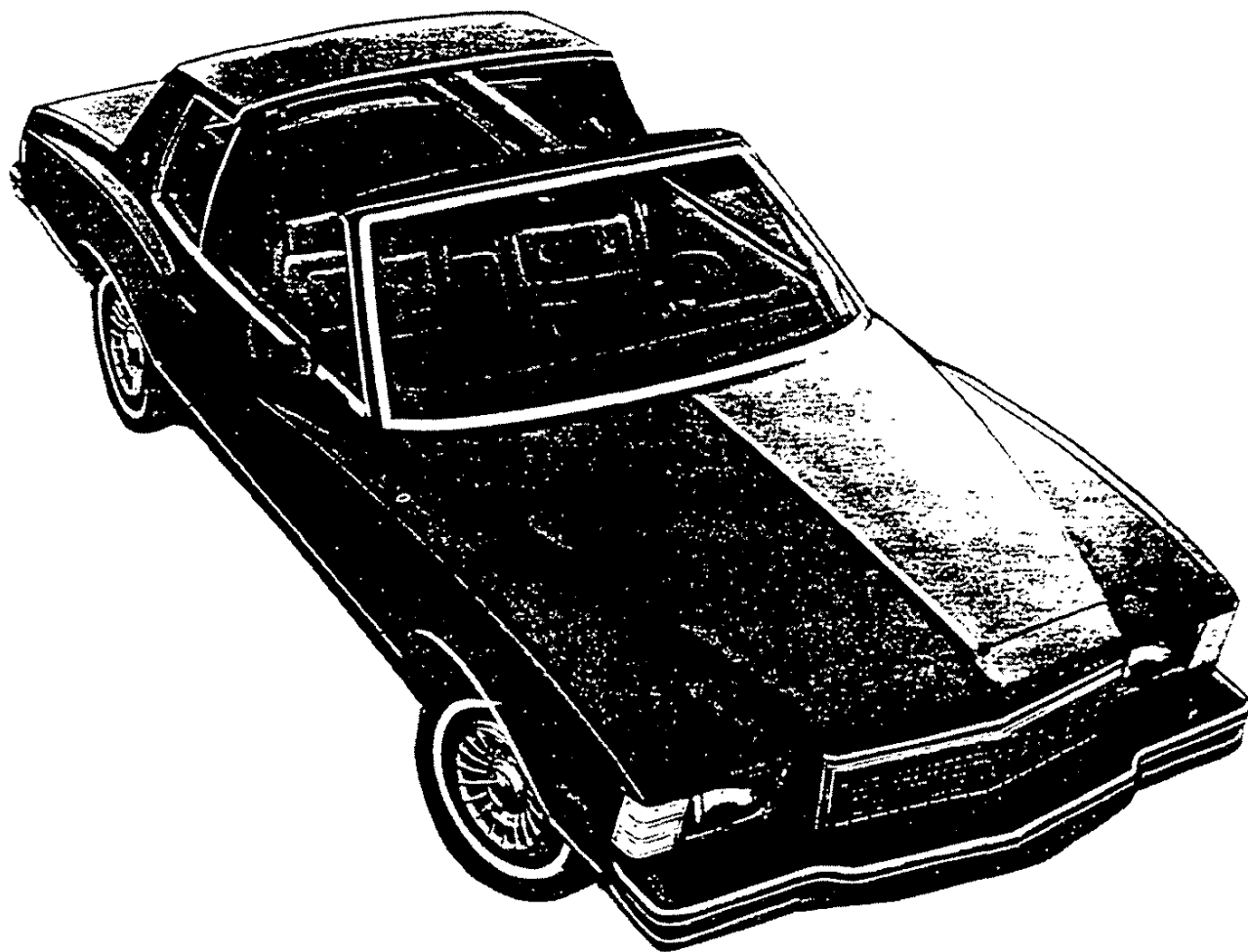


45 | 40

Chevrolet



1979 Monte Carlo



CHEVROLET NEWS



Public Relations Department • Chevrolet Motor Division
General Motors Corporation • General Motors Building
Detroit, Michigan 48202 • (313) 556-5937

FOR RELEASE September 21, 1978

#8434

1979 MONTE CARLO

Monte Carlo's distinctive styling has tasteful touches enhancing both front and rear appearance while a broader range of power is added with two new V-8 engines.

A new grille has prominent vertical bars, and a new parking and side marker lamp configuration adds a more integrated appearance to both sides of the front. The lamps are enclosed within a single bright bezel, in three-segment units, front and side.

The rear light assembly uses the same idea with new four-segment horizontal units that wrap-around to enclose the side marker lamps. The effect is more angular, compared to the square look of 1978, and moves the side markers inside the total rear lamp assembly.

Choice of engines available for the 1979 Monte Carlo is increased from three to four. The base engine continues to be the 3.3 litre (200 CID) 2-Bbl V-6. An optional 3.8 litre (231 CID) V-6 has been modified and refined. New are small block 4.4 litre (267 CID) 2-Bbl V-8, and 4-Bbl 5 litre (305 CID) V-8. (In 1978 there was a 2-Bbl 5 litre V-8 option which is replaced by the 4-Bbl version for 1979.)

The 4.4 litre V-8 is the "first" V-8 option. It provides approximately 31 percent increase in power over the base V-6 and about 7 percent more power than the optional 3.8 litre V-6. In other words, the new small block V-8 fills a power void between the two V-6 engines and the new 4-Bbl 5 litre V-8.



The 5-litre has approximately 28 percent greater power than the 4.4 litre V-8, and 10 percent more power than the 1978 2-Bbl 5 litre engine it replaces. The '79 engine lineup looks like this: 3.3 litre V-6 (200 CID); 3.8 litre V-6 (231 CID); 4.4 litre V-8 (267 CID); and the 4-Bbl 5 litre V-8 (305 CID).

The 3.8 litre 2-Bbl V-6 and the 5 litre 4-Bbl V-8 are the only two engines available in California, together with required California emission equipment.

Inside, the 1979 Monte Carlo's luxurious trim is augmented with new cloth seating materials, and new vinyl materials are available.

The Landau model has a new canopy style roof with bright molding installed across the rear roof surface. Grained vinyl is applied to the forward portion, providing a choice of harmonizing or contrasting colors.

Minor identifying changes include a "Landau" roof side panel plaque in script, rather than block, lettering. A wide bright lower body molding used between the wheel openings in 1978, has been extended ahead of the front wheel and behind the rear wheel for 1979.

As with other Chevrolet models, Monte Carlo and Monte Carlo Landau have a new anti-theft steering column lock, improved exhaust gas recirculation (EGR) and cold trapped spark control for the V-8's in 49 states.

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Many buyers feel there's a lot more to getting from here to there than just settling themselves into a car and passing the time.

Maybe that's why they can imagine themselves in a 1979 Monte Carlo. Because "Monte Carlo" has come to stand for a car that's apart from the crowd. A car with a look, a feel, a personality all its own. A car with a little different outlook on going places.

Inside, it's a quiet, thickly carpeted world with richly upholstered, broad full-foam seats molded for comfort. With pull straps on the doors and a smart delta spoke steering wheel covered in soft vinyl. A relaxing environment.

And when that Monte Carlo takes off down the road? Well, that's when its character comes through clearest. There are front and rear stabilizer bars beneath, teamed with steel-belted radial ply tires to provide that

nice firm feeling on the road. The sensation is precise. The exhilaration smile-spreading.

Who wouldn't want to imagine themselves in such a car?

REASONS TO BUY MONTE CARLO

- Distinctive, elegant styling in a personal luxury car.
- Luxurious interior comfort and convenience.
- Road-tuned suspension for responsive ride.
- Full selection of spirited V6 or available V8 power.
- Quality engineered and designed for lasting value.
 - Extensive application of acoustical materials.
 - Generous use of anti-corrosion materials and processes.
 - Rugged full-frame construction with 14 isolating body mounts.

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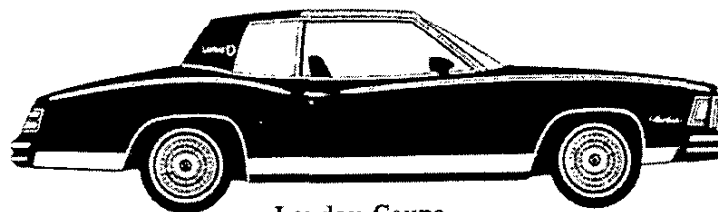
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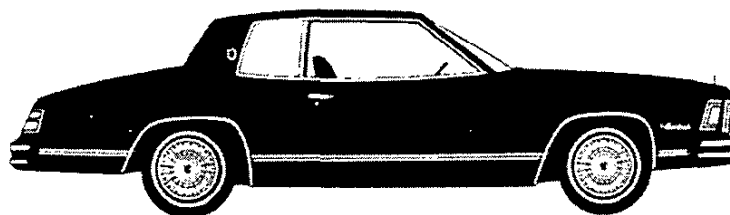
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1979 MONTE CARLO



Landau Coupe



Sport Coupe

| Monte Carlo | Model No. |
|-------------------|-----------|
| Landau Coupe..... | 1AZ37/Z03 |
| Sport Coupe | 1AZ37 |

Index

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Also see Value Features section for additional details

See Dealer Order Guide for latest available information.

Monte Carlo/1

MONTE CARLO VALUE FEATURES FOR 1979

New Features for 1979 shown in Bold Face

ENGINE/CHASSIS

- 3.3 Litre 2-Bbl. V6, three-speed manual floor shift *standard*. See Power Teams for availability
- Power steering and power brakes, automatic transmission *standard* on Landau
- **New small block design 4.4 Litre V8 engine available**
- **New 5.0 Litre V8 with 4-barrel carburetor available for added power output and trailering performance**
- Front disc/rear drum brake system *standard*
- Disc brake audible wear sensors to let you know when linings need replacing *standard*
- Delcotron generator with built-in solid-state regulator *standard*
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Full-perimeter frame *standard*
- Visible ball joint wear indicators on front suspension lower control arms for quick and easy wear check *standard*
- High Energy Ignition system *standard*
- Coolant recovery system helps prevent costly coolant loss *standard*
- GM Specification steel-belted radial ply tires *standard*
- Compact spare tire *standard*
- **New improved Exhaust Gas Recirculation (EGR) and cold**

trapped spark control system for the 4.4 and 5.0 Litre V8 engines contribute to good drivability

- Early Fuel Evaporation systems on all engines for quick warm-up
- Delco Freedom Battery that never needs refilling *standard*. Sealed side terminals help prevent corrosion buildup
- Full Coil suspension system with computer-selected springs *standard*
- Stabilizer bars, front and rear to help control sway *standard*
- Forward-mounted recirculating ball steering gear and linkage *standard*
- Dual horns *standard*

BODY

- Body By Fisher
- **New front styling features new grille with prominent vertical bars**
- **New 3-segment parking and front side marker lamps**
- **New rear styling with horizontal four-segment taillights and integral side marker lights**
- **New canopy style roof treatment on the Landau Coupe**
- Double-panel door, hood and deck lid construction *standard*
- High level acoustical quiet package *standard*
- Extensive anti-corrosion treatments (see page 19)
- Flow-through ventilation system for passenger comfort *standard*

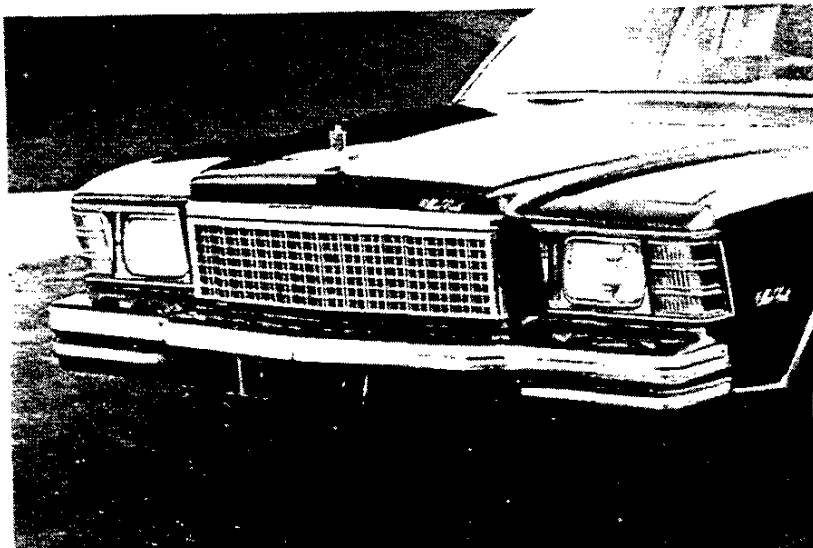
- Concealed dual speed electric windshield wipers *standard*
- Non-articulated windshield wipers for dependable quiet operation *standard*
- Cushioned body mounting system (at 14 strategic points) effectively isolates passenger area from road noise and vibration
- Inner fenders front and rear for corrosion protection *standard*

INTERIOR

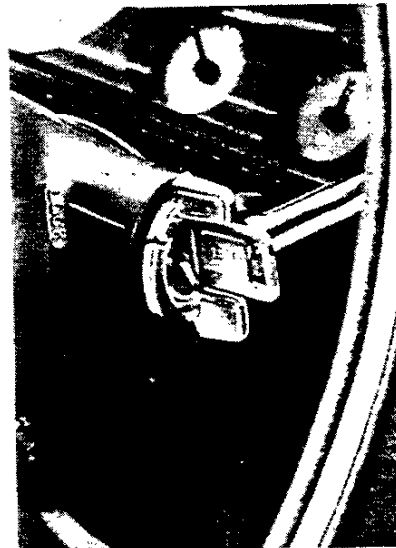
- Molded full foam seat construction *standard*
- Inside hood release for under-hood security *standard*
- Color-keyed cut-pile carpeting *standard*
- Electric clock *standard*
- Day/night rearview mirror *standard*
- Color-keyed steering column and steering wheel *standard*
- **Improved anti-theft steering column lock *standard***
- Glove compartment lock and light *standard*

NEW OPTIONS

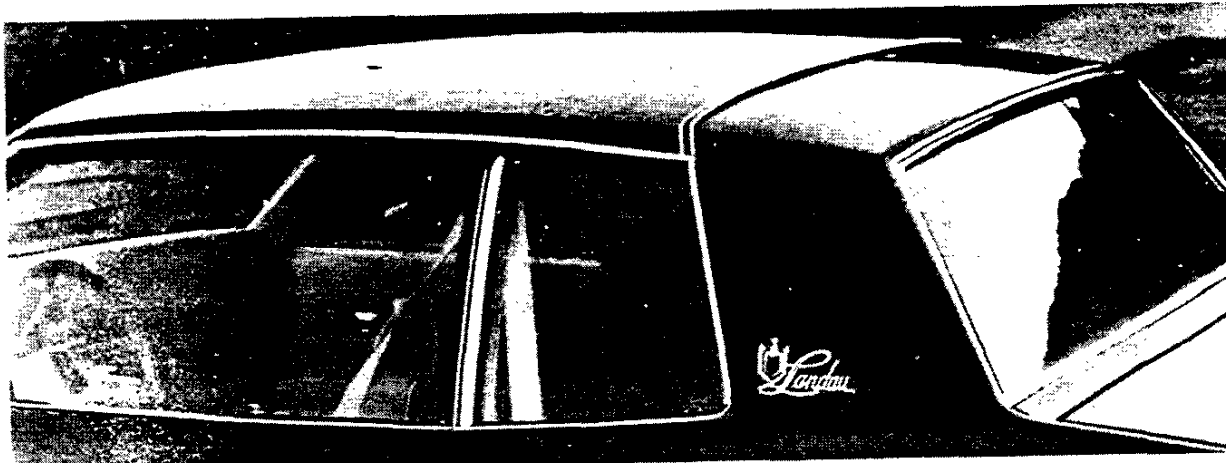
- Delco AM/FM Stereo Radio with Stereo Cassette Tape
- Delco AM/FM Citizens Band Radio with Power Antenna
- Delco AM/FM Stereo/Citizens Band Radio with Power Antenna



New Front Styling with "Tiffany" Look



Improved Anti-Theft Steering Column Lock



New Canopy Vinyl Roof Styling for Landau



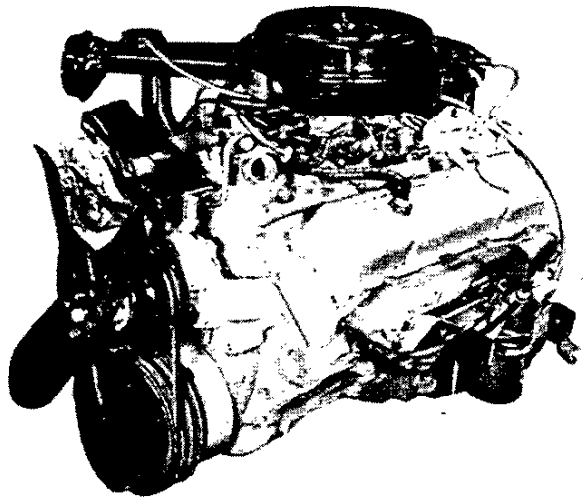
New Four-Segment Taillight Styling



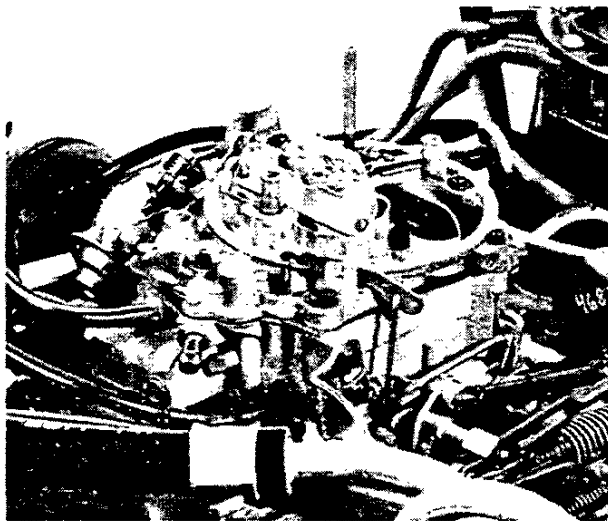
GM Specification Steel-Belted Radial Ply Tires *Standard*



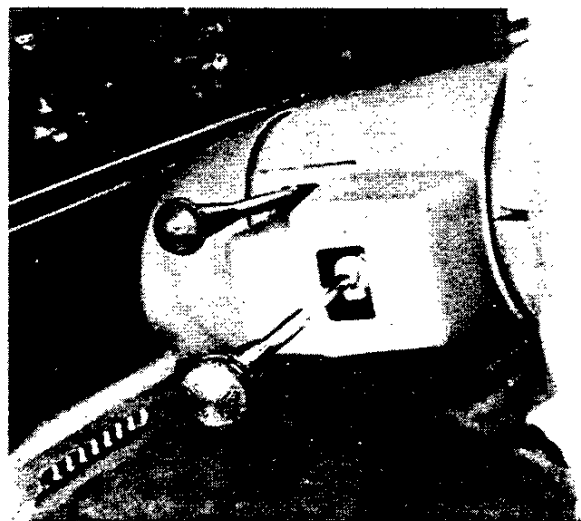
3.3 Litre 2-Bbl. V6 *Standard*



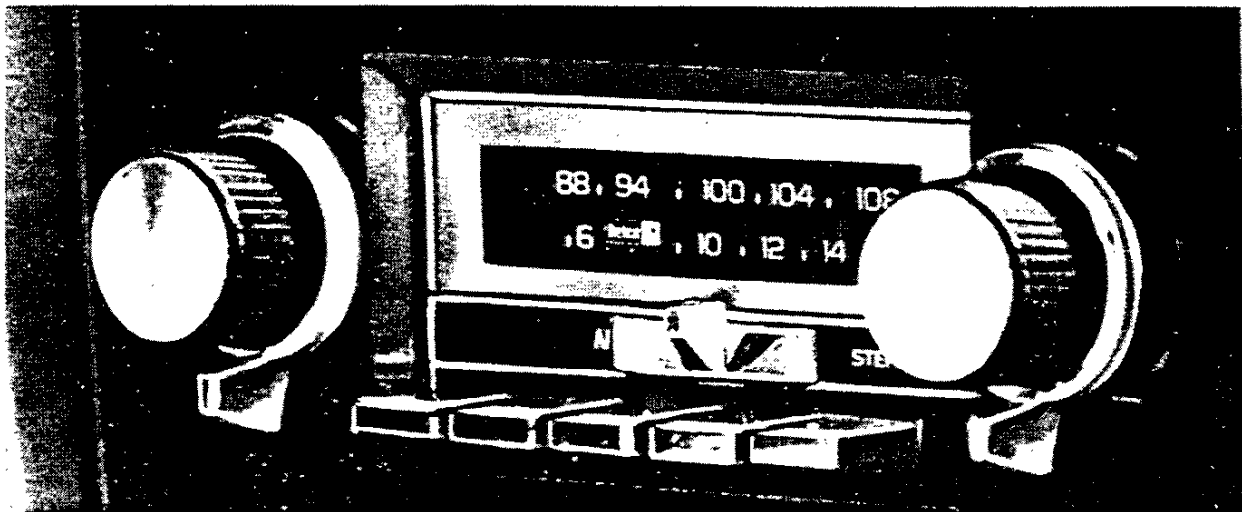
Available 4.4 Litre 2-Bbl. V8



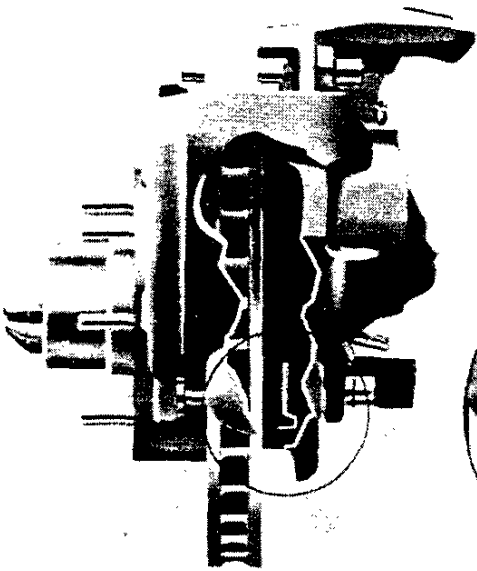
New 4-Bbl. Carburetor for 5.0 Litre V8



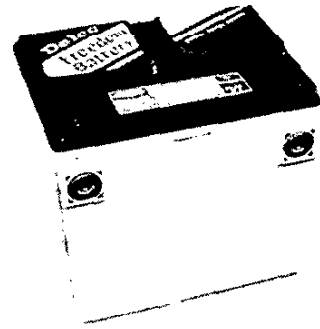
Column-Mounted Lever for Turn Signal and Headlight Dimmer *Standard*



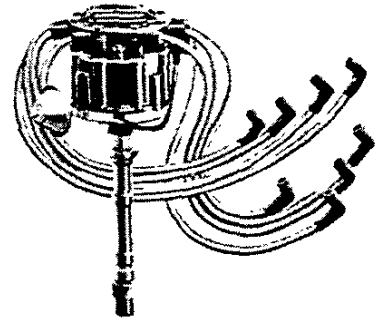
Available Delco AM/FM Stereo Radio



Front Disc Brake Audible Wear Sensor *Standard*



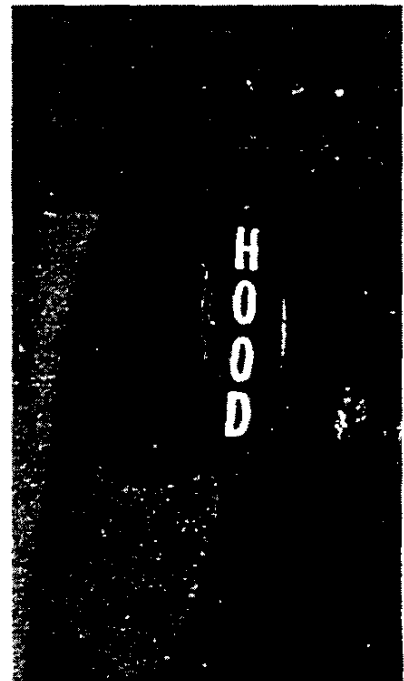
Delco Freedom Battery That Never Needs Refilling *Standard*



High Energy Ignition System *Standard*



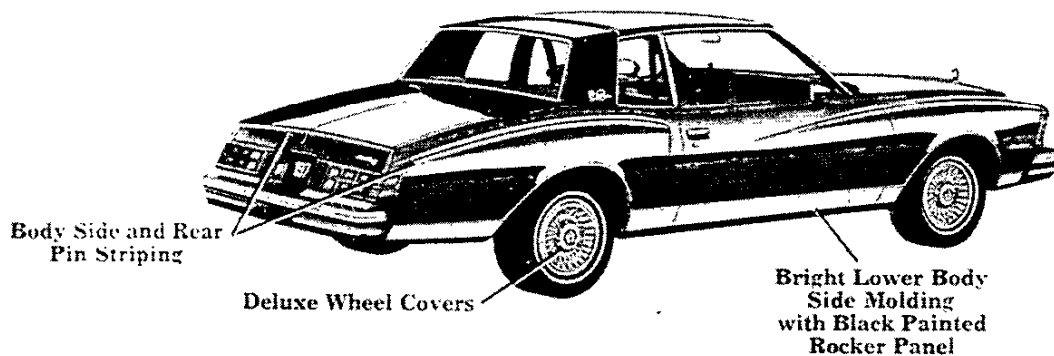
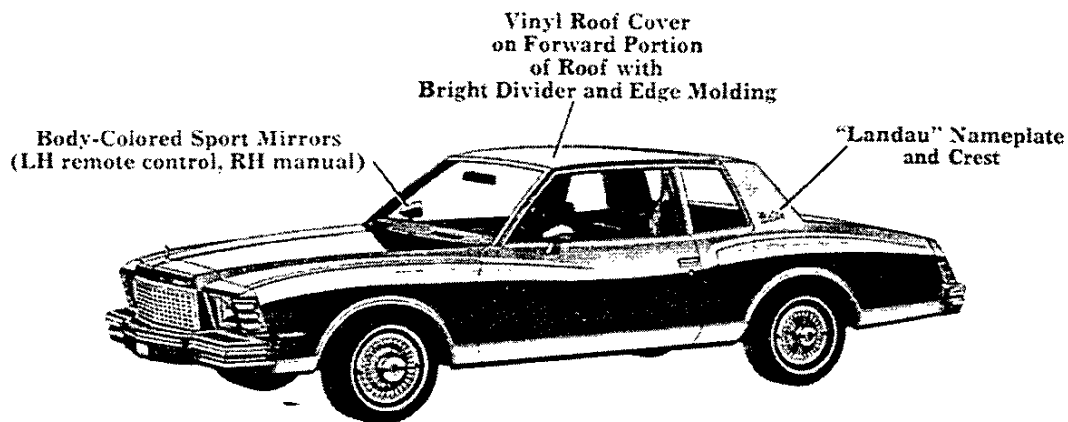
Compact Spare Tire for Added Luggage Space *Standard*



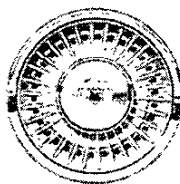
Convenient Inside Hood Release *Standard*

MONTE CARLO

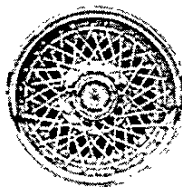
Landau Coupe



Special Landau features shown in addition to Monte Carlo standard features. Landau also includes power brakes, power steering, automatic transmission and visor vanity mirror.



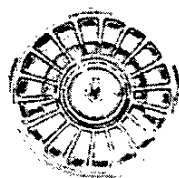
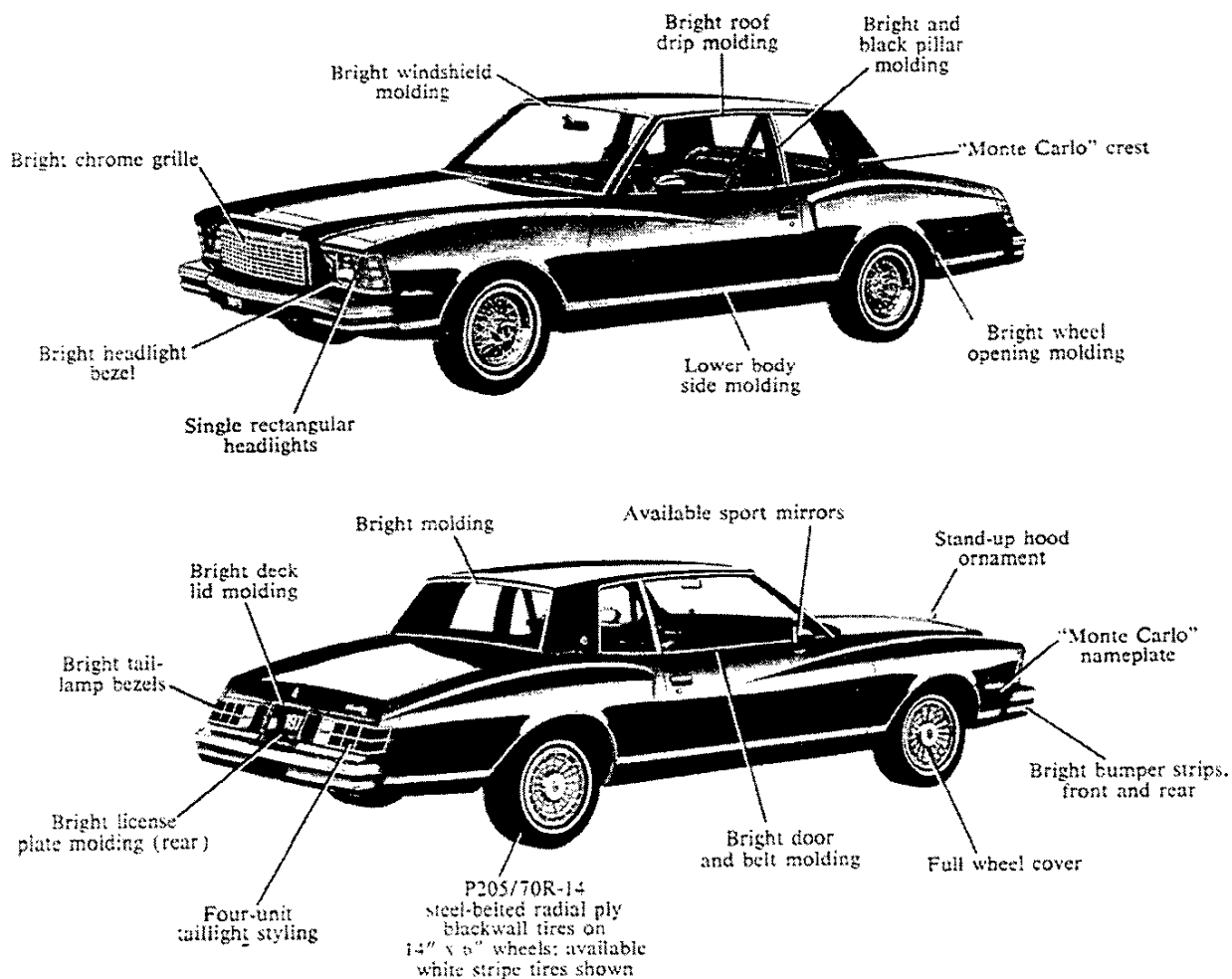
Standard Deluxe Wheel Cover



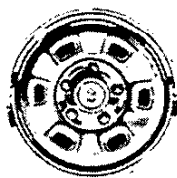
Available Wire Wheel Cover (RPO N95)

MONTE CARLO

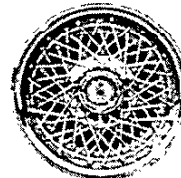
Sport Coupe



Standard Monte Carlo Wheel Cover

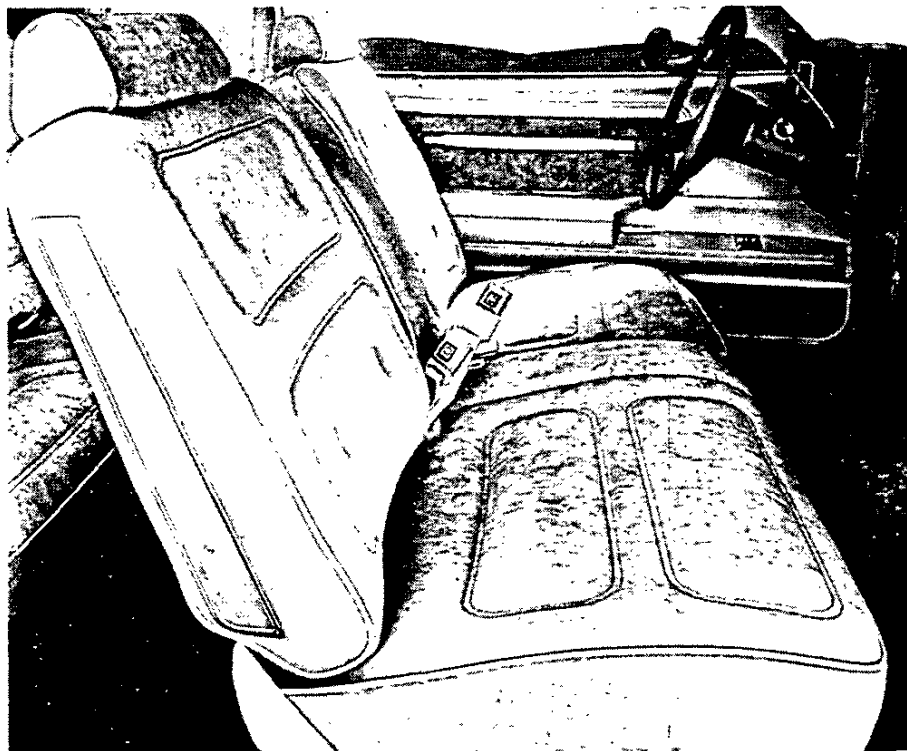


Available Color-Keyed Rally Wheel (RPO Z17)



Available Wire Wheel Cover (RPO N95)

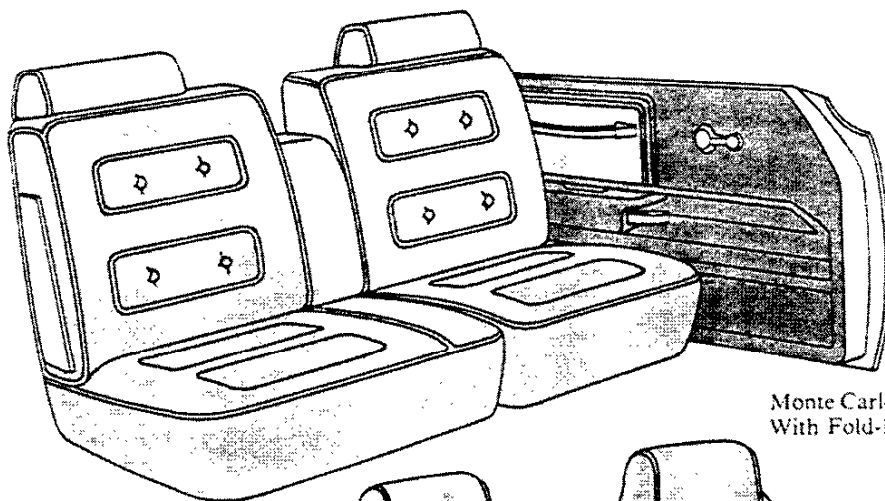
INTERIOR FEATURES



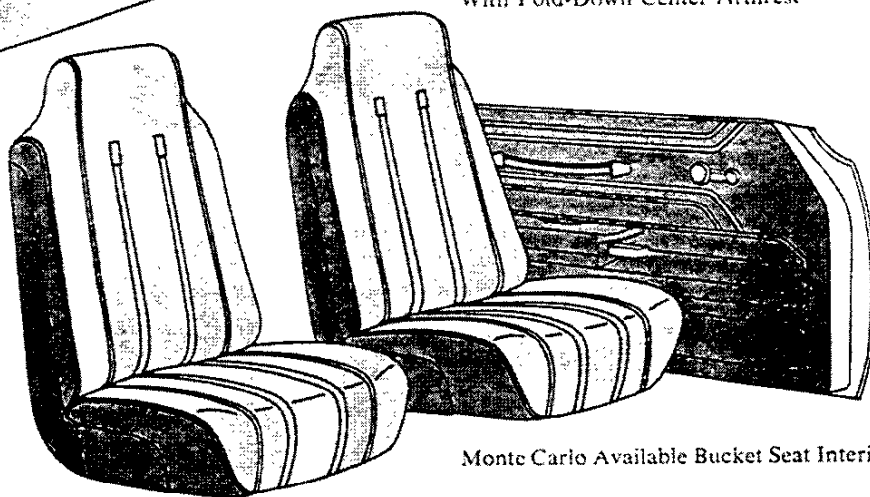
Monte Carlo Landau and Sport Coupe Available Special Custom Interior With 55'45" Seat and Folding Center Armrest

| INTERIOR FEATURES | Monte Carlo Landau | Monte Carlo |
|--|-----------------------|-------------|
| Conventional full-width front seat | S | S |
| Door panels with soft trim and integral armrests | S | S |
| Vinyl door pull straps | S | S |
| Day/night rearview mirror | S | S |
| Visor mirror RH | S | EC |
| Color-keyed instrument panel, steering wheel, and column | S | S |
| Glove compartment lock and light | S | S |
| Automatic interior light switches on doors | S | S |
| Instrument panel courtesy lights | S | S |
| Cigarette lighter | S | S |
| Electric clock | S | S |
| Color-keyed one-piece cut-pile carpeting | S | S |
| Quiet Sound Group | S | S |

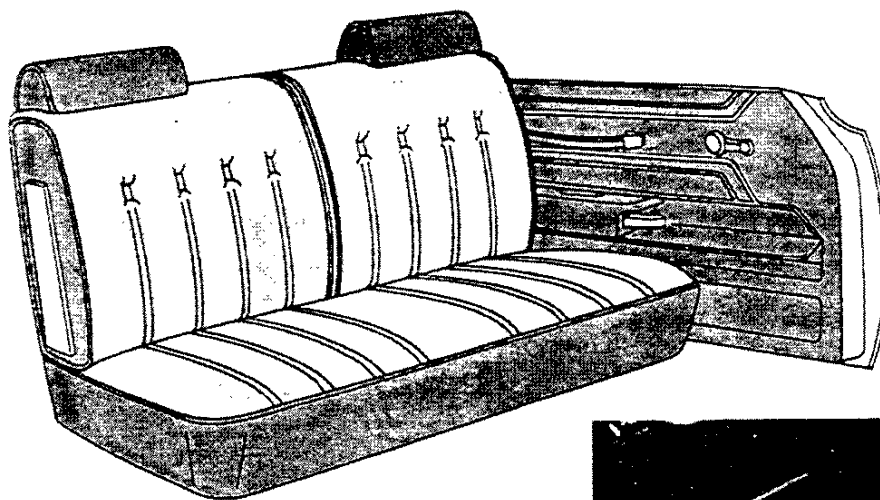
S—Standard; EC—Extra Charge



Monte Carlo Available 55/45 Seat Interior
With Fold-Down Center Armrest

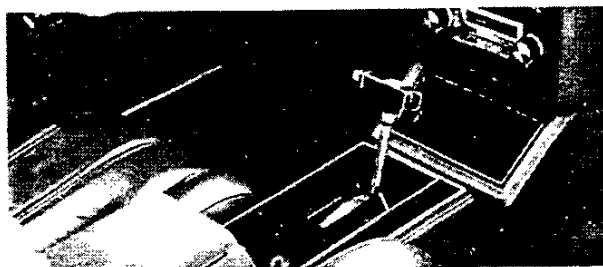


Monte Carlo Available Bucket Seat Interior



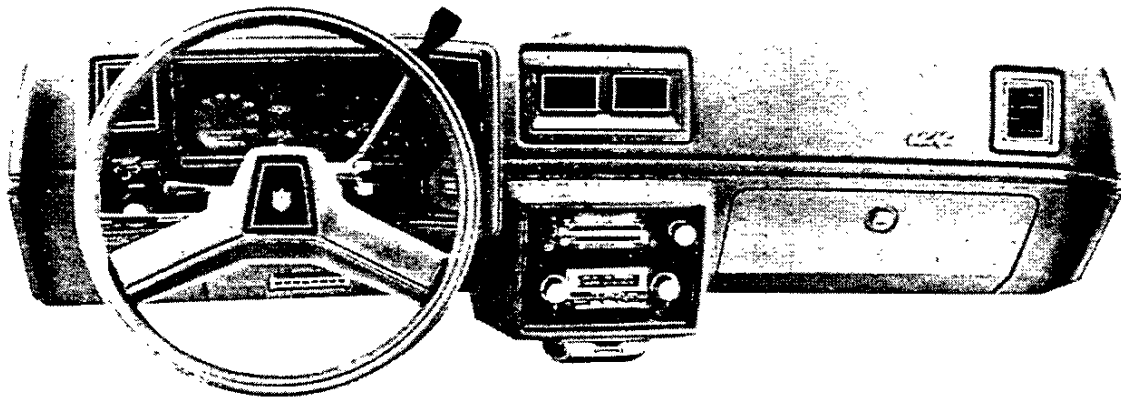
Monte Carlo Standard
Bench Seat Interior

NOTE: Illustrations show basic seat and door trim panel styling only. Shaded areas differentiate usage of cloth and vinyl trim materials. See Color & Trim Section for available exterior/interior color and trim selections.

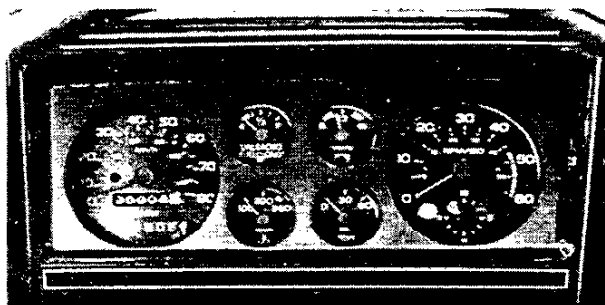


Console (RPO D55) Available For Landau Coupe And
Sport Coupe With Bucket Seats Only

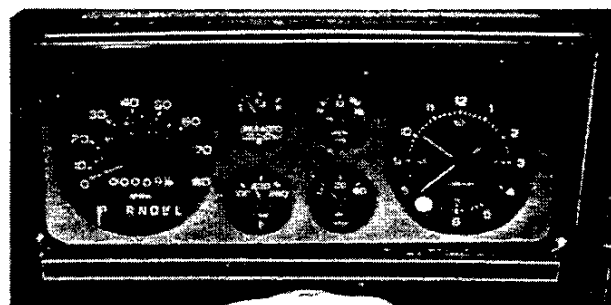
MONTE CARLO INSTRUMENT PANEL



Monte Carlo Instrument Panel



Available Special Instrumentation (RPO U14)



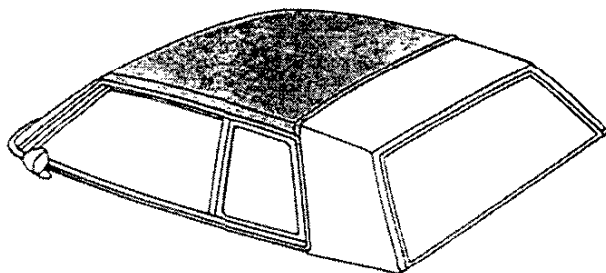
Available Gage Package (RPO UF7)

| INSTRUMENT PANEL FEATURES | Monte Carlo Landau | Monte Carlo |
|--|-----------------------|-------------|
| Color-keyed instrument panel, steering wheel and column | S | S |
| Column-mounted turn signal and headlight dimmer | S | S |
| Cigarette lighter | S | S |
| Special instrumentation includes tachometer, voltmeter, temperature and oil pressure gages | EC | EC |
| Gage package includes voltmeter, temperature, and oil pressure gages | EC | EC |
| 80 mph 130 kph (kilometers per hour) speedometer | S | S |
| Electric clock | S | S |
| Soft-rim steering wheel | S | S |
| Ashtray light | S | S |
| Glove compartment light | S | S |
| Instrument panel courtesy lights | S | S |
| Inside hood release | S | S |
| Glove compartment lock | S | S |

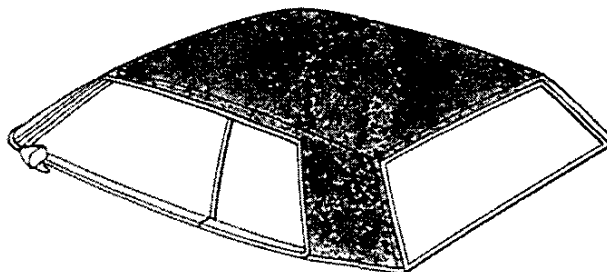
S—Standard; EC—Extra Cost

EXTERIOR DECOR

Vinyl Roof Covers



Monte Carlo Landau standard vinyl roof cover. Available in Elk grain vinyl in seven colors.



Full vinyl roof cover for Monte Carlo. Available in Levant grain vinyl in seven colors.

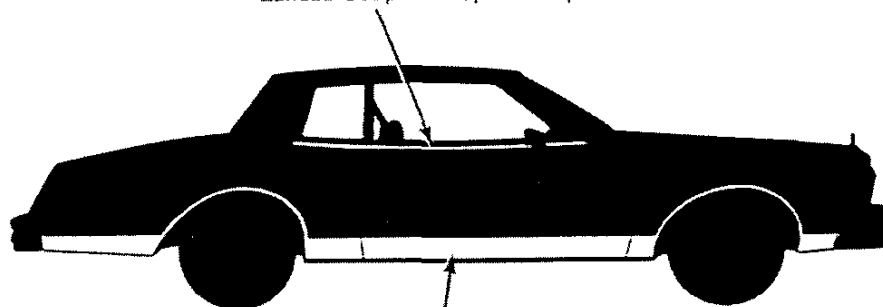
VINYL ROOF COLOR SELECTIONS

| VINYL ROOF | CODE | EXTERIOR COLOR AVAILABILITY |
|-----------------------|------|--|
| Beige | UU | Beige, Camel Metallic, Dark Brown Metallic, White or Black |
| Black | BB | All colors except Dark Brown Metallic |
| Light Blue Metallic | DD | White, Black, Pastel Blue, Light Blue Metallic or Dark Blue Metallic |
| Dark Carmine Metallic | RR | Carmine Metallic or Dark Carmine Metallic |
| Light Green | GG | Light Green or Medium Green Metallic |
| Silver | QQ | Silver, Black, Dark Blue Metallic, Carmine Metallic or Dark Carmine Metallic |
| White | WW | All colors |

NOTE: See chart at bottom of page 13 for vinyl roof colors available with Custom Two-Tones (RPO D84). Also see Color and Trim Section for additional details.

BRIGHT SIDE WINDOW SILL MOLDINGS

(RPO B85)—Available for both Landau Coupe and Sport Coupe.



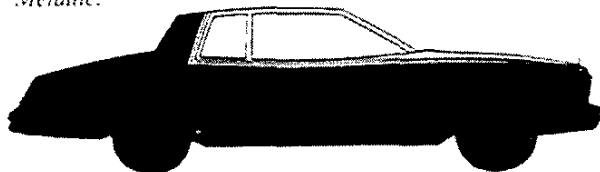
BRIGHT BODY SILL MOLDINGS
(RPO BX2)—Standard on Landau Coupe; available on Sport Coupe.

See Dealer Order Guide for latest available information.

Monte Carlo/11

Custom Two-Tone (RPO D84)

Distinctive two-tone exterior with second color on hood, roof and around side windows. Pin striping (shown) separates the two colors. Available in Silver/Black, Medium Green* Light Green, Camel*/Beige, Carmine* Dark Carmine* for both Landau Coupe and Sport Coupe; plus Silver Gray* and Light Blue* Medium Blue* for Sport Coupe. See Color & Trim Section for color chips. *Metallic.



Pastel Blue/Dark Blue Metallic

Gold Metallic/Dark Orange Metallic

Gold Metallic/Dark Green Metallic

Red/Medium Gray Metallic

Red/Black

Pin Striping (RPO D85)

Pin striping accenting rear deck and body side sculpture lines is available in seven choices color-keyed to exterior and/or vinyl roof colors: Gold, White, Blue, Silver, Black, Red or Green. Standard on Landau Coupe. See charts on page 17 for availability.



Gold

Blue

Silver

White

Black

Red

Green

Deluxe Body Side Moldings (RPO BW2)

Color-keyed upper and lower edges with bright vinyl insert available for both Landau Coupe and Sport Coupe. Upper and lower edges are color-keyed to exterior and/or vinyl roof colors in Beige, Black, Blue, Silver, White, Carmine or Green. See charts on page 17 for availability.



Beige

Carmine

Blue

Green

Silver

Black

White

VINYL ROOF COVER, BODY SIDE MOLDING & PIN STRIPING COLORS WITHOUT CUSTOM TWO-TONE

| EXTERIOR COLOR | CODE | | VINYL ROOF COLOR | | | | | | |
|-----------------------|------|---------|------------------|-------------|---------------------------------|-----------------------------------|----------------------|--------------|-------------|
| | | | BLACK BB | BEIGE UL | LIGHT BLUE METALLIC DD | DARK CARMINE METALLIC RR | LIGHT GREEN GG | SILVER OO | WHITE WW |
| Beige | 61 | Molding | Beige | Beige | — | — | — | — | Beige |
| | | Stripe | Gold | Gold | — | — | — | — | White |
| Black | 19 | Molding | Black | Beige | Blue | — | — | Black | Black |
| | | Stripe | Gold | Gold | Blue | — | — | Silver | White |
| Dark Blue Metallic | 29 | Molding | Silver | — | Blue | — | — | Silver | White |
| | | Stripe | Silver | — | Blue | — | — | Silver | White |
| Light Blue Metallic | 22 | Molding | Black | — | Blue | — | — | — | Blue |
| | | Stripe | Black | — | Blue | — | — | — | White |
| Pastel Blue | 21 | Molding | Blue | — | Blue | — | — | — | White |
| | | Stripe | Black | — | Blue | — | — | — | White |
| Dark Brown Metallic | 69 | Molding | — | Beige | — | — | — | — | White |
| | | Stripe | — | Gold | — | — | — | — | White |
| Camel Metallic | 63 | Molding | Beige | Beige | — | — | — | — | Beige |
| | | Stripe | Gold | Gold | — | — | — | — | White |
| Carmine Metallic | 77 | Molding | Carmine | — | — | Carmine | — | Carmine | Carmine |
| | | Stripe | Red | — | — | Red | — | Silver | White |
| Dark Carmine Metallic | 79 | Molding | Carmine | — | — | Carmine | — | Carmine | Carmine |
| | | Stripe | Gold | — | — | Gold | — | Silver | White |
| Light Green | 40 | Molding | Green | — | — | — | Green | — | Green |
| | | Stripe | Gold | — | — | — | Green | — | Green |
| Medium Green Metallic | 44 | Molding | Green | — | — | — | Green | — | Green |
| | | Stripe | Gold | — | — | — | Green | — | White |
| Silver | 15 | Molding | Silver | — | — | — | — | Silver | Silver |
| | | Stripe | Black | — | — | — | — | Black | White |
| White | 11 | Molding | Silver | Beige | Blue | — | — | — | Silver |
| | | Stripe | Black | Gold | Blue | — | — | — | Gold |
| Light Yellow | 54 | Molding | Beige | — | — | — | — | — | Beige |
| | | Stripe | Black | — | — | — | — | — | White |

BODY SIDE MOLDING & PIN STRIPING COLORS WITHOUT VINYL ROOF

| EXTERIOR COLOR | COLOR CODE | | MOLDING (RPO B84) | STRIPE (RPO D85) |
|-----------------------|------------|----|----------------------|---------------------|
| | L | U | | |
| Beige | 61 | 61 | Beige | Gold |
| Black | 19 | 19 | Black | Gold |
| Dark Blue Metallic | 29 | 29 | Silver | Silver |
| Light Blue Metallic | 22 | 22 | Blue | Blue |
| Pastel Blue | 21 | 21 | Blue | Blue |
| Dark Brown Metallic | 69 | 69 | Beige | Gold |
| Camel Metallic | 63 | 63 | Beige | Gold |
| Carmine Metallic | 77 | 77 | Carmine | Gold |
| Dark Carmine Metallic | 79 | 79 | Carmine | Gold |
| Light Green | 40 | 40 | Green | Green |
| Medium Green Metallic | 44 | 44 | Green | Gold |
| Silver | 15 | 15 | Silver | Red |
| White | 11 | 11 | White | Gold |
| Light Yellow | 54 | 54 | Beige | Gold |

VINYL ROOF COVER, BODY SIDE MOLDING & PIN STRIPING COLORS WITH CUSTOM TWO-TONE

| EXTERIOR COLOR | HOOD & ROOF ACCENT COLOR | COLOR CODE | | | MOLDING (RPO BW2) | STRIPE (INCLUDED) |
|-----------------------|-----------------------------|------------|----|-----|----------------------|------------------------------------|
| | | L | U | V | | |
| Blue | Medium Blue Metallic | 22 | 22 | — | Blue | Pastel Blue Dark Blue Metallic |
| Camel Metallic | Beige | 63 | 63 | U/U | Beige | Gold Metallic Dark Orange Metallic |
| Carmine Metallic | Dark Carmine Metallic | 77 | 77 | RR | Carmine | Red/Black |
| Medium Green Metallic | Light Green | 44 | 44 | GG | Green | Gold Metallic Dark Green Metallic |
| Silver | Medium Gray Metallic | 15 | 15 | — | Silver | Red Medium Gray Metallic |
| Silver | Black | 05 | 05 | BB | Silver | Red Medium Gray Metallic |

L = Lower U = Upper V = Landau Color Vinyl Roof

See Dealer Order Guide for latest available information.

Monte Carlo/13

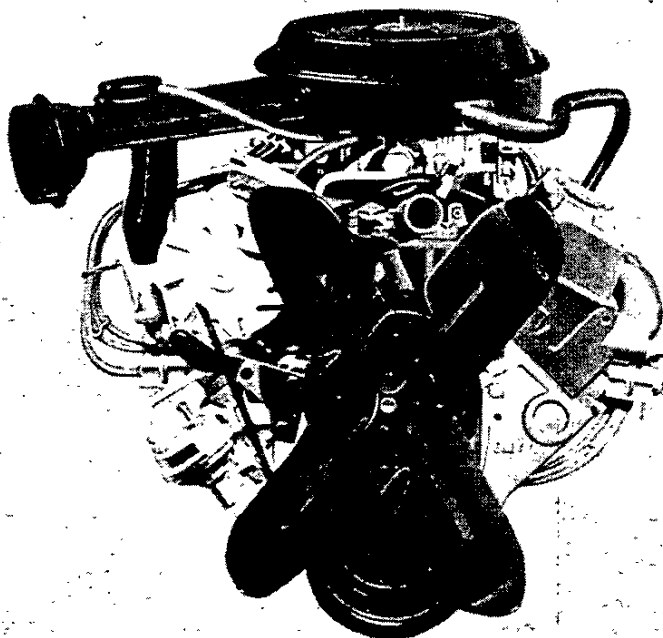
AVAILABLE OPTIONS

| | RPO | Price | Monte Carlo Landau Coupe | Monte Carlo Sport Coupe |
|---|-----|-------|-----------------------------|----------------------------|
| Air Conditioning. Includes hood insulator, 63-Amp generator | C60 | | • | • |
| Axles: | | | | |
| Performance Axle Ratio | G92 | | • | • |
| Limited Slip Differential. Includes Stowaway Spare Tire | G80 | | • | • |
| Battery, Heavy-Duty | UA1 | | • | • |
| Belts, Deluxe Color-Keyed Seat & Shoulder. Included with Special Custom Interior | AK1 | | • | • |
| Brakes, Power, NA with Three-Speed Manual Transmission | J50 | | S | • |
| Console, Available only with Bucket Seats | D55 | | • | • |
| Container, Litter | D24 | | • | • |
| Defogger, Electric Rear Window | C49 | | • | • |
| Door Lock System, Power | AU3 | | • | • |
| Emission Equipment: See Power Teams for availability | | | | |
| Standard Emission System | NA5 | | • | • |
| California Emission Requirements | YF5 | | • | • |
| High Altitude Emission Equipment | NA6 | | • | • |
| Engines: See Power Teams for availability | | | | |
| 3.8 Litre 2-Bbl. V6 | LC6 | | • | • |
| 3.8 Litre 2-Bbl. V6 | LD5 | | • | • |
| 4.4 Litre 2-Bbl. V8 | L39 | | • | • |
| 5.0 Litre 4-Bbl. V8 | LG4 | | • | • |
| Floor Mats, Color-Keyed—Front & Rear | B37 | | • | • |
| Gage Package. Includes temperature, voltmeter and oil pressure gages. NA with RPO LC6 3.8 Litre V6 engine | UF7 | | • | • |
| Generator, 63-Amp Delcotron. Included with Air Conditioning | K81 | | • | • |
| Glass, Tinted | A01 | | • | • |
| Instrumentation, Special. Includes tachometer, voltmeter, temperature and oil pressure gages. NA with RPO LC6 3.8 Litre V6 engine | U14 | | • | • |
| Light, Dome Reading | C95 | | • | • |
| Lighting, Auxiliary. Includes automatic time-delay dome light, luggage compartment light, underhood light, and headlight reminder buzzer | TR9 | | • | • |
| Luggage Compartment Trim, Deluxe | B48 | | • | • |
| Mirrors: | | | | |
| Remote Control Outside Rearview—LH | D33 | | NA | • |
| Sport, LH Remote & RH Manual | D35 | | S | • |
| Sport, Twin Remote | D68 | | • | • |
| Visor, RH | D34 | | S | • |
| Visor, Illuminated RH | D64 | | • | • |
| Moldings: | | | | |
| Body Side, Deluxe, Color-keyed vinyl upper and lower edges | BW2 | | • | • |
| Door Edge Guard | B93 | | • | • |
| Side Window Sill | B85 | | • | • |
| Body Sill, Bright | BX2 | | S | • |
| Paint, Custom Two-Tone (See Color and Trim Selections) | D84 | | • | • |

| | RPO | Price | Monte Carlo Landau Coupe | Monte Carlo Sport Coupe |
|--|-----|-------|-----------------------------|----------------------------|
| Radiator, Heavy-Duty | V01 | | • | • |
| Radio Equipment: (Note: Check Dealer Order Guide for other equipment included or required) | | | | |
| Delco AM Radio | U63 | | • | • |
| Delco AM/FM Radio | U69 | | • | • |
| Delco AM/FM Citizens Band Radio with Power Antenna. Includes rear speaker | UP5 | | • | • |
| Delco AM/FM Stereo/Citizens Band Radio with Power Antenna | UP6 | | • | • |
| Delco AM/FM Stereo Radio | U58 | | • | • |
| Delco AM/FM Stereo Radio with 8-Track Stereo Tape | UM2 | | • | • |
| Delco AM/FM Stereo Radio with Stereo Cassette Tape | UN3 | | • | • |
| Delco AM Radio with 8-Track Stereo Tape | UM1 | | • | • |
| Speaker, Rear Seat. Available with AM, AM/FM or AM/FM Citizens Band Radios only | U80 | | • | • |
| Speakers, Dual Front. Available with AM or AM/FM Radios only | UX6 | | • | • |
| Power Antenna, NA with Windshield Antenna | U75 | | • | • |
| Windshield Antenna. Included with factory-installed radio except Citizens Band. NA with Power Antenna | U76 | | • | • |
| Roof Cover, Vinyl (See Color and Trim Selections) | — — | | S | • |
| Roof Panels, Removable Glass. With tinted glass panels | CC1 | | NA | • |
| Seat Equipment: | | | | |
| Six-Way Power Seat, NA with Bucket Seats; driver's side only with 55/45 seat | AG9 | | • | • |
| Bucket Seats (See Color and Trim Selections) | — — | | • | • |
| Sky Roof, Power. With sliding steel panel | CA1 | | • | • |
| Speed Control, Automatic. Available on Sport Coupe with Power Steering, Power Brakes and Automatic Transmission only | K30 | | • | • |
| Steering Wheel, Comfortilt | N33 | | • | • |
| Steering, Power, NA with Three-Speed Manual Transmission | N41 | | S | • |
| Striping Pin, Body Side and Rear, NA with Custom Two-Tone Paint | D85 | | S | • |
| Suspension, Heavy-Duty Front & Rear. Includes higher rate front and rear springs and matching shock absorbers | F40 | | • | • |
| Tires: | | | | |
| P205/70R-14 Steel Belted Radial Ply White Stripe | QFK | | • | • |
| Transmission, Automatic. Requires Power Steering and Power Brakes on Sport Coupe. | MX1 | | S | • |
| Trim, Interior: (See Color and Trim Selections) | | | | |
| Special Custom Cloth Interior with 55/45 Seat | — — | | • | • |
| Vinyl Interior | — — | | • | • |
| Trunk Opener, Power | A90 | | • | • |
| Wheel Equipment: | | | | |
| Rally Wheels, Color-Keyed | ZJ7 | | NA | • |
| Wire Wheel Covers | N95 | | • | • |
| Windows, Power | A31 | | • | • |
| Windshield Wiper System, Intermittent | CD4 | | • | • |

NA—Not Available S—Standard •—Available at extra cost

POWER TEAMS



Standard 3.3 Litre 2-Bbl. V6 Engine

| Engine | RPO No. | Power Rating* | Displacement (cubic inches) | Engine Availability | Transmission Availability | |
|--------|---------|---------------|-----------------------------|---------------------|--------------------------------|-----------------------|
| | | | | | Three-Speed Manual RPO MM3 (1) | Automatic RPO MX1 (2) |

ALL STATES EXCEPT CALIFORNIA
(with Standard Emission System—RPO NA5)

| | | | | | | |
|-------------------------|-----|-----|-----|------|------|--------|
| 3.3 Litre 2-Bbl. V6 (A) | L26 | NA | 200 | Std. | Std. | EC (3) |
| 3.8 Litre 2-Bbl. V6 (D) | LD5 | 115 | 231 | EC | NA | EC (3) |
| 4.4 Litre 2-Bbl. V8 (B) | L39 | 125 | 267 | EC | NA | EC (3) |
| 5.0 Litre 4-Bbl. V8 (C) | LG4 | 160 | 305 | EC | NA | EC (3) |

ALL STATES EXCEPT CALIFORNIA
(with High Altitude Emission Equipment—RPO NA6)

| | | | | | | |
|-------------------------|-----|-----|-----|----|----|--------|
| 3.8 Litre 2-Bbl. V6 (D) | LD5 | 115 | 231 | EC | NA | EC (3) |
| 5.0 Litre 4-Bbl. V8 (C) | LG4 | 155 | 305 | EC | NA | EC (3) |

CALIFORNIA ONLY
(with California Emission Requirements—RPO YF5)

| | | | | | | |
|-------------------------|-----|-----|-----|----|----|--------|
| 3.8 Litre 2-Bbl. V6 (D) | LC6 | 115 | 231 | EC | NA | EC (3) |
| 5.0 Litre 4-Bbl. V8 (C) | LG4 | 155 | 305 | EC | NA | EC (3) |

*S.A.E. net horsepower as installed. Std.—Standard NA—Not Available EC—Available at extra cost.

(1) Not available on Monte Carlo Landau; includes floor-mounted shift control.

(2) Standard on Monte Carlo Landau.

(3) Power Steering (RPO N41) and Power Brakes (RPO J50) required on Sport Coupe.

(A) Produced by GM—Chevrolet Motor Division at the Tonawanda, New York Engine Plant.

(B) Produced by GM—Chevrolet Motor Division at the Flint, Michigan Engine Plant.

(C) Produced by GM—Chevrolet Motor Division at the Flint, Michigan; Tonawanda, New York and GM of Canada Engine Plants.

(D) Produced by GM—Buick Motor Division at the Flint, Michigan Engine Plant.

See EPA section for mileage estimates.

BODY/CHASSIS FEATURES

Standard On 1979 Monte Carlo

Body Structure & Features

- All-welded heavy-gage steel body construction with cowl, roof, underbody and body panels precision welded to form rigid body shell
- Rugged box-section design roof rails, windshield and rear window headers, door and roof pillars
- Heavy-gage steel roof panel with double-flanged channel-crossed reinforcing bows
- High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel
- Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills
- Double panel door, hood and deck lid
- Counterbalanced hood, deck lid for ease of operation
- Front and rear inner fenders for corrosion protection
- Flow-thru ventilation system for passenger comfort
- Cushioned body mounting system helps isolate passenger area from road noise and vibration
- Bolt-on front-end sheet metal

cushion-mounted to frame and radiator support assembly for ease of service

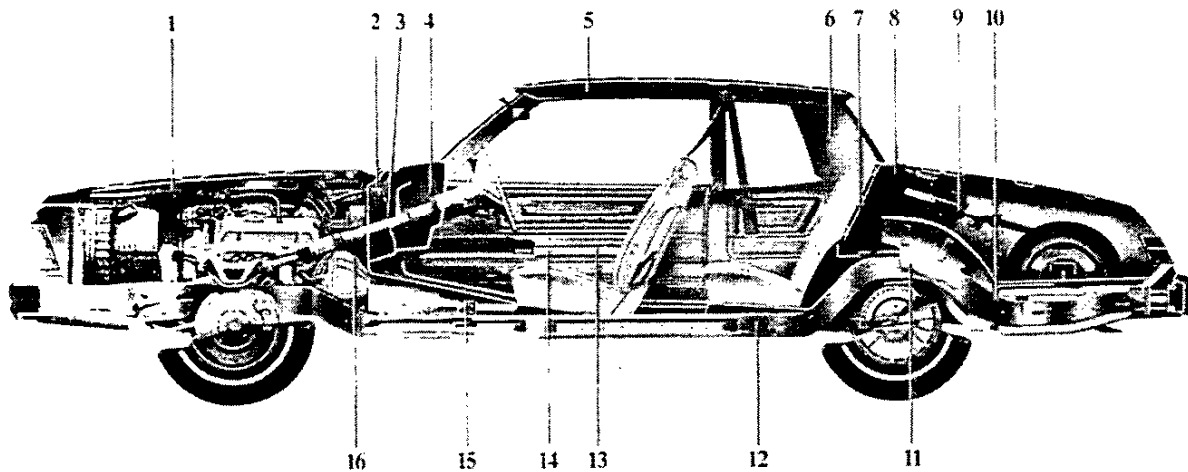
- Concealed dual-speed electric windshield wipers
- Inside hood release for under-hood security
- Acoustical quiet package
- Durable acrylic finish

Chassis Features

- Power steering and power brakes help make parking and maneuvering in city traffic easy *standard* on Landau
- Automatic transmission *standard* on Landau
- Front disc/rear drum brake system
- Disc brake audible wear sensors to let you know when linings need replacing
- Vented front disc brake rotors and finned rear brake drums aid heat dissipation
- Delcotron generator with built-in solid-state regulator
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Visible ball joint wear indicators on front suspension lower control arms for quick and easy wear inspection
- Tire tread wear indicators
- Delco Freedom battery never needs refilling. Sealed side terminals help prevent corrosion buildup
- Full perimeter frame
- Full Coil suspension system with computer-selected springs
- Front and rear stabilizer bars to help control sway
- Forward-mounted recirculating ball steering gear and linkage
- Independent coil-spring spherical joint front suspension (short and long arm type) with quiet, low-friction non-metallic spherical joint liners and built-in anti-dive control
- Four-link type rear suspension with dual bias-mounted upper control arms and parallel-mounted lower control arms
- Direct double-acting sealed-unit hydraulic shock absorbers
- GM Specification P205/70R-14 steel-belted radial ply black-wall tires and 14" x 6" wheels

SOUND DEADENING TREATMENT

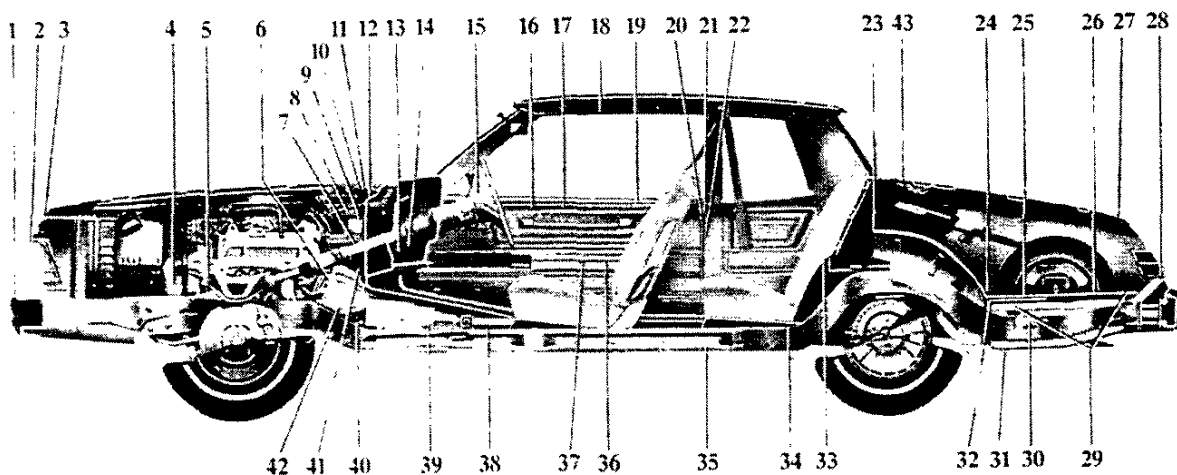
- | | | |
|---|--|---|
| 1. Hood insulator—more dense than Malibu Classic (fiberglass blanket) | steering column | 6. Sealing strips and Amberlite® —roof side panel |
| 2. Amberlite® and molded Plastisol® dash mat with molded rubber seal around | 3. Amberlite® and mastic—shroud side insulator | 7. Amberlite® and mastic—back seat barrier |
| | 4. Expandable plug—base of "A" pillar | 8. Amberlite® and mastic—package shelf barrier |
| | 5. 1/2" foam—headliner | |



- | | | |
|--|--|--|
| 9. Amberlite® and mastic—upper quarter panel | rear wheelhouse | inner door panels |
| 10. Amberlite® —lower quarter panel | 12. Amberlite® and mastic—underseat material | 15. Double weight carpet backing and Amberlite® floor covering |
| 11. Spray-on sound deadener— | 13. Amberlite® on inner doors | 16. Amberlite® and mastic—body shroud panel insulator |
| | 14. Spray-on sound deadeners on | |

ANTI-CORROSION MEASURES

1. Precision molded polymer front and rear bumper outer surfaces
2. Precision molded polymer grille and headlight bezels
3. Precision molded polymer front end panel
4. Precision molded polymer front fender skirts, Zincrometal® process front fenders
5. Wax base spray on inner side of front fenders
6. Wax base spray on front fender rear reinforcement
7. Zinc spray on dash panel
8. Galvanized steel windshield wiper mounting plate
9. Precision molded polymer heater/air conditioning module
10. Phosphate oil-impregnated hood hinges
11. Galvanized steel upper panel shroud
12. Galvanized windshield glass support
13. Zinc spray on door hinge pillar
14. Rust preventative primer on door hinges
15. Galvanized steel outside rear-view mirror reinforcement
16. Electro galvanized outer door panel
17. Rust primer and wax spray on inner door panel
18. Electro galvanized steel drip rail
19. Zinc chromate and wax spray on door upper frame at belt line
20. Plastisol® sealed door hem flanges
21. Primer on door opening facings
22. Plastisol® sealer on rear quarter panel to lock joint
23. Galvanized outer wheelhouse panel



24. Electro galvanized steel, with primer on rear quarter outer panel
25. Galvanized steel gas tank rear compartment pan reinforcement
26. Galvanized steel rear portion of rear compartment pan
27. Aluminum inner and outer decklid panels
28. Plastisol® sealer on inner and outer trunk lid hem flange
29. Galvanized steel rear compartment pan reinforcements at body mount locations
30. Galvanized steel spare tire well
31. Abrasion-resistant exterior coating on lower portion of quarter panel
32. Primer and wax spray on quarter panel interior pockets
33. Hot melt sealer at quarter to wheelhouse joint
34. Galvanized steel rear compartment pan to quarter panel filler
35. Galvanized inner and outer sill panels
36. Zinc primer on lower door panel
37. Abrasion-resistant coating on lower portion of exterior door panels
38. Prime coat on floor pan
39. Zinc prime coat on floor pan side extension
40. Zincrometal® process to floor pan extension at toe plate
41. Galvanized steel front fender to instrument panel plate
42. Galvanized steel brace instrument panel to chassis
43. Aluminum with galvanized support rear window to decklid panel

EQUIPMENT SUMMARY

| EXTERIOR | Monte Carlo Landau Coupe | Monte Carlo Sport Coupe |
|---|-----------------------------|----------------------------|
| Bright windshield reveal molding | S | S |
| Single rectangular headlights | S | S |
| Body colored front and rear bumpers with bright accent strips | S | S |
| Sport mirrors LH remote & RH manual | S | EC |
| Vertically and horizontally segmented chrome plated grille | S | S |
| Stand-up front end panel ornament | S | S |
| Bright roof drip molding | S | S |
| Bright rear quarter window molding | S | S |
| Bright and blue/gray lower body side molding | S | S |
| Bright, wide, lower body side molding with black painted rocker panel | S | EC |
| Body side and rear pin striping | S | EC |
| Wheel opening moldings | S | S |
| Wheel covers | NA | S |
| Deluxe wheel covers | S | EC |
| Landau vinyl roof cover | S | NA |
| Bright rear window reveal molding | S | S |
| Bright deck lid molding | S | S |
| Four-segment taillights | S | S |
| Trunk lock cover | S | S |
| INTERIOR | | |
| Conventional full-width front seat | S | S |
| Bright front seat end panels | S | S |
| Door panels with soft trim and integral armrests | S | S |
| Vinyl door pull straps | S | S |
| Day/night rearview mirror | S | S |
| Visor mirror RH | S | EC |
| Center dome light | S | S |
| Color-keyed instrument panel, steering wheel, and column | S | S |
| Glove compartment lock and light | S | S |
| Instrument panel courtesy lights | S | S |
| Illuminated ashtray | S | S |
| Cigarette lighter | S | S |
| Electric clock | S | S |
| Color-keyed one-piece cut-pile carpeting | S | S |
| Luggage compartment mat | S | S |
| Dual horns | S | S |
| Quiet Sound Group | S | S |

S—Standard EC—Extra Charge NA—Not Available

| POWER TEAMS/CHASSIS/MECHANICAL | Monte Carlo Landau Coupe | Monte Carlo Sport Coupe |
|---|-----------------------------|----------------------------|
| 3.3 Litre 2-Bbl. V6 (200 cu. in.) engine | S | S |
| Three-speed manual transmission (floor mounted) | NA | S |
| Automatic transmission | S | EC |
| Power steering | S | EC |
| Forward mounted recirculating ball steering gear and linkage | S | S |
| Power brakes | S | EC |
| Front disc/rear drum brake system | S | S |
| Vented front disc brake rotors and finned rear brake drums | S | S |
| Disc brake audible wear sensors | S | S |
| P205/70R-14 steel-belted radial ply tires on 14"x6" wheels | S | S |
| Tire wear indicators | S | S |
| Inside hood release | S | S |
| Concealed dual-speed electric windshield wipers | S | S |
| Dual mode flow-thru ventilation system | S | S |
| Delco Freedom battery with sealed side terminals | S | S |
| Delcotron generator with built-in solid-state regulator | S | S |
| Front and rear stabilizer bars | S | 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 anti-dive control | S | S |
| Visible ball joint wear indicators on front suspension lower control arms | S | S |
| Four-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 |
| Heavy-gage 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 panels | S | S |
| High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel | S | S |
| All-welded heavy-gage steel body construction with cowl, roof, underbody, and body panels | S | S |
| Double panel door, hood, and deck lid | S | S |
| Counterbalanced hood, deck lid | S | S |
| Bolt-on front-end sheet metal cushion-mounted to frame and radiator support assembly | S | S |
| Full perimeter frame | S | S |
| Inner fenders front and rear | S | S |
| Cushioned body mounting system | S | S |
| Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills | S | S |
| Acoustical sound insulation | S | S |
| Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication, and automatic transmission fluid | S | S |
| S—Standard EC—Extra Cost NA—Not Available | | |

DIMENSIONS/ SPECIFICATIONS

EXTERIOR DIMENSIONS

Coupe and Landau

| | |
|--------------------------|-------|
| Wheelbase | 108.1 |
| Length (overall) | 200.4 |
| Width (overall) | 71.5 |
| Height (loaded) | 53.9 |
| Front tread | 58.5 |
| Rear tread | 57.8 |
| Minimum ground clearance | 4.8 |

INTERIOR ROOMINESS

| | |
|---------------------|------|
| Head room—front | 37.6 |
| Head room—rear | 37.8 |
| Leg room—front | 42.8 |
| Leg room—rear | 36.3 |
| Hip room—front | 51.6 |
| Hip room—rear | 54.9 |
| Shoulder room—front | 55.2 |
| Shoulder room—rear | 55.9 |

LUGGAGE COMPARTMENT

| | |
|--------------------------------|------|
| Liftover height | 29.6 |
| Usable luggage space (cu. ft.) | 16.1 |

RATED FUEL TANK CAPACITY (gallons)

| | |
|-----------------------------|------|
| | 18.1 |
| CURB WEIGHT (pounds) | |
| Monte Carlo Sport Coupe | 3132 |
| Monte Carlo Landau Coupe | 3223 |

COLOR AND TRIM COMBINATIONS

INTERIOR COLORS

BLACK BLUE CAMEL CARMINE GREEN OYSTER

MONTE CARLO SPECIAL CUSTOM INTERIOR

Sport Coupe and Landau (55/45)

Special Custom Cloth X X X X X X

MONTE CARLO

Sport Coupe and Landau (Bench)

Cloth X X X X X

Vinyl X X X X X

Sport Coupe and Landau (Bucket)

Cloth X X X X

Vinyl X X X X X

EXTERIOR COLORS

CODE

| | | | | | | | |
|--------------------------|----|---|---|---|---|---|---|
| BEIGE | 61 | X | | X | X | X | |
| BLACK | 19 | X | X | X | X | X | X |
| BLUE, DARK (METALLIC) | 29 | X | X | X | | | X |
| BLUE, LIGHT (METALLIC) | 22 | X | X | | | | X |
| BLUE, PASTEL | 21 | X | X | | | | X |
| BROWN, DARK (METALLIC) | 69 | X | | X | | | X |
| CAMEL (METALLIC) | 63 | X | | X | | | X |
| CARMINE (METALLIC) | 77 | X | | X | X | | X |
| CARMINE, DARK (METALLIC) | 79 | X | | X | X | | X |
| GREEN, LIGHT | 40 | X | | X | | X | |
| GREEN, MEDIUM (METALLIC) | 44 | X | | X | | X | |
| SILVER | 15 | X | | | X | | X |
| WHITE | 11 | X | X | X | X | X | X |
| YELLOW, LIGHT | 54 | X | | X | | | X |

CUSTOM TWO-TONE (RPO D84) COLORS

| | | | | | | | |
|---------------------------------------|---|---|---|---|---|--|---|
| BLUE, LIGHT/BLUE, MEDIUM (METALLIC)* | X | X | | | | | X |
| CAMEL (METALLIC)/BEIGE | X | | X | | | | |
| CARMINE/CARMINE, DARK (METALLICS) | X | | X | X | | | X |
| GREEN, MEDIUM (METALLIC)/GREEN, LIGHT | X | | | | X | | |
| SILVER/GRAY (METALLIC)* | X | | | X | | | X |
| SILVER/BLACK | X | | | X | | | X |

*Not available on Landau.

STANDARD INTERIOR TRIM GUIDE

- Cloth seat trim and bench seats standard on all models.
- All other combinations are available options, including Vinyl trim on bench seat, Vinyl trim on bucket seats or bucket seats with Cloth trim, and Special Custom Cloth trim with 55/45 seat.

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1979 MONTE CARLO EXTERIOR COLORS

EXTERIOR COLORS

11—White

15—Silver

19—Black

21—Pastel Blue

22—Light Blue Metallic

29—Dark Blue Metallic

40—Light Green

44—Medium Green Metallic

54—Light Yellow

61—Beige

63—Camel Metallic

69—Dark Brown Metallic

77—Carmine Metallic

79—Dark Carmine Metallic

CUSTOM TWO-TONES (RPO D84)



*Silver on Body with
Gray Metallic on Hood
and Roof



Silver on Body with
Black on Hood and
Roof.



*Light Blue Metallic
on Body with Medium
Blue Metallic on Hood
and Roof.



Medium Green Metallic
on Body with Light
Green on Hood and
Roof.



Camel Metallic on Body
with Beige on Hood
and Roof.



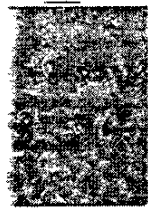
Carmine Metallic on
Body with Dark
Carmine Metallic on
Hood and Roof

*Not available on Landau.

VINYL ROOF COVERS Monte Carlo and Monte Carlo Landau.
Landau, Elk-grain (top). All others Levant-grain (bottom).



BLACK
With all exteriors
except 69



LIGHT BLUE*
With 11, 19, 21,
22, 29 exteriors

LIGHT GREEN
With 40, 44
exteriors

WHITE
With all exteriors
*Metallic

BEIGE
With 11, 19, 61,
63, 69 exteriors



DARK CARMINE*
With 77, 79
exteriors



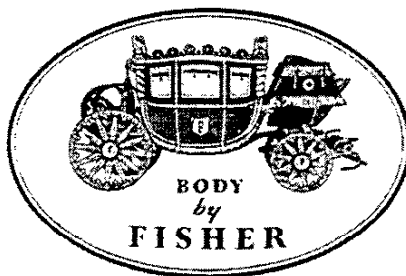
SILVER
With 15, 19, 29,
77, 79 exteriors

BODY BY FISHER QUALITY...

EXTERIOR PAINT PROCESSES

1. Assembled car bodies, fenders, and hoods are chemically treated prior to painting to improve corrosion resistance.
2. Specially formulated corrosion-resistant primers and waxes are applied to areas that are especially vulnerable to corrosion.
3. The fenders and hoods are primed inside and out by either flow-coating, dipping, or electrodeposition, which is an immersion process in which the paint is electrically plated out on the parts. These processes insure coverage in all seams and crevices.
4. The bodies are 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.
5. 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.
6. The color topcoat is then applied to a specified film thickness and baked.
7. To block out road noise and provide additional corrosion resistance, an asphaltic base deadener is sprayed inside the wheel housings at designated areas.
8. Paint repair, mars, nicks or scratches that occur during final assembly are corrected at the factory before shipment.

**It's a comfort to know
it's Body by Fisher**



ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

| Option Number | Description | Option Number | Description |
|---------------|---|---------------|--|
| AG9 | SEAT, POWER: Six-Way | N33 | STEERING WHEEL: Comfortilt |
| AK1 | BELTS, DELUXE: Color-Keyed Seat and Shoulder | N41 | STEERING, POWER |
| AU3 | DOOR LOCK SYSTEM, POWER | N95 | WHEEL TRIM: Wheel Covers, Wire |
| A01 | GLASS, TINTED: All Windows | QFK | TIRES: P205/70 R-14-B White Stripe (Radial) |
| A31 | WINDOWS, POWER | QFS | TIRES: P205/70 R-14-B Blackwall (Radial) |
| A90 | TRUNK OPENER, POWER | TR9 | LIGHTING, AUXILIARY |
| BW2 | MOLDINGS: Body Side, Deluxe | UA1 | BATTERY, HEAVY-DUTY |
| BX2 | MOLDINGS: Bright Body Sill | UF7 | GAGE PACKAGE |
| B3W | PRELIMINARY PRICE INFORMATION | UM1 | RADIO EQUIPMENT: AM Radio with 8-Track Stereo Tape |
| B37 | FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear | UM2 | RADIO EQUIPMENT: AM/FM Stereo Radio with 8-Track Stereo Tape |
| B48 | LUGGAGE COMPARTMENT TRIM, DELUXE | UN3 | RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape |
| B85 | MOLDINGS: Side Window Sill | UP5 | RADIO EQUIPMENT: AM/FM/Citizens Band Radio with Power Antenna |
| B93 | MOLDINGS: Door Edge Guard | UP6 | RADIO EQUIPMENT: AM/FM Stereo/Citizens Band Radio with Power Antenna |
| CA1 | SKY ROOF, POWER | UX6 | RADIO EQUIPMENT: Speakers, Dual Front |
| CC1 | ROOF PANELS: Removable Glass | U14 | INSTRUMENTATION: Special |
| 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 |
| C95 | LIGHT, DOME READING | U75 | RADIO EQUIPMENT: Power Antenna |
| D24 | CONTAINER, LITTER | U76 | RADIO EQUIPMENT: Windshield Antenna |
| D33 | MIRROR: Outside Rearview, LH Remote Control | U80 | RADIO EQUIPMENT: Speaker, Rear Seat |
| D34 | MIRROR: RH Visor | V01 | RADIATOR, HEAVY-DUTY |
| D35 | MIRRORS: Sport, LH Remote and RH Manual | YF5 | EMISSION SYSTEM: California Emission Requirements |
| D55 | CONSOLE | ZJ7 | WHEEL TRIM: Wheels, Rally, Color-Keyed |
| D60 | NON-RECOMMENDED COLOR COMBINATION | Z03 | LANDAU (Model Option) |
| D64 | MIRROR: RH Visor, Illuminated | 11A | STRIPING: White |
| D68 | MIRRORS: Sport, Twin Remote | 13A | STRIPING: Silver |
| D84 | PAINT: Custom Two-Tone | 19A | STRIPING: Black |
| D85 | STRIPING, PIN: Body Side | 27A | STRIPING: Light Blue |
| F40 | SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear | 49A | STRIPING: Light Green |
| G80 | AXLE, REAR: Limited Slip Differential | 54A | STRIPING: Gold |
| G92 | AXLE, REAR: Performance Ratio | 75A | STRIPING: Red |
| K30 | SPEED CONTROL: Automatic | 11Q | MOLDINGS: White |
| K81 | GENERATOR: 63-Amp Delcotron | 15Q | MOLDINGS: Silver |
| ✓LC6 | ENGINE: 3.8 Litre 2 BBL V6 | 19Q | MOLDINGS: Black |
| LD5 | ENGINE: 3.8 Litre 2 BBL V6 | 22Q | MOLDINGS: Light Blue |
| LG4 | ENGINE: 5.0 Litre 4 BBL V8 | 40Q | MOLDINGS: Light Green |
| L26 | ENGINE: 3.3 Litre 2 BBL V6 | 61Q | MOLDINGS: Beige |
| L39 | ENGINE: 4.4 Litre 2 BBL V8 | 79Q | MOLDINGS: Dark Carmine |
| MM3 | TRANSMISSION: 3-Speed Manual | | |
| MX1 | TRANSMISSION: Automatic | | |
| NA5 | EMISSION SYSTEM: Standard Emission Equipment | | |
| NA6 | EMISSION SYSTEM: High Altitude Emission Equipment | | |

MONTE CARLO LANDAU

VINYL ROOF SELECTION

| Vinyl Roof | Code | Exterior Color Availability | |
|---------------------|------|-----------------------------|----------------------------------|
| | | Recommended | Acceptable |
| Beige | UU | 61, 63 or 69 | 11 or 19 |
| Black | BB | 11, 15, 19, 54 or 61 | 21, 22, 29, 40, 44, 63, 77 or 79 |
| Blue, Light (Met) | DD | 11, 19, 21, 22 or 29 | |
| Carmine, Dark (Met) | RR | 77 or 79 | |
| Green, Light | GG | 40 or 44 | |
| Silver | QQ | 15 or 19 | 29, 77 or 79 |
| White | WW | All except 15 or 21 | 15 or 21 |

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart 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. Orders for additional combinations may be submitted, provided the dealer checks the appropriate order form box (D60), as verification that the requested combination is definitely desired. CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

| Seat, Headliner and Door Trim Color | | Black | Blue | Camel | Carmine | Green | Oyster |
|---------------------------------------|----------------------------|-------|------|-------|---------|-------|--------|
| Instrument Panel Pad and Carpet Color | | Black | Blue | Camel | Carmine | Green | Gray |
| MODEL SEAT TYPE | | | | | | | |
| 1A237/Z03 | Cloth Bench | CBB1 | CDD1 | CCC1 | CRR1 | CGG1 | |
| | Cloth Bucket | CBB2 | CDD2 | CCC2 | CRR2 | | |
| | Vinyl Bench | | VDD1 | VCC1 | VRR1 | VGG1 | VWW1 |
| | Vinyl Bucket | | VDD2 | VCC2 | VRR2 | VGG2 | VWW2 |
| | Special Custom Cloth 55/45 | LBB3 | LDD3 | LCC3 | LRR3 | LGG3 | LWW3 |

WITHOUT D84 CUSTOM TWO-TONE PAINT

| EXTERIOR PAINT COLOR | | COLOR CODE | | | | | | | |
|----------------------|----|---------------------|--------------------|---|---|---|---|---|---|
| | | L | V | | | | | | |
| Beige | 61 | VINYL ROOF REQUIRED | SEE VINYL SELECTOR | R | | R | A | R | |
| Black | 19 | | | R | R | R | R | R | R |
| Blue, Dark (Met) | 29 | | | A | R | A | | | A |
| Blue, Light (Met) | 22 | | | A | R | | | | A |
| Blue, Pastel | 21 | | | A | R | | | | A |
| Brown, Dark (Met) | 69 | VINYL ROOF REQUIRED | SEE VINYL SELECTOR | A | | R | | | A |
| Camel (Met) | 63 | | | A | | R | | | A |
| Carmine (Met) | 77 | | | A | | A | R | | A |
| Carmine, Dark (Met) | 79 | | | A | | R | R | | A |
| Green, Light | 40 | | | A | | A | | R | |
| Green, Medium (Met) | 44 | VINYL ROOF REQUIRED | SEE VINYL SELECTOR | A | | A | | R | |
| Silver | 15 | | | R | | | R | | R |
| White | 11 | | | R | R | R | R | R | R |
| Yellow, Light | 54 | | | R | | R | | | R |

L = Lower V = Vinyl Roof

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) (REFER PAGE 6 FOR ADDITIONAL INFORMATION) (D60 NON-RECOMMENDED COLOR COMB NOT PERMITTED)

| EXTERIOR PAINT COLOR | | COLOR CODE | | | | | | | |
|----------------------|----|------------|---|---|--|---|---|---|---|
| | | L | V | | | | | | |
| Silver/Black | 05 | BB | | R | | | R | | R |
| Camel (Met)/Beige | 63 | UU | | A | | R | | | |
| Carmine/Carmine, Dk | 77 | RR | | A | | R | R | | A |
| Green, Med/Green, Lt | 44 | GG | | A | | | | R | |

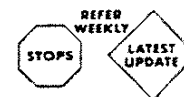
L = Lower V = Vinyl Roof

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

| ENGINE OPTION CONDITION | AXLE RATIO | | | |
|---|------------|------|------|------|
| | 2.29 | 2.41 | 2.73 | 3.23 |
| WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSIONS | | | | |
| L26 | — | — | Std | — |
| LD5 | — | Std | — | — |
| L39 | Std | — | — | — |
| LG4 | Std | — | G92 | — |
| WITH YF5 CALIFORNIA EMISSIONS | | | | |
| LC6 | — | — | Std | — |
| LG4 | Std | — | G92 | — |
| WITH NA6 HIGH ALTITUDE EMISSIONS | | | | |
| LD5 | — | — | — | *Std |
| LG4 | — | — | Std | — |

*N/A G80

MONTE CARLO LANDAU



MODEL
1AZ37 Z03 Monte Carlo Landau Coupe

✓ **Z03** Landau (Reqs Vinyl Roof Cover) (Incls Automatic Transmission, Power Steering, Sport Mirrors, RH Visor Mirror and Bright Body Sill Molding) (Refer Page 6 for Standard Stripe Color)

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

— L26 3.3 Litre 2 BBL V6
— LD5 3.8 Litre 2 BBL V6
— L39 4.4 Litre 2 BBL V8
— LG4 5.0 Litre 4 BBL V8

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT (Recommended Above 4000 Foot Altitude)

— LD5 3.8 Litre 2 BBL V6
— LG4 5.0 Litre 4 BBL V8

CALIFORNIA EMISSION REQUIREMENTS (REQS YF5)

✓ — LC6 3.8 Litre 2 BBL V6 (N/A U14 Inst or UF7 Gages)
— LG4 5.0 Litre 4 BBL V8

QUICK-SPEC

IF TIRE IN QUICK-SPEC IS NOT DESIRED
YOU **MUST** "PLUS" ANOTHER TIRE
OPTION.

| | | | | | |
|--------------------------------------|-----|---|-----|-----|-----|
| | 4 | 4 | 4 | 4 | 4 |
| | 6 | 6 | 6 | 6 | 6 |
| | 5 | 6 | 7 | 8 | 9 |
| | B | B | B | B | B |
| Landau | Z03 | x | x | x | x |
| Air Conditioning | C60 | x | x | x | x |
| Belts, Deluxe | AK1 | x | x | x | x |
| Console (w Bucket Seats) | D55 | x | x | x | x |
| Glass, Tinted | AG1 | x | x | x | x |
| Mats, Color-Keyed Floor | B37 | x | x | x | x |
| Moldings, Body Side Deluxe | BW2 | x | x | x | x |
| Radio, AM | U63 | x | N/I | N/I | N/I |
| Steering Wheel, Comfortilt | N33 | x | x | x | x |
| Tires, P205 70 R-14-B White Stripe | QFK | x | x | x | x |
| Lighting, Auxiliary | TR9 | x | x | x | x |
| Moldings, Door Edge Guard | B93 | x | x | x | x |
| Radio, AM/FM | U69 | x | N/I | N/I | N/I |
| Speaker, Rear Seat | U80 | x | N/I | N/I | N/I |
| Speed Control | K30 | x | x | x | x |
| Wheel Covers, Wire | N95 | x | x | x | x |
| Windows, Power | A31 | x | x | x | x |
| Defogger, Rear Window Electric | C49 | x | x | x | x |
| Door Lock System, Power | AU3 | x | x | x | x |
| ✓ Gage Package (w/o LC6 Eng) | UF7 | x | x | x | x |
| Mirrors, Twin Remote Sport | D68 | x | x | x | x |
| Radio, AM/FM Stereo | U58 | x | N/I | N/I | N/I |
| Moldings, Side Window Sill | B85 | x | x | x | x |
| Power Antenna | U75 | x | x | x | x |
| Radio, AM/FM Stereo w/8-Track Stereo | UM2 | x | x | x | x |
| Tape | A90 | x | x | x | x |
| Trunk Opener, Power | CD4 | x | x | x | x |
| W/S Wiper System, Intermittent | CD4 | x | x | x | x |
| ✓ Container, Litter (w/o LC6 Eng) | D24 | x | x | x | x |
| Luggage Compartment Trim | B48 | x | x | x | x |
| Mirror, Illuminated RH Visor | D64 | x | x | x | x |
| Seat Power (w/o Bucket Seats) | AG9 | x | x | x | x |

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

| Q-S | OPTION | |
|-----|--------|---|
| 465 | ✓C60 | AIR CONDITIONING |
| — | G92 | AXLES, REAR: |
| — | G80 | — Performance Ratio (See Power Teams Chart) |
| — | UA1 | — Limited Slip Differential (Incl stowaway spare tire) |
| 465 | AK1 | BATTERY, HEAVY-DUTY |
| 465 | D55 | BELTS, DELUXE: Color-Keyed Seat and Shoulder (Incl w/Special Custom Trim) |
| 469 | ✓D24 | CONSOLE: (Reqs Bucket Seats) |
| 467 | C49 | CONTAINER, LITTER: (N/A LC6 Eng) |
| 467 | AU3 | DEFOGGER, REAR WINDOW: Electric |
| — | YF5 | DOOR LOCK SYSTEM, POWER |
| — | NA6 | EMISSION SYSTEMS: (Must Order Only One) |
| — | NA5 | (See Power Teams Chart) |
| 465 | B37 | — California Emission Requirements |
| — | UF7 | — High Altitude Emission Equipment |
| — | K81 | — Standard Emission Equipment |
| 465 | A01 | FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear |
| — | ✓U14 | GAGE PACKAGE: (N/A LC6 Eng or U14 Inst) |
| — | C95 | GENERATOR: 63-Amp Delcotron (N/A C49 Defogger or C60 Air) |
| 466 | TR9 | GLASS, TINTED: All Windows |
| 469 | B48 | INSTRUMENTATION: Special (N/A LC6 Eng or UF7 Gages) |
| 467 | D68 | LIGHT, DOME READING |
| 469 | D64 | LIGHTING, AUXILIARY |
| 465 | BW2 | LUGGAGE COMPARTMENT TRIM, DELUXE |
| 466 | B93 | MIRRORS: |
| 468 | B85 | — Sport, Twin Remote |
| — | D84 | — Illuminated RH Visor |
| — | B3W | MOLDINGS: |
| — | VO1 | — Body Side, Deluxe (See Page 6 for Standard Color Application) |
| 465 | U63 | — Door Edge Guards |
| 466 | ✓U69 | — Side Window Sill |
| 467 | ✓U58 | PAINT, CUSTOM TWO-TONE: (Refer Page 2 for Exterior Paint Availability and Page 6 for Add'l Information) |
| — | UM1 | PRELIMINARY PRICE INFORMATION |
| 468 | ✓UM2 | RADIATOR, HEAVY-DUTY |
| — | ✓UN3 | RADIO EQUIPMENT: |
| — | UP5 | — AM Radio |
| — | UP6 | — AM/FM Radio (w/LC6 Eng w/o C60 Air Reqs U75 Antenna) |
| 466 | U80 | — AM/FM Stereo Radio (w/LC6 Eng w/o C60 Air Reqs U75 Antenna) |
| — | UX6 | — AM Radio w/8-Track Stereo Tape |
| — | ✓U76 | — AM/FM Stereo Radio w/8-Track Stereo Tape (w/LC6 Eng w/o C60 Air Reqs U75 Antenna) |
| 468 | ✓U75 | — AM/FM Stereo Radio w/Stereo Cassette Tape (w/LC6 Eng w/o C60 Air Reqs U75 Antenna) |
| — | AG9 | — AM/FM/Citizens Band Radio w/Power Antenna (Reqs U80 Speaker) (N/A U75 Antenna) |
| — | CA1 | — AM/FM Stereo/Citizens Band Radio w/Power Antenna (N/A U75 Antenna) |
| 466 | K30 | — Speaker, Rear Seat (Reqs U63, U69 or UP5 Radio) |
| 465 | N33 | — Speakers, Dual Front (Reqs U63 or U69 Radio) |
| — | F40 | — Incl w/U58, UM1, UM2 or UN3 Radio |
| 465 | QFK | — Windshield Antenna (N/A UP5 or UP6 Radio) |
| 468 | QFS | — (N/A LC6 Eng w/o C60 Air Cond) (Incl w/Above Radio Equip w/o U75 Antenna) |
| 469 | A90 | — Power Antenna (Reqs Radio or LC6 Eng w/o C60 Air Cond) (N/A U76 Antenna, UP5 or UP6 Radio) |
| 466 | N95 | ROOF COVER, VINYL: (See Vinyl Roof Chart) |
| 468 | A31 | SEAT, POWER: Six-Way (N/A Bucket Seats) (Driver's Side Only w/55/45 Seat) |
| 468 | CD4 | SKY ROOF, POWER |
| — | — | SPEED CONTROL: Automatic |
| — | — | STEERING WHEEL: Comfortilt |
| — | — | SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear |
| — | — | TIRES: (B/W Blackwall, W/S: White Stripe) |
| — | — | — P205/70 W/S |
| — | — | — P205/70 BW (Base) |
| — | — | TRUNK OPENER, POWER |
| — | — | WHEEL TRIM: Wheel Covers, Wire |
| — | — | WINDOWS: Power |
| — | — | WINDSHIELD WIPER SYSTEM: Intermittent |

VINYL ROOF SELECTION

| Vinyl Roof | Code | Exterior Color Availability | |
|---------------------------|------|-----------------------------|----------------------------------|
| | | Recommended | Acceptable |
| Beige | UU | 61, 63 or 69 | 11 or 19 |
| Black | BB | 11, 15, 19, 54 or 61 | 21, 22, 29, 40, 44, 63, 77 or 79 |
| Blue, Light (Met) | DD | 11, 19, 21, 22 or 29 | |
| Carminc, Dark (Met) | RR | 77 or 79 | |
| Green, Light | GG | 40 or 44 | |
| Silver | QQ | 15 or 19 | 29, 77 or 79 |
| White | WW | All except 15 or 21 | 15 or 21 |

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart 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. Orders for additional combinations may be submitted, provided the dealer checks the appropriate order form box (D60), as verification that the requested combination is definitely desired. CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

| Seat, Headliner and Door Trim Color | | Black | Blue | Camel | Carminc | Green | Oyster |
|---------------------------------------|----------------------------------|-----------|------|-------|---------|-------|--------|
| Instrument Panel Pad and Carpet Color | | Black | Blue | Camel | Carminc | Green | Gray |
| MODEL | | SEAT TYPE | | | | | |
| 1A237 | Cloth Bench | CBB1 | CDD1 | CCC1 | CRR1 | CGG1 | |
| | Cloth Bucket | CBB2 | CDD2 | CCC2 | CRR2 | | |
| | Vinyl Bench | | VDD1 | VCC1 | VRR1 | VGG1 | VWW1 |
| | Vinyl Bucket | | VDD2 | VCC2 | VRR2 | VGG2 | VWW2 |
| | Special Custom Cloth 55/45 | LBB3 | LDD3 | LCC3 | LRR3 | LGG3 | LWW3 |

WITHOUT D84 CUSTOM TWO-TONE PAINT

| EXTERIOR PAINT COLOR | COLOR CODE | | | | | | | |
|----------------------|------------|----|---|---|---|---|---|---|
| | L | U | | | | | | |
| Beige | 61 | 61 | R | | R | A | R | |
| Black | 19 | 19 | R | R | R | R | R | R |
| Blue, Dark (Met) | 29 | 29 | A | R | A | | | A |
| Blue, Light (Met) | 22 | 22 | A | R | | | | A |
| Blue, Pastel | 21 | 21 | A | R | | | | A |
| Brown, Dark (Met) | 69 | 69 | A | | R | | | A |
| Camel (Met) | 63 | 63 | A | | R | | | A |
| Carminc (Met) | 77 | 77 | A | | A | R | | A |
| Carminc, Dark (Met) | 79 | 79 | A | | R | R | | A |
| Green, Light | 40 | 40 | A | | A | | R | |
| Green, Medium (Met) | 44 | 44 | A | | A | | R | |
| Silver | 15 | 15 | R | | | R | | R |
| White | 11 | 11 | R | R | R | R | R | R |
| Yellow, Light | 54 | 54 | R | | R | | | R |

L = Lower U = Upper

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) (REFER TO PAGE 6 FOR ADDITIONAL INFORMATION) (D60 NON-RECOMMENDED COLOR COMB NOT PERMITTED)

| EXTERIOR PAINT COLOR | COLOR CODE | | | | | | | |
|----------------------|------------|----|---|---|---|---|---|---|
| | L | U | | | | | | |
| Blue, Lt/Blue, Med | 22 | 22 | A | R | | | | A |
| Camel (Met)/Beige | 63 | 63 | A | | R | | | |
| Carminc/Carminc, Dk | 77 | 77 | A | | R | R | | A |
| Green, Med/Green, Lt | 44 | 44 | A | | | | R | |
| Silver/Black | 05 | 05 | R | | | R | | R |
| Silver/Gray | 15 | 15 | R | | | R | | R |

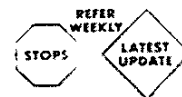
L = Lower U = Upper

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

| ENGINE OPTION CONDITION | | AXLE RATIO | | | | |
|---|------------|------------|------|------|------|------|
| | | 2.29 | 2.41 | 2.73 | 2.93 | 3.23 |
| WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSIONS | | | | | | |
| L26 | MM3 or MX1 | — | — | Std | — | — |
| LD5 | MX1 | — | Std | — | — | — |
| L39 | MX1 | Std | — | — | — | — |
| LG4 | MX1 | Std | — | G92 | — | — |
| WITH YF5 CALIFORNIA EMISSIONS | | | | | | |
| LC6 | MX1 | — | — | Std | — | — |
| LG4 | MX1 | Std | — | G92 | — | — |
| WITH NA6 HIGH ALTITUDE EMISSIONS | | | | | | |
| LD5 | MX1 | — | — | — | — | *Std |
| LG4 | MX1 | — | — | Std | — | — |

*N/A G80

MONTE CARLO



MODEL
1AZ37 Monte Carlo Sport Coupe

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

— L26 3.3 Litre 2 BBL V6
— LD5 3.8 Litre 2 BBL V6
— L39 4.4 Litre 2 BBL V8
— LG4 5.0 Litre 4 BBL V8

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT (Recommended Above 4000 Foot Altitude)

— LD5 3.8 Litre 2 BBL V6 (Reqs MX1 Trans)
— LG4 5.0 Litre 4 BBL V8 (Reqs MX1 Trans)

CALIFORNIA EMISSION REQUIREMENTS (REQS YF5)

✓ — LC6 3.8 Litre 2 BBL V6 (Reqs MX1 Trans)
(N/A U14 Inst or UF7 Gages)
— LG4 5.0 Litre 4 BBL V8 (Reqs MX1 Trans)

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

| | | | | | | |
|--|-----|---|-----|-----|-----|-----|
| Air Conditioning | C60 | x | x | x | x | x |
| Console (w/ Bucket Seats Only) | D55 | x | x | x | x | x |
| Glass, Tinted | A01 | x | x | x | x | x |
| Mirror, LH Remote | D33 | x | N/I | N/I | N/I | N/I |
| Moldings, Body Side Deluxe | BW2 | x | x | x | x | x |
| Radio, AM | U63 | x | x | N/I | N/I | N/I |
| Steering, Power | N41 | x | x | x | x | x |
| Tires, P205/70 R-14-8 White Stripe | QFK | x | x | x | x | x |
| Transmission, Automatic | MX1 | x | x | x | x | x |
| Belts, Deluxe | AK1 | | x | x | x | x |
| Mats, Color-Keyed Floor | B37 | | x | x | x | x |
| Mirrors, Sport LH Remote and RH Manual | D35 | | x | x | x | x |
| Moldings, Door Edge Guard | B93 | | x | x | x | x |
| Lighting, Auxiliary | TR9 | | x | x | x | x |
| Speed Control | K30 | | x | x | x | x |
| Steering Wheel, Comfortilt | N33 | | x | x | x | x |
| Wheels, Rally | ZJ7 | | x | x | N/I | N/I |
| Defogger, Rear Window Electric | C49 | | x | x | x | x |
| Door Lock System, Power | AU3 | | x | x | x | x |
| Moldings, Bright Body Sill | BX2 | | x | x | x | x |
| Radio, AM/FM | U69 | | x | N/I | N/I | N/I |
| Speaker, Rear Seat | U80 | | x | N/I | N/I | N/I |
| Windows, Power | A31 | | x | x | x | x |
| ✓ Gage Package (w/o LC6 Eng) | UF7 | | x | x | | |
| Moldings, Side Window Sill | B85 | | x | x | x | x |
| Radio, AM/FM Stereo | U58 | | x | x | N/I | N/I |
| Wheel Covers, Wire | N95 | | x | x | x | x |
| W/S Wiper System, Intermittent | CD4 | | x | x | | |
| ✓ Container, Litter (w/o LC6 Eng) | D24 | | | | x | |
| Power Antenna | U75 | | | | x | |
| Radio, AM/FM Stereo w/ 8-Track Stereo Tape | UM2 | | | | x | |
| Seat Power (w/o Bucket Seats) | AG9 | | | | x | |
| Trunk Opener, Power | A90 | | | | x | |

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING
Q-S OPTION

| | | |
|-----|------|--|
| 460 | ✓C60 | AIR CONDITIONING: (N/A MM3 Trans) |
| | G92 | AXLES, REAR: |
| | G80 | — Performance Ratio (See Power Teams Chart) |
| | | — Limited Slip Differential (Includes Stowaway Spare Tire) |
| | UA1 | BATTERY, HEAVY-DUTY |
| 461 | AK1 | BELTS, DELUXE: Color-Keyed Seat and Shoulder (incl w/ Special Custom Trim) |
| 460 | D55 | CONSOLE: (Reqs Bucket Seats) |
| 464 | ✓D24 | CONTAINER, LITTER: (N/A LC6 Eng) |
| 462 | C49 | DEFOGGER, REAR WINDOW: Electric |
| 462 | AU3 | DOOR LOCK SYSTEM, POWER |
| | | EMISSION SYSTEMS: (Must Order Only One) |
| | | (See Power Teams Chart) |
| | YF5 | — California Emission Requirements |
| | NA6 | — High Altitude Emission Equipment |
| | NA5 | — Standard Emission Equipment |

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING
Q-S OPTION

| | | |
|-----|------|--|
| 461 | B37 | FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear |
| 463 | ✓UF7 | GAUGE PACKAGE: (N/A LC6 Eng or U14 Inst) |
| | K81 | GENERATOR: 63-Amp Delcotron (N/A C49 Defogger or C60 Air) |
| 460 | A01 | GLASS, TINTED: All Windows |
| | ✓U14 | INSTRUMENTATION: Special (N/A LC6 Eng or UF7 Gages) |
| | C95 | LIGHT, DOME READING: (N/A CC1 Roof Panels) |
| 461 | TR9 | LIGHTING, AUXILIARY |
| | B48 | LUGGAGE COMPARTMENT TRIM, DELUXE |
| | | MIRRORS: |
| 460 | D33 | — Outside Rearview, LH Remote Control |
| 461 | D35 | — Sport, LH Remote and RH Manual |
| | D68 | — Sport, Twin Remote |
| | D34 | — RH Visor |
| | D64 | — RH Visor, Illuminated |
| | | MOLDINGS: |
| 460 | BW2 | — Body Side, Deluxe (See Page 6 for Standard Color Application) |
| 462 | BX2 | — Bright Body Sill |
| 461 | B93 | — Door Edge Guards |
| 463 | B85 | — Side Window Sill |
| | D84 | PAINT, CUSTOM TWO-TONE: (N/A Vinyl Roof Cover) (Refer Page 4 for Exterior Paint Availability and Page 6 for Add'l Information) |
| | B3W | PRELIMINARY PRICE INFORMATION |
| | V01 | RADIATOR, HEAVY-DUTY |
| | | RADIO EQUIPMENT: |
| 460 | U63 | — AM Radio |
| 462 | ✓U69 | — AM/FM Radio (w/LC6 Eng w/o C60 Air Cond Reqs U75 Antenna) |
| 463 | ✓U58 | — AM/FM Stereo Radio (w/LC6 Eng w/o C60 Air Cond Reqs U75 Antenna) |
| | UM1 | — AM Radio w/8-Track Stereo Tape |
| 464 | ✓UM2 | — AM/FM Stereo Radio w/8-Track Stereo Tape (w/LC6 Eng w/o C60 Air Cond Reqs U75 Antenna) |
| | ✓UN3 | — AM/FM Stereo Radio w/Stereo Cassette Tape (w/LC6 Eng w/o C60 Air Cond Reqs U75 Antenna) |
| | UP5 | — AM/FM/Citizens Band Radio w/Power Antenna (Reqs U80 Speaker) (N/A U75 Antenna) |
| | UP6 | — AM/FM Stereo/Citizens Band Radio w/Power Antenna (N/A U75 Antenna) |
| 462 | U80 | — Speaker, Rear Seat (Reqs U63, U59 or UP5 Radio) |
| | UX6 | — Speakers, Dual Front (Reqs U63 or U59 Radio) (incl w/ U58, UM1, UM2 or UN3 Radio) |
| | U76 | — Windshield Antenna (N/A UP5 or UP6 Radio) (N/A LC6 Eng w/o C60 Air Cond) (incl w/ Above Radio Equip w/o U75 Antenna) |
| 464 | ✓U75 | — Power Antenna (Reqs Radio or LC6 Eng w/o C60 Air Cond) (N/A U75 Antenna, UP5, or UP6 Radio) |
| | | ROOF COVER, VINYL: (N/A D84 Paint) (See Vinyl Roof Chart) |
| | CC1 | ROOF PANELS: Removable Glass (N/A MM3 Trans, CA1 Sky Roof or Vinyl Roof Cover) |
| 464 | AG9 | SEAT, POWER: Six-Way (N/A Bucket Seats) (Driver's side only w/ 55/45 Seat) |
| | CA1 | SKY ROOF, POWER |
| 461 | ✓K30 | SPEED CONTROL: Automatic (Reqs MX1 Trans, and N41 Steering) |
| 460 | N41 | STEERING, POWER: (N/A MM3 Trans) |
| 461 | N33 | STEERING WHEEL: Comfortilt |
| | D85 | STRIPING, PIN: Body Side (N/A D84 Paint) (Refer Page 6 for Standard Stripe Color Application) |
| | F40 | SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear |
| | | TIRES: (B/W: Blackwall, W/S: White Stripe) Steel Belted Radial Ply (R-14-B) |
| 460 | QFK | — P205/70 W/S |
| | QFS | — P205/70 B/W (Base) |
| | MM3 | TRANSMISSIONS: (See Power Teams Chart) |
| 460 | ✓MX1 | — 3-Speed Manual (Floor Mounted) (Reqs L26 Eng) (N/A YF5 Calif or NA6 Altitude) |
| 464 | ✓A90 | — Automatic (Reqs N41 Steering) |
| | | TRUNK OPENER, POWER |
| | | WHEEL TRIM: |
| 463 | N95 | — Wheel Covers, Wire |
| 461 | ZJ7 | — Wheels, Rally, Color-Keyed |
| 462 | A31 | WINDOWS: Power |
| 463 | CD4 | WINDSHIELD WIPER SYSTEM: Intermittent |

MODEL IDENTIFICATION

| BODY | SERIES NAME | BODY STYLE | MODEL DESIGNATION | PASS OR SEATS |
|-----------|-------------|-------------------|-------------------|---------------|
| A-SPECIAL | MONTE CARLO | 2-Dr. Sport Coupe | 1AZ37 | 6 |

MONTE CARLO

1979 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on and after July 2, 1979

| Description | Model Number | Body Code | Wheel Base | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price* | Group Number |
|---------------------|--------------|-----------|------------|------------------------|--------------|--------------|------------|-------------------------------|--------------|
| ◆ 6-Cylinder Engine | | | | | | | | | |
| Sport Coupe..... | 1A237 | — | 108.1" | — | — | — | — | 5332.84 | 5 |
| Landau Coupe..... | 1A237 | Z03 | 108.1" | — | — | — | — | 6182.84 | 5 |

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on and after July 2, 1979

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price◇ |
|---|---------------|------------------------|--------------|--------------|----------------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Interior Trim: | | | | | | |
| C**1 Cloth Bench Seat..... | | | | | NO ADDITIONAL CHARGE | |
| C**2 Cloth Bucket Seats..... | | | | | | 85.00 |
| V**1 Vinyl Bench Seat..... | | | | | | 26.00 |
| V**2 Vinyl Bucket Seats..... | | | | | | 85.00 |
| L**3 Special Custom Cloth 55/45 Seat..... | | | | | | 388.00 |
| Exterior Color: | | | | | | |
| Paint, Solid..... | | | | | NO ADDITIONAL CHARGE | |
| Custom Two-Tone. Includes lower body accent, color-keyed striping and outside door handle colored insert. | | | | | | |
| With Z03 Landau..... | D84 | | | | | 120.00 |
| Without Z03 Landau..... | D84 | | | | | 160.00 |
| Roof Cover, Vinyl. Standard on Z03 Landau..... | | | | | | 131.00 |
| Engines: (Refer to Dealer Order Guide for Emission System Requirements) | | | | | | |
| 3.3 Litre 2 BBL V6..... | L26 | | | | NO ADDITIONAL CHARGE | |
| 3.8 Litre 2 BBL V6..... | LC6 | | | | | 40.00 |
| 3.8 Litre 2 BBL V6..... | LD5 | | | | | 40.00 |
| 4.4 Litre 2 BBL V8..... | L39 | | | | | 265.00 |
| 5.0 Litre 4 BBL V8..... | LG4 | | | | | 370.00 |
| Air Conditioning: Four-Season. Includes increased cooling..... | C60 | | | | | 562.00 |
| Axles, Rear: | | | | | | |
| Performance Ratio..... | G92 | | | | | 18.00 |
| Limited Slip Differential..... | G80 | | | | | 64.54 |
| Battery, Heavy-Duty | UA1 | | | | | 20.00 |
| Belts, Deluxe: Color-Keyed Seat and Shoulder. Included with special custom trim. Includes brushed metal buckles. (Standard belts and plastic buckles are black). Replacing standard number of belts. | | | | | | |
| With bench seat—6 seat and 2 front shoulder..... | AK1 | | | | | 23.00 |
| With bucket seats—5 seat and 2 front shoulder..... | AK1 | | | | | 21.00 |
| Console: Shift lever mounted on console..... | D55 | | | | | 80.00 |
| Container, Litter: Color-Keyed..... | D24 | | | | | 7.50 |
| Defogger, Rear Window: Electric..... | C49 | | | | | 99.00 |
| Door Lock System, Power: Electric..... | AU3 | | | | | 86.00 |
| Emission Systems: | | | | | | |
| <i>California Emission Requirements.</i> Includes all testing, equipment and /or certification necessary for registration in the State of California | | | | | | |
| Without LC6 3.8 Litre 2 BBL V6 Engine..... | YF5 | | | | | 83.00 |
| With LC6 3.8 Litre 2 BBL V6 Engine..... | YF5 | | | | | 150.00 |
| High Altitude Emission Equipment | NA6 | | | | | 35.00 |
| Standard Emission System | NA5 | | | | NO ADDITIONAL CHARGE | |
| Floor Covering: 2 front and 2 rear color-keyed floor mats | B37 | | | | | 23.00 |

- * Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
 † Factory D & H Charges reflect provisions for pass through of tire weight tax imposed on manufacturer or importer of tires.
 ◇ State and local taxes not included.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT

FRONT

MONTE CARLO

| | |
|--|-----|
| Bright Windshield Reveal Molding | X |
| Concealed Windshield Wipers with Non-Articulated Arms (F) | X |
| Rectangular Fender Mounted Parking Lamp, Clear Lens with Amber Bulb, Incorporating Amber Lens in Fender Wrap-Around Portion to form Side Marker Lamp (C) | X-N |
| Radiator Grille and Peripheral Moldings, Chrome Plated Plastic (C) | X-N |
| Headlamps, Rectangular, Single (C) | X |
| Bright Headlamp Bezels (C) | X |
| "Monte Carlo" Nameplate on Header Panel (L.H. Side) (C) | X |
| Upright Mounted Monte Carlo Crest in Center of Front End Panel (C) | X |
| Body Colored Front Bumper with Bright Accent Strips (C) | X |

SIDE

| | |
|--|---|
| Sail Panel Crest | X |
| Bright LH Outside Rear View Mirror | X |
| Body Side Lower Molding - Bright with Blue-Gray Center (F & C) | X |
| Bright Drip Moldings | X |
| Bright Wheel Opening Moldings | X |
| Bright/Black B-Pillar Molding (F) | X |
| Bright Belt Bead Molding - Door and Quarter (F) | X |
| Wheel Trim Covers (C) | X |
| Bright Lift Bar Door Handles | X |
| Front Fender Nameplate Script - "Monte Carlo" | X |

REAR

| | |
|--|-----|
| Deck Lid Nameplate "Monte Carlo" Script and Bow Tie Above R.H. Taillamp (F) | X |
| Bright Rear Window Reveal Molding | X |
| Four-Segment Tail Lamps with Bright Bezel, Mounted in Rear End Panel, with Wrap-around Feature Forming Side Marker Lamps (Inboard portion, clear lens backup lamp) (F) | X-N |
| Monte Carlo Crest on Deck Lid Lock Cylinder Cover (F) | X |
| Bright License Plate Pocket Molding (F) | X-N |
| Bright Molding Along Lower Edge of Deck Lid (F) | X |
| Body Colored Rear Bumper with Bright Accent Strips (C) | X |

(C) = Chevrolet Item
(F) = Fisher Item
N = New for 1979

Prices shown are effective with vehicles produced on and after January 2, 1979

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
 ◇ Factory D & H Charges reflect provisions for pass through of the weight tax imposed on manufacturer or importer of tires.
 ♦ State and local taxes not included.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING WHEEL

MONTE CARLO

| | |
|--|-----|
| Glove Compartment, Ash Tray and Instrument Panel Courtesy Lamps (C) | X |
| Heater Control Light (C) | X |
| Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights (C) | X |
| Hi-Beam and Turn Signal Indicators (C) | X |
| Two-Speed Windshield Wiper and Washer Switch (Slide Type Depress to Wash) - Illuminated (C) | X |
| Lighting Control Knob, Black Barrel with Brushed Aluminum Face (C) | X |
| Black Hazard Flasher Knob (C) | X |
| Radio Knobs, Black Barrel with Brushed Aluminum Face (C) | X |
| Soft Black Turn Signal/Headlamp Dimmer and Transmission Shift Lever Knobs (C) | X |
| Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock (C) | X |
| Black Parking Brake Release Handle, Integrated into IP (C) | X |
| Black T-Handle Interior Hood Release (C) | X |
| Blended Air Heater (C) | X |
| Ash Tray, Tip Down Type, Under Center Portion of IP (C) | X |
| Cigarette Lighter Knob; Black Barrel with Brushed Aluminum Face (C) | X |
| 80 MPH (140 KPH) Speedometer and Odometer, Clock and Fuel Gage (C) | X |
| Instrument Panel Pad Color-Keyed to Interior (C) | X |
| Instrument Panel Astro-Ventilation Outlets (C) | X |
| Glove Compartment Door Lock (C) | X |
| "Monte Carlo" nameplate on Inst. Panel Pad, above Glove Compartment (F) | X |
| Round Instruments with Color Keyed Cluster Carrier (C) | X |
| Bright-Finished Inst. Cluster Face Plate Trim Beads on Heater Control Panel, Radio Cover Panel and Air Cond. Outlet Cover (F) | X-N |
| Color Keyed Steering Wheel and Column | X |
| Dual Vent Control Knobs at L.H. and R.H. of Steering Column (C) | X |
| Soft Vinyl Steering Wheel and Shroud with Bright Band Inset into Rim, Shield Emblem on Shroud (C) | X |
| Plastic Cowl Kick Pads (C) | X |
| Electric Clock, Round (C) | X |
| Fuel Gage ("Unleaded Fuel Only"), Round (C) | X |

GLASS

| | |
|---|---|
| Laminated Safety Plate Glass Windshield (Thin Design) | X |
| Solid Safety Plate Backlight | X |
| Solid Safety Plate Side Windows | X |

(C) = Chevrolet item
(F) = Fisher item
(N) = New for 1979

GENERAL

| | |
|--|-----|
| MODEL IDENTIFICATION | 2 |
| SERIAL NUMBERS AND IDENTIFICATION | 3 |
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| INTERIOR EQUIPMENT | 5-6 |
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| "LANDAU" OPTION EQUIPMENT RPO Z03 | 10 |
| "SUN ROOF" (TWIN HATCH TYPE) RPO CC1 | 11 |
| LUXURY INTERIOR OPTION RPO Z06 | 11 |
| AIR CONDITIONING EQUIPMENT RPO C60 | 12 |

EXTRA COST EQUIPMENT

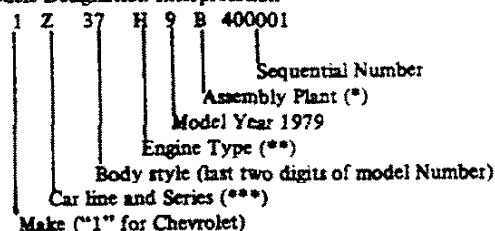
| EQUIPMENT | RPO | ACC |
|--|-----|-----|
| POWER ASSISTS | | |
| Locks, Electric Door | AU3 | |
| Rear Compartment Remote Control Electric Lock | A90 | |
| Sunroof | CA1 | |
| Seat, 6-Way Electric Control Bench | A42 | |
| Window, Electric Control | A31 | |
| Brakes, Power (Optional Non-A/C V6 engines required all other applications) | J50 | |
| Steering, Power (Required with Z10, V8 engines; Optional Non-A/C V6 engines) | N41 | |
| OTHER OPTIONS | | |
| Air Conditioning, Four-Season (See page 12 for content) | C60 | |
| Alarm, Theft | | X |
| Battery, Heavy Duty | UA1 | |
| Belts, Custom Deluxe Seat and Shoulder (Color Keyed to Interior) | AK1 | |
| Compass | | X |
| Console, Front Compartment Floor (Required Bucket Seats) | D55 | |
| Container, Litter and Tissue Dispenser (Saddle type) | | X |
| Defogger, Rear Window (Electric) | C49 | |
| Special Instrumentation | U14 | |
| Gauges, Instrument Panel | UF7 | |
| Generator, 63-Amp Delcotron | K81 | |
| Glass, Tinted - All Windows | A01 | |
| Glass, Tinted - Windshield only (Fleet use and Canadian use only) | A02 | |
| Guard, Vinyl Door Edge | | X |
| Guard Door Edge Stainless Steel | B93 | X |
| Harness, Trailering Wiring | | X |
| Hitch, Trailer - Equalizing Type | | X |
| Hitch, Trailer - Deadweight Type | | X |
| Heater, Engine Block | | X |
| Lighting, Auxiliary | TR9 | |
| Engine Compartment Lamp (U26) | | X |
| Instrument Compartment Courtesy Lamps (U29) (Standard) | | |
| Glove Compartment Lamp (U27) (Standard) | | X |
| Dome/Courtesy Lamp - Electronic Delay Switch (C94) | | X |
| Luggage Compartment Lamp (U25) | | X |
| Ash Tray Lamp (U28) (Standard) | | X |
| "Headlamp On" Buzzer (T63) | | |
| Litter Container | D24 | X |
| Mats, Front and Rear, Color Keyed, 2 Front and 2 Rear | B37 | X |
| Mirrors, Sport Outside Rear View Body Color - LH Remote Control and RH - Manual Control | D35 | |
| Mirror, Outside Remote-Control, Rear View LH | D33 | |
| Mirror, Visor Vanity, RH | D34 | X |
| Mirrors, Sport Outside Rear View Remote Control Body Color | D68 | |
| Mirror, Illuminated Visor Vanity | D64 | |

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



*B - Baltimore-GMAD R - Arlington-GMAD
D - Doraville-GMAD Z - Fremont-GMAD
L - Leeds-GMAD #1 - Oshawa (Canadian Plt.)

M - V6 200 (94 H.P.) J - V8 267 (125 H.P.)
A - V6 231 (115 H.P.) H - V8 305 (160 H.P.)(**)

*** - Monte Carlo

EXAMPLE: The twenty-fifth Monte Carlo vehicle built at GMAD Baltimore 1AZ37 model (Monte Carlo Sport Coupe) with a V8-305 (160 H.P.) engine would bear VIN number 1Z37H9B400025

Location Stamped on plate attached to top left hand of instrument panel.

TRANSMISSION IDENTIFICATION

Example: S9E01

| Type | Source | Model Year | Production ^o |
|-------------|---------------|------------|-------------------------|
| Designation | Designation | 1979 | Month & Date |
| SA | S - (Muncie) | 9 | E01D* |
| SA | 3-Speed | V-6 engine | S - Muncie |
| 6WA | 3-Speed Auto. | V-6 engine | B - Parma |
| 6WG | 3-Speed Auto. | V-8 engine | B - Parma |

Location:

3-Speed Stamped on right side of the case, at adapter.
3-Speed Automatic Stamped on right side transmission, above filler plug.

o-Month: E denotes May; (see below) 01 denotes 1st day
Alpha Characters used in identifying the calendar Month

A - January D - April K - July R - October
B - February E - May M - August S - November
C - March H - June P - September T - December

*-The letter "D" or "N" following the date numerals indicates day or night shift, on automatic only.

ENGINE IDENTIFICATION

Example: F1210DHA

| Source Designation | Production* Month & Date | Type Designation |
|--------------------|--------------------------|------------------|
| F (Flint) | 1210 | DHA |

3.3L, 200 Cubic Inch V-6, Base Engine (RPO L26)

DHA - Regular engine, 3-Speed Transmission
DHB - Regular engine, 3-Speed Automatic

3.8L, 231 Cubic Inch V-6, (RPO LD5)

RB - Optional, 3-Speed Automatic

4.4L, 267 Cubic Inch V-8 (RPO L39)

DMD - Optional engine, 3-Speed Automatic

5.0L, 305 Cubic Inch V-8, (RPO LG4)

DNY - Optional engine, 3-Speed Automatic

Location:

V8-cylinder engine Stamped on pad at front right side of cylinder block.
V6-cylinder Stamped on pad at front right side of cylinder block.

* - Month: December, 12; 10th day of December, 10.

REAR AXLE IDENTIFICATION

2RA - 2.29 Axle
2BZ - 2.41 Axle
2RD - 2.73 Axle
2AD - 3.23 Axle

Location, Identification Number
Bottom left or right of axle tube adjacent to carrier housing.

See Power Train Section for additional information.

"LANDAU" OPTION EQUIPMENT

MONTE CARLO 'LANDAU' OPTION RPO Z03

AVAILABILITY

Standard model 1AZ37

POWER TRAIN AVAILABILITY

Same as standard model.

CONTENT (In addition to or in place of standard equipment)

EXTERIOR

Specific vinyl cover on front portion of roof.
Body side and rear pin striping (painted).
Sport mirrors (LH remote control, RH manual) (D35).
Specific "Landau" sail panel emblem.
Plastic wheel trim covers.
Bright roof top and sail panel moldings.
Bright, wide lower body side moldings, redesigned for 1979 to integrate the standard 1978 upper molding. Wide lower portion also extended to include area forward of front wheel and rearward of rear wheel opening. Same as RPO BX2.
Black painted rocker panel and lower surface of fender (below BX2 molding)

INTERIOR

Vanity visor mirror.
"Landau" plaque on instrument panel pad.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

ROOF AND PILLARS

MONTE CARLO

| | |
|---|-------|
| Headlining, Alpine Cloth over Thick Foam Padding (F) | X |
| Rear View Mirror 10" Prismatic - Textured Black Metal Vinyl Clad | X-C/O |
| Rear View Mirror Support, Bonded to W/S, Black Painted | X-C/O |
| Sunshade, Padded, Non-Hook, Victor Cloth Covered, Diagonal Break | |
| Line at Outboard Corner (F) | X |
| Roof Side Rail Garnish Moldings - Painted Aluminum (F) | X |
| Rear Window Moldings - Painted Aluminum (F) | X |
| Windshield Garnish Moldings - Painted Aluminum (F) | X |
| Rear Quarter Upper Trim Panel, Molded Plastic (F) | X |
| Coat Hooks, Plastic - Trim Color (F) | X |
| Center Dome Light - Plastic Lens (F) | X |
| Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar (F) | X |
| Front Door Jamb Switch for Dome Lamp R.H. Pillar (F) | X |

SEATS AND FLOOR COVERING

| | |
|--|---|
| Front and Rear Seat Cushion and Backrest, Full Molded Foam (F) | X |
| Bench Type Seats, Split Front Seat Backrest, Specific Seat Trim Design (F) | X |
| Three Point Front Seat Outboard Belt System (Lap & Shoulder) with Single Locking Retractor (One per Side), Black (F) | X |
| Front Seat Center Lap Belt, Black (F) | X |
| Front Seat Head Restraints (F) | X |
| Package Shelf, Embossed Board (F) | X |
| Carpet, Floor Covering - Nylon Cut Pile (F) | X |
| Inertia Type Front Seat Back Locks (F) | X |
| Rear Passenger Compartment Ash Tray in Driver's Seat Back (F) | X |

DOOR AND QUARTER PANEL

| | |
|---|---|
| Plastic Molded Front Door Lower Trim Panel, W/Armrest (F) | X |
| Soft Trim Door Upper Panel with Pull Strap (F) | X |
| Pull Type Door Handle (F) | X |
| Rear Quarter Panel with Integral Armrest (F) | X |
| Window Control Handle Knobs, Clear Plastic (F) | X |
| Door Lock Buttons - Bright (F) | X |
| Front Door Locks, 2-Position Free Wheeling (F) | X |
| Rear Quarter Sidewalls - Vinyl Trimmed (F) | X |

TRUNK COMPARTMENT

| | |
|---|---|
| Black Spatter Paint Trunk Compartment Finish (F) | X |
| Needled Polypropylene Trunk Floor Covering in Black, Extending Forward to Back of Rear Seat | X |

(C) = Chevrolet Item
(F) = Fisher Item

AIR CONDITIONING

FOUR-SEASON (RPO C60)

Integral air cooling and heater system. Manually controlled by two horizontal levers on instrument control panel, plus 4-speed fan switch. Upper lever (mode selector control) uses vacuum supply and electrical switches to operate mode doors and compressor. Lower lever uses bowden cable to operate temperature door. Seven air outlets: 2 center, 2 side, 2 lower, plus lap cooler mounted below steering column.

BASIC COMPONENTS

Modular system incorporating air inlet chamber and valve, evaporator core, blower motor plus separate control panel, condenser, receiver-dehydrator, refrigerant (freon) tank, and duct assembly.

EQUIPMENT (Used in addition to or in place of base equipment)

CHASSIS

Front and Rear Springs Heavier duty
Rear Axle Ratio - Refer to Power Trains Section

POWER TRAINS

Fan Blade 5 blade
Fan Clutch Thermomodulated fluid coupling
Crankshaft Pulley Dual
Water Pump & Fan Pulley Single
Compressor & Crankshaft Belt One
Generator 63 Ampere
Radiator Heavier duty

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|---|-----|------|
| MODEL OPTIONS | | |
| Monte Carlo 'Landau' (see page 10 for content) | Z03 | |
| Monte Carlo "Sun Roof" (See page 11 for content) | CC1 | |
| Monte Carlo "Luxury Interior" (See page 11 for content) | Z06 | |
| POWER TEAMS | | |
| 3.8 Litre - V6 (231 CID) | LDS | |
| 3.8 Litre - V6 (231 CID)* | LC6 | |
| 4.4 Litre V8 (267 CID) | L39 | |
| 5.0 Litre - V8 (305 CID) | LG4 | |
| Axle Positraction | G80 | |
| Axle High Altitude | G92 | |
| 3-Speed Automatic Transmission | MX1 | |
| FACTORY INSTALLED REGULAR PRODUCTION TIRES | | |
| P205/70R-14, Steel Belted Radial Ply, White Stripe | QFK | |

* RPO LDS V6 engine available in California until interim availability of RPO LC6 V6.

MONTE CARLO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on and after July 2, 1979

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price◇ |
|--|---------------|------------------------|--------------|----------------------|------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Gage Package: Includes temperature, voltmeter and oil pressure gages | UF7 | | | | | 34.00 |
| Generator, 63-Amp Dalcotron: | | | | | | |
| With C49 Rear Window Defogger | K81 | | | | | 5.00 |
| Without C49 Rear Window Defogger | K81 | | | | | 33.00 |
| Glass, Tinted: All Windows | A01 | | | | | 70.00 |
| Instrumentation: Special: Includes tachometer and voltmeter, temperature and oil pressure gages | U14 | | | | | 102.00 |
| Light, Dome Reading | C95 | | | | | 20.00 |
| Lighting, Auxiliary: Includes luggage compartment and underhood lights, dome delay switch plus headlamp warning buzzer | TR9 | | | | | 31.00 |
| Luggage Compartment Trim, Deluxe: Includes black cut pile floor carpeting and carpeted spare tire cover | B48 | | | | | 43.00 |
| Mirrors: | | | | | | |
| Outside Rearview, LH Remote | D33 | | | | | 18.00 |
| Sport, Body-Colored LH Remote and RH Manual. Standard on Z03 Landau | D35 | | | | | 43.00 |
| Sport, Twin Remote | | | | | | |
| Without Z03 Landau | D68 | | | | | 68.00 |
| With Z03 Landau | D68 | | | | | 25.00 |
| Visor Vanity. Standard on Z03 Landau | D34 | | | | | 5.00 |
| Visor Vanity, Illuminated | | | | | | |
| Without Z03 Landau | D64 | | | | | 40.00 |
| With Z03 Landau | D64 | | | | | 35.00 |
| Moldings: | | | | | | |
| Body Side, Deluxe. Includes color-keyed vinyl insert | BW2 | | | | | 53.00 |
| Bright Body Sill. Standard on Z03 Landau | BX2 | | | | | 44.00 |
| Door Edge Guard | B93 | | | | | 13.00 |
| Side Window Sill | B85 | | | | | 33.00 |
| Radiator, Heavy-Duty | V01 | | | | | 33.00 |
| Radio Equipment: | | | | | | |
| AM Radio | U63 | | | | | 85.00 |
| AM /FM Radio | U89 | | | | | 158.00 |
| AM /FM Stereo Radio | U58 | | | | | 232.00 |
| AM Radio with 8 Track Stereo Tape | UM1 | | | | | 248.00 |
| AM /FM Stereo Radio with 8 Track Stereo Tape | UM2 | | | | | 335.00 |
| AM /FM Stereo Radio with Stereo Cassette Tape | UN3 | | | | | 341.00 |
| AM /FM /Citizens Band Radio and Power Antenna | UP5 | | | | | 489.00 |
| AM /FM Stereo /Citizens Band Radio and Power Antenna | UP6 | | | | | 570.00 |
| Speaker, Rear Seat | U80 | | | | | 25.00 |
| Speakers, Dual Front. Included with U58, UM1, UN3, UP6, or UM2 radio | UX6 | | | | | 21.00 |
| Windshield Antenna. Included with radio | U76 | | | | | 27.00 |
| Power Antenna | U75 | | | | | 47.00 |
| Roof Panels: Removable Glass | CC1 | | | | | 655.00 |
| Seat, Power: Electric, 6-Way Control. Front seat. Driver's side with 55 /45 Seat | AG9 | | | | | 163.00 |
| Sky Roof, Power Sliding metal top | CA1 | | | | | 529.00 |
| Speed Control: Automatic | K30 | | | | | 103.00 |
| Steering, Power Standard on Z03 Landau | N41 | | | | | 163.00 |
| Steering Wheel: Comfortilt | N33 | | | | | 75.00 |
| Striping, Pin: Body Side. Included with Z03 Landau | D85 | | | | | 40.00 |
| Suspension Equipment: Suspension, Heavy-Duty Front and Rear. Includes special front and rear springs and matching shock absorbers | F40 | | | | | 22.00 |
| Tires: | | | | | | |
| P205 /70 R-14-B Steel Belted Radial Ply Blackwall (Standard) | QFS | | | NO ADDITIONAL CHARGE | | |
| P205 /70 R-14-B Steel Belted Radial Ply White Stripe | QFK | | | | | 44.00 |
| Transmissions: | | | | | | |
| 3-Speed Manual | MM3 | | | NO ADDITIONAL CHARGE | | |
| Automatic | | | | | | |
| Without Z03 Landau | MX1 | | | | | 335.00 |
| With Z03 Landau | MX1 | | | NO ADDITIONAL CHARGE | | |
| Trunk Opener, Power: Electric | A90 | | | | | 24.00 |

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.

† Factory D & H Charges reflect provisions for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|--|-----|------|
| OTHER OPTIONS | | |
| Mirror, RH | | X |
| Radiator, Heavy Duty | V01 | |
| Molding, Body Side - Color-Keyed Vinyl Insert | BW2 | |
| Molding, Side Window Belt | B85 | |
| Molding, Lower Body Side | BX2 | |
| Radio, Equipment: Radios, Pushbutton - Includes concealed w/s antenna. (*) | | |
| AM Radio | U63 | X |
| AM/FM Radio | U69 | X |
| AM/FM/Stereo Radio | U58 | X |
| Stereo Tape System with AM Radio | UM1 | X |
| Stereo Tape System with AM/FM Radio | UM2 | X |
| Radio AM/FM Stereo with Cassette Player | UN3 | |
| Radio AM/FM Monaural with Citizens Band Transceiver | UP5 | |
| Radio AM/FM Stereo with Citizens Band Transceiver | UP6 | |
| Speaker, Rear Seat | U80 | X |
| Speakers, Dual Front | UX6 | |
| Antenna, Power | U75 | |
| Roof Cover Landau | CB7 | |
| Roof Cover, Vinyl | C09 | |
| Radio, Citizens Band | | X |
| Seat, Safety - Child | | X |
| Seat, Safety - Infant | | X |
| Seat 55/45 Passenger Front | AM6 | |
| Seat, Bucket | A51 | |
| Speed Control, Automatic | K30 | X |
| Steering Wheel, Comfortilt, Only with Automatic Transmission | N33 | |
| Sun Roof Steel, Power Operated | CA1 | |
| Sun Roof (Twin Hatch Type) See page 11 for content | CC1 | |
| Suspension, H.D. Front and Rear (Requires V8 engine) | F40 | |
| Spotlight, Hand | | X |
| Wheel Cover - Special Simulated Wire | N95 | |
| Wheel Rally 14 x 6 Hub Cap and Trim Ring (N.A. with Z03) | ZJ7 | |
| Warmer, Interior Car | | X |
| Intermittent Windshield Wiper System | CD4 | |

* Except Citizens Band Radio Equipment.

"LANDAU" OPTION EQUIPMENT

MONTE CARLO "LANDAU" OPTION RPO Z03

AVAILABILITY

Standard model 1AZ37

POWER TRAIN AVAILABILITY

Same as standard model.

CONTENT (In addition to or in place of standard equipment)

EXTERIOR

Specific vinyl cover on front portion of roof.
Body side and rear pin striping (painted).
Sport mirrors (LH remote control, RH manual) (D35).
Specific "Landau" tail panel emblem.
Plastic wheel trim covers.
Bright roof top and tail panel moldings.
Bright, wide lower body side moldings, redesigned for 1979 to integrate the standard 1978 upper molding. Wide lower portion also extended to include area forward of front wheel and rearward of rear wheel opening. Same as RPO BX2.
Black painted rocker panel and lower surface of fender (below BX2 molding)

INTERIOR

Vanity visor mirror.
"Landau" plaque on instrument panel pad.

MONTE CARLO "SUN ROOF" OPTION RPO CCI
(Twin Hatch Type)

AVAILABILITY

Standard model 1AZ37.

POWER TRAIN AVAILABILITY

Same as standard model.

CONTENT (In addition to or in place of standard equipment)

EXTERIOR

Removable glass hatch panels.
Narrow, bright molding across roof, at rear of hatch opening
(CCI roof).
Narrow, bright molding across roof at front of hatch opening.
Body color windshield header panel.
Narrow, black molding at front, rear and inner edge of
removable panels.
Wide, black molding with narrow bright drip molding at outer
edge of removable panels.

INTERIOR

Bright windshield reveal molding.
Dual sail panel interior lamps, (replacing dome lamp).

LUXURY INTERIOR OPTION RPO Z06

INTERIOR

Specific door trim panel design.
Specific 55/45 bench seat with folding armrest.
Specific seat trim design.
Deluxe, color keyed seat and shoulder belts.

AIR CONDITIONING

FOUR-SEASON (RPO C60)

Integral air cooling and heater system. Manually controlled by two horizontal levers on instrument control panel, plus 4-speed fan switch. Upper lever (mode selector control) uses vacuum supply and electrical switches to operate mode doors and compressor. Lower lever uses bowden cable to operate temperature door. Seven air outlets: 2 center, 2 side, 2 lower, plus lap cooler mounted below steering column.

BASIC COMPONENTS

Modular system incorporating air inlet chamber and valve, evaporator core, blower motor plus separate control panel, condenser, receiver-dehydrator, refrigerant (freon) tank, and duct assembly.

EQUIPMENT (Used in addition to or in place of base equipment)

CHASSIS

Front and Rear Springs Heavier duty
Rear Axle Ratio - Refer to Power Trains Section

POWER TRAINS

Fan Blade 5 blade
Fan Clutch Thermomodulated fluid coupling
Crankshaft Pulley Dual
Water Pump & Fan Pulley Single
Compressor & Crankshaft Belt One
Generator 63 Ampere
Radiator Heavier duty

BODY

| | |
|--|------|
| EXTERIOR PAINT PROCESS | 2 |
| EXTERIOR COLORS AND VINYL ROOF COMBINATIONS | 3 |
| EXTERIOR-INTERIOR COLORS | 4, 5 |
| BODY CONSTRUCTION AND GLASS AREA | 6 |

EXTERIOR PAINT PROCESS

1. **RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
- *2. **BODY PRIMER.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
- *3. **SHEET METAL PRIMER** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F. for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring lacquer.
4. **FLASH PRIMER AND PRIMER-SURFACER COATS.** An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.
5. **INITIAL SANDING.** Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.
6. **LACQUERING.** Three coats of acrylic lacquer are applied on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.
7. **INITIAL BAKING.** To harden the paint for two tones, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
8. **FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 325 degrees F. Reheating the lacquer permits paint film to soften, allowing surface blemishes to disappear during the thermo-reflow process.
9. **UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
10. **PAINT REPAIR AND PROTECTION.** Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

* Plants employing the Elpo Process (see Monza for description) preclude need for these priming steps.

EXTERIOR-INTERIOR COLORS

EXTERIOR COLORS – VINYL ROOF COMBINATIONS

| VINYL TOP COVER (Material - Levant Grain) * | EXTERIOR COLOR AVAILABILITY |
|--|-----------------------------------|
| Silver (Met.) | Silver (Met.) 15 |
| | Black 19 |
| | Dark Blue (Met.) 29 |
| | Carminc (Met.) 77 |
| | Dark Carmine (Met.) 79 |
| Black | All available colors, all exc: 69 |
| White | All available colors |
| Light Blue (Met.) | White 11 |
| | Black 19 |
| | Pastel Blue 21 |
| | Light Blue Metallic 22 |
| | Dark Blue Metallic 29 |
| Medium Beige | White 11 |
| | Black 19 |
| | Medium Beige 61 |
| | Camel (Met.) 63 |
| | Dark Brown (Met.) 69 |
| Carminc, Dark (Met.) | Carminc (Met.) 77 |
| | Carminc, Dark (Met.) 79 |
| Light Green (Met.) | Light Green 40 |
| | Medium Green (Met.) 44 |

* Monte Carlo Landau uses ELK Grain

EXTERIOR-INTERIOR COLORS

1979 MONTE CARLO 'SPECIAL A' INTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | | | | |
|---|--------------|---------------|------------|-------|--------------|-------|-----------|-------|---------|-------|--------|-------|
| | | Black | Light Blue | | Willow Green | | Camel Tan | | Carmine | | Oyster | |
| | | Cloth | Vinyl | Cloth | Vinyl | Cloth | Vinyl | Cloth | Vinyl | Cloth | Vinyl | Cloth |
| Monte Carlo -- 1AZ00 Specialty Coupe (37) | (A52) Bench | 19G | 24W | 24G | 44W | 44G | 62W | 62G | 74W | 74G | 12W | |
| | (A51) Bucket | | 24W | | 44W | | 62W | | 74W | | 12W | |
| Monte Carlo Luxury Specialty Coupe (37) | (AM6) 55-45 | 19H | | 24H | | 44H | | 62H | | 74H | | 12H |

CLOTH AND VINYL USAGE

W - Sierra vinyl.

G - Dover II, 713 WC, knit cloth.

H - Madeira, 819 WC, velour cloth, Cloud side facings.

EXTERIOR-INTERIOR COLORS

1979 MONTE CARLO (1AZ37)

CUSTOM TWO-TONE COLOR COMBINATION (RPO D84)**

| EXTERIOR COLORS | | | | BODY SIDE STRIPE COLORS (INCLUDED) | | RPO BW2 BODY SIDE MOLDING | | RPO Z03 VINYL TOP COLORS | |
|----------------------------|----|-----------------------------|----|--|----------------------|------------------------------|-----|-----------------------------|-----|
| BODY (U & L) | | ACCENT (M) | | | | (IF ORDERED) | | (IF ORDERED) | |
| Silver Met. WA 7022 | 15 | Gray Met. WA 7054 | 16 | Red /Gray Met. | WMH 4330 WMH 7054 | Silver Met. | 15Q | Not available | |
| Silver Met. WA 7022 | 15 | Black WA 848 | 19 | Red /Gray Met. | WMH 4330 WMH 7054 | Silver Met. | 15Q | Black | 19T |
| Light Blue Met. WA 4964 | 22 | Med. Blue Met. WA 7001 | 85 | Pastel Blue /Dk. Blue Met. | WMH 8180 WMH 8181 | Lt. Blue Met. | 22Q | Not Available | |
| Med. Green Met. WA 8029 | 44 | Pastel Green WA 8028 | 40 | Gold Met. /Dk. Green Met. | WMH 8063 WMH 8182 | Pastel Green | 40Q | Pastel Green | 40T |
| Camel Met. WA 8032 | 63 | Med. Beige WA 8080 | 61 | Gold Met. /Dk. Orange Met. | WMH 8063 WMH 8183 | Med. Beige | 61Q | Med. Beige | 61T |
| Carmine Met. WA 7029 | 77 | Dk. Carmine Met. WA 7072 | 79 | Red /Black | WMH 4330 WMH 848 | Dk. Carmine Met. | 79Q | Dk. Carmine Met. | 79T |

** These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

RPO D85 – BODY SIDE ACCENT STRIPE*

STRIPE IDENTIFICATION

| COLOR | DECAL | PAINT (1AZ37 Only) |
|------------|----------|-----------------------|
| 11A White | WMH 3967 | WSA 3967 |
| 13A Silver | WMH 4575 | WSA 4609 |
| 19A Black | WMH 848 | WSA 848 |
| 27A Blue | WMH 4673 | WSA 4673 |
| 49A Green | WMH 8202 | WSA 8202 |
| 54A Gold | WMH 8063 | WSA 4326 |
| 75A Red | WMH 4330 | WSA 4330 |

RPO BW2 – BODY SIDE MOLDING EQUIPMENT*

MOLDING IDENTIFICATION

| 11Q | White (1AZ37 only) | WPV 3967 |
|-----|--------------------|----------|
| 15Q | Silver Met. | WPV 7022 |
| 19Q | Black (1AZ37 only) | WPV 848 |
| 22Q | Lt. Blue Met. | WPV 4964 |
| 40Q | Pastel Green | WPV 8028 |
| 61Q | Med. Beige | WPV 8030 |
| 79Q | Dk. Carmin Met. | WPV 7072 |

* For color combination applications, see Dealer Order Guide.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective front inner plastic fender skirts. Side guard door beams. Air gap design windshield pillar molding. Contoured windshield header. Cargo guard luggage barrier. Double panel roof. Open channel rocker panels.

DOORS AND LOCKS

Door construction Double steel panels, hinged at front.
Door handles Exterior, lift bar with fork type door locks. Inside, push-button locks and 2-position free-wheeling inside door handles on all doors.
Front door glass Full window

HOOD AND TRUNK LID

Type Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod. Two hood stop pins mounted on cowl.
Hood Release Internal, to left of steering column under instrument panel.

VENTILATION

Dual-mode, modular chamber system. Blower fan circulates upper air through instrument panel outlets. Lower air circulation provided at highway speeds through outlets under instrument panel.

SEAT CONSTRUCTION

Type
All seat cushions and backrests . . . Formed polyfoam

WINDSHIELD WIPERS

Type Concealed dual 2-speed electric
Linkage Parallel acting

HEADLIGHTS

Type Single-rectangular "Power Beam" units

SPARE TIRE AND TOOLS

Location Compact spare mounted upright in well at R.H. quarter of trunk floor. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored at side of spare tire.

BODY GLASS VISIBILITY AREA

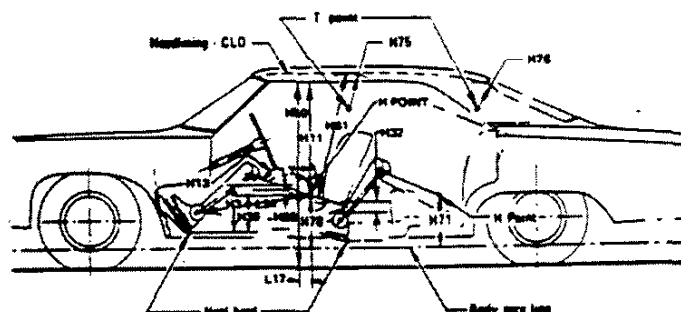
| | |
|----------------------|---------------------------------|
| Windshield | 8786 (1361.8 m. ²) |
| Front Door Window | 7487 (1160.5 m. ²) |
| Rear Quarter Window | 2425 (375.9 m. ²) |
| Rear Window | 4660 (722.3 m. ²) |
| Total Area (Sq. In.) | 23358 (3620.5 m. ²) |

All window glass curved safety solid plate except curved laminated safety windshield.

CHASSIS

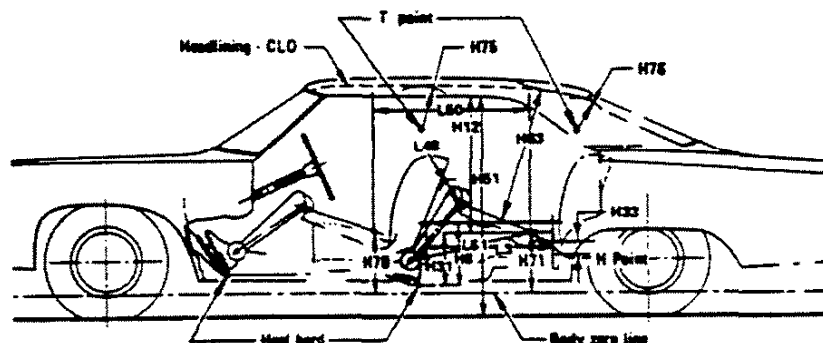
| | |
|---|-----|
| FRAME AND FRONT SUSPENSION | 2-3 |
| STEERING, DRIVELINE, WHEELS AND TIRES | 4 |
| REAR AXLE AND SUSPENSION | 5 |
| BRAKES | 6 |
| BULBS AND LAMPS | 7 |
| FUSES AND CIRCUIT BREAKERS | 8 |

INTERIOR DIMENSIONS



FRONT COMPARTMENT

| CODE | DESCRIPTION | SPORT COUPE |
|------|---------------------------------------|-------------|
| H-3 | Seat cushion height | 282 (11.1) |
| H11 | Entrance height | 773 (30.4) |
| H13 | Steering wheel to centerline of thigh | 104 (4.1) |
| H30 | SgRP to heel point (chair height) | 228 (9.0) |
| H32 | Seat cushion deflection | 80 (3.2) |
| H50 | Upper body opening to ground | 1275 (50.2) |
| H58 | H point rise - Design | 25 (1.0) |
| H61 | Effective headroom | 956 (37.6) |
| H70 | SgRP to body base grid | 175 (6.9) |
| H75 | Effective "T" point headroom | 961 (37.8) |
| W3 | Shoulder room | 1423 (56.0) |
| W5 | Hip room | 1311 (51.6) |
| L7 | Steering wheel torso clearance | 340 (13.4) |
| L17 | H point travel - Design | 171 (6.7) |
| L34 | Effective leg room | 1086 (42.8) |



REAR COMPARTMENT

| | | |
|-----|-----------------------------------|-------------|
| H8 | Seat cushion height | 340 (13.4) |
| H12 | Entrance height | --- |
| H31 | SgRP to heel point (chair height) | 264 (10.4) |
| H33 | Seat cushion deflection | 112 (4.4) |
| H51 | Upper body opening to ground | --- |
| H63 | Effective headroom | 961 (37.8) |
| H71 | SgRP to body base grid | 133 (5.2) |
| H76 | Effective "T" point headroom | 957 (37.7) |
| W4 | Shoulder room | 1419 (55.9) |
| W6 | Hip room | 1394 (54.9) |
| L3 | Rear compartment room | 682 (26.9) |
| L48 | Knee clearance | 53 (2.1) |
| L50 | SgRP couple distance | 817 (32.2) |
| L51 | Effective leg room | 923 (36.3) |

LUGGAGE COMPARTMENT

| | | |
|------|-------------------------|------------|
| H195 | Liftover height | 751 (29.6) |
| V1 | Usable luggage capacity | 456 (16.1) |

* Primary Dimensions are millimetres unless otherwise shown.

FRAME AND FRONT SUSPENSION

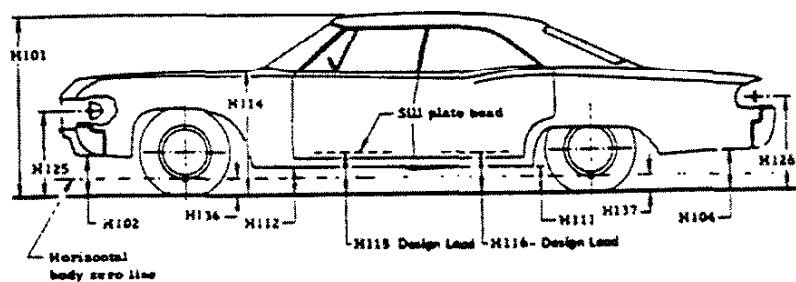
FRONT SPRINGS

Selected from a family of coil springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

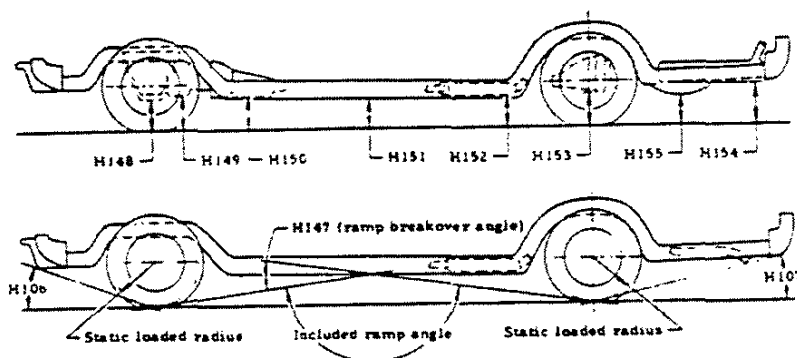
| Part No. | Assy. Code | Cut-Off Length | | Wire Dia. | | Total Coils | Deflection Rate | | Heights | | | |
|----------|------------|----------------|-------|-----------|------|-------------|-----------------|--------|---------|-------|------------|--------------|
| | | mm | in | mm | in | | N/mm | lbs/in | Free | | Working | |
| | | | | | | | | | mm | in | mm @ N | in @ lbs |
| 460634 | ABD | 2839 | 111.8 | 15.8 | .622 | 7.496 | 58 | 330 | 375.7 | 14.79 | 260 @ 6710 | 10.24 @ 1510 |
| 460635 | ABF | 2839 | 111.8 | 15.8 | .622 | 7.496 | 58 | 330 | 380.9 | 15.00 | 260 @ 7010 | 10.24 @ 1575 |
| 460636 | ABH | 2943 | 115.9 | 16.0 | .630 | 7.761 | 58 | 330 | 386.0 | 15.20 | 260 @ 7310 | 10.24 @ 1645 |
| 460637 | ABJ | 2943 | 115.9 | 16.0 | .630 | 7.761 | 58 | 330 | 391.2 | 15.40 | 260 @ 7610 | 10.24 @ 1710 |
| 460638 | ABK | 3051 | 120.1 | 16.2 | .638 | 8.034 | 58 | 330 | 396.4 | 15.61 | 260 @ 7910 | 10.24 @ 1780 |
| 460680 | ADU | 3134 | 123.4 | 16.4 | .646 | 8.440 | 58 | 330 | 401.6 | 15.81 | 260 @ 8210 | 10.24 @ 1845 |
| 460681 | ADW | 3134 | 123.4 | 16.4 | .646 | 8.440 | 58 | 330 | 406.7 | 16.01 | 260 @ 8510 | 10.24 @ 1910 |
| 460683 | ADY | 3114 | 122.6 | 16.8 | .661 | 8.362 | 64 | 365 | 400.3 | 15.76 | 260 @ 8980 | 10.24 @ 2020 |
| 460686 | AFB | 3112 | 122.5 | 17.2 | .677 | 8.327 | 70 | 400 | 394.6 | 15.53 | 260 @ 9420 | 10.24 @ 2120 |

EXTERIOR DIMENSIONS



HEIGHTS

| CODE | DESCRIPTION | SPORT COUPE |
|------|--------------------------------|-------------|
| H101 | Overall height (design) | 1370 (53.9) |
| H102 | Front bumper to ground | 354 (13.9) |
| H104 | Rear bumper to ground | 314 (12.4) |
| H111 | Rocker panel to ground - rear | 211 (8.3) |
| H112 | Rocker panel to ground - front | 219 (8.6) |
| H114 | Hood at rear to ground | 979 (38.5) |
| H115 | Step height - front (design) | 347 (13.7) |
| H116 | Step height - rear (design) | --- |
| H125 | Headlamp to ground | 659 (25.9) |
| H126 | Tail lamp to ground | 606 (23.9) |
| H136 | Body O line to ground - front | 327 (12.9) |
| H137 | Body O line to ground - rear | 317 (12.5) |



CLEARANCES

| | | |
|------|--------------------------------|-----------|
| H106 | Angle of approach (degrees) | 18.17° |
| H107 | Angle of departure (degrees) | 14.04° |
| H147 | Ramp breakover angle (degrees) | 13.29° |
| H148 | Front suspension to ground | 158 (6.2) |
| H149 | Oil pan to ground | 165 (6.5) |
| H150 | Flywheel housing to ground | 172 (6.8) |
| H151 | Frame to ground | 166 (6.5) |
| H152 | Exhaust system to ground | 182 (7.2) |
| H153 | Rear axle to ground | 149 (5.9) |
| H154 | Fuel tank to ground | 202 (7.9) |
| H155 | Tire well to ground | --- |
| H156 | Minimum ground clearance | 122 (4.8) |

(a) Front suspension to ground.

*Primary Dimensions are millimetres unless otherwise shown.

EXTERIOR-INTERIOR COLORS

1979 MONTE CARLO (1AZ37)

CUSTOM TWO-TONE COLOR COMBINATION (RPO D84)**

| EXTERIOR COLORS | | | | BODY SIDE STRIPE COLORS (INCLUDED) | | RPO BW2 BODY SIDE MOLDING (IF ORDERED) | | RPO Z03 VINYL TOP COLORS (IF ORDERED) | |
|----------------------------|----|-----------------------------|----|--|----------------------|--|--|---|-----|
| BODY (U & L) | | ACCENT (M) | | | | | | | |
| Silver Met. WA 7022 | 15 | Gray Met. WA 7054 | 16 | Red /Gray Met. | WMH 4330 WMH 7054 | Silver Met. 15Q | | Not available | |
| Silver Met. WA 7022 | 15 | Black WA 848 | 19 | Red /Gray Met. | WMH 4330 WMH 7054 | Silver Met. 15Q | | Black | 19T |
| Light Blue Met. WA 4964 | 22 | Med. Blue Met. WA 7001 | 85 | Pastel Blue /Dk. Blue Met. | WMH 8180 WMH 8181 | Lt. Blue Met. 22Q | | Not Available | |
| Med. Green Met. WA 8029 | 44 | Pastel Green WA 8028 | 40 | Gold Met. /Dk. Green Met. | WMH 8063 WMH 8182 | Pastel Green 40Q | | Pastel Green | 40T |
| Camel Met. WA 8032 | 63 | Med. Beige WA 8080 | 61 | Gold Met. /Dk. Orange Met. | WMH 8063 WMH 8183 | Med. Beige 61Q | | Med. Beige | 61T |
| Carmine Met. WA 7029 | 77 | Dk. Carmine Met. WA 7072 | 79 | Red /Black | WMH 4330 WMH 848 | Dk. Carmine Met. 79Q | | Dk. Carmine Met. | 79T |

** These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

RPO D85 – BODY SIDE ACCENT STRIPE*

STRIPE IDENTIFICATION

| COLOR | DECAL | PAINT (1AZ37 Only) |
|------------|----------|-----------------------|
| 11A White | WMH 3967 | WSA 3967 |
| 13A Silver | WMH 4575 | WSA 4609 |
| 19A Black | WMH 848 | WSA 848 |
| 27A Blue | WMH 4673 | WSA 4673 |
| 49A Green | WMH 8202 | WSA 8202 |
| 54A Gold | WMH 8063 | WSA 4326 |
| 75A Red | WMH 4330 | WSA 4330 |

RPO BW2 – BODY SIDE MOLDING EQUIPMENT*

MOLDING IDENTIFICATION

| 11Q | White (1AZ37 only) | WPV 3967 |
|-----|--------------------|----------|
| 15Q | Silver Met. | WPV 7022 |
| 19Q | Black (1AZ37 only) | WPV 848 |
| 22Q | Lt. Blue Met. | WPV 4964 |
| 40Q | Pastel Green | WPV 8028 |
| 61Q | Med. Beige | WPV 8030 |
| 79Q | Dk. Carmine Met. | WPV 7072 |

* For color combination applications, see Dealer Order Guide.

CHASSIS

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|---|-----|
| FRAME AND FRONT SUSPENSION | 2-3 |
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| BULBS AND LAMPS | 7 |
| FUSES AND CIRCUIT BREAKERS | 8 |

FUSES AND CIRCUIT BREAKERS

| CIRCUIT | TYPE OF PROTECTION | LOCATION AND CIRCUIT* |
|--|--------------------|-----------------------|
| Air conditioning | 30 amp fuse | In line |
| | 20 amp fuse | Fuse panel (d) |
| Antenna, power | 20 amp fuse | Fuse panel (c) |
| Back-up lamps | 20 amp fuse | Fuse panel (d) |
| Brake indicator lamp | 20 amp fuse | Fuse panel (b) |
| Cigarette lighter | 20 amp fuse | Fuse panel (c) |
| Cigarette lighter lamp | 5 amp fuse | Fuse panel (a) |
| Clock | 20 amp fuse | Fuse panel (c) |
| Courtesy lamps | 20 amp fuse | Fuse panel (c) |
| Defogger, electric rear | 20 amp fuse | Fuse panel (b) |
| Defogging unit | 20 amp fuse | Fuse panel (b) |
| Direction signal indicator lamps (Frt. & Rear) | 20 amp fuse | Fuse panel (e) |
| Dome & reading lamp | 20 amp fuse | Fuse panel (c) |
| Door unlock warning | 25 amp fuse | Fuse panel (k) |
| Fuel gage | 10 amp fuse | Fuse panel (c) |
| Generator indicator lamp | 20 amp fuse | Fuse panel (b) |
| Glove compartment lamp | 20 amp fuse | Fuse panel (c) |
| Headlamps | Circuit breaker | Light switch |
| Headlamp buzzer | 20 amp fuse | Fuse panel (b) |
| Headlamps hi-beam indicator lamp | Circuit breaker | Light switch |
| Heater | 20 amp fuse | Fuse panel (d) |
| Heater controls lamp | 5 amp fuse | Fuse panel (f) |
| Idle stop solenoid | 10 amp fuse | Fuse panel (j) |
| Instrument cluster lamps | 5 amp fuse | Fuse panel (a) |
| Key wiring buzzer | 20 amp fuse | Fuse panel (c) |
| License plate lamp, rear | 20 amp fuse | Fuse panel (f) |
| Luggage compartment lamp | 20 amp fuse | Fuse panel (c) |
| Map lamp | 20 amp fuse | Fuse panel (c) |
| Oil pressure indicator lamp | 20 amp fuse | Fuse panel (b) |
| Headlight buzzer | 20 amp fuse | Fuse panel (b) |
| Parking lamps | 20 amp fuse | Fuse panel (f) |
| Power seats | 30 amp CB | Firewall |
| Power windows | 30 amp CB | Firewall |
| Radio | 10 amp fuse | Fuse panel |
| Radio lamp | 5 amp fuse | Fuse panel (a) |
| Seat belt warning buzzer | 20 amp fuse | Fuse panel (b) |
| Side Marker lamp - Front | 20 amp fuse | Fuse panel (f) |
| Side Marker lamp - Rear | 20 amp fuse | Fuse panel (f) |
| Speed cruise control | 20 amp fuse | Fuse panel (b) |
| Stop and turn lamps | 20 amp fuse | Fuse panel (f) |
| Tail lamps | 20 amp fuse | Fuse panel (f) |
| Temperature indicator lamp | 20 amp fuse | Fuse panel (f) |
| Traffic hazard indicator | 20 amp fuse | Fuse panel (a) |
| Underhood lamp | 20 amp fuse | Fuse panel (c) |
| Windshield washer light switch | 5 amp fuse | Fuse panel (a) |
| Windshield wiper, two-speed | 25 amp fuse | Fuse panel (k) |
| Wiper system - pulse | 10 amp fuse | Fuse panel (j) |

* Letter suffix indicates same circuit

FRAME AND FRONT SUSPENSION

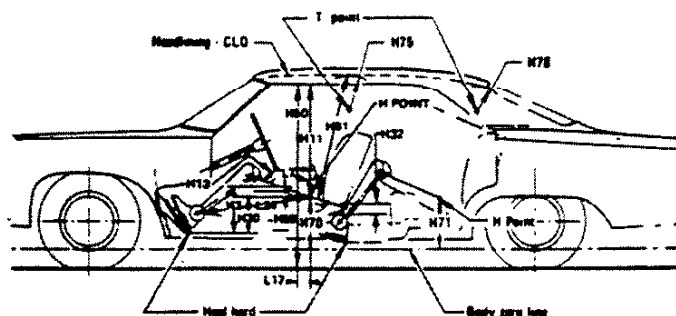
FRONT SPRINGS

Selected from a family of coil springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

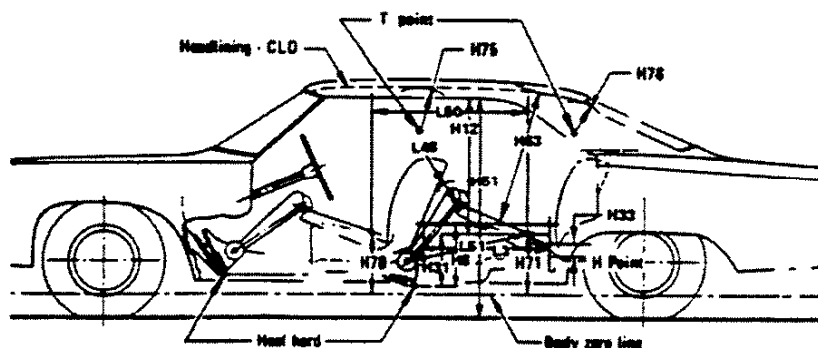
| Part No. | Assy. Code | Cut-Off Length | | Wire Dia. | | Total Coils | Deflection Rate | | Heights | | | |
|----------|------------|----------------|-------|-----------|------|-------------|-----------------|--------|---------|-------|------------|--------------|
| | | mm | in | mm | in | | N/mm | lbs/in | Free | | Working | |
| | | | | | | | | | mm | in | mm @ N | in @ lbs |
| 460634 | ABD | 2839 | 111.8 | 15.8 | .622 | 7.496 | 58 | 330 | 375.7 | 14.79 | 260 @ 6710 | 10.24 @ 1510 |
| 460635 | ABF | 2839 | 111.8 | 15.8 | .622 | 7.496 | 58 | 330 | 380.9 | 15.00 | 260 @ 7010 | 10.24 @ 1575 |
| 460636 | ABH | 2943 | 115.9 | 16.0 | .630 | 7.761 | 58 | 330 | 386.0 | 15.20 | 260 @ 7310 | 10.24 @ 1645 |
| 460637 | ABJ | 2943 | 115.9 | 16.0 | .630 | 7.761 | 58 | 330 | 391.2 | 15.40 | 260 @ 7610 | 10.24 @ 1710 |
| 460638 | ABK | 3051 | 120.1 | 16.2 | .638 | 8.034 | 58 | 330 | 396.4 | 15.61 | 260 @ 7910 | 10.24 @ 1780 |
| 460680 | ADU | 3134 | 123.4 | 16.4 | .646 | 8.440 | 58 | 330 | 401.6 | 15.81 | 260 @ 8210 | 10.24 @ 1845 |
| 460681 | ADW | 3134 | 123.4 | 16.4 | .646 | 8.440 | 58 | 330 | 406.7 | 16.01 | 260 @ 8510 | 10.24 @ 1910 |
| 460683 | ADY | 3114 | 122.6 | 16.8 | .661 | 8.362 | 64 | 365 | 400.3 | 15.76 | 260 @ 8980 | 10.24 @ 2020 |
| 460686 | AFB | 3112 | 122.5 | 17.2 | .677 | 8.327 | 70 | 400 | 394.6 | 15.53 | 260 @ 9420 | 10.24 @ 2120 |

INTERIOR DIMENSIONS



FRONT COMPARTMENT

| FRONT COMPARTMENT | | |
|-------------------|---------------------------------------|-------------|
| CODE | DESCRIPTION | SPORT COUPE |
| H-3 | Seat cushion height | 282 (11.1) |
| H11 | Entrance height | 773 (30.4) |
| H13 | Steering wheel to centerline of thigh | 104 (4.1) |
| H30 | SgRP to heel point (chair height) | 228 (9.0) |
| H32 | Seat cushion deflection | 80 (3.2) |
| H50 | Upper body opening to ground | 1275 (50.2) |
| H58 | H point rise - Design | 25 (1.0) |
| H61 | Effective headroom | 956 (37.6) |
| H70 | SgRP to body base grid | 175 (6.9) |
| H75 | Effective "T" point headroom | 961 (37.8) |
| W3 | Shoulder room | 1423 (56.0) |
| W5 | Hip room | 1311 (51.6) |
| L7 | Steering wheel torso clearance | 340 (13.4) |
| L17 | H point travel - Design | 171 (6.7) |
| L34 | Effective leg room | 1086 (42.8) |



REAR COMPARTMENT

| | | |
|-----------------------------|-----------------------------------|-------------|
| H8 | Seat cushion height | 340 (13.4) |
| H12 | Entrance height | -- |
| H31 | SgRP to heel point (chair height) | 264 (10.4) |
| H33 | Seat cushion deflection | 112 (4.4) |
| H51 | Upper body opening to ground | -- |
| H63 | Effective headroom | 961 (37.8) |
| H71 | SgRP to body base grid | 133 (5.2) |
| H76 | Effective "T" point headroom | 957 (37.7) |
| W4 | Shoulder room | 1419 (55.9) |
| W6 | Hip room | 1394 (54.9) |
| L3 | Rear compartment room | 682 (26.9) |
| L48 | Knee clearance | 53 (2.1) |
| L50 | SgRP couple distance | 817 (32.2) |
| L51 | Effective leg room | 923 (36.3) |
| LOUIGAGE COMPARTMENT | | |
| H195 | Liftover height | 751 (29.6) |
| VI | Usable luggage capacity | 456 (16.1) |

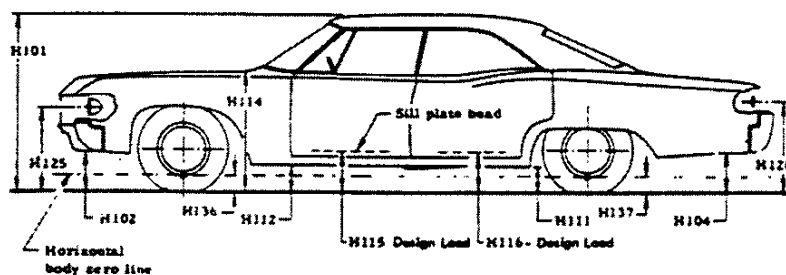
* Primary Dimensions are millimetres unless otherwise shown.

BRAKES

| | | | |
|---------------|--|----------------------|--|
| General | Application | Manual | V6 Engines with non-air conditioning |
| | | Power | Optional; Required with V6 with air conditioning and V8 engines |
| | Type | | Disc front and drum rear |
| | System | | Dual circuit hydraulic system with warning light and self adjusting features - metering and proportioning valves provide balance between front and rear brakes |
| Front Brakes | Type | | Disc - single piston floating caliper |
| | Material | | Cast iron - vented |
| | Diameter and Width - mm (in.) | | 266.7 x 26.2 (10.5 x 1.03) |
| | Lining material | | Compression molded asbestos composition |
| | Method of attachment | | Riveted |
| | Lining size (length x width x thickness) | Inboard - mm (in.) | 125 x 48.44 x 11.04 (4.92 x 1.91 x .435) |
| | | Outboard - mm (in.) | 125 x 48.44 x 11.04 (4.92 x 1.91 x .435) |
| | Lining area cm ² (in. ²) | | 242.4 (37.59) |
| | Effective area cm ² (in. ²) | | 204.4 (31.69) |
| | Swept area cm ² (in. ²) | | 1236.2 (191.68) |
| | Piston diameter - mm (in.) | | 63.5 (2.5) |
| Rear Brakes | Type | | Finned drum - composite, web cast into rim |
| | Material | | Web - HR steel; Rim - Cast alloy iron (a) |
| | Diameter and Width - mm (in.) | | 241.3 x 50.8 (9.5 x 2.0) |
| | Lining material | | Molded asbestos composition |
| | Method of attachment | | Riveted |
| | Lining size (length x width x thickness) | Primary - mm (in.) | 192.5 x 51.0 x 4.98 (7.58 x 2.0 x .196) |
| | | Secondary - mm (in.) | 249.6 x 51.0 x 6.75 (9.83 x 2.0 x .266) |
| | Lining area cm ² (in. ²) | | 449.2 (69.64) |
| | Effective area cm ² (in. ²) | | 411.09 (63.7) |
| | Swept area cm ² (in. ²) | | 748.77 (116.1) |
| | Piston diameter - mm (in.) | | 19.05 (0.75) |
| Apply System | Master cylinder diameter - mm (in.) | Manual | 22 (0.87) |
| | | Power | 24 (0.94) |
| | Piston travel - mm (in.) | Manual | 34.47 (1.36) |
| | | Power | 33.33 (1.31) |
| | Pedal travel - mm (in.) | Manual | 206.9 (8.15) |
| | | Power | 134.4 (5.29) |
| | Pedal ratio | Manual | 6.29:1 |
| | | Power | 3.50:1 |
| Parking Brake | Line pressure @ 100 lb. pedal load | | 700 |
| | Type | | Mechanical - Pull rods and cables operate rear service brakes; parking brake 'ON' warning light provided. |
| | Control | | Pendulum foot pedal; released by "T" handle located on instrument panel left of steering wheel |
| | Total effective area - cm ² (in. ²) | | 411.09 (63.7) |

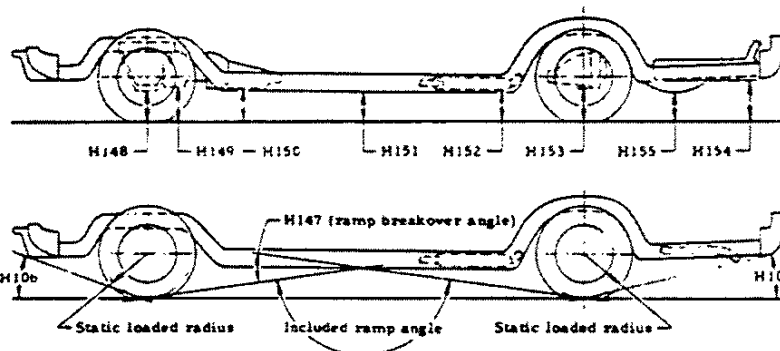
(a) Aluminum drums with California 5.0 Litre V-8 engine and 5.0 Litre V-8 with high altitude equipment (RPO NA6).

EXTERIOR DIMENSIONS



HEIGHTS

| CODE | DESCRIPTION | SPORT COUPE |
|------|--------------------------------|-------------|
| H101 | Overall height (design) | 1370 (53.9) |
| H102 | Front bumper to ground | 354 (13.9) |
| H104 | Rear bumper to ground | 314 (12.4) |
| H111 | Rocker panel to ground - rear | 211 (8.3) |
| H112 | Rocker panel to ground - front | 219 (8.6) |
| H114 | Hood at rear to ground | 979 (38.5) |
| H115 | Step height - front (design) | 347 (13.7) |
| H116 | Step height - rear (design) | --- |
| H125 | Headlamp to ground | 659 (25.9) |
| H126 | Tail lamp to ground | 606 (23.9) |
| H136 | Body O line to ground - front | 327 (12.9) |
| H137 | Body O line to ground - rear | 317 (12.5) |



CLEARANCES

| | | |
|------|--------------------------------|-----------|
| H106 | Angle of approach (degrees) | 18.17° |
| H107 | Angle of departure (degrees) | 14.04° |
| H147 | Ramp breakover angle (degrees) | 13.29° |
| H148 | Front suspension to ground | 158 (6.2) |
| H149 | Oil pan to ground | 165 (6.5) |
| H150 | Flywheel housing to ground | 172 (6.8) |
| H151 | Frame to ground | 166 (6.5) |
| H152 | Exhaust system to ground | 182 (7.2) |
| H153 | Rear axle to ground | 149 (5.9) |
| H154 | Fuel tank to ground | 202 (7.9) |
| H155 | Tire well to ground | --- |
| H156 | Minimum ground clearance | 122 (4.8) |

(a) Front suspension to ground.

*Primary Dimensions are millimetres unless otherwise shown.

BULBS AND LAMPS

| BULBS AND LAMPS | NUMBER REQUIRED AND TRADE NUMBER | CANDLE POWER PER LAMP |
|---------------------------------|-------------------------------------|--------------------------|
| Ash tray lamp | 1-1445 | .7 |
| Automatic transmission quadrant | 1-194 | 2 |
| Backing lamps | 2-1156 | 32 |
| Brake warning - alarm | 1-168 | 3 |
| Courtesy - Instrument panel | 2-906 | 6 |
| Directional signal indicators | 2-194 | 2 |
| Dome | 1-561 | 12 |
| Dome & reading lamp | 2-1004 | 15 |
| Generator indicator | 1-194 | 2 |
| Glove compartment | 1-1895 | 2 |
| Headlamp | 2-6052 | High beam Low beam |
| Headlamp hi-beam indicator | 1-194 | 2 |
| Heater or A/C controls | 1-194 | 2 |
| Instrument cluster | 9-168 | 3 |
| License plate, rear | 1-194 | 2 |
| Luggage compartment | 1-1003 | 15 |
| Oil pressure indicator | 1-194 | 2 |
| Parking | | |
| Park | 2-1157NA | 2.2 |
| Turn | | 24 |
| Radio dial RPO U63 and/or U69 | 1-1893 | 2 |
| Radio dial and indicator | 1-216 (dial) | dial |
| RPO U58 | 1-66 (indicator) | .1-indicator |
| Radio dial and indicator | 1-1893 (dial) | 2 |
| RPO UM1 and/or UM2 | DS-410 (indicator) | Led (a) |
| Seat belt warning | 1-194 | 2 |
| Side Marker - Front | 2-194A | 2 |
| Side marker - Rear | 2-194 | 2 |
| Tail | | |
| Tail | 4-194 | 2 |
| Stop and turn | 4-1157 | 32 |
| Temperature indicator | 1-194 | 2 |
| Underhood | 1-93 | 15 |
| W/S washer and light indicator | 1-194 | 2 |

(a) Light emitting diode.

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POWER TRAINS

| | |
|--|----|
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POWER TEAM COMBINATIONS

| ENGINE | TRANSMISSION | MODEL APPLICATION | AXLE RATIOS* | | RPO NA6 | RING GEAR mm (in) | I.W. CLASS kg (lbs) |
|---|------------------------------|----------------------|--------------|--------|------------|-------------------------|---------------------------|
| | | | ALL STATES | | | | |
| | | | BASE | OPTION | | | |
| 3.3 Litre V-6 200 CID (L26) Base - All exc. Calif. | 3-Speed Manual (3.50 low) | Sport Coupe | 2.73 | - | - | 191 (7.50) | 1588 (3500) |
| | 3-Speed Automatic '350' | | 2.73 | - | - | | |
| 3.8 Litre V-6 231 CID (LD5) Opt. - All exc. Calif. | 3-Speed Automatic '350' | | 2.41 | - | 3.23 | | |
| 3.8 Litre V-6 231 CID (LC6) Opt. - Calif. Only | 3-Speed Automatic '350' | | 2.73 | - | - | | |
| 4.4 Litre V-8 267 CID (L39) Opt. - All exc. Calif. | 3-Speed Automatic '350' | | 2.29 | - | - | | |
| 5.0 Litre V-8 305 CID (LG4) Opt. - All states | 3-Speed Automatic '200' | | 2.29 | 2.73 | 2.73 | | |

* - Limited slip axles available optionally; same ratios available with Air Conditioning.

** - RPO LD5 V-6 engine available in California until interim availability of RPO LC6 V-6.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

| ENGINE | CARBURETION | TRANSMISSION | TOTAL GEAR REDUCTION | | | | AXLE RATIO |
|----------------------------|-------------|--------------|----------------------|------|------|---------|------------|
| | | | 1st | 2nd | 3rd | Reverse | |
| 3.3 Litre V-6 (200 CID) | 2-Barrel | 3-Speed | 9.56 | 5.16 | 2.73 | 9.88 | 2.73 |

WITH AUTOMATIC TRANSMISSION

| ENGINE | TRANSMISSION | SELECTOR POSITION | TOTAL TORQUE MULTIPLICATION | AXLE RATIO |
|----------------------------------|-----------------------------------|-------------------|-----------------------------|------------|
| 3.3 Litre V-6 (200 CID) (L26) | 3-Speed Automatic (Auto '350') | Drive | 13.76:1 - 2.73:1 | 2.73 |
| | | Second | 13.76:1 - 4.15:1 | |
| | | Low | 13.76:1 - 6.88:1 | |
| | | Reverse | 10.54:1 - 5.27:1 | |
| 3.8 Litre V-6 (231 CID) (LD5) | 3-Speed Automatic (Auto '350') | Drive | 16.28:1 - 3.23:1 | 3.23 |
| | | Second | 16.28:1 - 4.91:1 | |
| | | Low | 16.28:1 - 8.14:1 | |
| | | Reverse | 12.46:1 - 6.23:1 | |
| | | Drive | 12.15:1 - 2.41:1 | 2.41 |
| | | Second | 12.15:1 - 3.66:1 | |
| | | Low | 12.15:1 - 6.07:1 | |
| | | Reverse | 9.30:1 - 4.65:1 | |
| 3.8 Litre V-6 (231 CID) (LC6) | 3-Speed Automatic (Auto '350') | Drive | 13.76:1 - 2.73:1 | 2.73 |
| | | Second | 13.76:1 - 4.15:1 | |
| | | Low | 13.76:1 - 6.88:1 | |
| | | Reverse | 10.54:1 - 5.27:1 | |
| 4.4 Litre V-8 (267 CID) (L39) | 3-Speed Automatic (Auto '350') | Drive | 11.54:1 - 2.29:1 | 2.29 |
| | | Second | 11.54:1 - 3.48:1 | |
| | | Low | 11.54:1 - 5.77:1 | |
| | | Reverse | 8.84:1 - 4.42:1 | |
| 5.0 Litre V-8 (305 CID) (LG4) | 3-Speed Automatic (Auto '200') | Drive | 14.74:1 - 2.29:1 | 2.29 |
| | | Second | 14.74:1 - 3.59:1 | |
| | | Low | 14.74:1 - 6.27:1 | |
| | | Reverse | 11.14:1 - 4.74:1 | |
| | | Drive | 17.58:1 - 2.73:1 | 2.73 |
| | | Second | 17.58:1 - 4.29:1 | |
| | | Low | 17.58:1 - 7.48:1 | |
| | | Reverse | 13.28:1 - 5.65:1 | |

ENGINE DATA AND RATINGS

GENERAL DATA

| Engine Type | | | 90° V-6 OHV | | | 90° V-8 OHV | |
|--------------------------|----------------------|-----|------------------------|-------------|---------|-----------------|--------------|
| Piston | Litres | | 3.3 | 3.8 | | 4.4 | 5.0 |
| Displacement | In ³ | | 200 | 231 | | 267 | 305 |
| Availability | | | RPO L26 | RPO LD5 | RPO LC6 | RPO L39 | RPO LG4 |
| No. of Cylinders | | | Six | | | Eight | |
| Bore & Stroke | mm | | 88.9 x 88.4 | 96.5 x 86.4 | | 88.9 x 88.4 | 94.9 x 88.4 |
| | in. | | 3.50 x 3.48 | 3.80 x 3.40 | | 3.50 x 3.48 | 3.736 x 3.48 |
| Compression Ratio | | | 8.2:1 | 8.0:1 | | 8.2:1 | 8.4:1 |
| Taxable (SAE) Horsepower | kW | | 21.9 | 25.8 | | 29.2 | 33.3 |
| | hp | | 29.4 | 34.6 | | 39.2 | 44.7 |
| Firing Order | | | 1-6-5-4-3-2 | | | 1-8-4-3-6-5-7-2 | |
| Idling Speed | Manual | | | | | | |
| | Automatic | | | | | | |
| Compression Press. @ | kPa | | | | | | |
| Crank. Speed, Engine Hot | lb./in. ² | | | | | | |
| Power Plant Mounting | | | Two front and one rear | | | | |
| Measurements | Length | mm | 694.4 | 688.3 | | 808.7 | 801 |
| | | in. | 27.34 | 27.1 | | 31.84 | 31.55 |
| | Height | mm | 738.6 | 736.6 | | 718.6 | 752 |
| | | in. | 29.08 | 29.0 | | 28.29 | 29.6 |
| | Width | mm | 720.6 | — | | 807.5 | 725 |
| | | in. | 28.37 | — | | 31.79 | 28.5 |

Length — Fan clutch to rear of engine block.

Height — Top of air cleaner to bottom of oil pan.

Width — Exhaust manifold to air cleaner snorkel.

ADVERTISED ENGINE RATING

| Engine Designation | | | 3.3 Litre V-6 (200 Cu. In.) | 3.8 Litre V-6 (231 Cu. In.) | 4.4 Litre V-8 (267 Cu. In.) | 5.0 Litre V-8 (305 Cu. In.) |
|---------------------------|------------|---------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Availability | | | RPO L26 | RPO LD5 | RPO LC6 | RPO L39 |
| Carburetion | | | 2-Barrel | | | 4-Barrel |
| Net Brake HP @ Engine RPM | Federal | kW | 70 @ 4000 | 86 @ 3800 | — | 119 @ 4000 |
| | | HP | 94 @ 4000 | 115 @ 3800 | — | 160 @ 4000 |
| | California | kW | — | — | 86 @ 3800 | — |
| | | HP | — | — | 115 @ 3800 | — |
| Net Torque @ Engine RPM | Federal | N/m | 209 @ 2000 | 258 @ 2000 | — | 319 @ 2400 |
| | | lb./ft. | 154 @ 2000 | 190 @ 2000 | — | 235 @ 2400 |
| | California | N/m | — | — | 258 @ 2000 | — |
| | | lb./ft. | — | — | 190 @ 2000 | — |

ENGINE SPEED AND PISTON TRAVEL

3.3 & 3.8 V-6 ENGINES

| ENGINE | | 3.3 Litre V-6 | | 3.8 Litre V-6 | | |
|---|----------------------|----------------|---------------------|---------------------|--------|--------|
| Transmission | | 3-Speed Manual | 3-Speed Auto. '350' | 3-Speed Auto. '350' | | |
| Rear Axle Ratio | | 2.73:1 | | 2.73 | 2.41 | 3.23 |
| Tire Size | | P205/70R14 | | | | |
| Crankshaft Revolutions per | Kilometre | 1386.8 | | 1386.8 | 1224.3 | 1640.8 |
| | Mile | 2233.1 | | 2233.1 | 1971.4 | 2642.1 |
| Crankshaft RPM @ 1 Kilometre/Hour and 1 Mile per Hour | Low | km/h | 50.4 | 36.3 | 36.3 | 32.0 |
| | | mph | 130.2 | 93.7 | 93.7 | 82.9 |
| | Second | km/h | 27.2 | 21.9 | 21.9 | 19.3 |
| | | mph | 70.3 | 56.5 | 56.5 | 50.0 |
| | Third | km/hr | 14.4 | | 14.4 | 12.7 |
| | | mph | 37.2 | | 37.2 | 32.9 |
| | Reverse | km/h | 52.1 | 27.8 | 27.8 | 63.5 |
| | | mph | 134.7 | 71.8 | 71.8 | 163.9 |
| | Millimetre/Kilometre | | 804.4 | | 804.4 | 694.1 |
| | Foot/Mile | | 1295.2 | | 1295.2 | 1497.2 |
| | Piston Travel | | 804.4 | | 804.4 | 694.1 |
| | Foot/Mile | | 1295.2 | | 1295.2 | 1497.2 |

4.4 & 5.0 V-8 ENGINES

| Engine | | 4.4 Litre V-8 | | 5.0 Litre V-8 | |
|---|----------------------|---------------------|--------|---------------------|--------|
| Transmission | | 3-Speed Auto. '350' | | 3-Speed Auto. '200' | |
| Rear Axle Ratio | | 2.29:1 | | 2.29:1 | 2.73:1 |
| Tire Size | | P205/70R-14 | | | |
| Crankshaft Revolutions per | Kilometre | 1163.3 | | 1386.8 | |
| | Mile | 1873.2 | | 2233.1 | |
| Crankshaft RPM @ 1 Kilometre/Hour and 1 Mile per Hour | Low | km/hr | 30.2 | 32.9 | 39.5 |
| | | mph | 78.6 | 85.5 | 101.9 |
| | Second | km/h | 18.2 | 18.8 | 22.6 |
| | | mph | 47.4 | 49.0 | 58.4 |
| | Third | km/h | 12.0 | | 14.4 |
| | | mph | 31.2 | | 37.2 |
| | Reverse | km/hr | 23.2 | 24.8 | 29.8 |
| | | mph | 60.2 | 64.6 | 77.0 |
| | Millimetre/Kilometre | | 674.8 | | 804.4 |
| | Foot/Mile | | 1086.5 | | 1295.2 |
| | Piston Travel | | 674.8 | | 804.4 |
| | Foot/Mile | | 1086.5 | | 1295.2 |

VEHICLE PERFORMANCE FACTORS

| ENGINE | 3.3 Litre (200 Cu. In.) 94 H.P. 70 kW | 3.8 Litre (231 Cu. In.) 115 H.P. 86 kW | 4.4 Litre (267 Cu. In.) 125 H.P. 93 kW | 5.0 Litre (305 Cu. In.) 160 H.P. 119 kW |
|--------|--|---|---|--|
| MODEL | 1AZ37 | 1AZ37 | 1AZ37 | 1AZ37 |

3-SPEED TRANSMISSION

| | | |
|----------------------------------|-----------------------|-------|
| Performance | Mass-Kilograms | 1692 |
| | Weight-Pounds | 3730 |
| Kilograms per Net Kilowatt | Federal | 24.17 |
| | California | ---- |
| Pounds per Net Horsepower | Federal | 39.68 |
| | California | ---- |
| Kilograms per Litre Displacement | | 512.7 |
| Pounds per Cu. In. Displacement | | 18.7 |
| Net Kilowatt/Litre Displacement | Federal | 21.21 |
| | California | ---- |
| Net H.P./Cu. In. Displacement | Federal | .470 |
| | California | --- |
| Power | Litre/Kilometre | 80.9 |
| Displacement | Cu. Ft./Ton Mile | 129.2 |
| Displacement | Litre/Tonne Kilometre | 43.4 |
| Factor | Cu. Ft./Ton Mile | 69.3 |

3-SPEED AUTOMATIC TRANSMISSION

| | | | | | |
|----------------------------------|-----------------------|-------|-------|-------|-------|
| Performance | Mass-Kilograms | 1704 | 1700 | 1761 | 1765 |
| | Weight-Pounds | 3757 | 3747 | 3882 | 3891 |
| Kilograms per Net Kilowatt | Federal | 24.34 | 19.77 | 18.94 | 14.83 |
| | California | ---- | 19.7 | ---- | 15.22 |
| Pounds per Net Horsepower | Federal | 39.97 | 32.58 | 31.06 | 24.32 |
| | California | ---- | 32.58 | ---- | 25.10 |
| Kilograms per Litre Displacement | | 516.4 | 447.4 | 400.2 | 353.0 |
| Pounds per Cu. In. Displacement | | 18.8 | 16.2 | 14.5 | 12.8 |
| Net Kilowatt/Litre Displacement | Federal | 21.21 | 22.63 | 21.14 | 23.80 |
| | California | ---- | 22.63 | ---- | 23.20 |
| Net H.P./Cu. In. Displacement | Federal | .470 | .498 | .468 | .525 |
| | California | ---- | .498 | --- | .506 |
| Power | Litre/Kilometre | 80.9 | 93.1 | 90.4 | 102.8 |
| Displacement | Cu. Ft./Ton Mile | 129.2 | 149.3 | 144.7 | 165.3 |
| Displacement | Litre/Tonne Kilometre | 43.1 | 49.7 | 46.6 | 52.8 |
| Factor | Cu. Ft./Ton Mile | 68.8 | 79.7 | 74.6 | 85.0 |

GLOSSARY (English equivalent is bracketed)

| | |
|---------------------------|--|
| Performance Weight (Mass) | Curb Weight (Mass) plus average weight of four passengers - 272.2 kg (600 lbs.) |
| Power Displacement | $\frac{\text{Crankshaft Revs/km (Revs/Mi)} \times \text{Piston Displacement}}{2 \times 28.3 \text{ Cu. Litres (2} \times 1728 \text{ cu. in.)}}$ |
| Displacement Factor | $\frac{\text{Power Displacement}}{\text{Performance Weight (tons) Mass (tonne)}}$ |

PRINCIPAL COMPONENTS

CYLINDER BLOCK

| | |
|--|----------------------------------|
| Material | Cast alloy iron |
| Bore Diameter - mm (in.) | |
| 3.3 Litre V-6 | 88.887-88.964 (3.4995-3.5025) |
| 3.8 Litre V-6 | 96.52 (3.800) |
| 4.4 Litre V-8 | 88.887-88.964 (3.4995-3.5025) |
| 5.0 Litre V-8 | 94.882-94.958 (3.7355-3.7385) |
| Number of Bulkheads | |
| 3.3 & 3.8 Litre V-6 | 4 |
| 4.4 & 5.0 Litre V-8 | 5 |
| Water Jacket | Full length around each cylinder |
| Bearing Caps (number, material & attachment) | |
| 3.3 & 3.8 Litre V-6 | 4, cast iron, 2-bolt |
| 4.4 & 5.0 Litre V-8 | 5, cast iron, 2-bolt |
| Bore Spacing (C to C) - mm (in.) | |
| 3.3 Litre V-6 | 111.8 (4.40) |
| 3.8 Litre V-6 | 107.7 (4.24) |
| 4.4 & 5.0 Litre V-8 | 111.8 (4.40) |

CYLINDER HEAD

| | |
|---------------------|---|
| Material | Cast iron |
| Bolt No. & Size | |
| 3.3 & 3.8 Litre V-6 | 16; 11 mm (.4375 in.) dia., 14 threads/25 mm (1.0 in.) |
| 4.4 & 5.0 Litre V-8 | 34; 11 mm (.4375 in.) dia., 14 threads/25 mm (1.0 in.) |

COMBUSTION CHAMBER VOLUME

| | |
|---|-------------|
| (Total chamber volume assembled engine with piston at top center) - cm ³ (in. ³) | |
| 3.3 Litre V-6 | 76.4 (4.66) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 74.9 (4.57) |
| 5.0 Litre V-8 | 84.1 (5.13) |

INLET MANIFOLD

| | |
|---------------|---------------|
| Material | |
| 3.3 Litre V-6 | Cast aluminum |
| 3.8 Litre V-6 | Cast iron |
| 4.4 Litre V-8 | Cast iron |
| 5.0 Litre V-8 | Cast iron |

EXHAUST MANIFOLD

| | |
|--------------------------------------|---|
| Material | Cast iron |
| Type | |
| 3.3 & 3.8 Litre V-6 | Dual, 3-port rear takedown |
| 4.4 & 5.0 Litre V-8 | Dual, 4-port rear takedown |
| Outlet Diameter (Nominal) - mm (in.) | |
| 3.3 Litre V-6 | Left - 46.7 (1.84) Right 47.7 (1.88) |
| 3.8 Litre V-6 | 44.5 (1.75) |
| 4.4 & 5.0 Litre V-8 | 50.8 (2.0) |

CRANKSHAFT

| | |
|----------------------------------|-----------------------------------|
| Material | Cast nodular iron |
| End Play - mm (in.) | |
| 3.3 Litre V-6 | 0.05-0.18 (.002-.007) |
| 3.8 Litre V-6 | 0.08-0.23 (.003-.009) |
| 4.4 & 5.0 Litre V-8 | 0.05-0.18 (.002-.007) |
| Counterweights | |
| 3.3 & 3.8 Litre V-6 | 6 |
| 4.4 Litre V-8 | 6 |
| 5.0 Litre V-8 | 6 |
| Crank Arm Length - mm (in.) | |
| 3.3 Litre V-6 | 44.2 (1.74) |
| 3.8 Litre V-6 | 49.8 (1.96) |
| 4.4 & 5.0 Litre V-8 | 44.2 (1.74) |
| Torsional Damper | Rubber mounted inertia |
| Timing Gear | |
| 3.3 Litre V-6 | Steel; sprocket and chain |
| 3.8 Litre V-6 | Sintered iron; sprocket and chain |
| 4.4 Litre V-8 | Sintered iron; sprocket and chain |
| 5.0 Litre V-8 | Sintered iron; sprocket and chain |
| Pulley Pitch Diameter - mm (in.) | 168.7 (6.64) |

MAIN BEARINGS

| | |
|-------------------------------|--|
| Material | |
| 3.3 Litre V-6 | No. 1 - G66 Conecc; No. 2-3 & 4 M400 |
| 3.8 Litre V-6 | No. 1 upper - M400 Conecc; No. 1 lower - M100; No. 3 - M100; No. 2 & 4 - M3 |
| 4.4 & 5.0 Litre V-8 | No. 1 - G66 Conecc; No. 2, 3, 4 - M400; No. 5 upper - M100; No. 5 Lower - M400 w A.T., M100 w/M.T. |
| Type | Precision, removable |
| Thrust Against Bearing Number | |
| 3.3 Litre V-6 | 4 |
| 3.8 Litre V-6 | 2 |
| 4.4 & 5.0 Litre V-8 | 5 |
| Clearance - mm (in.) | |
| 3.3 Litre V-6 | |
| No. 1, 2, 3 | 0.051-0.089 (.0020-.0035) |
| No. 4 | 0.013-0.038 (.0005-.0015) |
| 3.8 Litre V-6 | |
| No. 1, 2, 3, 4 | 0.010-0.040 (.0004-.0017) |
| 4.4 Litre V-8 | |
| No. 1 thru 5 | 0.051-0.089 (.0020-.0035) |
| 5.0 Litre V-8 | |
| No. 1 | 0.020-0.051 (.0008-.0020) |
| No. 2, 3, 4 | 0.028-0.058 (.0011-.0023) |
| No. 5 | 0.043-0.084 (.0017-.0033) |

DIMENSION

| | Theoretical Inner Dia. | | Effective Length | | Projected Area | |
|---------------------|------------------------|--------|------------------|-------|-----------------|------------------|
| | mm | in. | mm | in. | cm ² | in. ² |
| 3.3 Litre V-6 | | | | | | |
| No. 1 | 62.202 | 2.4489 | 20.37 | .802 | 12.668 | 1.964 |
| No. 2-3 | 62.194 | 2.4486 | 20.37 | .802 | 12.668 | 1.964 |
| No. 4 | 62.255 | 2.4510 | 29.39 | 1.153 | 18.228 | 2.826 |
| 3.8 Litre V-6 | | | | | | |
| No. 1, 3, 4 | 63.487 | 2.4995 | 21.95 | .864 | 13.932 | 2.160 |
| No. 2 | 63.487 | 2.4995 | 26.85 | 1.057 | 17.041 | 2.642 |
| 4.4 & 5.0 Litre V-8 | | | | | | |
| No. 1-4 | 62.235 | 2.4502 | 19.10 | .752 | 11.887 | 1.843 |
| No. 5 | 62.250 | 2.4508 | 29.97 | 1.180 | 18.653 | 2.892 |

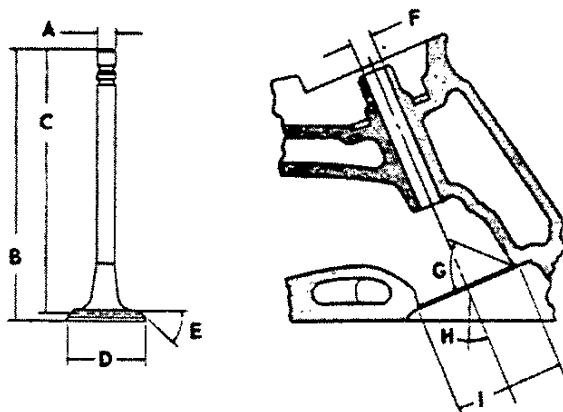
CRANKSHAFT AND BEARINGS



PRINCIPAL COMPONENTS

INLET VALVES

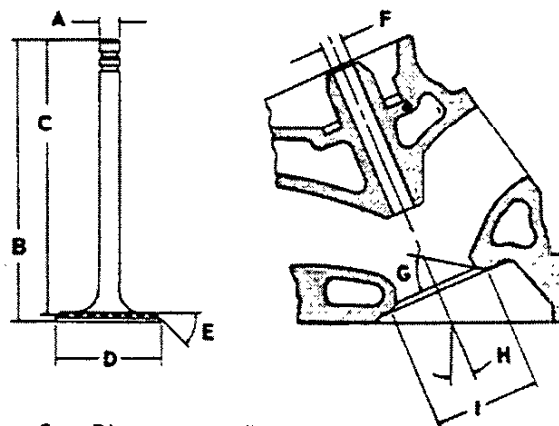
| | |
|----------|--------------|
| Material | Alloy steel |
| Coating | None |
| Stems | Chrome flash |



| | |
|---|---------------------------------|
| A - Stem Diameter - mm (in.) | |
| 3.3 Litre V-6 | 8.661-8.679 (.3410-.3417) |
| 3.8 Litre V-6 | 8.641-8.666 (.3402-.3412) |
| 4.4 & 5.0 Litre V-8 | 8.661-8.679 (.3410-.3417) |
| B - Overall Length - mm (in.) | |
| 3.3 Litre V-6 | 125.30-125.40 (4.9329-4.9369) |
| 3.8 Litre V-6 | 119.33-120.09 (4.698-4.728) |
| 4.4 & 5.0 Litre V-8 | 124.51-125.02 (4.902-4.922) |
| C - Gage Length - mm (in.) | |
| 3.3 Litre V-6 | 122.044-122.298 (4.8049-4.8149) |
| 3.8 Litre V-6 | 116.21-116.59 (4.575-4.590) |
| 4.4 & 5.0 Litre V-8 | 121.539-121.793 (4.785-4.795) |
| D - Overall Head Diameter - mm (in.) | |
| 3.3 Litre V-6 | 40.51-41.91 (1.595-1.605) |
| 3.8 Litre V-6 | 43.43 (1.710) |
| 4.4 & 5.0 Litre V-8 | 43.56-43.81 (1.715-1.725) |
| E - Angle of Face (°) | 45 |
| F - Guide Dia. - mm (in.) | 8.70-8.73 (.3427-.3437) |
| G - Angle of Seat (°) | |
| 3.3 Litre V-6 | 46 |
| 3.8 Litre V-6 | 45 |
| 4.4 & 5.0 Litre V-8 | 46 |
| H - Valve Angle (°) | |
| 3.3 Litre V-6 | 23 |
| 3.8 Litre V-6 | |
| 4.4 & 5.0 Litre V-8 | 23 |
| I - Valve Seat (Cutter) Dia. - mm (in.) | |
| 3.3 Litre V-6 | 46.7 (1.84) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 46.7 (1.84) |
| 5.0 Litre V-8 | 46.30-46.46 (1.823-1.829) |

EXHAUST VALVES

| | |
|---------------------|--------------------|
| Material | High alloy steel |
| Coating | |
| 3.3 Litre V-6 | Aluminum face |
| 3.8 Litre V-6 | Nickel plated head |
| 4.4 & 5.0 Litre V-8 | Aluminum face |
| All Stems | Chrome flash |



| | |
|---|-----------------------------|
| A - Stem Diameter - mm (in.) | |
| 3.3 Litre V-6 | 8.661-8.679 (.3410-.3417) |
| 3.8 Litre V-6 | 8.649-8.667 (.3405-.3412) |
| 4.4 & 5.0 Litre V-8 | 8.661-8.679 (.3410-.3417) |
| B - Overall Length - mm (in.) | |
| 3.3 Litre V-6 | 124.71-125.22 (4.910-4.930) |
| 3.8 Litre V-6 | 119.46-120.22 (4.703-4.733) |
| 4.4 & 5.0 Litre V-8 | 124.71-125.22 (4.910-4.930) |
| C - Gage Length - mm (in.) | |
| 3.3 Litre V-6 | 122.07-122.33 (4.806-4.816) |
| 3.8 Litre V-6 | 116.21-116.59 (4.575-4.590) |
| 4.4 & 5.0 Litre V-8 | 121.44-121.69 (4.781-4.791) |
| D - Overall Head Dia. - mm (in.) | |
| 3.3 Litre V-6 | 34.92-35.18 (1.375-1.385) |
| 3.8 Litre V-6 | 38.1 (1.50) |
| 4.4 & 5.0 Litre V-8 | 37.97-38.23 (1.495-1.505) |
| E - Angle of Face (°) | 45 |
| F - Guide Diameter - mm (in.) | 8.70-8.73 (.3427-.3437) |
| G - Angle of Seat (°) | |
| 3.3 Litre V-6 | 46 |
| 3.8 Litre V-6 | 45 |
| 4.4 & 5.0 Litre V-8 | 46 |
| H - Valve Angle (°) | |
| 3.3 Litre V-6 | 23 |
| 3.8 Litre V-6 | |
| 4.4 & 5.0 Litre V-8 | 23 |
| I - Valve Seat (Cutter) Dia. - mm (in.) | |
| 3.3 Litre V-6 | 38.1 (1.50) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 42.2 (1.66) |
| 5.0 Litre V8 | 33.6 (1.324) |

PRINCIPAL COMPONENTS

VALVE LIFT - mm (in.)

| | |
|---------------------|-------------|
| 3.3 Litre V-6 | |
| Inlet | 9.5 (.373) |
| Exhaust | 10.4 (.410) |
| 3.8 Litre V-6 | |
| Inlet | 9.07 (.357) |
| Exhaust | 9.3 (.366) |
| 4.4 & 5.0 Litre V-8 | |
| Inlet | 9.5 (.373) |
| Exhaust | 10.4 (.410) |

VALVE TIMING (Crankshaft Degrees - Excluding Ramps)

| | |
|---------------------|-----|
| 3.3 Litre V-6 | |
| Inlet Valve | |
| Opens - °BTC | 34 |
| Closes - °ABC | 86 |
| Duration | 300 |
| Exhaust Valve | |
| Opens - °BBC | 88 |
| Closes - °ATC | 52 |
| Duration | 320 |
| 3.8 Litre V-6 | |
| Inlet Valve | |
| Opens - °BTC | 16 |
| Closes - °ABC | 63 |
| Duration | 259 |
| Exhaust Valve | |
| Opens - °BBC | 68 |
| Closes - °ATC | 29 |
| Duration | 277 |
| 4.4 & 5.0 Litre V-8 | |
| Inlet Valve | |
| Opens - °BTC | 28 |
| Closes - °ABC | 64 |
| Duration | 272 |
| Exhaust Valve | |
| Opens - °BBC | 78 |
| Closes - °ATC | 30 |
| Duration | 288 |

PISTONS

| | |
|--|---------------------------|
| Material | |
| 3.3 Litre V-6 | Cast autothermic |
| 3.8 Litre V-6 | Cast aluminum |
| 4.4 & 5.0 Litre V-8 | Cast autothermic |
| Head Type | |
| 3.3 Litre V-6 | Sump |
| 3.8 Litre V-6 | Dished |
| 4.4 & 5.0 Litre V-8 | Sump |
| Skirt Type | Slipper |
| Top Land Clearance - mm (in.) | |
| 3.3 Litre V-6 | 0.05-0.09 (.020-.036) |
| 3.8 Litre V-6 | 1.17-1.42 (.046-.056) |
| 4.4 & 5.0 Litre V-8 | 0.622-0.851 (.0245-.0335) |
| Skirt Clearance - mm (in.) | |
| 3.3 Litre V-6 | 0.013-0.038 (.0005-.0015) |
| 3.8 Litre V-6 | 0.020-0.050 (.0008-.0020) |
| 4.4 & 5.0 Litre V-8 | 0.018-0.107 (.0007-.0042) |
| Compression Ring Groove Depth - mm (in.) | |
| 3.3 Litre V-6 | 5.372-5.499 (.2115-.2165) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 4.796-4.961 (.1888-.1953) |
| 5.0 Litre V-8 | 5.088-5.265 (.2003-.2073) |
| Oil Ring Groove Depth - mm (in.) | |
| 3.3 Litre V-6 | 5.906-6.032 (.2325-.2375) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 5.329-5.494 (.2098-.2163) |
| 5.0 Litre V-8 | 5.342-5.570 (.2103-.2193) |
| Pin Bore Offset - mm (in.) | |
| 3.3 Litre V-6 | 1.40-1.65 (.055-.065) |
| 3.8 Litre V-6 | 1.02 (.040) |
| 4.4 & 5.0 Litre V-8 | 1.40-1.65 (.055-.065) |
| Compression Height - mm (in.) | |
| 3.3 Litre V-6 | 39.57-39.67 (1.558-1.562) |
| 3.8 Litre V-6 | |
| 4.4 & 5.0 Litre V-8 | 39.57-39.67 (1.558-1.562) |

PISTON PINS

| | |
|--------------------------------|-------------------------------|
| Material | |
| 3.3 Litre V-6 | Chromium steel |
| 3.8 Litre V-6 | Extruded SAE-1018 |
| 4.4 & 5.0 Litre V-8 | Chromium steel |
| Length - mm (in.) | |
| 3.3 Litre V-6 | 69.70-70.10 (2.740-2.760) |
| 3.8 Litre V-6 | 73.66 (2.90) |
| 4.4 & 5.0 Litre V-8 | 75.95-76.45 (2.990-3.010) |
| Diameter - mm (in.) | |
| 3.3 Litre V-6 | 23.546-23.553 (.9270-.9273) |
| 3.8 Litre V-6 | 23.853-23.860 (.9391-.9394) |
| 4.4 & 5.0 Litre V-8 | 23.546-23.553 (.9270-.9273) |
| Clearance in Piston - mm (in.) | |
| 3.3 Litre V-6 | 0.0038-0.0076 (.00015-.00030) |
| 3.8 Litre V-6 | 0.010-0.018 (.0004-.0007) |
| 4.4 Litre V-8 | 0.0013-0.0076 (.00005-.00030) |
| 5.0 Litre V-8 | 0.0063-0.0089 (.00025-.00035) |

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

| | |
|---------------------------|------------------------------|
| Material | Cast alloy iron |
| Type | Straight edge inside of ring |
| Face | |
| 3.3 Litre V-6 | Radius |
| 3.8 Litre V-6 | Barrel |
| 4.4 & 5.0 Litre V-8 | Radius |
| Coating | |
| 3.3 Litre V-6 | Chrome flash |
| 3.8 Litre V-6 | Molybdenum |
| 4.4 & 5.0 Litre V-8 | Chrome flash |
| Width - mm (in.) | |
| 3.3 Litre V-6 | 1.968-1.981 (.0775-.0780) |
| 3.8 Litre V-6 | 1.96-1.98 (.0770-.0780) |
| 4.4 & 5.0 Litre V-8 | 1.956-1.981 (.0770-.0780) |
| Wall Thickness - mm (in.) | |
| 3.3 Litre V-6 | 3.91-4.17 (.154-.164) |
| 3.8 Litre V-6 | 4.27-4.52 (.168-.178) |
| 4.4 & 5.0 Litre V-8 | 4.24-4.50 (.167-.177) |
| Gap - mm (in.) | |
| 3.3 Litre V-6 | 0.25-0.50 (.010-.020) |
| 3.8 Litre V-6 | 0.33-0.58 (.013-.023) |
| 4.4 & 5.0 Litre V-8 | 0.25-0.50 (.010-.020) |

COMPRESSION RINGS - LOWER

| | |
|---------------------------|---------------------------|
| Material | Cast alloy iron |
| Type | |
| 3.3 Litre V-6 | Reverse twist |
| 3.8 Litre V-6 | Inside bevel |
| 4.4 & 5.0 Litre V-8 | Reverse twist |
| Face | Tapered |
| Coating | Lubrited |
| Width - mm (in.) | |
| 3.3 Litre V-6 | 1.956-1.981 (.0770-.0780) |
| 3.8 Litre V-6 | 1.96-1.98 (.0770-.0780) |
| 4.4 & 5.0 Litre V-8 | 1.969-1.981 (.0775-.0780) |
| Wall Thickness - mm (in.) | |
| 3.3 Litre V-6 | 3.91-4.17 (.154-.164) |
| 3.8 Litre V-6 | 4.27-4.52 (.168-.178) |
| 4.4 & 5.0 Litre V-8 | 4.24-4.50 (.167-.177) |
| Gap - mm (in.) | |
| 3.3 Litre V-6 | 0.25-0.50 (.010-.020) |
| 3.8 Litre V-6 | 0.33-0.58 (.013-.023) |
| 4.4 Litre V-8 | 0.25-0.63 (.010-.025) |
| 5.0 Litre V-8 | 0.33-0.63 (.013-.025) |

OIL CONTROL RINGS

| | |
|------------------------------|--|
| Type | Multi-piece (two rails and one spacer) |
| Material | |
| Rails | Steel |
| Spacer | Stainless steel |
| Rail Coating | Chrome plated |
| Width (Assembled) - mm (in.) | |
| 3.3 Litre V-6 | 4.52-4.62 (.178-.182) |
| 3.8 Litre V-6 | 3.43-3.61 (.135-.142) |
| 4.4 Litre V-8 | 4.52-4.62 (.178-.182) |
| 5.0 Litre V-8 | 4.722-4.773 (.1859-.1879) |
| Wall Thickness - mm (in.) | |
| 3.3 Litre V-6 | 3.51-3.66 (.138-.144) |
| 3.8 Litre V-6 | 3.76-3.86 (.148-.152) |
| 4.4 Litre V-8 | 3.51-3.66 (.138-.144) |
| 5.0 Litre V-8 | 3.51-3.63 (.138-.143) |
| Gap - mm (in.) | |
| 3.3 Litre V-6 | 0.25-0.76 (.010-.030) |
| 3.8 Litre V-6 | 0.38-0.89 (.015-.035) |
| 4.4 & 5.0 Litre V-8 | 0.25-0.89 (.010-.035) |

CONNECTING RODS

| | |
|--------------------------------------|-----------------------------|
| Material | |
| 3.3 Litre V-6 | 1037 or 1038 steel |
| 3.8 Litre V-6 | Arma steel |
| 4.4 & 5.0 Litre V-8 | 1037 or 1038 steel |
| Length (Center to Center) - mm (in.) | |
| 3.3 Litre V-6 | 144.65-144.91 (5.695-5.705) |
| 3.8 Litre V-6 | 151.4 (5.96) |
| 4.4 & 5.0 Litre V-8 | 144.65-144.91 (5.695-5.705) |

CONNECTING ROD BEARINGS

| | |
|-----------------------------|---------------------------|
| Material | Premium aluminum |
| Type | Precision removable |
| Clearance - mm (in.) | |
| 3.3 Litre V-6 | 0.025-0.063 (.0010-.0025) |
| 3.8 Litre V-6 | 0.13-0.066 (.0005-.0026) |
| 4.4 & 5.0 Litre V-8 | 0.033-0.089 (.0013-.0035) |
| Effective Length - mm (in.) | |
| 3.3 Litre V-6 | 16.97 (.668) |
| 3.8 Litre V-6 | 16.61 (.654) |
| 4.4 & 5.0 Litre V-8 | 20.24 (.797) |
| End Play - mm (in.) | |
| 3.3 Litre V-6 | 0.15-0.38 (.006-.015) |
| 3.8 Litre V-6 | 0.15-0.58 (.006-.023) |
| 4.4 & 5.0 Litre V-8 | 0.15-0.41 (.006-.016) |

FUEL SYSTEM

FUEL TANK

| | |
|---------------------|----------------------------------|
| Capacity - L (gal.) | 68.5 (18.1) |
| Fuel Tank Location | Under floor |
| Filler Location | Behind hinged rear license plate |

FUEL FILTERS DUAL

| | |
|---------------------|----------------------------|
| In Fuel Tank | Fine mesh plastic strainer |
| In Carburetor Inlet | Paper filter element |

FUEL PUMP ASSEMBLY

| | |
|----------------------------|-----------------------|
| Type | Mechanical, diaphragm |
| Drive | Camshaft eccentric |
| Location on Engine | |
| 3.3 Litre V-6 | Lower right front |
| 3.8 Litre V-6 | Lower left front |
| 4.4 & 5.0 Litre V-8 | Lower right front |
| Pressure Range - kPa (psi) | |
| 3.3 Litre V-6 | 31.0-41.4 (4.5-6.0) |
| 3.8 Litre V-6 | 29.3-39.6 (4.25-5.75) |
| 4.4 & 5.0 Litre V-8 | 51.7-62.0 (7.5-9.0) |

AIR CLEANER

| | |
|---------------------|---|
| Type | |
| 3.3 & 3.8 Litre V-6 | Ducted air, closed paper element, thermac, single snorkel |
| 4.4 & 5.0 Litre V-8 | Ducted air, closed paper element, thermac, single snorkel |
| Diameter - mm (in.) | |
| 3.3 & 3.8 Litre V-6 | 304.8 (12.0) |
| 4.4 Litre V-8 | 304.8 (12.0) |
| 5.0 Litre V-8 | 374.7 (14.75) |

CARBURETORS

| | |
|------------------------------|--|
| Make | Rochester Products |
| Type | |
| 3.3 & 3.8 Litre V-6 | 2-barrel |
| 4.4 Litre V-8 | 2-barrel |
| 5.0 Litre V-8 | 4-barrel |
| SAE Flange Size - mm (in.) | 38.1 (1.50) |
| Throttle Bore - mm (in.) | |
| 3.3 Litre V-6 | 34.9 (1.375) |
| 3.8 Litre V-6 | |
| 4.4 Litre V-8 | 35.0 (1.38) |
| 5.0 Litre V-8 | |
| Primary | 35.0 (1.38) |
| Secondary | 57.2 (2.25) |
| Secondary Throttle Actuation | By linkage, approximately when primary valves are opened halfway between closed and open |
| Venturi Diameter - mm (in.) | |
| 3.3 Litre V-6 | 30.9 (1.218) |
| 3.8 Litre V-6 | 27.8 (1.093) |
| 4.4 Litre V-8 | 30.9 (1.218) |
| 5.0 Litre V-8 | |
| Primary | 30.9 (1.218) |
| Secondary | Air valve |

CHOKE

| | |
|---------------------|------------------|
| Type | |
| 3.3 & 3.8 Litre V-6 | Electric |
| 4.4 Litre V-8 | Electric |
| 5.0 Litre V-8 | Integral hot air |

EXHAUST SYSTEMS

TYPE Single exhaust and
converter with crossover pipe

MUFFLER

Type Oval, reverse flow
Construction Heads and body joined by
rolled lock seam
Installation Transverse mounted behind
rear axle
Head - mm (in.) . . . 1.22 (.048) aluminized sheet steel
Shell - mm (in.) . . . 0.79 (.031) aluminized sheet steel
Cover - mm (in.) . . . 0.38 (.015) aluminized sheet steel
Body - mm (in.)
Length
3.3 & 3.8 Litre V-6 508.0 (20.0)
4.4 & 5.0 Litre V-8 559.0 (22.0)
Width 235.0 (9.25)
Height 127.0 (5.0)

EXHAUST CROSSOVER PIPE

Dimensions (O.D.) & Wall Thickness - mm (in.)
3.3 Litre V-6 50.8 x 1.02 laminated
(2.0 x .040)
3.8 Litre V-6 50.8 x 1.80 laminated
(2.0 x .071)
4.4 Litre V-8 50.8 x 1.02 laminated
(2.0 x .040)
5.0 Litre V-8 50.8 x 1.02 laminated
(2.0 x .040)

EXHAUST PIPE TO CONVERTER

Dimensions (O.D.) & Wall Thickness - mm (in.)
3.3 & 3.8 Litre V-6 57.15 x 1.80 (2.25 x .071)
4.4 Litre V-8 57.15 x 1.80 (2.25 x .071)
5.0 Litre V-8 63.5 (2.50)

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimensions (O.D.) & Wall Thickness - mm (in.)
3.3 Litre V-6 50.8 x 1.40 (2.0 x .055)
3.8 Litre V-6 50.8 x 1.40 (2.0 x .055)
4.4 Litre V-8 50.8 x 1.40 (2.0 x .055)
5.0 Litre V-8 57.15 x 1.40 (2.25 x .055)

TAIL PIPE

Dimension (O.D.) & Wall Thickness - mm (in.)
3.3 & 3.8 Litre V-6 50.8 x 1.40 (2.0 x .055)
4.4 & 5.0 Litre V-8 57.15 x 1.40 (2.25 x .055)

EMISSION CONTROL EQUIPMENT

SYSTEM APPLICATION

| SYSTEM TYPE | ENGINE ADAPTATION | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 3.3 Litre RPO L26 | 3.8 Litre RPO LD5 | 4.4 Litre RPO LC6 | 4.4 Litre RPO L39 | 5.0 Litre RPO LG4 |
| COA - Carburetor Outside Air | a | - | - | a | a, b, c |
| CTS - Cold Trapped Spark | a | - | - | a | a |
| T-CHA - Trapped - Carburetor Hot Air | a | - | - | a | a, b, c |
| EFE - Early Fuel Evaporation | a | a, b | c | a | a, b, c |
| EGR - Exhaust Gas Recirculation | a | a, b | c | a | a, b, c |
| FEC - Fuel Evaporation Control | a | a, b | c | a | a, b, c |
| PCV - Positive Crankcase Ventilation | a | a, b | c | a | a, b, c |
| SVR - Spark Vacuum Regulator | a | - | - | a | - |
| UFC - Under Floor Converter | a | a, b | - | a | a, b, c |
| MAI - Manifold Air Injection | - | b | - | - | b, c |
| CHA - Carburetor Hot Air | - | a, b | c | - | - |
| C-4 Sys - Computer Controlled Catalytic Converter System | - | - | c | - | - |

- a - 49 states without altitude RPO NA6
b - 49 states with Altitude RPO NA6
c - California

BASIC FUNCTION OF SYSTEMS

CARBURETOR OUTSIDE AIR

Duct work connecting air cleaner snorkel to air source outside of engine compartment. Provides cooler outside air to CHA system for improved performance after engine warm-up.

COLD TRAPPED SPARK

Maintains distributor spark advance during heavier load accelerations for improved engine warm-up.

TRAPPED - CARBURETOR HOT AIR

Check valve added to CHA system to delay damper valve opening to cold air source during large throttle settings for improved driveability during warm-up.

EARLY FUEL EVAPORATION

A thermostatically controlled system designed to supply hot exhaust gasses to heat carburetor base and inlet manifold during early stages of cold engine operation. Improves cold engine driveability during warm-up.

EXHAUST GAS RECIRCULATION SYSTEM

Meters exhaust gas into induction system for recirculation through the combustion cycle to reduce oxides of nitrogen emissions.

FUEL EVAPORATION CONTROL SYSTEM

Controls emission of gasoline vapors to the atmosphere by means of an integral separator with the fuel tank that separates vapor from liquid fuel - a filler cap that doesn't permit venting into the atmosphere - a canister for storage of vapors - lines, hoses and valves to control and transport vapors from fuel tank and carburetor float bowl to storage, and finally, to the carburetor for utilization in running the engine.

POSITIVE CRANKCASE VENTILATION

Withdraws oil and gas vapors from the various cavities throughout the engine for burning in the combustion cycle.

SPARK VACUUM REGULATOR

Optimizes spark advance at idle to improve idle quality and increase fuel economy.

UNDER FLOOR CONVERTER

A device placed in the exhaust system containing the catalytic bed through which exhaust gasses are passed. The catalyst may be configured to cause both a reduction and oxydation reaction, or an oxydation reaction only.

MANIFOLD AIR INJECTION

Compresses, regulates and distributes quantities of air to the manifold to more completely burn carbon monoxide and hydrocarbon emissions.

CARBURETOR HOT AIR SYSTEM

A thermostatically controlled air induction system designed to aid carburetion. Consists of a heat stove to supply preheated air and a vacuum powered damper to mix air normally drawn in through the snorkel with the hot air. Produces a more uniform carburetor air temperature which permits proper emission control with improved engine operation.

COMPUTER CONTROLLED CATALYTIC CONVERTER SYSTEM

A system designed to monitor engine functions and through an on-board computer, combine precise electronic control of fuel-air ratio near the stoichiometric with an oxidation-reduction catalytic converter to control emissions. This system maintains the currently achieved low levels of hydrocarbons and carbon monoxide emissions while significantly lowering oxides of nitrogen.

LUBRICATION SYSTEM

GENERAL

| | |
|---------------------------|--|
| Type | Controlled full pressure |
| Type of Lubrication | |
| Main Bearings | Pressure |
| Connecting Rods | Pressure |
| Piston Pins | Splash |
| Cylinder Wall | |
| 3.3 & 3.8 Litre V-6 | Splash |
| 4.4 & 5.0 Litre V-8 | Pressure jet cross sprayed |
| Camshaft Bearings | Pressure |
| Valve Lifters | Pressure |
| Rocker Arms | Pressure |
| Timing Gears | |
| 3.3 & 3.8 Litre V-6 | Splash and nozzle |
| 4.4 & 5.0 Litre V-8 | Centrifugally oiled from camshaft bearing |
| Oil Pressure Sending Unit | Electric |
| Oil Filter | |
| Cap | Positive seal |
| Location | Left valve rocker cover |

OIL PAN CAPACITY - LITRES (QUARTS)

| | |
|---------------------------|---------------|
| Refill | 3.8 (4.0) |
| Refill with Filter Change | |
| 3.3 & 3.8 Litre V-6 | 4.075 (4.292) |
| 4.4 Litre V-8 | 4.075 (4.292) |
| 5.0 Litre V-8 | 4.39 (4.625) |

LUBRICANT GRADES AND TEMPERATURES

| | |
|--------------------------------|---|
| -6.6°C (20°F and Above) | 10W-30, 10W-40, 20W-20, 20W-40, 20W-50 |
| -17.7°C (0°F) to 15.5°C (60°F) | 10W, 5W-30, 10W-30, 10W-40 |
| -6.6°C (20°F) and Below | 5W-20, 5W-30 |

OIL PUMP

| | |
|---|--|
| Type | Gear |
| Regulator Valve | Opens between 276-310 kPa (40-45 psi) |
| Oil Pressure - kPa (psi) | |
| 3.3 Litre V-6 | 3103 (45) |
| 3.8 Litre V-6 | 234.5 (34) |
| 4.4 & 5.0 Litre V-8 | 310.3 (45) |
| Intake Type | Fixed pickup with screen |
| Capacity - $\frac{1}{min}$ (GPM) @ Engine RPM | 10 (4.3) @ 2000 |

OIL FILTER

| | |
|----------------------------|---|
| Type | Full flow, throwaway filter |
| Location | |
| 3.3 Litre V-6 | Left rear side of engine |
| 3.8 Litre V-6 | Right front side of engine |
| 4.4 & 5.0 Litre V-8 | Left rear side of engine |
| Capacity - Litres (quarts) | |
| 3.3 & 3.8 Litre V-6 | 0.275 (0.292) |
| 4.4 Litre V-8 | 0.275 (0.292) |
| 5.0 Litre V-8 | 0.59 (0.625) |
| By-Pass Valve | Opens between 68.9-82.7 kPa (10-12 psi) drop in pressure |

OIL DIPSTICK LOCATION

| | |
|---------------------|------------------------------------|
| 3.3 Litre V-6 | Right side, center of engine block |
| 3.8 Litre V-6 | Left side, center of engine block |
| 4.4 & 5.0 Litre V-8 | Left side, center of engine block |

OIL PAN DRAIN PLUG

| | |
|-----------------------------|---------------------------------|
| Type | Hex head |
| Location | |
| 3.3 Litre V-6 | Left lower face of oil pan sump |
| 3.8 Litre V-6 | Lower face of oil pan sump |
| 4.4 & 5.0 Litre V-8 | Left lower face of oil pan sump |
| Size of Hex Head - mm (in.) | 21.84-22.23 (.860-.875) |
| Thread Size | 1/2-20 UNF2A |
| Length - mm (in.) | 20.6 (0.81) |
| Diameter - mm (in.) | 10.4-10.9 (.41-.43) |

COOLING SYSTEM

GENERAL

Type Pressure vented through coolant recovery system

Capacity with Heater - Litres (quarts)

| | |
|------------------------|-------------|
| 3.3 Litre V-6 | 17.8 (18.8) |
| 3.8 Litre V-6 | 14.6 (15.4) |
| 4.4 Litre V-8 | |
| Manual Transmission | 19.5 (20.6) |
| Automatic Transmission | 20.2 (21.4) |
| 5.0 Litre V-8 | 18.0 (19.0) |

RADIATOR

Type Cross flow, tube and center

Cone Constant and Thickness

Distance Between Fins - mm (in.)

| | |
|-----------------------------|------------|
| 3.3 Litre V-6 | 7.62 (.30) |
| 3.8 Litre V-6 | |
| Above 4000 Ft. Alt. | 6.35 (.25) |
| California & Below 4000 ft. | 7.62 (.30) |
| 4.4 Litre V-8 | 5.08 (.20) |
| 5.0 Litre V-8 | |

Automatic Transmission

| | |
|-----------------------------------|------------|
| 49 States Below 4000 Ft. | 5.08 (.20) |
| 49 States Above 4000 Ft. & Calif. | 4.57 (.18) |

Core Thickness - mm (in.) 31.5 (1.24)

Frontal Area - cm² (in²)

| | |
|---------------------|------------|
| 3.3 Litre V-6 | 2877 (446) |
| 3.8 Litre V-6 | 2277 (353) |
| 4.4 & 5.0 Litre V-8 | 2877 (446) |

Overflow Separate coolant bottle

RADIATOR, HEAVY DUTY (RPO V01)

Cone Constant and Thickness

Distance Between Fins - mm (in.)

| | |
|-----------------------------|------------|
| 3.3 Litre V-6 | 6.35 (.25) |
| 3.8 Litre V-6 | |
| Above 4000 Ft. Altitude | 5.08 (.20) |
| California & Below 4000 ft. | 6.35 (.25) |
| 4.4 Litre V-8 | |
| Automatic Transmission | 4.06 (.16) |
| 5.0 Litre V-8 | |

Automatic Transmission

| | |
|---------------------|------------|
| Below 4000 Ft. Alt. | 5.08 (.20) |
| Above 4000 Ft. Alt. | 4.06 (.16) |
| California | 4.57 (.18) |

Core Thickness - mm (in.) -

| | |
|---------------------|-------------|
| 3.3 & 3.8 Litre V-6 | 31.5 (1.24) |
| 4.4 Litre V-8 | 31.5 (1.24) |
| 5.0 Litre V-8 | |

Automatic Transmission

| | |
|--|-------------|
| | 49.8 (1.96) |
|--|-------------|

Frontal Area - cm² (in²)

| | |
|---------------------|------------|
| 3.3 Litre V-6 | 2877 (446) |
| 3.8 Litre V-6 | 2277 (353) |
| 4.4 & 5.0 Litre V-8 | 2877 (446) |

Overflow Separate coolant bottle

RADIATOR CAP RELIEF VALVE

Opens at kPa (psi) Approximately 103.4 (15)

THERMOSTAT

| | |
|----------------------------|------------|
| Type | Pellet |
| Begins to Open at -°C (°F) | 90.6 (195) |
| Fully Open at -°C (°F) | 108 (227) |

RADIATOR HOSE

Outlet, Lower (Radiator to Water Pump)

| | |
|---------------------------|-------------|
| Number and Type | One, molded |
| Inner Diameter - mm (in.) | 38.1 (1.50) |

Inlet, Upper (Thermostat Hsg. to Radiator)

| | |
|---------------------------|-------------|
| Number and Type | One, molded |
| Inner Diameter - mm (in.) | 38.1 (1.50) |

FAN

Number of Blades

| | |
|-------------------------|--------------|
| 3.3 Litre V-6 | 4, staggered |
| 3.8 Litre V-6 | 5, staggered |
| 4.4, 5.0, 5.7 Litre V-8 | 4, staggered |

Diameter - mm (in.) 483 (19.0)

Fan Pulley P.D. - mm (in.) 177.8 (7.00)

Fan Cut-out Type

| | |
|---------------|--------|
| 3.8 Litre V-6 | Clutch |
|---------------|--------|

BELTS - CRANKSHAFT, FAN & GENERATOR

| | |
|--------------|--------|
| Number Used | One |
| Angle of "V" | 34-38° |

Pitch Line - mm (in.)

| | |
|---------------------|---------------|
| 3.3 Litre V-6 | 1130.3 (44.5) |
| 3.8 Litre V-6 | 1104.9 (43.5) |
| 4.4 & 5.0 Litre V-8 | 1130.3 (44.5) |

Width - mm (in.) 9.65 (.380)

WATER PUMP

| | |
|----------------------------|--|
| Type | Centrifugal |
| Bearing | Permanently lubricated double row ball |
| Drive | Fan belt |
| Ratio (pump to engine RPM) | 0.949:1 |

DRAIN LOCATIONS AND TYPE

| | |
|---------------------|-------------------------|
| Engine Block - Plug | |
| All Engines | Right and left center |
| Radiator - Petcock | |
| All Engines | Bottom face, right side |

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

| | |
|--------------------------|--|
| Type | Freedom |
| Voltage Rating and Watts | |
| 3.3 Litre V-6 | 12-2500 |
| 3.8 Litre V-6 | 12-2500 |
| 4.4 & 5.0 Litre V-8 | 12-3200 |
| Cold Cranking Rating | |
| 3.3 Litre V-6 | 60 min. res. cap. |
| 3.8 Litre V-6 | 60 min. res. cap. |
| 4.4 & 5.0 Litre V-8 | 80 min. res. cap. |
| Terminal Grounded | Negative |
| Location | Right front side of engine compartment |

GENERATOR

| | |
|-----------------------------------|-----------------|
| Type | Diode rectified |
| Rating, Ampere | |
| 3.3 Litre V-6 | 37 |
| 3.8 Litre V-6 | 42 |
| 4.4 & 5.0 Litre V-8 | 37 |
| Volts | 12-15 |
| Driven By | Fan belt |
| Pulley Pitch Dia. - mm (in.) | 61.7 (2.43) |
| Ratio (Generator to engine speed) | 2.73:1 |

REGULATOR

| | |
|---------|--|
| Type | Micro circuit unit; integral with alternator |
| Voltage | 13.8-14.8 |

IGNITION SYSTEM

| | |
|--------------|-------------------------------|
| Type | High Energy Ignition (H.E.I.) |
| Distributors | Refer to chart below |

SPARK PLUGS

| | |
|------------------------|--------------|
| Type | |
| 3.3 Litre V-6 | R45TS |
| 3.8 Litre V-6 | R46TSX |
| 4.4 Litre V-8 | R45TS |
| 5.0 Litre V-8 | R45TS |
| Thread Size - mm | 14 |
| Gap - mm (in.) | |
| 3.3 Litre V-6 | 1.143 (.045) |
| 3.8 Litre V-6 | 1.524 (.060) |
| 4.4 & 5.0 Litre V-8 | 1.143 (.045) |
| Torque - N-m (lb. ft.) | 34 (25) |

CABLE

| | |
|------|--|
| Type | Linen core impregnated with electrical conducting material and insulation or rubber with neoprene jacket |
|------|--|

STARTING SYSTEM

| | |
|---------------------------|-------------------------|
| STARTING MOTOR | |
| Rotation (Drive end view) | Clockwise |
| Motor Drive | |
| Engagement | Positive shift solenoid |
| Number of Teeth | |
| Pinion | 9 |
| Flywheel | |
| 3.3 Litre V-6 | 153 |
| 3.8 Litre V-6 | 160 |
| 4.4 & 5.0 Litre V-8 | 168 |

| DISTRIBUTORS | 3.3 Litre V-6 RPO L26 | | 3.8 Litre V-6 RPO LDS/LC6 | | 4.4 Litre V-8 RPO L39 | | 5.0 Litre V-8 RPO LG4 | | |
|--|-------------------------------|-----------|------------------------------|-----------|--------------------------|-----------|--------------------------|-----------|-----------|
| Model | 1110696 | 1110756 | 1110766 | (1110767) | 1103371 | 1103370 | 1103282 | 1103379 | (1103368) |
| Type | High Energy Ignition (H.E.I.) | | | | | | | | |
| Centrifugal Advance begins @ RPM | 0 @ 1000 | 0 @ 1400 | 0 @ 1680 | | 0 @ 1000 | 0 @ 1400 | 0 @ 1000 | | 0 @ 1000 |
| Max. degrees @ RPM | 20 @ 3800 | 14 @ 3800 | 15 @ 3600 | | 20 @ 3800 | 14 @ 3800 | 20 @ 3800 | | 20 @ 3800 |
| Vacuum Advance begins @ kPa | 0 @ 10.1 | | 0 @ 13.3 | 0 @ 16.7 | 0 @ 10.1 | | 0 @ 13.5 | | |
| Max. degrees @ kPa | 16 @ 21.9 | | 24 @ 36.7 | 16 @ 28 | 30 @ 32.1 | | 20 @ 33.8 | 18 @ 40.5 | 10 @ 27.0 |
| Timing (initial design setting) Crankshaft degree @ RPM with vacuum line disconnected | 8° BTC | 12° BTC | 15° @ 1600 | | 2° BTC | 8° BTC | 4° BTC | | |
| Timing Mark Location | Torsional Damper | | | | | | | | |

Data in brackets () specific to California.

CLUTCHES AND TRANSMISSIONS

CLUTCHES

| | | | |
|-------------------------------|---------------------------------|--|--|
| Engine | Type | 3.3 Litre V-6 (200 CID) | |
| | Availability | RPO L26 | |
| Type | | Single, dry disc, centrifugal | |
| Clutch Cover & Pressure Plate | Eff. plate load (Newtons, lbs.) | 9340-10230 (2100-2300) | |
| | Pressure plate material | Nodular iron | |
| | Clutch spring type | Diaphragm bent finger | |
| | Clutch spring material | Heat treated spring steel | |
| Driven Plate | Type | Single disc with two friction discs | |
| | Cushions | Flat spring steel between friction rings | |
| | Dampers | 10 coil springs (5 sets of two) | |
| | Friction Rings | O.D. - mm (in.) | 262.6 (10.34) |
| | | I.D. - mm (in.) | 165.1 (6.50) |
| | | Total area cm ² (in. ²) | 655.2 (101.58) |
| | | Material | Woven type asbestos |
| Flywheel & Ring Gear | Flywheel material | | Nodular iron |
| | Ring Gear | Material | Heat treated HR steel |
| | | No. of teeth | 168 |
| | | P.D. - mm (in.) | 324 (12.75) |
| | | Attachment | Shrink fit |
| Bearings | Release | Type | Single row ball |
| | | Lubrication | None, prepacked |
| | Pilot | Type | Bronze bushing |
| | | Lubrication | None, sintered and oil impregnated |
| Control | Clutch fork | | Drop forged steel, pivot mounted on ball |
| | Pedal mounting | | Pendant from brace on dash |
| | Lubrication | | Crossover shaft |
| Clutch housing material | | Aluminum alloy | |

3-SPEED TRANSMISSION

| | | | |
|---------------|--------------------------|--|------|
| Transmission | | 3-Speed | |
| Engine | Type | 3.3 Litre V6 | |
| | Availability | RPO L26 | |
| Case Material | | Cast iron | |
| Gear Shift | Type | Remote | |
| | Control | Lever | |
| | Location | Floor mounted | |
| Gears | Type | Helical | |
| | Material | Forged steel hardened | |
| | Synchronization | All forward gears | |
| | Constant mesh gears | All gears | |
| | Sliding | None | |
| | Ratios | First | 3.50 |
| | | Second | 1.89 |
| | | Third | 1.00 |
| | | Fourth | - |
| | | Reverse | 3.62 |
| Lubricant | Type | GL-5 Gear lubricant (80W or 80W-90) | |
| | Capacity - litres (pts.) | 1.42 (3.0) | |
| Extension | Material | Cast iron | |
| | Oil | Steel encased seat of spring loaded silicone | |

TRANSMISSIONS

THREE-SPEED AUTOMATIC TRANSMISSIONS

| Engine | Displacement | 3.3 Litre V-6; 3.8 Litre V-6; 4.4 Litre V-8 | 5.0 Litre V8 (305 Cu. In.) |
|-----------------------|---------------------------|---|---|
| General | Type | Automatic hydraulic torque converter with compound planetary gear system — three forward speeds and reverse | |
| | Selector Lever | Location (a) | Steering column |
| | | Operation | Actuates controls by a hydraulic system from pressurized gear type pump |
| | | Quadrant pattern | P-R-N-D-L2-L1 |
| | Parking Lock | Type | Locking pawl |
| | Lock | Operation | Applied by selector lever through manual linkage |
| | Method of cooling | Water | |
| Hydraulic System | Flywheel assembly | Steel stamping with welded on ring gear | |
| | Oil pressure pump | Supplies hydraulic pressure from an engine driven gear type pump | |
| | Type | Steel spool valve | |
| | Valves | Manual | Establishes range of transmission operation |
| | | Pressure regulator | Provides main line pressure |
| | | Shift (1-2) | Controls oil pressure for transmission shift from 1-2 to 2-1 |
| | | Shift (2-3) | Controls oil pressure for transmission shift from 2-3 or 3-2 |
| | Modulator | Regulates line pressure with modulator oil pressure which varies with torque to transmission | |
| | Accumulator | Provides greater flexibility in attaining desired shift quality for various engine requirements | |
| | Pressure @ Idle (b) | Drive | 60 |
| | | L2 | 87 |
| | | L1 | 87 |
| | | Reverse | 91 |
| Converter Assembly | Pump (Drive member) | Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing | |
| | Turbine (Driven member) | Steel axial flow blades assembled between inner & outer steel shells | |
| | Stator assembly | Aluminum multivane type blades mounted on a one way (overrunning) roller clutch | |
| | Stall ratio | 2.00 | 2.35 |
| | Stall speed (RPM) | 2110 | |
| | Diameter (nominal) | 298.4 mm (11.75 in.) | |
| Planetary Gear Set | Reaction carrier assembly | 4 steel pinion gears | |
| | Output carrier assembly | 4 steel pinion gears | |
| | Intermediate band | Circular steel with organic lining | |
| | Range | D (Drive) | 2.52:1 - 1.52:1 - 1.00:1 |
| | | L2 (low two) | 2.52:1 - 1.52:1 |
| | | L1 (Low one) | 2.52:1 |
| | | R (Reverse) | 1.93:1 |
| | Servo Unit | Piston with release spring and inner cushion spring | |
| Case | Material | Aluminum | |
| Clutches | Type | Four, multiple disk | Three, multiple disk |
| | Material | Drive plates | Steel with bonded organic facings |
| | | Driven plates | Flat steel |
| | Forward Clutch | 5 each drive & driven plates | 4 each drive & driven plates |
| | Direct clutch | 4 each drive & driven plates | 3 each drive & driven plates |
| | Intermediate clutch | 3 each drive & driven plates | — |
| | Low & Reverse Clutch | 5 each drive & driven plates | 4 each drive & driven plates |
| | Release spring | Radial row steel coil | |
| Torque Multiplication | Drive (maximum) | 5.04:1 to 1.00 | 6.44:1 to 1.00 |
| | Low 2 | 5.04:1 to 1.52 | 6.44:1 to 1.57 |
| | Low 1 | 5.04:1 to 2.52 | 6.44:1 to 2.74 |
| | Reverse | 3.86:1 to 1.93 | 4.86:1 to 2.07 |
| Governor | Type | Cross-axis centrifugal | |
| | Operation | Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valve | |
| Lubricant | Type | Dexron II | |
| | Capacity | Dry | 9.5 Litres (20) |
| | | Refill | 3.3 Litres (7 pints) |

(a) Floor mounted when console is used quadrant changes to P-R-N-3-2-1.

(b) 600 RPM input.

METRIC (U.S. Customary)

1979



Specifications Form Passenger Car

| | | |
|---|-------------------------|---|
| Manufacturer Chevrolet Motor Division General Motors Corporation | Car Line Monte Carlo | |
| Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090 | Model Year 1979 | Issued: September, 1978 Revised (*) February, 1979 |

Pages revised: 3, 8, 8A, 10A, 13, 15, 16, 18, 19, 24, 29

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

MVMA Specifications Form

Passenger Car

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The Metric unit of measurement is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimetres (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
4. 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.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Car Models

| Model Description (Include Line Drawings of Vehicles, if Desired) | Make, Car line, Series, Body Type (Mfr's Model Code) | No. of Designated Seating Positions (Front/Rear) | | Max. Trunk/Cargo Load— Kilograms (Pounds) |
|---|---|---|------|--|
| Monte Carlo | Model Number | Front | Rear | |
| 2-Door Sport Coupe | 1AZ37 | 3 | 3 | |

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

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo

Model Year 1979

Issued 9/78

Revised (*)

Power Teams (Indicate whether standard or optional)

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

| SERIES # AVAILABILITY | Displ. Litres (in ³) | Carb. | Compr. Ratio | SAE Net at RPM | | Exhaust System* | TRANSMISSION | AXLE RATIO (Std. first) (:1) (Indicate A/C ratio) | | |
|---|--|-------|-----------------|---------------------------|----------------------------|--------------------|--|---|-------------|------|
| | | | | kW (bhp) | Torque N·m (lb. ft.) | | | A | B | C |
| Base exc. Calif & above 4000 ft altitude | V-6 3.3 L (200) RPO L26 | 2-Bb1 | 8.2:1 | 70 (94) @ 4000 | 209 (154) @ 2000 | S | 3-Spd. Manual (3.50 low)-Base 3-Spd Automatic Auto '350'-Opt. | 2.73 | - | - |
| (*) Opt.-All exc. California | V-6 3.8 L (231) RPO LD5 | 2-Bb1 | 8.0:1 | 86 (115) @ 3800 | 257 (190) @ 2000 | S | 3-Spd. Automatic Auto '350' -Opt. | 2.41 | - | 3.23 |
| Opt.-Calif. Only | V-6 3.8 (231) RPO LC6 | 2-Bb1 | 8.0:1 | 86 (115) @ 3800 | 257 (190) @ 2000 | S | 3-Spd. Automatic Auto. '350' - Opt. | 2.73 | - | - |
| Opt.-All exc. Calif & above 4000 ft. Alt. | V-8 4.4 (267) RPO L39 | 2-Bb1 | 8.2:1 | 93 (125) @ 3800 | 291 (215) @ 2400 | S | 3-Spd. Automatic Auto. '350' - Opt. | 2.29 | - | - |
| Opt.-All States | V-8 5.0 L (305) RPO LG4 | 4-Bb1 | 8.4:1 | 119 (160) @ 4000 | 319 (235) @ 2400 | S | 3-Spd. Automatic Auto. '200' - Opt. | 2.29 | 2.73 (D) | 2.73 |
| (*) - LD5 V-6 engine available in California until interim availability of LC6 V-6 #-'Base and 'Optional' refer to engine availability. (A) - Base - All states (B) - Optional except California (C) - Above 4000 Feet Altitude (RPO NA6) (D) - Optional - all states. Limited slip differential and Air Conditioning available with all axles ratios. California & Altitudes Above 4000 feet: <div> <div>Engine</div> <div>5.0 Litre</div> </div> <div> <div>Horsepower</div> <div>116 (155) @ 4000</div> </div> <div> <div>Torque</div> <div>305 (225) @ 2400</div> </div> | | | | | | | | | | |

*S—Single D—Dual

MVMA Specifications Form Passenger Car

Car Line Monte Carlo

Model Year 1979

Issued 9/78

Revised (*) 2/79

Engine Description/Carb.

3.3 Litre (200 CID) V-6/2-Bb1
RPO L26

4.4 Litre (267 CID) V-8/2-Bb1
RPO L39

Engine — General

| | | |
|--|-------------------|-----------------|
| Total dressed engine mass (wt) dry* | 207.9 (458.3) | 233.1 (513.9) |
| Type (inline, V, Flat) | 90° 'V' | |
| No. of cylinders | 6 | 8 |
| Bore | 88.9 (3.50) | |
| Stroke | 88.4 (3.48) | |
| Piston Displacement cm ³ (in ³) | 3277 (200) | 4375 (267) |
| Bore Spacing (C/L to C/L) | 111.8 (4.40) | |
| Cyl. No. system | | |
| 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 |
| Cylinder Head Material | Cast Alloy Iron | |
| Cylinder Block Material | Cast Alloy Iron | |
| Cylinder block deck height | | |
| Number of mtg. points | Front | Two |
| | Rear | One |
| Engine installation angle | 3°45' | |
| Recommended fuel | Unleaded | |
| Leaded, unleaded | | |
| Fuel antiknock index (R + M) 2 | 87 | |
| Cylinder Head Volume — cm ³ | 53.1 (3.24) | 51.6 (3.15) |
| Head Gasket Thickness (Compressed) | 0.53 (.021) | |
| Head Gasket Volume — cm ³ | 3.6 (.22) | |
| Deck clearance (minimum) (above or below block) | 0.41 (.025) below | |
| Minimum Combustion Chamber Volume — cm ³ | 51.6 (3.15) | 50.14 (3.060) |

Engine — Pistons

| | | |
|-------------------------------------|-------------------------|----------------------------|
| Material | Cast Autothermic | |
| Description and finish | Sump head, closed skirt | |
| Mass, g (weight, oz.) — Piston Only | 578 (20.4) | 508 (17.9) |
| Clearance (limits) | Top land | .05-.09 (.020-.036) |
| | Skirt | |
| | Top | .013-.038 (.0005-.0015) |
| | Bottom | .018-.107 (.0007-.0042) |
| Ring groove diameter | No. 1 ring | 79.04 -79.30 (3.112-3.122) |
| | No. 2 ring | 79.04 -79.30 (3.112-3.122) |
| | No. 3 ring | 77.98 -78.32 (3.070-3.080) |
| | | 84.33-84.71 (3.320-3.335) |
| | | 84.33-84.71 (3.320-3.335) |
| | | 83.32-84.20 (3.300-3.315) |

*Dressed engine mass (weight) includes the following:

Material required to make the engine an independent working power unit less radiator
 ● hoses, coolant, accelerator controls and engine mountings. RPO L26 includes clutch &
 3-speed manual trans; remainder include auto. trans.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo

Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

3.8 Litre (231 CID) V-6/2-Bb1
RPO LD5/LC6

5.0 Litre (305 CID) V-8/4-Bb1
RPO LG4

Engine — General

| | | |
|--|---------------------------|-------------------|
| Total dressed engine mass (wt) dry* | 191.4 (422)/172.0 (379.2) | 228.0 (502.6) |
| Type (inline, V, Flat) | 90° 'V' | |
| No. of cylinders | 6 | 8 |
| Bore | 95.6 (3.80) | 94.89 (3.736) |
| Stroke | 86.4 (3.40) | 88.4 (3.48) |
| Piston Displacement cm ³ (in ³) | 3785 (231) | 4998 (305) |
| Bore Spacing (C/L to C/L) | 107.7 (4.24) | 111.8 (4.40) |
| Cyl. No. system | L Bank | 1-3-5-7 |
| (front to rear) | R Bank | 2-4-6-8 |
| Firing Order | 1-6-5-4-3-2 | 1-8-4-3-6-5-7-2 |
| Cylinder Head Material | Cast Alloy Iron | |
| Cylinder Block Material | Cast Alloy Iron | |
| Cylinder block deck height | 242.8 (9.56) | 229.4 (9.03) |
| Number of | Front | Two |
| mtg. points | Rear | One |
| Engine installation angle | 3°45' | |
| Recommended fuel | Unleaded | |
| Leaded, unleaded | | |
| Fuel antiknock index (R + M) 2 | 87 | |
| Cylinder Head Volume — cm ³ | 48.2 (2.94) | 60.5 (3.69) |
| Head Gasket Thickness (Compressed) | .53 (.021) | .53 (.021) |
| Head Gasket Volume — cm ³ | 3.93 (.243) | 3.93 (.243) |
| Deck clearance (minimum) (above or below block) | 1.91 (.075) | 0.41 (.025) below |
| Minimum Combustion Chamber Volume — cm ³ | 87.7 (5.35) | 59.5 (3.63) |

Engine — Pistons

| | | |
|-----------------------------------|--|----------------------------------|
| Material | Cast Aluminum | Cast Autothermic |
| Description and finish | Full skirt with transverse slot, dished head | Sump head, closed, slipper skirt |
| Mass, g (weight, oz.)—Piston Only | 506 (17.86) | 604 (21.3) |
| Clearance (limits) | Top land | 1.17-1.42 (.046-.056) |
| | Skirt | .622-.851 (.0245-.033) |
| | Bottom | .018-.107 (.0007-.0042) |
| Ring groove diameter | No. 1 ring | .020-.030 (.0008-.0020) |
| | No. 2 ring | .030-.090 (.0013-.0035) |
| | No. 3 ring | |
| | No. 1 ring | 86.36-85.98 (3.400-3.385) |
| | No. 2 ring | 84.33-84.71 (3.320-3.335) |
| | No. 3 ring | 84.33-84.71 (3.320-3.335) |
| | No. 1 ring | 86.26-85.93 (3.396-3.383) |
| | No. 2 ring | 83.32-84.20 (3.300-3.315) |
| | No. 3 ring | |

*Dressed engine mass (weight) includes the following:

Material required to make an independent working power unit less radiator hoses, cool
accelerator controls and engine mountings.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Code.

3.3 Litre (200 CID) V-6/2-Bbl.
RPO L26

4.4 Litre (267 CID) V-8 2-Bbl.
RPO L39

Engine — Piston Rings

| | | | |
|--------------------------------|--|---|---------------------------|
| Function (Top to bottom) | No. 1, oil or comp. | Compression | |
| | No. 2, oil or comp. | Compression | |
| | No. 3, oil or comp. | Oil | |
| Compression | Description— Material, coating, etc. | Upper Cast alloy iron, radius face, chrome flash Lower Cast alloy iron, reverse twist tapered face, lubricated | |
| | Width | (a) | 1.956-1.981 (.0770-.0780) |
| | Gap | .25-.50 (.010-.020) | (b) |
| | | | |
| Oil | Description— material, coating, etc. | Stainless steel, .05 (.002) minimum chrome | |
| | Width | 4.52-4.62 (.178-.182) | |
| | Gap | .25-.76 (.010-.030) | .25-.89 (.010-.035) |
| Expanders | | In oil ring assembly | |

Engine — Piston Pins

| | | | |
|-------------------------------------|---|-----------------------------|-----------------------------|
| Material | Chromium steel | | |
| Length | 69.70-70.10 (2.740-2.760) | | 75.95-76.45 (2.990-3.010) |
| Diameter | 23.546-23.553 (.9270-.9273) | | |
| Type | Locked in rod, in piston, floating, etc. | | |
| | Locked in rod | | |
| | Bushing | In rod or piston | ----- |
| Clearance | In piston | .0038-.0076 (.00015-.00030) | .0013-.0076 (.00005-.00030) |
| | In rod | | |
| Direction & amount offset in piston | Major thrust side - 1.40 - 1.65 (.055 - .065) | | |

Engine — Connecting Rods

| | | | |
|---------------------------|-----------------------------|-------------------------|-------------------------|
| Material | 1037 or 1038 steel | | |
| Mass, g (weight, oz.) | 388 (13.7) | | 388 (13.7) |
| Length (center to center) | 144.65-144.91 (5.695-5.705) | | |
| Bearing | Material & Type | | |
| | Premium Aluminum | | |
| | Overall length | 16.97 (.668) | 20.24 (.797) |
| | Clearance (limits) | .025-.063 (.0010-.0025) | .033-.089 (.0013-.0035) |
| | End Play | .15-.38 (.006-.015) | .15-.41 (.006-.016) |

- (a) Upper - 1.968 - 1.981 (.0775-.0780; Lower-1.956-1.981 (.0770-.0780)
(b) Upper - .25-.50 (.010-.020); Lower - .25-.64 (.010-.025)

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

3.8 Litre (231 CID) V-6/2-Bb1
RPO LD5/LC6

5.0 Litre (305 CID) V-8/4-Bb1
RPO LG4

Engine — Piston Rings

| | | | |
|--------------------------------|--|-----------------------|---|
| Function (top to bottom) | No. 1, oil or comp. | Compression | |
| | No. 2, oil or comp. | Compression | |
| | No. 3, oil or comp. | Oil | |
| Compression | Description— Material, coating, etc. | Cast Alloy iron (a) | |
| | Width | 4.27-4.52 (.168-.178) | 1.956-1.968 (.0770-.0780 upper (b) |
| | Gap | .33-.58 (.013-.023) | .25-.50 (.010-.020), upper (c) |
| Oil | Description— material, coating, etc. | Stainless steel | TRW T-flex design, .05 (.002) Minimum chrome |
| | Width | 3.43-3.61 (.135-.142) | 4.722-4.735 (.1859-.1879) |
| | Gap | .38-.89 (.015-.035) | .25-.89 (.010-.035) |
| Expanders | | | |

Engine — Piston Pins

| | | | |
|-------------------------------------|---|-----------------------------|--------------------------------|
| Material | | SAE-1018 | Chromium steel |
| Length | | 73.66 (2.90) | 75.95-76.45 (2.990-3.010) |
| Diameter | | 23.853-23.860 (.9391-.9394) | 23.546-23.553 (.9270-.9273) |
| Type | Locked in rod, in piston, floating, etc. | Pressed in rod | Locked in rod |
| | Bushing | None | None |
| Clearance | In piston | .010-.018 (.0004-.0007) | .0063-.0089 (.00025-.00035) |
| | In rod | .019-.032 (.00075-.00125) | |
| Direction & amount offset in piston | | Right - .102 (.040) | Major thrust side -1.52 (.060) |

Engine — Connecting Rods

| | | | |
|---------------------------|--------------------|-------------------------|-----------------------------|
| Material | | Arma steel | 1037 or 1038 steel |
| Mass, g (weight, oz.) | | 657 (23.168) | 388 (13.7) |
| Length (center to center) | | 151.5 (5.96) | 144.65-144.91 (5.695-5.705) |
| Bearing | Material & Type | Premium Aluminum | |
| | Overall length | 16.61 (.654) | 20.24 (.797) |
| | Clearance (limits) | .013-.066 (.0005-.0026) | .033-.089 (.0013-.0035) |
| | End Play | .15-.58 (.006-.023) | .15-.41 (.006-.016) |

- (a) 3.8 Litre - Upper - barrel face, moly
 Lower - inside bevel, reverse tapered face
 5.0 Litre - Upper - Radius face, .01 (.0004) chrome flash
 Lower - Reverse twist, tapered face, lubrited
 (b) Lower - 1.969-1.98 (.0775-.0780)
 (c) Lower - .33-.63 (.013-.025)

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 issued 9/78 Revised (*) _____

Engine Description/Carb.

| | |
|--|--|
| 3.3 Litre (200 CID) V-6/2-Bb1 RPO L26 | 4.4 Litre (267 CID) V-8/2-Bb1 RPO L39 |
|--|--|

Engine — Crankshaft

| | | |
|-----------------------------------|--|--|
| Material | Modular Cast Iron | |
| Vibration damper type | Rubber mounted inertia | |
| End thrust taken by bearing (No.) | 4 | 5 |
| Crankshaft end play | .05-.18 (.002-.007) | |
| Main bearing | Material & type | Premium aluminum except (a) |
| | Clearance | (b) |
| | Journal dia and bearing overall length | No. 1 62.202x20.37(2.4489 x .802) 62.202x20.37(2.4489x.802) |
| | | No. 2 62.194x20.37(2.4486 x .802) 62.202x20.37(2.4489x.802) |
| | | No. 3 62.194x20.37(2.4486 x .802) 62.202x20.37(2.4489x.802) |
| | | No. 4 62.189x38.94(2.4484 x 1.533) 62.202x20.37(2.4489x.802) |
| | | No. 5 --- 62.189x38.94(2.4484x1.533) |
| | | No. 6 --- --- |
| | | No. 7 --- --- |
| | Dir. & amt cyl offset | --- |
| | No bolts/main brg cap | Two |
| Crankpin journal diameter | 53.284-53.335(2.0978-2.0988) | |

Engine — Camshaft

| | | |
|---------------|--------------------------------------|--------------------------|
| Location | In block above crankshaft | |
| Material | Cast Alloy iron | |
| Bearings | Material | Steel backed babbitt |
| | Number | 4 5 |
| | Gear, chain or belt | Chain |
| Type of Drive | Crankshaft gear or sprocket material | Steel Sintered iron |
| | Camshaft gear or sprocket material | Cast iron Aluminum-nylon |
| | No. of links | 46 |
| Timing chain | | |
| Chain or Belt | Width | 15.87(.625) |
| | Pitch | 12.7(.500) |

(a) #1-G66 Conecc: #5 upper (all) & #5 lower w/man. trans.-copper lead alloy.

(b) #1,2,3-0.051-0.089(.0020-.0035); #4-0.013-0.038(.0005-.0015).

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (*)

Engine Description/Carb.

3.8 Litre (231 CID)V-6/2-Bb1
 RPO LD5/LC6

5.0 Litre (305 CID)V-8/4-Bb1
 RPO LG4

Engine — Crankshaft

| | | |
|-----------------------------------|---------------------------------------|--|
| Material | Nodular Cast iron | |
| Vibration damper type | Rubber mounted inertia | |
| End thrust taken by bearing (No.) | 2 | 5 |
| Crankshaft end play | .08-.23(.003-.009) | .05-.18(.002-.007) |
| Main bearing | Material & type | (a) Premium aluminum except (b) |
| | Clearance | .010-.040(.0004-.0017) (c) |
| | Journal dia. and bearing cover length | No. 1 63.487x21.95(2.4995x.864) 62.202x20.37(2.4489x.802) |
| | | No. 2 63.487x26.85(2.4995x1.057) 62.202x20.37(2.4489x.802) |
| | | No. 3 63.487x21.95(2.4995x.864) 62.202x20.37(2.4489x.802) |
| | | No. 4 63.487x21.95(2.4995x.864) 62.202x20.37(2.4489x.802) |
| | | No. 5 --- 62.189x38.94(2.4484x1.533) |
| | | No. 6 --- --- |
| | | No. 7 --- --- |
| | Dir. & amt. cyl. offset | --- --- |
| | No. bolts/main brg. cap | Two |
| Crankpin journal diameter | 57.12-57.14(2.2487-2.2495) | 53.31-53.34(2.099-2.100) |

Engine — Camshaft

| | | |
|---------------|--------------------------------------|-------------------------|
| Location | In block above crankshaft | |
| Material | Cast alloy iron | |
| Bearings | Material | Steel backed babbit |
| | Number | 4 5 |
| Type of Drive | Gear, chain or belt | Chain |
| | Crankshaft gear or sprocket material | Sintered iron |
| | Camshaft gear or sprocket material | Aluminum-nylon |
| | No. of links | 54 46 |
| | Timing chain | |
| | Chain or Belt | |
| | Width | 22.23(.875) 15.87(.625) |
| | Pitch | 9.53(.375) 12.7(.500) |

- (a) #1 upper-M400 Conecc; #1 lower-M100 Conecc; #2 & 4-M100; #3-M400.
 (b) #1-G66 Conecc; #5 upper (all) and #5 lower w/man.trans.-copper lead alloy.
 (c) #1-.020-.051(.0008-.0020); #2,3,4-.028-.058(.0011-.0023); #5 -.043-.084 (.0017-.003)

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 issued 9/78 Revised (*)

Engine Description/Carb.

| | |
|---|---|
| 3.3 Litre(200 CID)V-6/2-Bb1. RPN L26 | 4.4 Litre(267 CID) V-8/2-Bb1 RPN L39 |
|---|---|

Engine — Valve System

| | | | | | |
|---|-----------------------------|--|---|--------------------------------|--------------------------|
| Hydraulic lifters (Std. opt., NA) | | | Standard | | |
| Valve rotator, type (intake, exhaust) | | | Exhaust | | |
| Push rods (dia., length, material) | | | 7.9x196.2(.3125x7.724) steel, carbonitrided | | |
| Rocker ratio | | | 1.50:1 | | |
| Operating tappet clearance (indicate hot or cold) | Intake | | Zero | | |
| | Exhaust | | Zero | | |
| Timing (based on top of ramp points) | Intake | Opens (°BTC) | 34 | 28 | |
| | | Closes (°ABC) | 86 | 64 | |
| | | Duration (deg.) | 300 | 272 | |
| | Exhaust | Opens (°BBC) | 88 | 78 | |
| | | Closes (°ATC) | 52 | 30 | |
| | | Duration (deg.) | 320 | 288 | |
| | Valve open overlap (deg.) | | 86 | 58 | |
| | Intake Valve | Material | | SAE 1541, chrome flash stem | |
| Overall length | | 125.042-125.65(4.9229-4.9469) | 124.51-125.02(4.902-4.922) | | |
| Actual overall head dia. | | 40.51- 41.91(1.595-1.605) | 43.56-43.81(1.715-1.725) | | |
| Angle of seat & face (deg.) | | 46.45 | | | |
| Seat insert material | | None | | | |
| Stem diameter | | 8.661-8.679(.3410-.3417) | | | |
| Stem to guide clearance | | .025-.069(.0010-.0027) | | | |
| Lift (at zero lash) | | 9.5(.373) | | | |
| Outer spring press & length | | Valve closed— N at mm (lb. at in.) | 338 .1-373.6@43.2 (76-84@ 1.70) | | |
| | | Valve open— N at mm (lb. at in.) | 780.0-834.8 @ 31.7 (174-186 @ 1.25) | | |
| Inner spring press & length | | Valve closed— N at mm (lb. at in.) | Spring damper | | |
| | | Valve open— N at mm (lb. at in.) | Spring damper | | |
| Exhaust Valve | | Material | | 21-2N steel, chrome flash stem | |
| | | Overall length | | 124.71-125.22 (4.910-4.930) | |
| | | Actual overall head dia. | | 34.92-35.18(1.375-1.385) | 37.97-38.23(1.495-1.505) |
| | | Angle of seat & face (deg.) | | 46.45 | |
| | | Seat insert material | | None | |
| | | Stem diameter | | 8.661-8.679(.3410-.3417) | |
| | | Stem to guide clearance | | .025-.069(.0010-.0027) | |
| | Lift (at zero lash) | | 10.4(.410) | | |
| | Outer spring press & length | Valve closed— N at mm (lb. at in.) | 338.1-373.6 @ 43.2 (76-84 @ 1.70) | | |
| | | Valve open— N at mm (lb. at in.) | 825.8-871.8 @29.5 (184-196 @ 1.16) | | |
| | Inner spring press & length | Valve closed— N at mm (lb. at in.) | Spring damper | | |
| | | Valve open— N at mm (lb. at in.) | Spring damper | | |

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo

Model Year 1979

Issued 9/78

Revised (*)

Engine Description/Carb.

3.8 Litre (231 CID)V-6/2-Bb1
PPN LD5/LC6

5.0 Litre(305 CID)V-8/4-Bb1
RPN LG4

Engine — Valve System

| Engine Valve System | | | Standard | |
|---|---------------------------------------|---------------------------------------|---|--|
| Hydraulic lifters (Std. oil: NA) | | | None | Exhaust |
| Valve rotator, type (intake, exhaust) | | | | |
| Push rods (dia., length, material) | | | 7.94x220.9 (.3125x8.697) (a) | 7.94x196.19 (.3125x7.724) (b) |
| Rocker ratio | | | 1.55:1 | 1.50:1 |
| Operating tappet clearance (indicate hot or cold) | Intake | Zero | | |
| | Exhaust | Zero | | |
| Timing (based on top of ramp points) | Intake | Opens (°BTC) | 16 | 28 |
| | | Closes (°ABC) | 63 | 64 |
| | | Duration (deg.) | 259 | 272 |
| | Exhaust | Opens (°BBC) | 68 | 78 |
| | | Closes (°ATC) | 29 | 30 |
| | | Duration (deg.) | 277 | 288 |
| | Valve open overlap (deg.) | | 45 | 58 |
| Intake Valve | Material | | 1041 steel, chrome flash stem | 1541 steel, chrome flash stem |
| | Overall length | | 119.33-120.09 (4.698-4.728) | 124.51-125.02 (4.902-4.922) |
| | Actual overall head dia. | | 43.43 (1.710) | 43.56-43.81 (1.715-1.725) |
| | Angle of seat & face (deg.) | | 45 | 46,45 |
| | Seat insert material | | None | |
| | Stem diameter | | 8.64-8.68 (.3402-.3412) | 8.661-8.679 (.3410-.3417) |
| | Stem to guide clearance | | .038-.089 (.0015-.0035) | .025-.069 (.0010-.0027) |
| | Lift (at zero lash) | | 9.07 (.357) | 9.47 (.373) |
| | Outer spring press. & length | Valve closed— N at mm (lb. at in.) | 262.4-306.9 @ 43.86 (59-69 @ 1.727) | 341.088-376.992 @ 43.2 (76-84 @ 1.70) |
| | | Valve open— N at mm (lb. at in.) | 774.0-845.2 @ 34.04 (174-190 @ 1.34) | 780.0-834.8 @ 31.7 (174-186 @ 1.25) |
| Inner spring press. & length | Valve closed— N at mm (lb. at in.) | Spring damper | | |
| | Valve open— N at mm (lb. at in.) | Spring damper | | |
| Exhaust Valve | Material | | 21-2N steel nickel plated head (c) | 21-2N steel, aluminized (c) |
| | Overall length | | 119.46-120.22 (4.703-4.733) | 124.79-125.30 (4.913-4.923) |
| | Actual overall head dia. | | 38.1 (1.50) | 37.97-38.23 (1.495-1.505) |
| | Angle of seat & face (deg.) | | 45 | 46,45 |
| | Seat insert material | | None | |
| | Stem diameter | | 8.649-8.667 (.3405-.3412) | 8.661-8.679 (.3410-.3427) |
| | Stem to guide clearance | | .038-.089 (.0015-.0032) | .025-.069 (.0010-.0027) |
| | Lift (at zero lash) | | 9.3 (.366) | 10.4 (.410) |
| | Outer spring press. & length | Valve closed— N at mm (lb. at in.) | 262.4-306.9 @ 43.86 (59-69 @ 1.727) | 341.088-376.992 @ 43.2 (76-84 @ 1.70) |
| | | Valve open— N at mm (lb. at in.) | 773.9-845.1 @ 34.04 (174-190 @ 1.34) | 825.8-871.8 @ 29.5 (184-196 @ 1.16) |
| Inner spring press. & length | Valve closed— N at mm (lb. at in.) | Spring damper | | |
| | Valve open— N at mm (lb. at in.) | Spring damper | | |

(a) 0.060 wall tubing with hardened balls
(b) Welded steel tubing

(c) Chrome flash stem

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (•) _____

Engine Description/Carb.

| | |
|--|--|
| 3.3 Litre (200 CID) V-6/2-Bb1 RPO L26 | 4.4 Litre (267 CID) V-8/2-Bb1 RPO L39 |
|--|--|

Engine — Lubrication System

| | | |
|---|----------------------|-------------------|
| Type of lubrication (splash, pressure, nozzle) | Main bearings | Pressure |
| | Connecting rods | Pressure |
| | Piston pins | Splash |
| | Camshaft bearings | Pressure |
| | Tappets | Pressure |
| | Timing gear or chain | Splash and nozzle |
| | Cylinder walls | Splash |
| Oil pump type | | Gear |
| Normal oil pressure - kPa (lb.) at engine rpm | | 310.3 (45) |
| Type oil intake (floating, stationary) | | Stationary |
| Oil filter system (full flow, part, other) | | Full flow |
| Capacity of oil case, less filter-refill-L (qt.) | | 3.78 (4.0) |
| Oil grade recommended (SAE viscosity and temperature range) | | (a) |
| Engine service reqmt. (SD, SE, etc.) | | SE |

Engine — Exhaust System

| | | | |
|--|-----------------------------|----------------------------------|----------------------------|
| Type (single, single with cross-over, dual, other) | | Single with crossover | |
| Muffler No. & Type (reverse flow, straight thru, separate resonator) | | One, reverse flow | |
| Resonator No. & type | | None | |
| Exhaust Pipe | Branch O.D., wall thickness | 50.8 x 1.02 (2.0 x .040) | 50.8 x 1.02 (2.0 x .040) |
| | Main O.D., wall thickness | 57.15 x 1.80 (2.25 x .071) | 57.15 x 1.80 (2.25 x .071) |
| | Material | Laminated stainless steel tubing | |
| Intermediate Pipe | O.D. & wall thickness | 57.15 x 1.40 (2.25 x .055) | 50.8 x 1.40 (2.0 x .055) |
| | Material | Aluminum steel tubing | |
| Tail Pipe | O.D. & wall thickness | 50.8 x 1.40 (2.0 x .055) | 57.2 x 1.40 (2.25 x .055) |
| | Material | Aluminum steel tubing | |

- (a) Minus 6.6°C (20°F) and above -20W-20, 10W-30, 10W-40, 20W-40, 20W-50
 Minus 17.7°C to + 15.5°C (0 to 60°F) -10W, 5W-30, 10W-40, 10W-30
 Minus 6.6°C (20°F) and below -5W-20, 10W-30.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

3.8 Litre (231 CID) V-6/2-Bbl
RPO LD5/LC6

5.0 Litre (305 CID) V-8/4-
RPO LG4

Engine — Lubrication System

| | | |
|---|----------------------|--------------------------------------|
| Type of lubrication (splash, pressure, nozzle) | Main bearings | Pressure |
| | Connecting rods | Pressure |
| | Piston pins | Splash |
| | Camshaft bearings | Pressure |
| | Tappets | Pressure |
| | Timing gear or chain | Splash and nozzle |
| | Cylinder walls | Centrifugally oiled from camshaft br |
| Oil pump type | | Pressure, jet cross sprayed |
| Normal oil pressure—kPa (lb.) at engine rpm | | Gear |
| | | 234.5 (34) 310.3 (45) |
| Type oil intake (floating, stationary) | | Stationary |
| Oil filter system (full flow, part, other) | | Full flow |
| Capacity of oil case, less filter-refill-L (qt.) | | 3.78 (4.0) |
| Oil grade recommended (SAE viscosity and temperature range) | | (a) |
| Engine service reamnt. (SD, SE, etc.) | | SE |

Engine — Exhaust System

| | | |
|--|-----------------------------|---|
| Type (single, single with cross-over, dual, other) | Single with crossover | |
| Muffler No. & Type (reverse flow, straight thru, separate resonator) | One, reverse flow | |
| Resonator No. & type | None | |
| Exhaust Pipe | Branch O.D., wall thickness | 50.8x1.50(2.0x.060) 50.8x1.02(2.0x.040) |
| | Main O.D., wall thickness | 57.15x1.0(2.25x.040) 63.5x1.80(2.5x.071) |
| | Material | Welded or seamless stainless steel tubing |
| Inter-mediate Pipe | O.D. & wall thickness | 44.5x1.40(1.75x.055) 50.8x1.40(2.0x.055) |
| | Material | Aluminized steel tubing |
| Tail Pipe | O.D. & wall thickness | 50.8x1.50(2.0x.060) 57.2x1.07(2.25x.040) |
| | Material | Aluminized steel tubing |

(a) Minus 6.6°C(20°_) and above - 20W-20,10W-30,10W-40,20W-40,20W-50
Minus 17.7°C to + 15.5°C (0 to 60°F)0-10W,5W-30, 10W-40, 10W-30
Minus 6.6°C (20°F) and below -5W-20, 10W-30.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

3.3 Litre(200 CID)V-6/2-Bb1
RPO L26

4.4 Litre (267 CID) V-8/2-Bb1
RPO L39

Engine — Fuel System (See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

| | | | |
|---|---|---|--|
| Induction type: Carburetor, fuel injection, supercharger. | | Carburetor | |
| Fuel Tank | Refill capacity—L (U.S. gals.) | 68.5(18.1) | |
| | Filler location | Rear, center behind hinged license plate | |
| Fuel Pump | Type (elec. or mech.) | Mechanical | |
| | Locations — engine | Lower right front | |
| | Pressure range—kPa (psi) | 31.0-41.4(4.5-6.0) | 51.7-62.0 (7.5-9.0) |
| Fuel Filter | Type | Fine mesh plastic strainer in gasoline tank and | |
| | Locations | paper filter element in carburetor inlet | |
| Carburetor | Choke type | Electric | |
| | Intake manifold heat control (exhaust or water) | Exhaust | |
| | Air cleaner type | Standard | Ducted air, closed paper element, single snorkel |
| | | Optional | Ducted air, closed paper element, single snorkel |
| | Idle spd.-rpm (spec. neutral or drive) | Manual | 600/N |
| | | Automatic | 500/D |
| | Idle A/F mix. | | |

Carburetor Supplementary Information

| Model Usage | Piston Displ. —L (in.³) | Transmission | Carburetors | | No. Used and Type | Barrel Size |
|-------------|-------------------------|--------------|-------------|-------------------------------|-------------------|------------------------------------|
| | | | Make | Model (a) | | |
| All | 3.3 (200) | Manual | Rochester | 17059131 | One, 2-Bb1 | 34.9 (1.375) |
| | | Automatic | | 17059130 | | |
| | 3.8 (231) | Automatic | | 17059190 (17059496) (b) | One 2-Bb1 | 36.5 (1.4375) |
| | 4.4 (267) | Automatic | | 17059138 | One, 2-Bb1 | 35.0 (1.38) |
| | 5.0 (305) | Automatic | | 17059202 (17059502) 17059582* | One, 4-Bb1 | 35.0 (1.38) pri 57.2 (2.25) sec |

(a) Data in brackets () specific to California
*-Above 4000 Feet Altitude.

(b) 17059196 above 4000 feet altitude (RPO NA6).

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

| | |
|--|--|
| 3.8 Litre (231 CID) V-6 2-Bb1 RPO LD5/LC6 | 5.0 Litre (305 CID) V-8/ 4-Bb RPO LC4 |
|--|--|

Engine — Fuel System (See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

| | | | |
|---|---|--|--|
| Induction type: Carburetor, fuel injection, supercharger. | | Carburetor | |
| Fuel Tank | Refill capacity—L (U.S. gals.) | 68.5 (18.1) | |
| | Filler location | Rear, center behind hinged license plate | |
| Fuel Pump | Type (elec. or mech.) | Mechanical | |
| | Locations — engine | Lower left front | Lower right front |
| | Pressure range—kPa (psi) | 29.3-39.6 (4.25-5.75) | 51.7-62.0 (7.5-9.0) |
| Fuel Filter | Type | Fine mesh plastic strainer in gasoline tank and paper filter element in carburetor inlet | |
| | Locations | | |
| | Choke type | Electric | Automatic |
| Carburetor | Intake manifold heat control (exhaust or water) | | Exhaust |
| | Air cleaner type | Standard | Ducted air, closed paper element, Ducted air, closed paper element |
| | | Optional | single snorkel Thermac, single snorkel |
| | Idle spd. -rpm (spec. neutral or drive) | Manual | -- |
| | | Automatic | 550/D (600/D) ** |
| | Idle A/F mix. | | 500/D* |

* - 600/D above 4000 feet altitude (RPO NA6).

** - RPO LD5 engine-(620/D) on RPO LC6 engine.

Carburetor Supplementary Information

| Model Usage | Piston Disol. —L (in.3) | Transmission | Carburetors | | No. Used and Type | Barrel Size |
|--|----------------------------------|--------------|-------------|-------|----------------------|----------------|
| | | | Make | Model | | |
| Data in brackets () specific to California. | | | | | | |

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (•) _____

Engine Description/Carb.

| | | | |
|--------------------------------|------------------------------------|--------------------------------|--------------------------------|
| 3.3L(200)V-6/ 2-Bb1 RPO L26 | 3.8L(231)V-6/ 2-Rb1 RPO LD5/LC6 | 4.4L(267)V-8/ 2-Bb1 RPO L39 | 5.0L(305)V-8/ 4-Bb1 RPO LG4 |
|--------------------------------|------------------------------------|--------------------------------|--------------------------------|

Engine — Cooling System

| | | | | | |
|--|-------------------------------|---|---------------------------------|--------------|--------------|
| Coolant recovery system (std., opt., none) | | Standard | | | |
| Radiator cap relief valve pressure — kPa (psi) | | 103.4 (15) | | | |
| Circulation thermostat | Type (choke, bypass) | Choke | | | |
| | Starts to open at °C (°F) | 90.6 (195) | | | |
| Water pump | Type (centrifugal, other) | Centrifugal | | | |
| | GPM 1000 pump rpm | | | | |
| | Number of pumps | One | | | |
| | Drive (V-belt, other) | V-belt | | | |
| Bearing type | | Permanently lubricated, double row ball | | | |
| By-pass recirculation type (inter., ext.) | | Internal | External | Internal | |
| Radiator core type (cross-flow, vertical, cellular tube and fin, other) | | Cross flow, tube and center | | | |
| Cooling System Capacity | With heater — L (qt.) | 17.8 (18.3) | 14.6 (15.4) | 19.5 (20.6) | 18.0 (19.0) |
| | Without heater — L (qt.) | | | | |
| Opt. equipment—specify — L (qt.) | | | | | |
| Water jackets full length of cyl. (yes, no) | | Yes | | | |
| Water all around cylinder (yes, no) | | Yes | | | |
| Radiator nose | Lower | Number and type (molded, straight) | One, molded | | |
| | | Inside diameter | 38 (1.5) | | |
| | Upper | Number and type (molded, straight) | One, molded | | |
| | | Inside diameter | 38 (1.5) | | |
| | By-pass | Number and type (molded, straight) | None | One, molded | None |
| | | Inside diameter | --- | 15.9 (.625) | --- |
| Radiator | Standard | Width | 668 (26.3) | 528 (20.8) | 668 (26.3) |
| | | Height | 431 (16.97) | | |
| | | Thickness | 31.5 (1.24) | | |
| | A/C | Width | 668 (26.3) | 528 (20.8) | 668 (26.3) |
| | | Height | 431 (16.97) | | |
| | | Thickness | 31.5 (1.24) | | 49.8 (1.96) |
| | Heavy duty | Width | 668 (26.3) | 528 (20.8) | 668 (26.3) |
| | | Height | 431 (16.97) | | |
| | | Thickness | 31.5 (1.24) | | 49.8 (1.96) |
| Fan (Standard) | Number of blades & spacing | | 4, staggered | 5, staggered | 4, staggered |
| | Diameter | | 483 (19.0) | | |
| | Ratio — fan to crankshaft rev | | .949:1 | | |
| | Fan cut-out type | | Clutch with 3.6L | | |
| Fan optional | No. of blades and spacing | | 5, staggered | | |
| | Diameter | | 483 (19.0) | 508 (20.0) | 483 (19.0) |
| | Ratio — fan to crankshaft rev | | .949:1 | | |
| | Fan cut-out type | | Thermo-modulated viscous clutch | | |

MVMA Specifications Form

Passenger Car

Car Line - Monte Carlo
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

3.3L V-6/2-Bb1 | 3.8L V-6/2-B | 4.4L V-8/2-B | 5.0L V-8/4-B
 49 States w/o Altitude RPO NA6

Vehicle Emission Control

| Type (Air injection, engine modifications, other) | | Engine Modifications | |
|---|---|---|--|
| Air Injection Pump | Type | CONTROLLED COMBUSTION SYSTEM | |
| | Displacement — cm ³ (in ³) | | |
| | Drive ratio | | |
| | Drive type | | |
| | Relief valve (type) | | |
| | Filter (describe) | | |
| Air Injection System | Air distribution (head, manifold, etc.) | | |
| | Point of entry | | |
| | Injection tube i.d. | | |
| | Check valve type | | |
| | Backfire protection (type) | | |
| Exhaust Emission Control | Exhaust Gas Recirculation System | Type (controlled flow, open orifice, other) | Controlled flow |
| | | Valve type | Vacuum modulated shut off and metering valve |
| | | Valve location | Inlet manifold-Left rear Inlet manifold-right rear |
| | | Control energy source | Carburetor vacuum |
| | | Exhaust source | Manifold exhaust crossover |
| | | Exhaust cooler type | None |
| | | Orifice no. and size | One; 0.76 (.030) |
| | | Point of exhaust injection (spacer, carburetor, manifold, other) | Inlet Manifold |
| Catalytic Converter System | Catalyst | Type | Platinum-palladium |
| | | Volume — L (in ³) | 4.26 (260) |
| | Substrate type | Alumina | |
| | Container location | Beneath right front underbody | |
| Other | Carburetor | Thermostatically controlled air cleaner regulates | |
| | Hot air | and mixes heated air with incoming cold air to reduce hydrocarbon emission. | |
| | | | |
| | | | |
| | | | |
| | | | |

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

| | |
|---|----------------|
| 3.8L V-6/2-Bb1 | 5.0L V-8/4-Bb1 |
| 49 States w/Altitude RPO NA6 & California | |

Vehicle Emission Control

| | | | |
|----------------------------------|---|---|--|
| Exhaust Emission Control | Type (Air injection, engine modifications, other) | | Manifold air injection (*) |
| | Air Injection Pump | Type | Semi-articulated vane |
| | | Displacement—cm ³ (in ³) | 316 (19.3) |
| | | Drive ratio | 1.15:1 |
| | | Drive type | Crankshaft pulley |
| | | Relief valve (type) | Diverter Valve |
| | | Filter (describe) | Centrifugal air cleaner |
| | Air Injection System | Air distribution (head, manifold, etc.) | Exhaust pipe |
| | | Point of entry | Exhaust pipe |
| | | Injection tube i.d. | 6.9 (.27) |
| | | Check valve type | Pressure plate system |
| | | Backfire protection (type) | Diverter valve |
| | Exhaust Gas Recirculation System | Type (controlled flow, open orifice, other) | Controlled flow |
| | | Valve type | Vacuum modulated shut-off and metering valve |
| | | Valve location | Inlet manifold-left rear Inlet manifold-right rear |
| | | Control energy source | Carburetor vacuum |
| | | Exhaust source | Manifold exhaust crossover |
| | | Exhaust cooler type | None |
| | | Orifice no. and size | One; 0.76 (.030) |
| | | Point of exhaust injection (spacer, carburetor, manifold, other) | Inlet Manifold |
| Catalytic Converter System | Catalyst: Type | Platinum-Palladium | |
| | Volume—L (in ³) | 4.26 (260) | |
| | Substrate type | Alumina | |
| | Container location | Beneath right front underbody | |
| Other | Carburetor Hot Air | Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

- (*) - Computer Controlled Catalytic Converter (C-4 System) for California 3.8L V-6.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (•) _____

Engine Description/Carb.

| | | | |
|--------------------|--------------------|--------------------|-------------------|
| 3.3L V-6/ 2-Bb1 | 3.8L V-6/ 2-Bb1 | 4.4L V-8/ 2-BB1 | 5.0L V-8 4-Bb1 |
|--------------------|--------------------|--------------------|-------------------|

Vehicle Emission Control (Continued)

| | | | | |
|------------------------------------|--|---|----------|---|
| Crankcase Emission Control | Type (ventilates to atmos., induction system, other) | | Standard | Induction system |
| | | | Optional | --- |
| | Control Unit | Make and model | | AC Spark Plug |
| | | Location | | Rear of intake manifold LF valve rocker cover |
| | | Energy source (manifold vacuum, carburetor, other) | | Manifold vacuum |
| | | Control method (variable orifice, fixed orifice, other) | | Variable orifice |
| | Complete System | Discharges (to intake manifold, other) | | Intake Manifold |
| | | Air inlet (breather cap, other) | | Carburetor air cleaner |
| | | Flame arrestor (screen, other) | | Screen |
| Evaporative Emission Control | Fuel Tank | Thermal expansion volume — dm ³ (ft ³) | | Approximately 10% of refill capacity |
| | | Relief Pressure kPa (psi) and location | | 7.6(1.1) |
| | | Vacuum relief kPa (psi) and location | | 4.8 (.7) |
| | | Vapor-liquid separator type | | Integral with fuel tank |
| | | Vapor vented to (crankcase, canister, other) | | Canister |
| | Carbu- retor | Vapor vented to (crankcase, canister, other) | | Canister |
| | | | | |
| | Vapor Storage | Storage provision (crankcase, canister, other) | | Canister |
| | | Volume — dm ³ (ft ³) or capacity (grams) | | Approximately 50 grams storage capacity |
| | | Control valve type | | Controlled by orifice and carburetor throttle body and throttle blade position. |

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

| | | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| 3.3L(200)V-6/ 2-Bb1 RPO L26 | 3.8L(231)V-6/ 2-Bb1 RPO LD5/ LC6 | 4.4L(267)V-8/ 2-Bb1 RPO L39 | 5.0L(305)V-8/ 4-Bb1 RPO LG4 |
|--------------------------------|--|--------------------------------|--------------------------------|

Electrical — Supply System

| | | | | | |
|-------------------------|-------------------------------------|---------------------|--|---------------------|----------------------------|
| Battery | Make and Model | | Delco Remy 'Freedom.' | | |
| | Voltage Rtg.—V— & Total Plates | | 12-2500 watts | 12-2500 watts | 12-3200 watts |
| | SAE Designation No. and/or capacity | | 60 min. res Capacity | 60 min res Capacity | 80 minute reserve capacity |
| | Location | | Engine compartment, right front | | |
| Generator or Alternator | Make | | Delco Remy | | |
| | Model | | 1103036 | 1103033 | 1102881 |
| | Type and rating | | 37 | 42 | 37 |
| | Output at engine idle (neutral) A | | 12-20 | | |
| | Ratio—Gen. to Cr/s rev | | 2.36:1 | | |
| Regulator | Make | | Delco Remy | | |
| | Model | | --- | | |
| | Type | | Micro-circuit unit; integral with alternator | | |
| | Regulated | Voltage | 13.8-14.8 | | |
| | | Current A | --- | | |
| | Voltage test conditions | Temperature—°C (°F) | Operating | | |
| | | Load A | 3-8 | | |
| | | Other | None | | |

Electrical — Starting System

| | | | | | | | |
|----------------|-----------------------------------|----------|-------------------------|---------|---------|---------|--|
| Starting Motor | Make | | Delco Remy | | | | |
| | Model | | 1109524 | 1109065 | 1109524 | 1109067 | |
| Motor Drive | Engagement Type | | Positive shift solenoid | | | | |
| | Pinion engages from (front, rear) | | Rear | Front | Rear | | |
| | Number of teeth | Pinion | 9 | | | | |
| | | Flywheel | Manual | 153 | 160 | 168 | |
| | | | Auto | 153 | 160 | 168 | |

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (•) 2/79

Engine Description/Carb.

| | | | |
|----------------------------------|-----------------------------------|-------------------------------|--------------------------------|
| 3.3L (200) V-6/ 2-Bb1 RPO L26 | 3.8L (231) V-6/2-B RPO LD5/LC6 | 4.4L (267) V-8/2-B RPO L39 | 5.0L (305) V-8/4-BL RPO LG4 |
|----------------------------------|-----------------------------------|-------------------------------|--------------------------------|

Electrical — Ignition System — Distributor

| | | | | | |
|-------------|-----------|---------|----------------------|---------|----------------------|
| Distributor | Manual | 1110696 | 1110695 | 1103371 | 1103282 |
| | Automatic | 1110756 | 1110695 (1110731) | 1103370 | 1103379 (1103368) |
| Timing | Manual | 8° BTC | 15 @ 1600 | 4° BTC | 4° BTC |
| | Automatic | 12 °BTC | 15 @ 1600 | 10° BTC | 4° BTC (4° BTC) |

| Distributor Model | CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM | | | VACUUM ADVANCE Crankshaft Deg. at kPa (in. of Hg.) | |
|---|---|--------------|-----------|---|-------------|
| | Start | Intermediate | Maximum | Start | Maximum |
| 1110696 | 0 @ 1000 | 10 @ 1700 | 20 @ 3800 | 0 @ 10.1 | 21.9 @ 16.0 |
| 1110756 | 0 @ 1400 | 4 @ 1700 | 14 @ 3800 | 0 @ 10.1 | 30 @ 32.1 |
| 1103371 | 0 @ 1000 | 10 @ 1700 | 20 @ 3800 | 0 @ 10.1 | 30 @ 32.1 |
| 1103370 | 0 @ 1400 | 4 @ 1700 | 14 @ 3800 | 0 @ 10.1 | 30 @ 32.1 |
| | | | | | |
| 1103282 | 0 @ 1000 | 10 @ 1700 | 20 @ 3800 | 0 @ 13.5 | 20 @ 33.8 |
| | | | | | |
| 1110695 | 0 @ 1600 | | 15 @ 3600 | 0 @ 13.3 | 24 @ 36.7 |
| 1110731 | 0 @ 1600 | | 15 @ 3600 | 0 @ 16.7 | 16 @ 28.0 |
| 1103379 | 0 @ 1000 | 10 @ 1700 | 20 @ 3800 | 0 @ 10.1 | 20 @ 33.8 |
| 1103368 | 0 @ 1000 | 10 @ 1700 | 20 @ 3800 | 0 @ 13.5 | 10 @ 27.0 |
| | | | | | |
| Data in brackets () specific to California | | | | | |

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo

Model Year 1979

Issued 9/78

Revised (*)

Engine Description/Carb.

| | | | |
|-------------------------------|---|------------------------------|-------------------------------|
| 3.3L(200)V-6/ 2-Bb RPO L26 | 3.8L(231)V-6/ 2-B RPO LD5 AC6 | 4.4L(267)V-8/ 2-B RPO L39 | 5.0L(305)V-8/ 4-Bb RPO LG4 |
|-------------------------------|---|------------------------------|-------------------------------|

Electrical — Ignition System

| | | | | |
|------------|-----------------------------------|------------------|--------------------------------------|-------------|
| Type | Conventional — Std., Opt., N.A. | | --- | |
| | Transistorized — Std., Opt., N.A. | | --- | |
| | Other (specify) | | High Energy Ignition System (H.E.I.) | |
| Coil | Make | | Delco Remy | |
| | Model | | Integral with distributor cap | |
| | Current | Engine stopped—A | --- | |
| | | Engine idling—A | --- | |
| Spark Plug | Make | | AC Spark Plug | |
| | Model | | R45TS | R46TSX |
| | Thread (mm) | | 14 | |
| | Tightening torque—N·m (lb. ft.) | | | |
| | Gap | | 1.14 (.045) | 1.52 (.060) |

Electrical — Suppression

| | |
|------------------|---|
| Locations & type | Non-metallic high tension ignition cables |
|------------------|---|

Electrical — Instruments and Equipment

| | | |
|---------------------------|--|---|
| Speedometer | Type | Circular dial with pointer |
| | Trip odometer (std., opt., N.A.) | N/A |
| EGR maintenance indicator | | N/A |
| Charge indicator | Type | Tell-tale |
| | Warning device | N/A |
| Temperature indicator | Type | Tell-tale |
| | Warning device | N/A |
| Oil pressure indicator | Type | Tell-tale |
| | Warning device | N/A |
| Fuel indicator | Type | Electric Gauge |
| | Warning device | N/A |
| Windshield Wiper | Type—standard | Electric Two-speed |
| | Type—optional | Intermittent windshield wiper system |
| | Blade length | 457 (18 in) |
| | Swept area—cm ² (in. ²) | 6000 (930.3 in ²) |
| Windshield Washer | Type—standard | Push-button |
| | Type—optional | N/A |
| | Fluid level indicator | N/A |
| Horn | Type | Vibrator |
| | Number used | Dual |
| | Current draw (A) per horn | 4.5-6.5 @ 12.5 Volts |
| Other | | Restraint system warning light and buzzer. Parking brake and brake failure warning light, tachometer, voltmeter, oil pressure and coolant temperature gauges, in optional package. |

MVMA Specifications Form Passenger Car

Car Line Monte Carlo

Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

| | | | |
|--------------------------------|--|--------------------------------|--------------------------------|
| 3.3L(200)V-6/ 2-Bb1 RP0 L26 | 3.8L(231)V-6/ 2-Bb1 RP0 LD5/ LC6 | 4.4L(267)V-8/ 2-Bb1 RPQ L39 | 5.0L(305)V-8/ 4-Bb1 RP0 LG4 |
|--------------------------------|--|--------------------------------|--------------------------------|

Drive Units — Clutch (Manual Transmission)

| | | | |
|-----------------------------|---|------------------------------------|---------------|
| Make & type | Chevrolet, single dry disc | | |
| Type pressure plate springs | Diaphragm | | |
| Total spring load—N (lb.) | 9341-10230 (2100-2300) | | |
| No. of clutch driven discs | One | | |
| Clutch facing | Material | Woven, type asbestos | |
| | Manufacturer | Chevrolet | |
| | Part Number | 458629 | |
| | Rivets/Plate | 40 | |
| | Rivet size | 4.75x 5.28 | (.187 x .208) |
| | Outside & inside dia. | 262.6x165.1 | (10.34x6.50) |
| | Total eff. area—cm ² (in. ²) | 655.2 | (101.58) |
| | Thickness | 3.43 | (.135) |
| Release bearing | Engagement cushion-method | Flat spring steel between facings | |
| | Type & method of lubrication | Single row ball, packed and sealed | |
| Torsional damping | Methods: springs, friction material | Coil springs | |

Drive Units — Transmissions

| | | | | |
|-------------------------------------|------|------|------|------|
| Manual 3-speed (std., opt., N.A.) | Std | NA | NA | NA |
| Manual 4-speed (std., opt., N.A.) | NA | NA | NA | NA |
| Manual 5-speed (std., opt., N.A.) | NA | NA | NA | NA |
| Manual overdrive (std., opt., N.A.) | NA | NA | NA | NA |
| Automatic (std., opt., N.A.) | Opt. | Opt. | Opt. | Opt. |

Drive Units — Manual Transmissions

| | | |
|------------------------------------|------------------------------|-------------------------------|
| Number of forward speeds | | 3 |
| Transmis- sion ratios | In first | 3.50 |
| | In second | 1.89 |
| | In third | 1.00 |
| | In fourth | - |
| | In fifth | - |
| In reverse | | 3.62 |
| Synchronous meshing, specify gears | | All forward |
| Shift lever location | | Floor |
| Lubricant | Capacity—L (pt.) | 1.4(3.0) |
| | Type recommended | GL-5 Gear lubricant |
| | SAE vis- cosity number | Summer 80W or 80W-90 |
| | | Winter 80W or 80W-90 |
| | | Extreme cold 80W or 80W-90 |

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (•) 2/79

See 'Power Teams' (Page 2) for Transmission usage.

Engine Description/Carb.

| | | | |
|--------------------------------|---|--------------------------------|--------------------------------|
| 3.3L(200)V-6/ 2-Bbl RPO L26 | 3.8L(231)V-6/ 2-Bbl RPO LD5/ LC6 | 4.4L(267)V-8/ 2-Bbl RPO L39 | 5.0L(305)V-8/ 4-Bbl RPO LG4 |
|--------------------------------|---|--------------------------------|--------------------------------|

Drive Units—Automatic Transmission

Auto. '200'

Auto. '350'

| | | | | |
|--|-------------------------------|---|-------|----------------|
| Trade name | | 3-Speed Automatic | | |
| Type (describe) | | Torque converter with planetary gears | | |
| Selector location | | Column mounted; floor mounted with optional floor console | | |
| Gear Ratios | P | Park | | |
| | R | 2.07 | | 1.93 |
| | N | Neutral | | |
| | D | 2.74-1.57-1.00 | | 2.52-1.52-1.00 |
| | L2 | 2.74-1.57 | | 2.52-1.52 |
| | L1 | 2.74 | | 2.52 |
| Max. upshift speed—drive range— km/h (mph) | | 63-77 | 72.89 | 73-90 |
| Max. kickdown speed—drive range— km/h (mph) | | 59-74 | 68-86 | 70-87 |
| Torque Converter | Number of elements | 3 | | |
| | Max. ratio at stall | 2.35 | | 2.0 |
| | Type of cooling (air, liquid) | Liquid | | |
| | Nominal diameter | 298.4 (11.75) | | |
| Lubricant | Capacity—refill—L (pt.) | 4.0 (7.5) | | 3.8 (6.6) |
| | Type recommended | Dexron II | | |
| Special transmission features | | | | |

Drive Units—Axle

| | | | |
|-----------------------------------|--|-------------------------|--------|
| Type (front, rear) | Rear | | |
| Description | Semi-floating forged hardened steel axle shafts. overhung drive pinion and ring gear | | |
| Limited Slip differential, type | Disc clutch | | |
| Drive Pinion Offset | 38.1(1.50) Vertical | | |
| No. of differential pinions | Two | | |
| Pinion adjustment (shim, other) | Shim | | |
| Pinion bearing adj. (shim, other) | Collapsible sleeve | | |
| Wheel bearing type | Direct or single row cylindrical roller | | |
| Lubricant | Capacity—L (pt.) | 1.5 (3.25) | |
| | Type recommended | SAE GL-5 Gear Lubricant | |
| | SAE viscosity number | Summer | 80W-90 |
| | | Winter | 80W-90 |
| | | Extreme cold | 80W-90 |

Axle Ratio Tooth Combinations (See "Power Teams" for axle ratio usage.)

| | | | | |
|---------------|------------|------|------|------|
| Axle Ratio | 2.29 | 2.41 | 2.73 | 3.23 |
| No. of teeth | Pinion | 17 | 15 | 13 |
| | Ring gear | 39 | 41 | 42 |
| Ring Gear C/D | 191 (7.50) | | | |

MVMA Specifications Form

Passenger Car

CarLine Monte Carlo

Model Year 1979

Issued 9/78

Revised (*)

Engine Description/Carb.

| | | | |
|--------------------------------|--|-------------------------------|--------------------------------|
| 3.3L(200)V-6/ 2-Bb1 RPO L26 | 3.8L(231)V-6/ 2-Bb1 RPO LD5/ LC6 | 4.4L(267)V-8 2-Bb1 RPO L39 | 5.0L(305)V-8/ 4-Bb1 RPO LG4 |
|--------------------------------|--|-------------------------------|--------------------------------|

Drive Units—Propeller Shaft

| | | | | |
|--|-----------------------------------|--------------------------------------|---------------|--|
| Number used | | One | | |
| Type (straight tube, tube-in-tube, internal-external damper, etc.) | | Straight tube | | |
| Outer diam. x length* x wall thickness | Manual 3-speed trans. | 6.35x1331.5x1.65 (2.5x52.42x.065) | NA | |
| | Manual 4-speed trans. | NA | NA | |
| | Manual 5-speed trans. | NA | | |
| | Overdrive | NA | | |
| | Automatic transmission | Same as 3-Speed Manual | | |
| Inter- mediate bearing | Type (plain, anti-friction) | None | | |
| | Lubrication (fitting, prepack) | --- | | |
| Slip Yoke | Type | Yoke | | |
| | Number of teeth | 27 | | |
| | Spline O. D. | | | |
| Universal joints | Make and Mfg. No. | Saginaw 44 | | |
| | Number used | Two | | |
| | Type (ball and trunnion, cross) | Single Cardan | | |
| | Rear attach (u-bolt, clamp, etc.) | Strap and bolt | | |
| | Bearing | Type (plain, anti-friction) | Anti-friction | |
| | | Lubric. (fitting, prepack) | Pre-pack | |
| Drive taken through (torque tube or arms, springs) | | Control arm | | |
| Torque taken through (torque tube or arms, springs) | | Control arm | | |

* Center to center of universal joints, or to centerline of rear attachment.

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo

Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

| | | | |
|---------------|---------------|---------------|---------------|
| 3.3L(200) V-6 | 3.8L(231) V-6 | 4.4L(267)V-8 | 5.0L(305)V-8 |
| 2-Bb1 RPO L26 | 2-Bb1 LD5/L06 | 2-Bb1 RPO L39 | 4-Bb1 RPO LG4 |

Drive Units—Tires And Wheels (Standard)

| | | | |
|--------|---|---------------------|-------------------------------|
| TIRES | Size, load range, ply | | P205/70R-14(B/W-Std; W/W-opt) |
| | Type (bias, radial, etc.) | | Steel belted radial |
| | Inflation pressure (cold) for recommended max. vehicle load | Front—kPa (psi) | 200(29) |
| | | Rear—kPa (psi) | 200(29) |
| | Rev./mile—at 70 km/h (45 mph) | | 508(818) |
| WHEELS | Type & material | | Short spoke disc, steel |
| | Rim (size & flange type) | | 14x6 |
| | Wheel offset | | '0' |
| | Attachment | Type (bolt or stud) | Stud |
| | | Circle diameter | 120.7 (4.75) |
| | | Number & size | 5 - hex nuts 7/16-20 |
| | Spare wheel (same or other) | | 15x4(25MM-1.0 in. offset) |

Drive Units—Tires And Wheels (Optional)

| | | |
|-------------------------------------|--|---------------------------|
| Size, load range, ply | | |
| Type (bias, radial, etc.) | | |
| Wheel type & material | | Rally type (RPO ZJ7) |
| Rim (size, flange type, and offset) | | 14x6, '0' offset |
| Size, load range, ply | | |
| Type (bias, radial, etc.) | | |
| Wheel type & material | | Rally type (RPO ZJ7) |
| Rim (size, flange type, and offset) | | 14x6; '0' offset |
| <u>Spare Tire</u> | | |
| <u>Base</u> | | Compact |
| <u>Optional</u> | | Stowaway (P195/75-14) (a) |
| 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) | | |

Brakes—Parking

| | | |
|---------------------------------|--|---|
| Type of control | | Foot pedal-application; 'T' 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) | --- |

(a) Used with limited slip differential.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo

Model Year 1979 Issued 9/78 Revised (*) 2/79

Body Type And/Or Engine Displacement

V-6 Engine - Non -
Air Conditioning

V-8 Engine & V-6 Engine
with Air Conditioning

Brakes—Service

| | | | | |
|---|---|--------------------------------|---|----------------------|
| Brake Type (std., opt., N.A.) | Drum | Front | NA | |
| | | Rear | Standard | |
| | Disc | Front | Standard | |
| | | Rear | NA | |
| Self-adjusting (std., opt., N.A.) | | | Standard | |
| Special Valving | Type (proportion, delay, metering, other) | | | |
| Power Brake (std., opt., N.A.) | | | Option (a) | Required option |
| Booster Type (remote, integral, vac., hyd., etc.) | | | Integral | |
| Anti-skid device type (std., opt., N.A.) | | | NA | |
| Effective area—cm ² (in. ²)* | | | 615.5(95.42) | |
| Gross lining area—cm ² (in. ²)** | | | | |
| Swept area—cm ² (in. ²)* | | | 1985.1(307.77) | |
| Rotor | Outer working diameter | F | 266.7(10.5) | |
| | | R | --- | |
| | Thickness | F | 26.2 (1.03) | |
| | | R | --- | |
| | Material & type (vented/solid) | F | Cast iron, vented | |
| | | R | --- | |
| Drum | Diameter (nominal) | F | --- | |
| | | R | 241.3(9.5) | |
| | Type and material | | Finned, cast iron | Finned, aluminum (b) |
| Wheel cylinder bore | Front | | 63.5(2.5) | |
| | Rear | | 19.1(0.75) | |
| Master Cylinder | Bore | | 22.2(.87) | 24(.94) |
| | Stroke | | 34.5(1.36) | 33.3(1.31) |
| Pedal arc ratio | | | 6.29:1 | |
| Line pressure at 445 N (100 lb.) pedal load—MPa (psi) | | | | |
| Lining Clearance Per Shoe | Front | | Self Adjusting | |
| | Rear | | Self Adjusting | |
| Brake lining | Front Wheel | Bonded or riveted, rivets/seg. | Riveted, 8 | |
| | | Rivet size | Front-5.33x 7.92(.210x.312); Rear-3.6x6.35(.143x.250) | |
| | | Manufacturer | Delco Moraine | |
| | | Lining Code | GM116FE | |
| | | Material | Molded asbestos | |
| | | Size Prim. or out-board | 125x48.4x11.04(4.92x1.91x.435) | |
| | | Size Second or in-board | 125x48.44x11.04(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 | Primary-GM224 FF; Secondary-GM235FF | |
| | | Material | Molded asbestos | |
| | | Size Prim. or out-board | 192.5x51.0x4.98(7.58x2.0x.196) | |
| | | Size Second or in-board | 249.6x51.0x6.75(9.83x2.0x.266) | |
| | Shoe thickness (no lining) | 9.7(.38) | | |

* Excludes rivet holes, grooves, chamfers, etc.

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by $\pi/2$ for each brake.)

**** Size for drum brakes includes length x width x thickness.

(a) Requires Monte Carlo equipment package (auto trans. power brakes and power steering).

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Date 9/78 Revised (*)

2-Door Sport Coupe

Steering

| | | | |
|--|---|--|--|
| Manual (std., opt., N.A.) | | Standard with V-6 engine, without air conditioning | |
| Power (std., opt., N.A.) | | Optional - V-6 with non-air conditioning (a) | |
| Adjustable steering wheel (tilt, swing, other) | Type and description | Tilt- "U" joint steering shaft at base of steering wheel-6 position-5" vertical travel range | |
| | Std., opt., N.A. | Optional | |
| Wheel diameter | Manual | 387 (15.0) | |
| | Power | 387 (15.0) | |
| Turning diameter (feet) | Outside front | Wall to wall to curb | 12.4 (40.54) |
| | | Curb to curb to curb | 11.3 (37.19) |
| | Inside rear | Wall to wall to curb | |
| | | Curb to curb to curb | |
| Manual | Gear | Type | Semi-reversible, recirculating ball nut |
| | | Make | Saninaw Steering |
| | Ratios | Gear | 24.0:1 |
| | | Overall | 28.0:1 |
| No. wheel turns (stop to stop) | | 5.3 | |
| Power | Gear | Type | Integral gear and power piston with vane type gear |
| | | Make | Saninaw Steering |
| | Ratios | Gear | 14.0:1 |
| | | Overall | 15.3:1 |
| Pump driven by | | Crankshaft pulley | |
| No. wheel turns (stop to stop) | | 3.3 | |
| Linkage | Type | Parallelogram | |
| | | Front | |
| | Location (front or rear of wheels, other) | None | |
| | | Drag links (trans. or longit.) | |
| Steering Axis | Bearings (type) | Upper | Ball stud with non-metallic surfaces |
| | | Lower | Ball stud with non-metallic surfaces |
| | Thrust | --- | |
| | | Steering spindle & joint type | |
| Wheel Spindle | Diameter | Inner bearing | 31.7 (1.25) |
| | | Outer bearing | 21.44 (.844) |
| | Thread size | | 3/4-20 |
| | Bearing type | | Tapered roller |
| Wheel Align at curb mass (wt.) | Service checking | Caster (deg.) | |
| | | Camber (deg.) | |
| | | Toe-in (outside track-mm (in.)) | |
| | Service reset | Caster | |
| | | Camber | |
| | | Toe-in | |
| | Periodic M.V. inspection | Caster | |
| | | Camber | |
| Toe-in | | | |

(a) Requires Monte Carlo Equipment Package (automatic transmission, power steering and power brakes).

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (•) _____

Body Type And/Or Engine Displacement

2-Door Sport Coupe

Suspension — General

(See Supplement page for details on Air Suspension)

| | |
|------------------------------------|--|
| Provision for car leveling | Front stabilizer bar |
| Provision for brake dip control | Front suspension geometry |
| Provision for acc. squat control | Rear suspension geometry |
| Special provisions for car jacking | Position jack in bumper slot on lower-face of front and rear bumpers |
| Shock absorber front & rear | Type Make Piston dia. |
| | Direct double acting hydraulic |
| | Delco |
| | 25(1.0) |
| Other special features | |

Suspension — Front

| | |
|----------------------|---|
| Type and description | Independent SLA with coil springs |
| Travel | Full Jounce Full Rebound |
| | 90 (3.54) 92 (3.62) |
| | Type (coil, leaf, other) Coil |
| | Material Steel alloy |
| Spring | Size (from design height & I.D., bar length x dia.) 260x102.9x2953x15.6 (10.2x4.05x116.3x.61) (a) |
| | Spring rate — N/mm (lb./in.) 58.0 (400) |
| | Rate at wheel — N/mm (lb./in.) 17.12 (118) |
| Stabilizer | Type (link, linkless, frameless) Link |
| | Material & bar diameter Steel; 31 (1.22) |

Suspension — Rear

| | |
|--------------------------------|--|
| Type and description | Salisbury 4-link type |
| Drive and torque taken through | Control arms |
| Travel | Full Jounce Full Rebound |
| | 107 (4.21) 113 (4.45) |
| | Type (coil, leaf, other) Coil |
| | Material Steel alloy |
| Spring | Size (length x width, coil design height & I.D., bar length & dia.) 254x139.7 x 2428x12.8 (a) (10 x 5.5 x 95.6 x .504) |
| | Spring rate — N/m (lb./in.) 20.1 (139) (a) |
| | Rate at wheel — N/m (lb./in.) 19.82 (137) |
| | Mounting insulation type |
| | No. of leaves --- |
| | Shackle (comp. or tens.) --- |
| Stabilizer | Type (link, linkless, frameless) Link |
| | Material & bar diameter Steel; with V-6 engine - 16 (.63), with V-8 engine - 20 (1.25) |
| Track bar type | --- |

(a) For base equipped model. Springs for all models are computer selected by size and rate according to vehicle weight including optional equipment.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Body Type

2-Door Sport Coupe

Body — Miscellaneous Information

| | |
|--|---------------------------------------|
| Type of finish (lacquer, enamel, other) | Acrylic Lacquer |
| Hood counterbalanced (yes, no) | Yes |
| Hood release control (internal, external) | Internal |
| Vehicle Ident. No. Location | Top left hand of Instrument panel pad |
| Front window control method (crank, friction pivot, power) | None |
| | 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 --- |
| Method of holding luggage compartment lid open | Boxed hinges with Torsion Rod |
| Position of spare tire storage | Semi-vertical -right rear trunk area |
| | |
| | |
| | |

Frame

| | |
|---|----------------------------|
| Type and description (Separate frame, unitized frame, partially-unitized frame) | Full frame, perimeter type |
|---|----------------------------|

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (#) _____

Body Type

2-Door Sport Coupe

Convenience Equipment

| | | |
|--|-----------------------|--|
| Power windows | Side Windows | Optional |
| | Vent windows | NA |
| | Backlight or tailgate | -- |
| Power seats (specify type as well as availability) | | Optional-6-wav 55/45 power bench seat, drivers only. -6-wav power bench seat. |
| Reclining front seat back (R-L or both) | | NA |
| Radios (specify type as well as availability) | | Optional-AM Push button, AM/FM Pushbutton, AM/FM stereo, AM stereo w/8-track tape, AM/FM stereo w/8 track tape, AM/FM cassette |
| Rear seat speaker | | AM/FM monaural or Stereo Citizens Band Optional |
| Power antenna | | Optional |
| Clock | | Standard |
| Air conditioner (specify type) | | Optional-"Four Season" manual controls |
| Speed warning device | | NA |
| Speed control device | | Optional with automatic transmission |
| Ignition lock lamp | | NA |
| Dome lamp | | Standard |
| Glove compartment lamp | | Standard |
| Luggage compartment lamp | | Optional |
| Underhood lamp | | Optional |
| Courtesy lamp | | Standard |
| Map lamp | | NA |
| Cornering lamp | | NA |
| Rear window defroster electrically heated | | Optional |
| Theft protection—type | | Lock mounted on steering column; locks steering wheel, transmission, shift levers and ignition. |
| Ash tray lamp | | Standard |
| Dome reading lamp | | Optional |

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
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[illegible]

*Reference — SAE J1100a, Motor Vehicle Dimensions, Curb Weight Definition.

**Shipping Mass (Weight) definition—

MVMA Specifications Form
Passenger Car

Car Line Monte Carlo

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Issued 9/78

Revised (*)

| | Optional Equipment Mass (Weights)* | | | |
|---------------------------------------|------------------------------------|--------|---------|-----------------------------|
| Equipment Differential Mass (Weights) | MASS. kg. (Weight. lb.) | | | Remarks |
| | Front | Rear | Total | |
| Air Conditioning | 28.4 | 2.2 | 30.6 | With V-6 engines |
| 4-Season | (62.5) | (+5) | (67.5) | |
| | 22.4 | 1.8 | 24.2 | With V-8 engines |
| | (49.5) | (4.0) | (53.5) | |
| Electric Door Locks | 0.8 | 0.4 | 1.2 | |
| | (+1.7) | (+.8) | (+2.5) | |
| Power Windows | 1.8 | 1.8 | 3.6 | |
| | (+4) | (+4) | (+8) | |
| Power Seat 6-way Bench | 4.2 | 3.8 | 8.0 | |
| | (+9) | (+8.5) | (+17.5) | |
| Power Seat 6-way | 4.2 | 3.8 | 8.0 | |
| 55/45 Seat | (+9) | (+8.5) | (+17.5) | |
| Vinyl Roof Cover | 1.6 | 1.6 | 3.2 | |
| (Padded) | (+3.5) | (+3.5) | (+7) | |
| Floor Mats Front & Rear | 2.0 | 1.2 | 3.2 | |
| | (+4.5) | (+2.5) | (+7) | |
| Front Compartment | 2.2 | 0.6 | 2.8 | With 3- speed transmission |
| Console | (+5) | (+1) | (+6) | |
| | 4.6 | 1.6 | 6.2 | With automatic transmission |
| | (+10) | (+3.5) | (+13.5) | |
| Radio AM Push-Button | 2.0 | 0.6 | 2.6 | |
| | (+4.5) | (+1) | (+5.5) | |
| Radio AM/FM Push-Button | 2.4 | 0.6 | 3.0 | |
| | (+5.5) | (+1) | (+6.5) | |
| Radio AM/FM Stereo | 3.2 | 2.4 | 5.6 | |
| | (+7.0) | (+5.0) | (+12) | |
| Radio AM Push-Button | 3.6 | 2.2 | 5.8 | |
| & Stereo Tape Player | (+7.5) | (+5) | (+12.5) | |
| Radio AM/FM Push-Button | 3.8 | 2.2 | 6.0 | |
| & Stereo Tape Player | (+8) | (+5) | (+13) | |
| Auxiliary Speaker-Rear | 0 | 0.8 | 0.8 | |
| | (0) | (+1.8) | (+1.8) | |

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

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo

Model Year 1979

Issued 9/78

Revised (*)

| Equipment Differential Mass (Weights) | Optional Equipment Mass (Weights)* | | | Remarks |
|---------------------------------------|------------------------------------|--------|--------|---------------------|
| | MASS, kg. (Weight, lb.) | | | |
| | Front | Rear | Total | |
| 3.8 Litre V6 231 CID | -2.0 | 0 | -2.0 | |
| RPO LD5/LC6 | (-4.5) | 0 | (-4.5) | |
| 4.4 Litre V8 267 CID | 56.0 | 3.0 | 59.0 | |
| RPO L39 | (+123) | (+7) | (+130) | |
| 5.0 Litre V8 305 CID | 59.8 | 3.2 | 63.0 | |
| RPO LG4 | (+132) | (+7) | (+139) | |
| Automatic Trans. (RPO M29) | -2.6 | -0.8 | -3.4 | with V8 RPO LG4 |
| | (-5.7) | (-1.8) | (-7.5) | |
| Automatic Trans. (RPO M33) | 7.2 | 2.4 | 9.6 | with V6 RPO LD5/LC6 |
| | (+16) | (+5) | (+21) | |
| Automatic Trans. (RPO M38) | 9.2 | 3.0 | 12.2 | with V6 RPO L26 |
| | (+20) | (+7) | (+27) | |
| | 6.8 | 3.4 | 10.2 | with V8 RPO L39 |
| | (+15) | (+7) | (+22) | |
| AM/FM Monaural CB radio | 2.6 | 1.2 | 3.8 | |
| | (+5.5) | (+2.5) | (4.2) | |
| AM/FM Stereo CB radio | 3.0 | 1.2 | 4.2 | |
| | (+6.5) | (+2.5) | (+9) | |
| AM/FM Stereo Cassette | 2.6 | 1.4 | 4.0 | |
| Tape Player | (+5.5) | (+3.0) | (+8.5) | |

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

MVMA Specifications Form

Passenger Car

Car Line Monte Carlo
 Model Year 1979 Issued 9/78 Revised (•) _____

Car and Body Dimension See Key Sheets, for definitions.

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.

SAE Ref. No. refers to the definition published in SAE Recommended Practice.

J1100a Motor Vehicle Dimensions, unless otherwise specified.

Body Type

| SAE Ref. No. | |
|--------------|--------------------|
| | 2-Door Sport Coupe |

Width

| | | |
|----------------------------------|------|--------------|
| Tread — Front | W101 | 1486 (58.5) |
| Tread — Rear | W102 | 1467 (57.8) |
| Vehicle width | W103 | 1816 (71.5) |
| Body width at Sg RP — front | W117 | 1783 (70.2) |
| Vehicle width — front doors open | W120 | 3989 (157.0) |
| Vehicle width — rear doors open | W121 | --- |

Length

| | | |
|--------------------------------|------|--------------|
| Wheelbase | L101 | 2745 (108.1) |
| Vehicle length | L103 | 5090 (200.4) |
| Overhang — front | L104 | 1077 (42.4) |
| Overhang — rear | L105 | 1268 (49.9) |
| Upper structure length | L123 | 2303 (90.7) |
| 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 | 2-3 |
| Trunk/Cargo load | | 0 |
| Vehicle height | H101 | 1370 (53.9) |
| Cowl point to ground | H114 | 979 (38.5) |
| Deck point to ground | H138 | |
| Rocker panel front to ground | H112 | 219 (8.6) |
| Bottom of door closed—front to grd | H133 | 265 (10.4) |
| Rocker panel rear to ground | H111 | 211 (8.3) |
| Bottom of door closed—rear to grd | H135 | --- |
| Windshield slope angle | H122 | 59.5° |

Ground Clearance*

| | | |
|---|------|---------------------|
| Front bumper to ground | H102 | 354 (13.9) |
| Rear bumper to ground | H104 | 314 (12.4) |
| Bumper to ground—front at curb mass (wt.) | H103 | 376 (14.8) |
| Bumper to ground—rear at curb mass (wt.) | H105 | 353 (13.9) |
| Angle of approach | H106 | 18° 17' |
| Angle of departure | H107 | 14° 04' |
| Ramp breakover angle | H147 | 13° 29' |
| Rear axle differential to ground | H153 | 149 (5.9) |
| Min. running ground clearance | H156 | 122 (4.8) |
| Location of min. run. grd. clear | | Rear Shock Absorber |

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.
 Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*)

Car and Body Dimensions See Key Sheets for definitions

Body Type

| | |
|--------------------|--------------------|
| SAE Ref. No. | 2-Door Sport Coupe |
|--------------------|--------------------|

Front Compartment

| | | |
|--------------------------------|-----|-------------|
| Sg RP front "X" coordinate | L31 | 1088 (42.8) |
| Effective head room | H61 | 956 (37.6) |
| Effective T Point head room | H75 | 961 (37.8) |
| Max. eff. leg room—accelerator | L34 | 1086 (42.8) |
| Sg RP—front to heel | H30 | 228 (9.0) |
| Design H-point front travel | L17 | 171 (6.7) |
| Shoulder room | W3 | 1102 (55.2) |
| Hip room | W5 | 1311 (51.6) |
| Upper body opening to ground | H50 | 1275 (50.2) |
| Steering Wheel Angle | H18 | 19.5° |
| Back Angle | L40 | 26.5° |

Rear Compartment

| | | |
|------------------------------|-----|-------------|
| Sg RP Point couple distance | L50 | 817 (32.2) |
| Effective head room | H63 | 956 (37.6) |
| Effective T Point head room | H76 | 957 (37.7) |
| Min. effective leg room | L51 | 923 (36.3) |
| Sg RP—second to heel | H31 | 264 (10.4) |
| Knee clearance | L48 | 53 (2.1) |
| Compartment room | L3 | 682 (26.9) |
| Shoulder room | W4 | 1419 (55.9) |
| Hip room | W6 | 1394 (54.9) |
| Upper body opening to ground | H51 | --- |

Luggage Compartment

| | | |
|-----------------------------------|------|------------|
| Usable luggage capacity—L (cu ft) | V1 | 456 (16.1) |
| Liftover height | H195 | 751 (29.6) |

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*)

Car and Body Dimensions See Key Sheets for definitions

Body Type

| | |
|--------------|--------------------|
| SAE Ref. No. | 2-Door Sport Coupe |
|--------------|--------------------|

Station Wagon — Third Seat

| | | |
|-----------------------------|-----|------------|
| Shoulder room | W85 | |
| Hip room | W86 | |
| Effective leg room | L66 | |
| Effective head room | H86 | NOT |
| Effective T Point head room | H89 | APPLICABLE |
| Seat facing direction | SD1 | |

Station Wagon — Cargo Space

| | | |
|--|------|------------|
| Cargo length—open—front | L200 | |
| Cargo length—open—second | L201 | |
| Cargo length—closed—front | L202 | |
| Cargo length—closed—second | L203 | |
| Cargo length at belt—front | L204 | NOT |
| Cargo length at belt—second | L205 | APPLICABLE |
| 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 | |
| Tail gate to ground height | H250 | |
| Front seat back to load floor height | H197 | |
| Cargo volume index—m ³ (ft. ³) | V2 | |
| Hidden cargo volume—m ³ (ft. ³) | V4 | |

Hatchback — Cargo Space

| | | |
|---|------|------------|
| Front seat back to load floor height | H197 | |
| Cargo length at front seat | | |
| Back height | L206 | NOT |
| Cargo length at floor—front | L209 | APPLICABLE |
| Cargo volume index—L (ft. ³) | V3 | |
| Hidden cargo volume—L (ft. ³) | V4 | |

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

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) 2/79

Car and Body Dimensions See Key Sheets for definitions

Body Type

2-Door Sport Coupe

Vehicle Fiducial Marks

| Fiducial Mark Number* | Define Coordinate Location | |
|-----------------------|----------------------------|---|
| Front | X | Fiducial mark to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt. |
| | Y | Fiducial mark to centerline of car-front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt. |
| | Z | Fiducial mark to horizontal base grid line-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt. |
| Rear | X | Fiducial mark to vertical base grid line-rear, measured horizontally from base grid line to the rear fiducial mark located on rear underbody crossbar. |
| | Y | Fiducial mark to centerline of car-rear, width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar. |
| | Z | Fiducial mark to horizontal base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar. |
| ● Front | W21 | Y 564.0 (22.2) |
| | L54 | X 2761.0 (108.7) |
| | H81 | Z 490.0 (19.3) |
| | H161 | 341.49 (13.4) |
| | H163 | 310.61 (12.2) |
| ● Rear | W22 | Y 534.0 (21.0) |
| | L55 | X 5338.0 (210.2) |
| | H52 | Z 617.0 (24.3) |
| | H162 | 468.02 (18.4) |
| | H164 | 425.78 (16.8) |

*Reference — SAE Recommended Practice, J182a, A Motor Vehicle Fiducial Marks — September, 1973.

MVMA Specifications Form Passenger Car

Car Line Monte Carlo
Model Year 1979 Issued 9/78 Revised (*) _____

Car and Body Dimensions See Key Sheets for definitions

Body Type

| | |
|--------------------|--------------------|
| SAE Ref. No. | 2-Door Sport Coupe |
|--------------------|--------------------|

Glass

| | | |
|---|------|------------------------|
| Backlight slope angle | H121 | 35.5° |
| Windshield slope angle | H122 | 59.5° |
| Tumble-Home | W122 | 23.5° |
| Windshield glass exposed surface area—cm ² (in. ²) | S1 | 8082.0 (1252.7) |
| Side glass exposed surface area—cm ² (in. ²) | S2 | 9912.0 (1536.4) |
| Backlight glass exposed surface area—cm ² (in. ²) | S3 | 4660.0 (722.3) |
| Total glass exposed surface area—cm ² (in. ²) | S4 | 22654.0 (3511.4) |
| Windshield glass type | | Curved Laminated plate |
| Side glass type | | Curved Tempered plate |
| Backlight glass type | | Curved Tempered plate |

Lamps and Headlamp Shape*

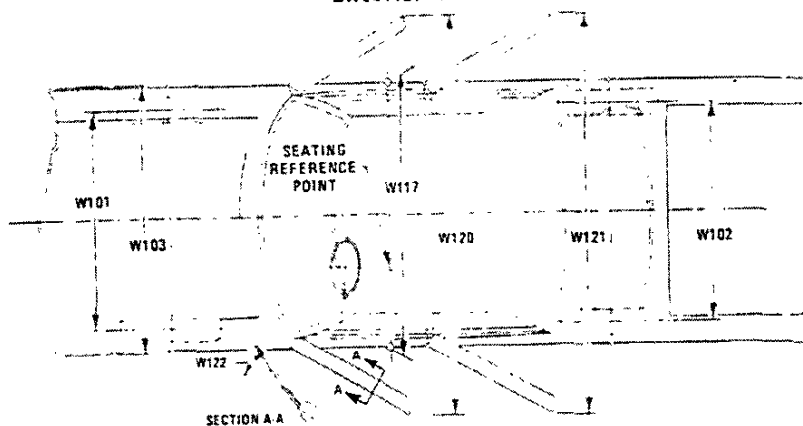
| | | | |
|---|-----------------|-----------|-------------|
| Height above ground to center of bulb or marker | Headlamp (H125) | Highest** | 659 (25.9) |
| | | Lowest | |
| | Tail (H126) | Highest | 606 (23.9) |
| | | Lowest | |
| | Sidemarker | Front | 716 (28.2) |
| | | Rear | 606 (23.9) |
| Distance from C/L of car to center of bulb | Headlamp | Inside | |
| | | Outside** | |
| | Tail | Inside | |
| | | Outside | |
| | Directional | Front | |
| | | Rear | |
| Headlamp Shape | | | Rectangular |

*Measured at curb mass (weight).
**If single headlamps are used enter here

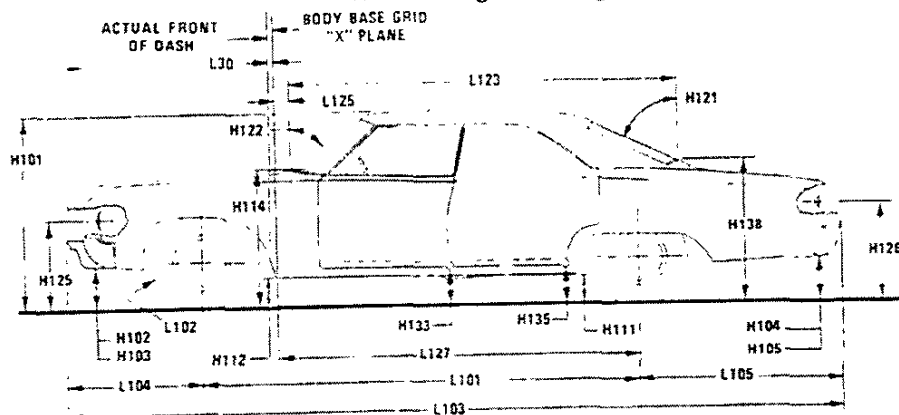
MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet

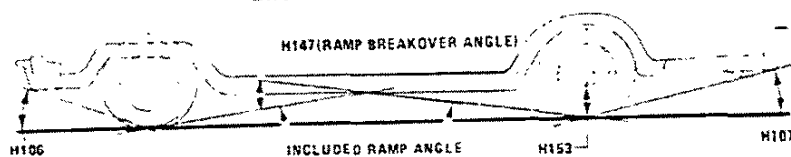
Exterior Width



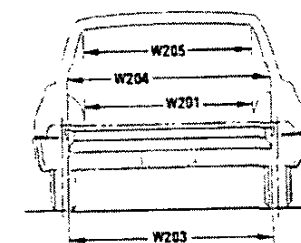
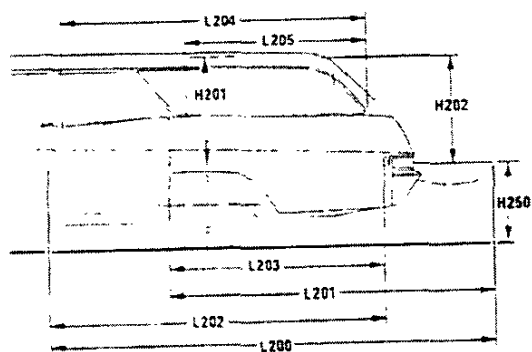
Exterior Length & Height



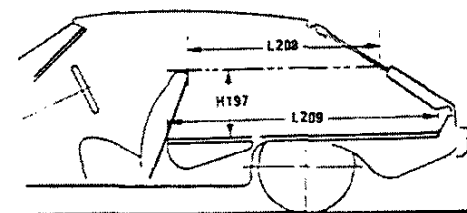
Exterior Ground Clearance



Cargo Space



Station Wagon

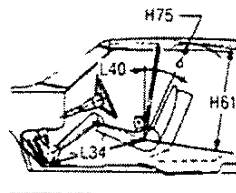
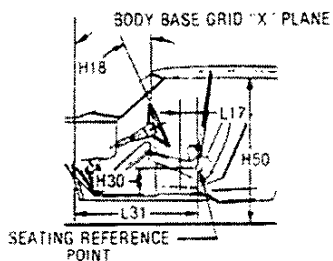


Hatchback

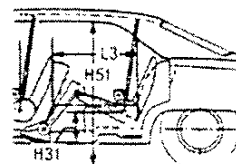
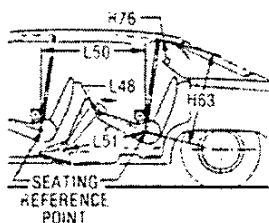
MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet

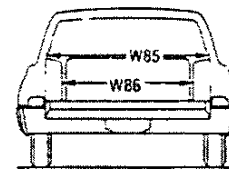
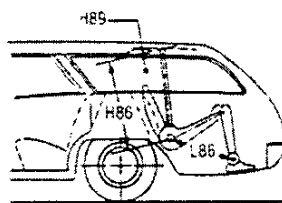
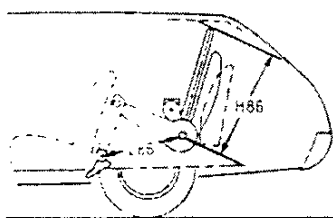
Front Compartment



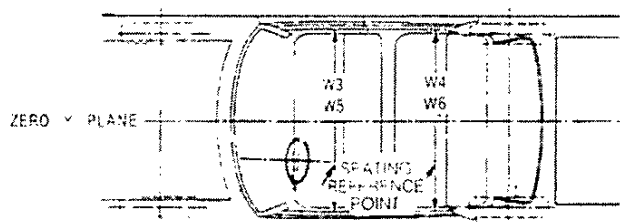
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet Dimension Definitions

Seating Reference Point

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

(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle.

(b) Has coordinates established relative to the designed vehicle structure.

(c) Simulates the position of the pivot center of the human torso and thigh, and

(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

W101 TREAD — FRONT The dimension measured between the tire centerlines at the ground.

W102 TREAD — REAR The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP — FRONT The dimension measured laterally between the widest points on the body at the SgRP — front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH — FRONT DOORS OPEN The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH — REAR DOORS OPEN The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE HOME, STRAIGHT SIDE GLASS The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.

CURVED SIDE GLASS The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO, at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE A minus (-) dimension indicates actual front of dash is 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 18.0 in. (457 mm) long, drawn from the lower DLO to the intersecting point on the windshield.

H125 HEADLAMP TO GROUND The dimension measured vertically from the centerline of the lowest headlamp lens to ground.

H126 TAILLAMP TO GROUND 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

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

- H103 FRONT BUMPER TO GROUND — CURB WEIGHT. 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 WEIGHT. 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 4.0 in. (102 mm).
- H75 EFFECTIVE T-POINT HEAD ROOM — FRONT. The minimum radius from the T-point to the headlining plus 30 in. (762 mm).
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP - front plus 10.0 in. (254 mm) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- H30 SgRP — FRONT TO HEEL. The dimension measured vertically from the SgRP - front to the accelerator heel point.
- L17 DESIGN H-POINT — FRONT TRAVEL. The dimension measured horizontally between the design H-point - front in the foremost and rearmost seat track 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 10.0 in. (254 mm) 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 1.0 in. (25 mm) below and 20.0 in. (508 mm) above the SgRP - front and 3.0 in. (76 mm) fore and aft of 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 COUPLE 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 - second to the headlining, plus 4.0 in. (102 mm).
- 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 10.0 in. (254 mm).
- 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 2.0 in. (51 mm).
- 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 10.0-16.0 in. (254-406 mm) 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 13.0 in. (330 mm) 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 DISTRIBUTION — 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 10.0 in. (254 mm).
- 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 4.0 in. (102 mm).
- H89 EFFECTIVE T-POINT HEAD ROOM — THIRD. Measured in the same manner as H75.

Station Wagon - Cargo Space Dimensions

- L200 CARGO LENGTH — OPEN — FRONT. The minimum dimension measured longitudinally from the back of

MVMA Specifications Form

Passenger Car

Interior Car And Body Dimensions — Key Sheet

Dimension Definitions

- the front seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane
- L201 CARGO LENGTH — OPEN — SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane
- L202 CARGO LENGTH — CLOSED — FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mov's at the zero "Y" plane.
- L203 CARGO LENGTH — CLOSED — SECOND. The dimension measured horizontally from the back of the second seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mov's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT — FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cap back panel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT — SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane
- W201 CARGO WIDTH — WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undeepressed 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 undeepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open

H250 TAILGATE TO GROUND (CURB WEIGHT). The dimension measured vertically from the top of the undeepressed 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:

$$\frac{W4 \times H201 \times L204}{109} = \text{m}^3 \text{ (cubic meter)}$$

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 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 undeepressed 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:

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

Measured in mm:

$$\frac{L208 + L209}{2} \times W4 \times H197 \div 109 = \text{m}^3 \text{ (cubic meter)}$$

MVMA Specifications Form

Passenger Car

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