V8 Diesel Engine
	27.0 (59.5)	2.2 (4.8)	29.2 (64.3)	With L69 V8 Engine, Monte Carlo 'SS' only.
Sport Mirrors-LH Remote, RH Manual RPO-D35	.8 (1.8)	.4 (0.9)	1.2 (2.6)	All models, standard on Monte Carlo 'SS'.
Console, Requires Bucket Seats RPO-D55	4.4 (9.7)	1.4 (3.1)	5.8 (12.8)	All models
Twin Remote Sport Mirrors RPO-D68	1.6 (3.5)	0 (0)	1.6 (3.5)	All Monte Carlo Coupes
Side Rails-Cargo Box RPO-D73	0 (0)	2.0 (4.4)	2.0 (4.4)	El Camino
Custom Two-Tone Paint RPO-D84	.2 (0.4)	.2 (0.4)	.4 (0.9)	Monte Carlo Coupe, not available on Monte Carlo 'SS'.
Conquista (Chevrolet) or Armadillo (GMC) Decor Package RPO-D91	.2 (0.4)	.2 (0.4)	.4 (0.9)	El Camino

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

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

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*) \_\_\_\_\_

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight, lb.)			
	Front	Rear	Total	
Heavy Duty Front & Rear Suspension RPO-F40	.4 (0.9)	1.0 (2.2)	1.4 (3.1)	Monte Carlo with LF9 Diesel Engine
Sport Suspension RPO-F41	6.8 (15.0)	5.2 (11.5)	12.0 (26.5)	Monte Carlo Coupe, standard on Monte Carlo 'SS'.
	5.6 (12.3)	5.2 (11.5)	10.8 (23.8)	El Camino
Limited Slip Differential RPO-680	-.2 (-0.4)	3.8 (8.4)	3.6 (8.0)	All models, not available on Monte Carlo 'SS'.
Engine Block Heater RPO-K05	.4 (0.9)	0 (0)	.4 (0.9)	All models, not available on Monte Carlo 'SS'.
Electronic Speed Control, 3-mode operation RPO-K34	2.4 (5.3)	0 (0)	2.4 (5.3)	All models
Engine 3.8 Liter 2-BBL. (231 C.I.D.) V6. RPO-1D5	4.8 (10.6)	-1.0 (-2.2)	3.8 (8.4)	All models, except Monte Carlo 'SS'.
Engine 5.7 Liter Diesel (350 C.I.D.) V8. Not available in California. RPO-1F9	130.2 (287.0)	8.4 (18.5)	138.6 (305.5)	Monte Carlo, except Monte Carlo 'SS'.
	137.0 (302.0)	4.4 (9.7)	141.4 (311.7)	El Camino
Engine 5.0 liter 4-BBL. (305 C.I.D.) V8. RPO-1G4	47.6 (104.9)	4.6 (10.1)	52.2 (115.0)	Monte Carlo, except Monte Carlo 'SS'.
	45.4 (100.1)	4.4 (9.7)	49.8 (109.8)	El Camino
Engine 5.0 liter 4-BBL. (305 C.I.D.) V8. RPO-1G9	48.0 (105.8)	6.2 (13.7)	54.2 (119.5)	Monte Carlo 'SS' only
Four-Speed Automatic Transmission. RPO-MX0	8.4 (18.5)	2.4 (5.3)	10.8 (23.8)	Monte Carlo, except Monte Carlo 'SS'.
Wheel Cover Locking Package RPO-N18	.4 (0.9)	.4 (0.9)	.8 (1.8)	All models, except Monte Carlo 'SS'.
Fuel Tank-Higher Capacity (22.0 gallon) Standard with Diesel Engine RPO-N23	0 (0)	.4 (0.9)	.4 (0.9)	El Camino

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

**VMA Specifications Form**  
**Passenger Car**  
**Metric (U.S. Customary)**

Car Line MONTE CARLO-EL CAMINO  
 Model Year 1984 Issued 7-83 Revised (\*)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg (weight, lb)			
	Front	Rear	Total	
Comfortilt Steering Wheel RPO-N33	1.2 (2.6)	0 (0)	1.2 (2.6)	All models
Aluminum Wheels RPO-N90	-1.4 (-3.1)	-1.4 (-3.1)	-2.8 (-6.2)	Monte Carlo, not available on Monte Carlo 'SS'.
Wire Wheel Covers Simulated Wire Wheel RPO-N95	3.2 (7.0)	3.2 (7.0)	6.4 (14.0)	All models, except Monte Carlo 'SS'.
Cornering Lamps RPO-T87	.4 (0.9)	0 (0)	.4 (0.9)	Monte Carlo, not available on Monte Carlo 'SS'.
Heavy Duty Battery RPO-UA1	4.8 (10.6)	-.8 (-1.8)	4.0 (8.8)	With RPO-LC3 Engine
	6.2 (13.7)	-1.0 (-2.2)	5.2 (11.5)	With RPO-LD5 & LG4 Engines
	12.0 (26.4)	-2.0 (-4.4)	10.0 (22.0)	With RPO-LF9 Diesel Engine
Gauge Package with Trip Odometer RPO-UF7	.4 (0.9)	0 (0)	.4 (0.9)	All models, except Monte Carlo 'SS'.
AM/FM Stereo Radio with Stereo Cassette Player, Includes 2-Frt & 2-Rr Speakers, except El Camino 2-Frt only. RPO-UN3	2.8 (6.2)	1.0 (2.2)	3.8 (8.4)	All models
Gauge Package with Tachometer. RPO-U14	.8 (1.8)	0 (0)	.8 (1.8)	El Camino, not available with Diesel Engine, standard on Monte Carlo 'SS'.
Quartz Electric Clock RPO-U35	.2 (0.4)	0 (0)	.2 (0.4)	All models, except Monte Carlo 'SS'.
AM/FM Stereo Radio and Clock, Includes 2-Frt and 2-Rr speakers, except El Camino 2-Frt only. RPO-U58	2.2 (4.8)	.8 (1.8)	3.0 (6.6)	All models
AM-Radio, Dual Front Speakers RPO-U63	1.8 (4.0)	.6 (1.3)	2.4 (5.3)	All models

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

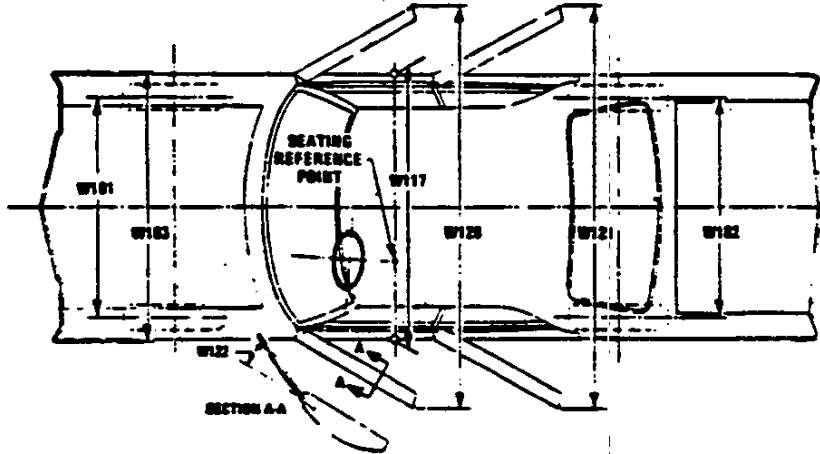




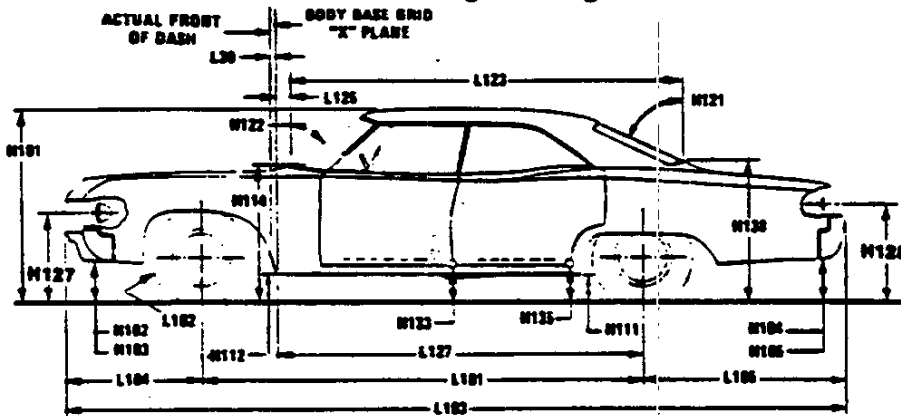
**IVMA Specifications Form**  
**Passenger Car**  
**ETRIC (U.S. Customary)**

**Exterior Car And Body Dimensions - Key Sheet**

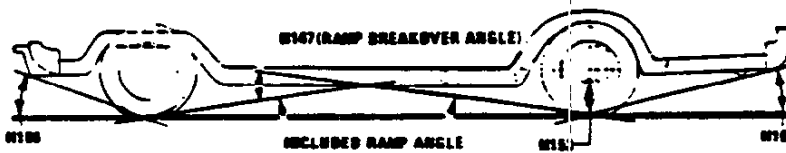
**Exterior Width**



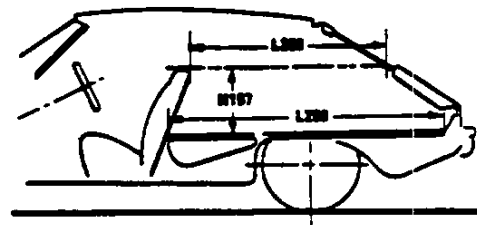
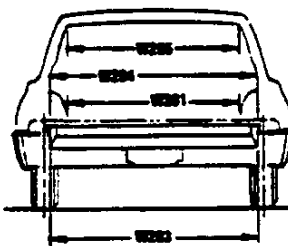
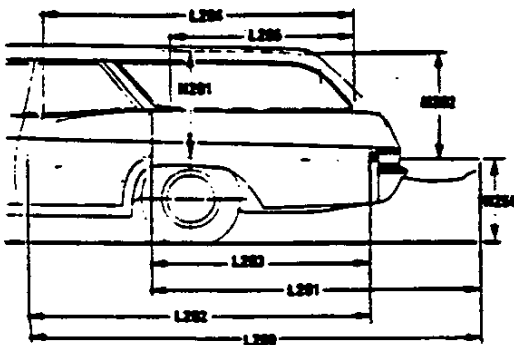
**Exterior Length & Height**



**Exterior Ground Clearance**



**Cargo Space**



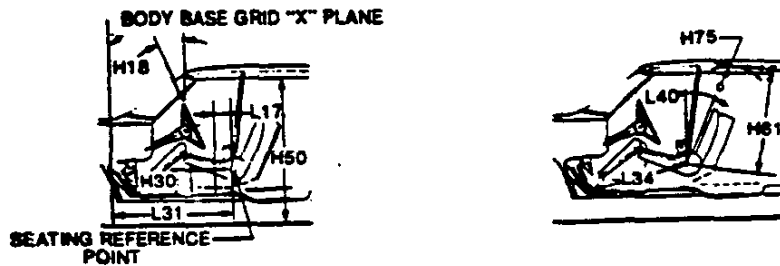
**Hatchback**

**Station Wagon**

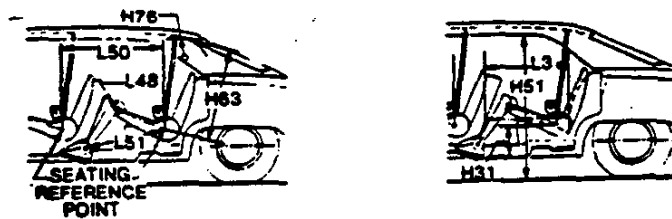
**MVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

**Interior Car And Body Dimensions - Key Sheet**

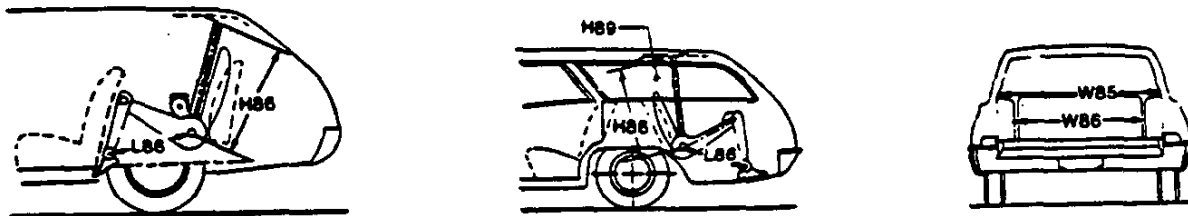
**Front Compartment**



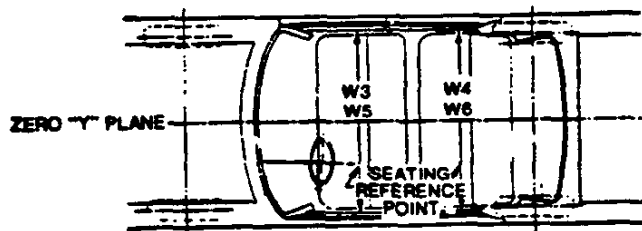
**Rear Compartment**



**Third Seat**



**Interior Width**



# IVMA 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 —

- Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- Has coordinates established relative to the design vehicle structure;
- Simulates the position of the pivot center of the human torso and thigh; and
- 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 rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH.** The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE** or in the case of dual rear axles, the coordinate shall be in 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 flanges, 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, in 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, in 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 (WT).** The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND—CURB MASS (WT).** 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 guards, if standard equipment.

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

#### 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 and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius and 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 un-depressed 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.

# AVMA Specifications Form

## Passenger Car

### TRIC (U.S. Customary)

#### Rear Car And Body Dimensions — Key Sheet

##### Dimensions Definitions

#### Station Wagon — Cargo Space Dimensions

- 0 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.
- 1 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.
- 2 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.
- 3 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.
- 4 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.
- 5 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.
- 201 CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.
- 203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- 204 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.
- 205 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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