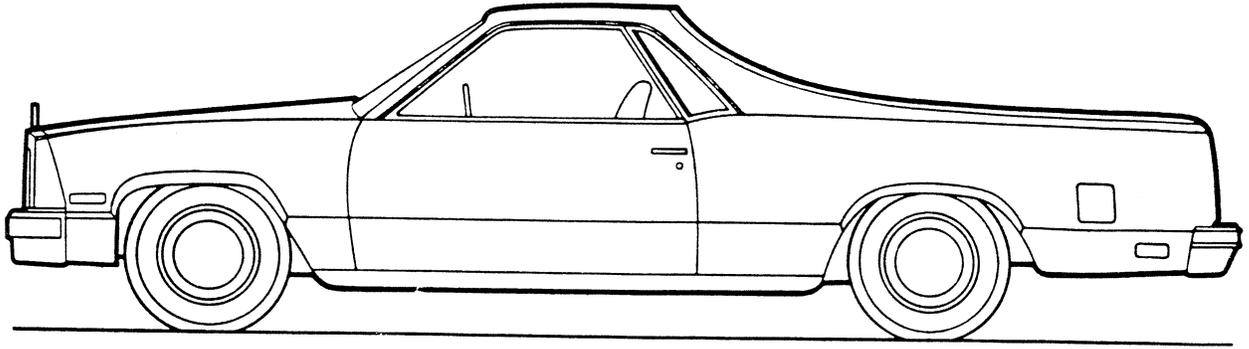


EL CAMINO/CABALLERO**EL CAMINO/CABALLERO MODEL SELECTOR**

MODEL NAME	MODEL NUMBER	BODY ORDERING CODE	RPO NUMBER
EL CAMINO/ CABALLERO	1GW80	—	—
CONQUISTA/ AMARILLO	1GW80	—	D91
SUPER SPORT (EL CAMINO ONLY)	1GW80	Z15	—
DIABLO (CABALLERO ONLY)	1GW80	YE7	—
ROYAL KNIGHT (EL CAMINO ONLY)	1GW80	Z15	Z16

EL CAMINO/CABALLERO

STANDARD SPECIFICATIONS

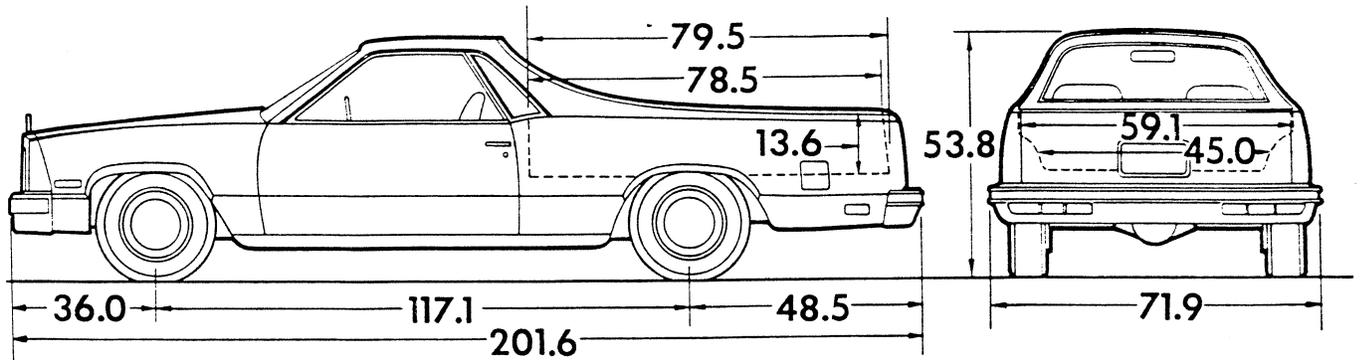
(See Gray Tab Section for Specification Details)

Engine Base Equip. Air Filter Oil Filter Exhaust System Emission Control Systems	3.8 Liter, 229 2-bbl. V6 ■ Oiled-paper Throwaway Type; .43 qt. Single, steel; Stainless/Aluminized Meet Government Requirements
Suspension, Front Springs @ Ground—Range* Shock Absorbers	Independent; Coil Springs 952/1287 lb. ea. 1" dia.
Suspension, Rear Axle ratio Springs @ Ground—Range* Shock Absorbers	Hypoid; Coil Springs 2.41 1199/1400 lb. ea. 1" dia.; Air Booster Type
Brakes Front Rear Parking	Hydraulic; Self-adjusting; Power Assisted Disc; 10.5" Rotor Drum; 9.5" x 2" Cable to Rear Wheels
Electrical Battery—Freedom II Type —Reserve Capacity Delcotron Generator	12 Volt; Negative Ground Cold Cranking Amps—355 @ 0°F. 70 min. @ 80°F. 37 amp.
Frame	Carbon Steel; Perimeter Type
Fuel Tank (nominal capacity)	17.7 gal.
Steering Gear Type Linkage	Power Assist; Recirculating Ball Parallelogram
Transmission Shift Location	3-Speed Automatic Steering Column
Tires	(5) P205/75R-14 Steel Belted Radial
Wheels	(5) Disc; 14" x 6"

■ Standard engine not available for registration in the State of California; see Power Team chart.

*The capacity of front and rear springs actually installed is dependent on the computed weight of the vehicle with optional equipment as ordered.

EL CAMINO/CABALLERO



Model	Engine No. Cyl.	Curb Weight (lb)			Model Weight (lb)*			Ground Clearance (in.)*	
		Front	Rear	Total	Front	Rear	Total	Front	Rear
1GW80	6	1899	1433	3332	2126	1656	3782	6.9	6.9
1GW80 With Z15/YE7	6	1903	1434	3337	2129	1658	3787		

*Dimensions with standard equipment, unloaded.

*Model Weight includes Curb Weight plus occupants (standard seating capacity x 150 lb). Total Model Weight may vary as much as ± 50 lbs. to allow for production build variation.

GVWR SELECTOR

*Engine	*GVW Range (lb)	†GAWR (lb)		Minimum Equipment Required for GVW Range		
		*Front	*Rear	Tires, Front	Tires, Rear	*Chassis Equipment
6	4581 to 4818	2081 to 2220	2500 to 2598	P205/75R-14	P205/75R-14	Standard

†GAWR – Gross Axle Weight Rating.

*The higher ranges shown for GVWR and GAWR, front and rear, reflect capacities of springs which will be installed based on the computed curb weight of the vehicle with optional equipment, passengers and cargo.

EL CAMINO/CABALLERO

POWER TEAMS

ALL STATES EXCEPT CALIFORNIA

ENGINE OPTION CONDITION	AXLE RATIO			
	2.29	2.41	2.73	3.08
WITH NA5 STANDARD EMISSIONS				
*LC3	—	Std	—	—
*LG4	—	Std	—	G92
LF9	Std	—	G92	—
WITH NA6 HIGH ALTITUDE EMISSIONS				
LC3	—	—	G84	—
LF9	Std	—	G92	—

*Satisfies High Altitude Emission Requirements

CALIFORNIA ONLY

ENGINE OPTION CONDITION	AXLE RATIO			
	2.29	2.41	2.73	3.08
WITH YF5 CALIFORNIA EMISSIONS				
LD5	—	—	Std	—
LG4	—	Std	—	G92
LF9	Std	—	G92	—

ENGINE RATINGS

ALL STATES EXCEPT CALIFORNIA

SAE Net Ratings	LC3 3.8 Liter 229 2-bbl V6★	LG4 5.0 Liter 305 4-bbl V8★	LF9 5.7 Liter 350 V8 Diesel★
Net Horsepower	110 @ 4000 rpm	145 @ 4000 rpm	105 @ 3200 rpm
Net Torque, lb-ft	190 @ 1600 rpm	240 @ 1600 rpm	200 @ 1600 rpm

★Light Duty Emissions

CALIFORNIA ONLY

SAE Net Ratings	LD5 3.8 Liter 231 2-bbl V6★	LG4 5.0 Liter 305 4-bbl V8★	LF9 5.7 Liter 350 V8 Diesel★
Net Horsepower	110 @ 3800 rpm	145 @ 4000 rpm	105 @ 3200 rpm
Net Torque, lb-ft	190 @ 1600 rpm	240 @ 1600 rpm	200 @ 1600 rpm

★Light Duty Emissions

EL CAMINO/CABALLERO

1983 VEHICLES WITH STANDARD EQUIPMENT

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

Description	Model Number	Body Code	Wheel Base	Factory D&H(a)	List Price	Mfr's Suggested Retail Price★	Group Number
◆ 6-Cylinder 3.8 Liter 2 BBL V6 Engine-Engine Ordering Code LC3							
El Camino/Caballero 3-Passenger	1GW80		117.1"	11.70	8179.00	8190.70	6
El Camino Super Sport 3-Passenger (Chevrolet only) Caballero Diablo	1GW80	Z15	117.1"	11.70	8433.00	8444.70	6
3-Passenger (GMC only)	1GW80	YE7	117.1"	11.70	8433.00	8444.70	6

★ 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 Power Team Chart for California Emission Certification Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY GENERAL MOTORS

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

Description	Option Number	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
Conquista/Amarillo: (See Conquista/Amarillo Interior and Exterior Color Selection Chart for interior and exterior color availability and ordering information). Not available when Z15 Super Sport/YE7 Diablo is specified. Includes BX8 Front Fender, Body Side and Tailgate Moldings. Includes Special Two-Tone Paint	D91	N.A.	189.00	189.00
Royal Knight: (Chevrolet only). (See Interior and Exterior Color Selection Chart for availability and ordering information) Not available when D91 Conquista, N95 Wheel Covers, BW2 or BX8 Moldings are specified.	Z16	N.A.	84.00	84.00
Seat Trim: (See Interior and Exterior Color Selection Chart for availability and ordering information).				
C**1 Cloth Bench			NO ADDITIONAL CHARGE	
C**3 Cloth 55/45		N.A.	133.00	133.00
V**1 Vinyl Bench		N.A.	28.00	28.00
V**3 Vinyl 55/45		N.A.	161.00	161.00
F**1 Custom Cloth CL Bench		N.A.	258.00	258.00
Paints, Exterior: Solid. (See Interior and Exterior Color Selection Chart for ordering information)			NO ADDITIONAL CHARGE	
Emission Systems: Dealer Note - One of the following emission options must be specified. (See Power Teams Chart for availability and specifications) California Emission Requirements. Includes all testing, equipment and/or certification necessary for registration in the State of California				
Without Diesel Engine	YF5	N.A.	75.00	75.00
With Diesel Engine	YF5	N.A.	215.00	215.00
High Altitude Emission Equipment	NA6		NO ADDITIONAL CHARGE	
Standard Emission Equipment	NA5		NO ADDITIONAL CHARGE	
Engines: (See Power Teams Chart for availability and specifications).				
3.8 Liter 2 BBL V6	LC3		NO ADDITIONAL CHARGE	
3.8 Liter 2 BBL V6. Available only when YF5 California Emissions is specified	LD5		NO ADDITIONAL CHARGE	
5.0 Liter 4 BBL V8	LG4	N.A.	225.00	225.00
5.7 Liter V8 Diesel	LF9	N.A.	700.00	700.00
Transmission: 3-Speed Automatic	MX1		NO ADDITIONAL CHARGE	
Axles, Rear: (See Power Team Chart for availability).				
Limited Slip Differential	G80	N.A.	95.00	95.00
High Altitude Ratio. Available only when NA6 High Altitude Emission Equipment and LC3 3.8 Liter Engine is specified	G84		NO ADDITIONAL CHARGE	
Performance Ratio	G92	N.A.	21.00	21.00
Tires:				
P205/75R-14 Highway Steel Belted Radial Ply Blackwall (Standard)	QXX		NO ADDITIONAL CHARGE	
P205/75R-14 Highway Steel Belted Radial Ply White Stripe	QVT	N.C.	93.00	83.00
P205/75R-14 Highway Steel Belted Radial Ply White Lettered	QXZ	N.C.	111.00	111.00

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

◇ State and local taxes not included.

EL CAMINO/CABALLERO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY GENERAL MOTORS

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

Description	Option Number	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS				
Air Conditioning: Includes increased cooling.....	C60	N.A.	725.00	725.00
Battery: Heavy-Duty. Included when V10 Cold-Climate Package is specified				
Without Diesel Engine	UA1	N.A.	25.00	25.00
With Diesel Engine	UA1	N.A.	50.00	50.00
Bumper Equipment:				
<i>Bumper Rub Strips.</i> Front and Rear. Includes black resilient impact strips	VE5	N.A.	50.00	50.00
<i>Guards, Bumper.</i> Front and Rear	V30	N.A.	56.00	56.00
Clock: Quartz Electric. Included when UF7 Gage Package or U14 Instrumentation is specified.....	U35	N.A.	35.00	35.00
Cold-Climate Package: Available only when LF9 5.7 Liter Diesel Engine is specified. Includes UA1 H.D. Battery and K05 Engine Block Heater.....	V10	N.A.	99.00	99.00
Cooling, Heavy-Duty:				
Without C60 Air Conditioning	V08	N.A.	70.00	70.00
With C60 Air Conditioning.....	V08	N.A.	40.00	40.00
Door Lock System, Power: Electric.....	AU3	N.A.	120.00	120.00
Floor Covering: Mats, Color-Keyed Floor. Two front.....	B32	N.A.	16.00	16.00
Gage Package With Trip Odometer: Includes voltmeter, temperature and oil pressure gages and U35 Quartz Electric Clock mounted on instrument panel. Not available when U14 Instrumentation or LF9 5.7 Liter Diesel Engine is specified.....	UF7	N.A.	111.00	111.00
Glass: Tinted. All windows.....	A01	N.A.	105.00	105.00
Headlamps, Halogen Hi-Beam	TT5	N.A.	10.00	10.00
Heater, Engine Block: Included with V10 Cold-Climate Package.....	K05	N.A.	20.00	20.00
Instrumentation: Special. Includes tachometer and voltmeter, temperature and oil pressure gages, U35 Quartz Electric Clock and Trip Odometer. Not available when UF7 Gage Package or LF9 5.7 Liter Diesel Engine is specified ..	U14	N.A.	194.00	194.00
Lighting, Auxiliary: Includes headlamp warning buzzer and underhood lights.....	TR9	N.A.	20.00	20.00
Mirrors:				
<i>Outside Rearview, LH Remote.</i> Not available when Z15 Super Sport/YE7 Diablo is specified	D33	N.A.	22.00	22.00
<i>Sport, LH Remote and RH Manual.</i> Included when Z15 Super Sport/YE7 Diablo is specified	D35	N.A.	59.00	59.00
Moldings:				
<i>Body Side, Deluxe.</i> Black color molding only. Not available when Z15 Super Sport/YE7 Diablo or D91 Conquista/Amarillo is specified	BW2	N.A.	57.00	57.00
<i>Door Edge Guards</i>	B93	N.A.	15.00	15.00
<i>Front Fender, Body Side and Tailgate.</i> Not available when Z15 Super Sport/YE7 Diablo, Z16 Royal Knight or BW2 Deluxe Body Side Moldings is specified. Included when D91 Conquista/Amarillo is specified	BX8	N.A.	58.00	58.00
Preliminary Price Information	B3W	N.A.	N.A.	N.A.
Radio Equipment:				
<i>AM Radio</i>	U63	N.A.	112.00	112.00
<i>AM/FM Radio</i>	U69	N.A.	171.00	171.00
<i>AM/FM Stereo Radio</i>	U58	N.A.	198.00	198.00
<i>AM/FM Stereo Radio with Stereo Cassette Tape</i>	UN3	N.A.	298.00	298.00
<i>Fixed Mast Antenna.</i> Included when U63, U69, U58 or UN3 Radio is specified	U73	N.A.	41.00	41.00
Rails, Cargo Box Side	D73	N.A.	91.00	91.00
Speed Control, Automatic: <i>With resume speed</i>	K35	N.A.	170.00	170.00
Steering Wheel: Comfortilt	N33	N.A.	105.00	105.00
Suspension Sport. Not available when LF9 5.7 Liter Diesel Engine is specified	F41	N.A.	15.00	15.00
Tank, Fuel: 22 gallons. Not available when LF9 5.7 Liter Diesel Engine is specified.....	N23	N.A.	26.00	26.00
Tie-Downs, Cargo Box	AV3	N.A.	24.00	24.00

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

NOTES

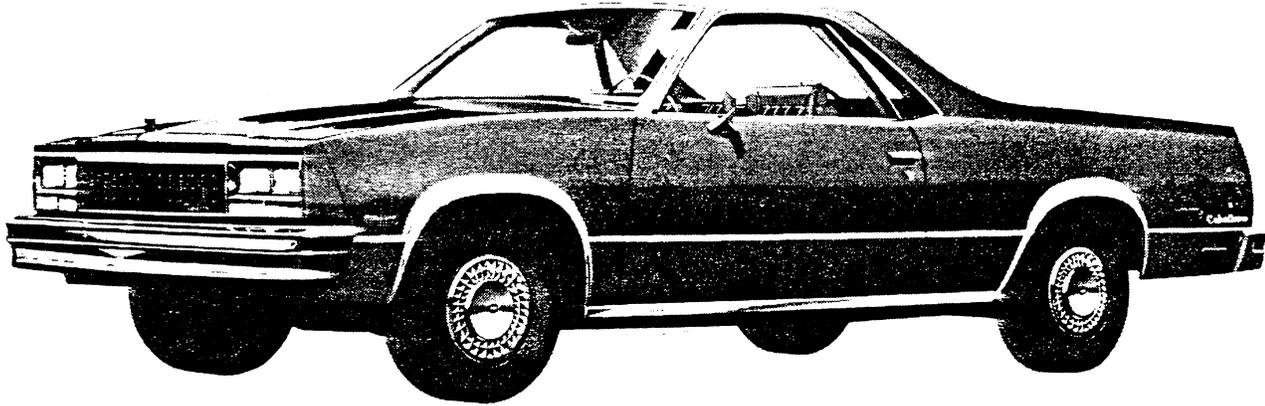
EL CAMINO/CABALLERO

CAB & BODY FEATURES COLOR & TRIM CHARTS TWO-TONES

EL CAMINO/CABALLERO

STANDARD MODEL

The Standard model includes the following items as standard equipment.



EXTERIOR

• **Bright Appearance Items:**

"CHEVROLET/GMC" letters in lower LH corner of grille
Chevrolet Bow Tie/GMC Shield emblem at center of grille
header panel and in center of wheel covers
"El Camino/Caballero" nameplates: Sides of rear fenders
Chrome front and rear bumpers
Door lock cylinders
Door lock handles
Grille and moldings
Headlight bezels
Headlamp and parking lamp moldings
LH side rearview mirror
License pocket moldings
Upper pickup box, rear sail panel and rear roof moldings
Quarter window moldings
Rocker panel moldings
Roof drip moldings
Side door belt bead moldings
Wheel covers
Wheel opening moldings
Windshield and back window reveal moldings

• **Color:** See Interior and Exterior Color Selection Chart

• **Door Opening and Locking Methods:**

Side doors; lift bar latch release with key lock cylinder
Tailgate; single pivot handle on inside surface of tailgate, double latch

• **Doors:** RH and LH side doors and tailgate

• **Glass:** Windshield, drop glass in each side door. Fixed side quarter windows, and back glass

• **Grille:** Plastic construction; chrome plated

• **Horn:** Dual note

• **Lights:**

Combination parking/direction. Two front; dual lens
Combination tail/stop/direction and backup, mounted in bumper
Headlights. Dual rectangular, RH and LH
License plate. Single rear
Side marker and reflectors. 2 rear, quarter panel mounted;
2 front fender mounted

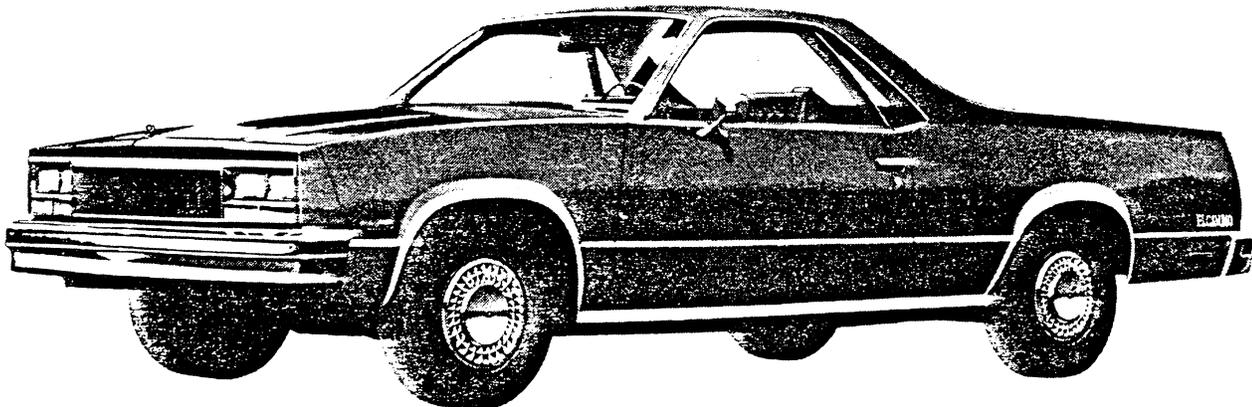
• **Mirror:** LH chrome fixed arm with rectangular head

• **Side Door Beams:** Steel beam running full width inside each side door

• **Tools:** Mechanical jack; wheel wrench

• **Wheels:** 14" x 6"; 5 bolt, 4 $\frac{3}{4}$ " bolt circle

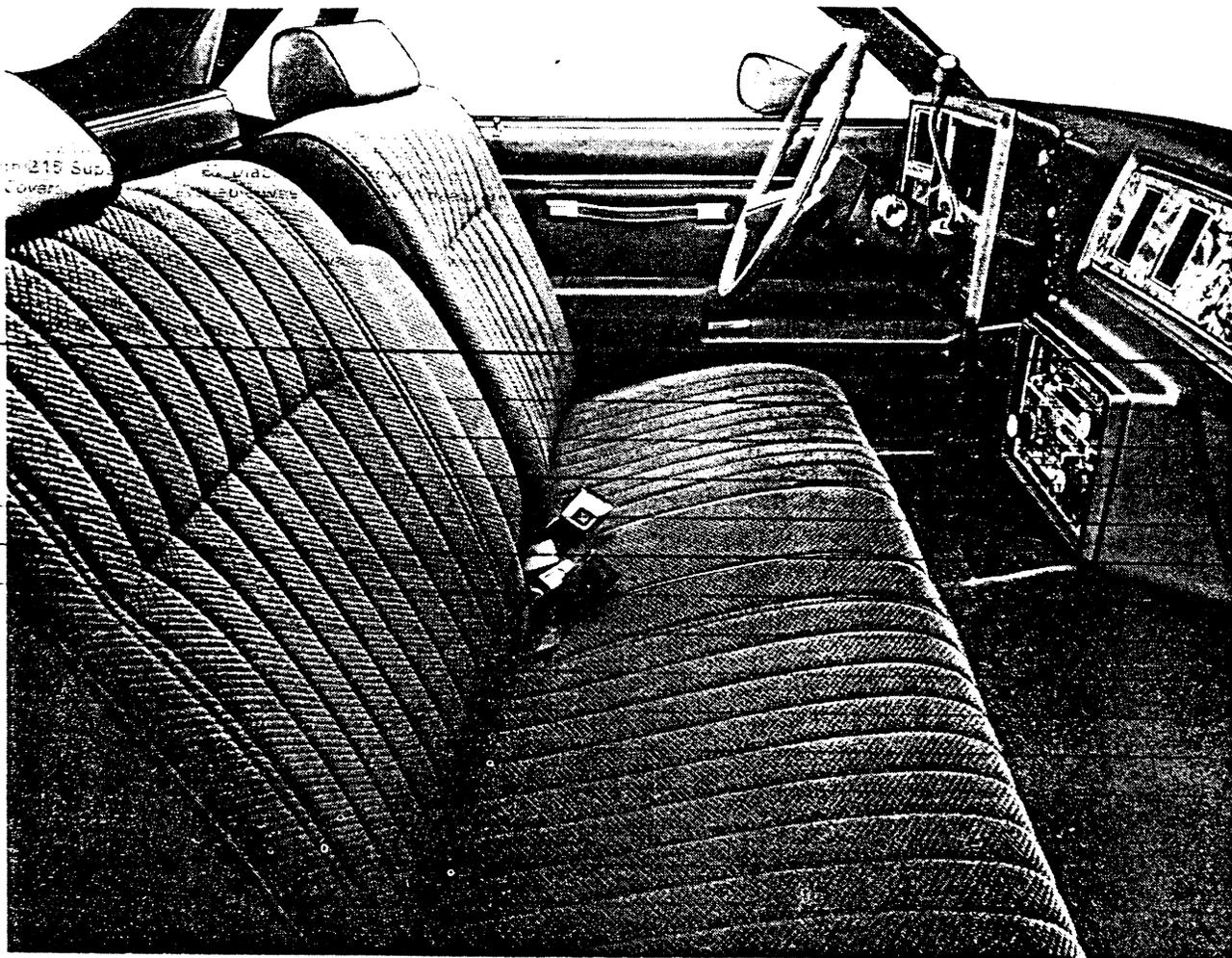
• **Windshield Wipers and Washers:** Electric; 2-speed wipers
Hide-A-Way blades and arms



EL CAMINO/CABALLERO

STANDARD MODEL

The Standard model includes the following items as standard equipment.



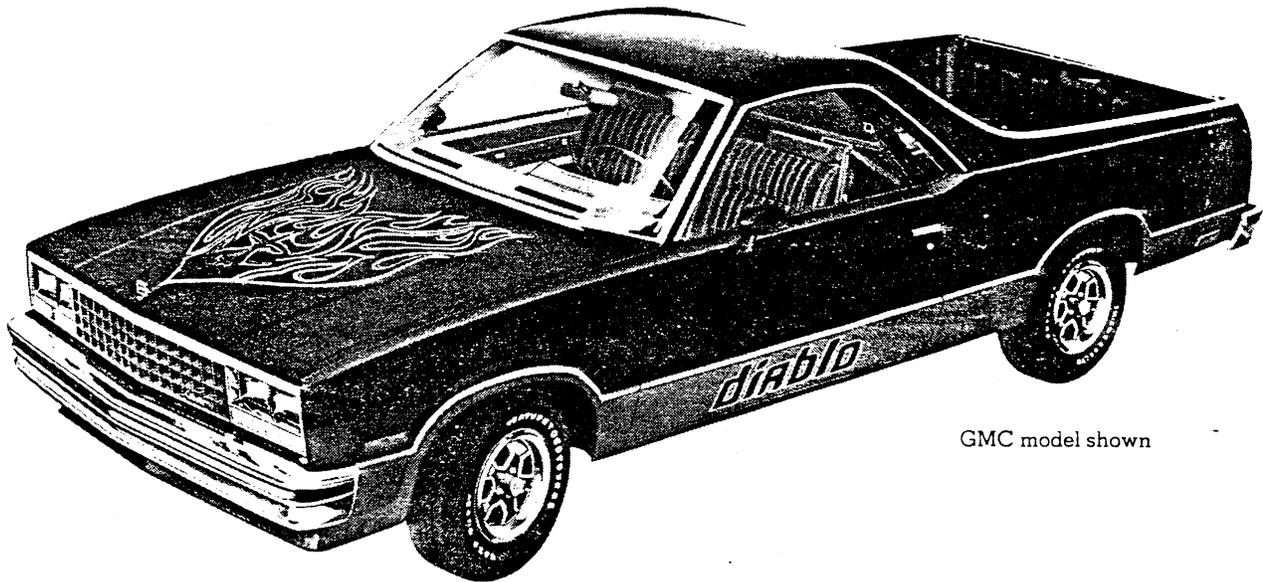
INTERIOR

- **Air Vents:** RH and LH cowl side; individually controlled (not with air conditioning)
- **Armrests:** RH and LH full padding
- **Ashtray:** Lighted
- **Audible Warning:** Ignition key removal warning; activated by opening side door with key in switch; driver's seat belt unattached warning
- **Carpeting:** Color-keyed nylon cut pile
- **Cigarette Lighter**
- **Colors, Interior:**
See Interior Color Selection Charts
- **Courtesy Light Switches:** Door-actuated
- **Door Locks:** Inside; bright pushbutton lock/release
- **Door Seals:** Closed-cell-type rubber
- **Flow-through Ventilation System**
- **Glove Compartment:** Lighted; with lock
- **Headliner:** Cloth over foam padding
- **Heater and Defroster:** Deluxe-air
- **Instruments:**
Gages: Speedometer; odometer and fuel
Switches: Exterior lights, instrument lights, dome light, wiper-washer (column operated), headlight beam (column operated), ignition, directional signal with lane change position, hazard warning and heater. Pictured symbols for heater/AC fan, defroster, hazard warning control, wiper/washer, light switch and rear window defogger
Warning Lights: Generator, oil pressure, engine temperature, brake warning, seat belt, direction signals and high beam
- **Instrument Panel:** Fiberglass filled plastic; energy absorbing with simulated leather rectangular applique and nameplate
- **Instrument Panel Knobs:** Black; aluminum faced
- **Insulation and Sound Deadening:** Dash (firewall), under floor mat and other strategic points
- **Interior Lights:** Instrument and dome operated by main light switch
- **Mirror, Rearview:** Inside, 10" wide, day-night type
- **Scuff Plates:** Side door opening protection and floor mat retainer
- **Seat:** Full width, choice of 1) cloth or 2) textured all-vinyl trim (at extra cost), includes center armrest
- **Seat and Shoulder Belts:** 3 sets of seat belts; 2 shoulder belts in outboard positions; includes warning light and audible warning for driver's seating position
- **Spare Tire and Carrier:** Stored horizontally behind seat on passenger side; includes easy-out extractor
- **Steering Lock:** Column-mounted combination ignition switch, transmission lock, steering lock and accessory switch
- **Steering Wheel:** Color-keyed grained plastic; soft rim with simulated leather insert. "Chevrolet" bow tie/"GMC" letters on leather-like center shroud; energy absorbing, locking column
- **Sunshades:** RH and LH padded; cloth covered
- **Trim Panels:** Cloth/vinyl door trim panels with pull straps and bright trim, vinyl-coated cowl side panels and cloth/foam padded headliner
- **Window Regulator Knobs:** Clear plastic
- **Windshield Pillar Moldings:** Color-keyed

EL CAMINO/CABALLERO

EL CAMINO SUPER SPORT—Z15/CABALLERO DIABLO MODEL—YE9

The Super Sport/Diablo models include all items listed for the Standard model plus the following additions or substitutions.



GMC model shown

EXTERIOR

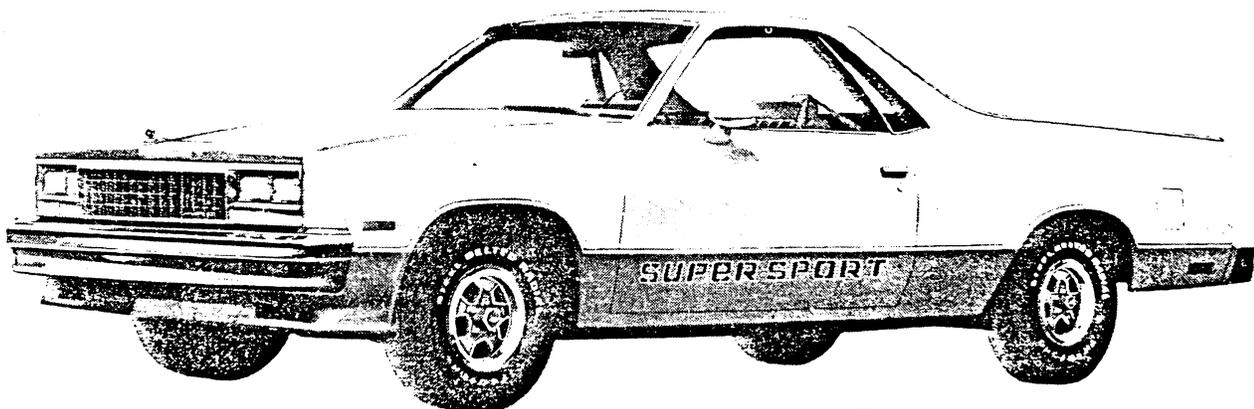
- **Bright Appearance Items:**
Delete wheel opening and rocker panel moldings
Caballero nameplate on rear fender
- **Front Air Dam:** Painted lower body color
- **Mirrors:** Sport type. LH and RH, painted upper body color
- **Ornamentation:** "Super Sport/Diablo" decals on lower portion of doors and on tailgate. Vinyl pinstriping decal to cover paint

break lines. GMC Caballero model only: large devil head decal on top of hood

- **Quarter Window Moldings:** Black
- **Paint:** Accent paint color on lower body
- **Rally Wheels:** Gray and silver accents; includes bright trim ring.

INTERIOR

- **Ornamentation:** "Super Sport/Diablo" nameplate on instrument panel above glove compartment door

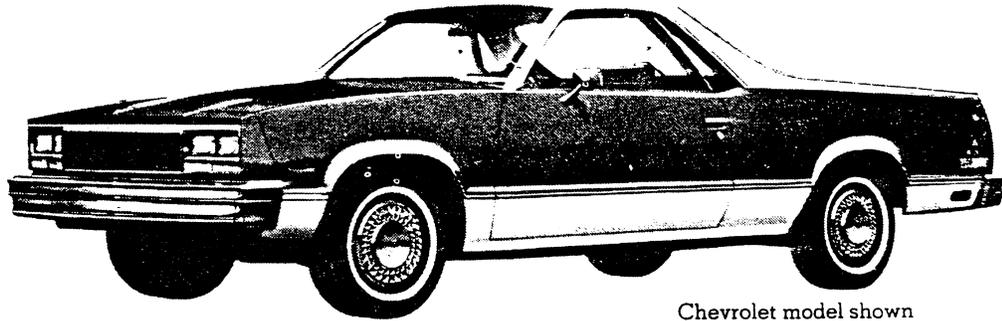


Chevrolet model shown

EL CAMINO/CABALLERO

EL CAMINO/CABALLERO WITH CONQUISTA/AMARILLO OPTION—RPO D91

This option includes all items listed for the standard model plus the following additions or substitutions.



Chevrolet model shown



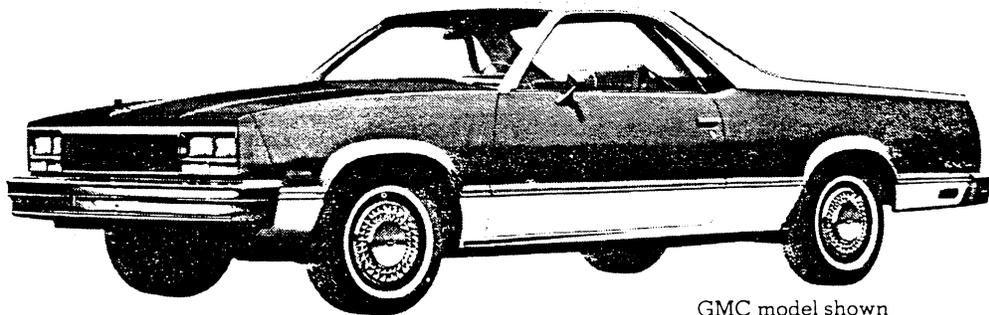
EXTERIOR

- Bright paint break moldings on front fenders, bodysides, tailgate and sides of pickup box
- "Conquista/Amarillo" decal on RH upper portion of tailgate

- Special two-tone paint

INTERIOR

- "Conquista/Amarillo" nameplate on instrument panel above glove compartment door



GMC model shown

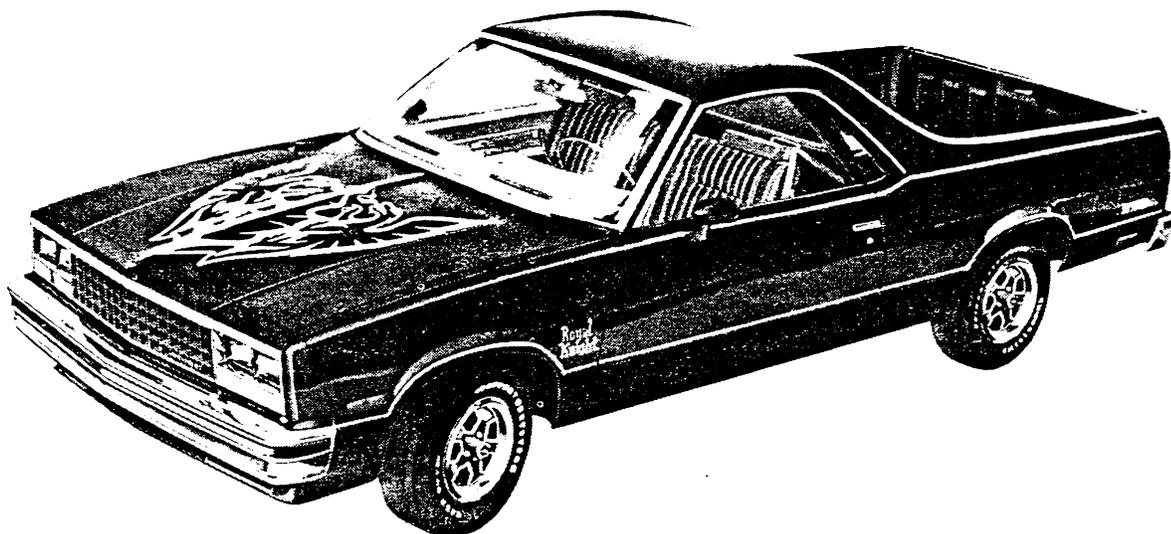


EL CAMINO

EL CAMINO SUPER SPORT WITH ROYAL KNIGHT OPTION—RPO Z16

NOT AVAILABLE ON GMC CABALLERO MODEL

This option includes all items listed for the Super Sport model plus the following additions or substitutions.



EXTERIOR

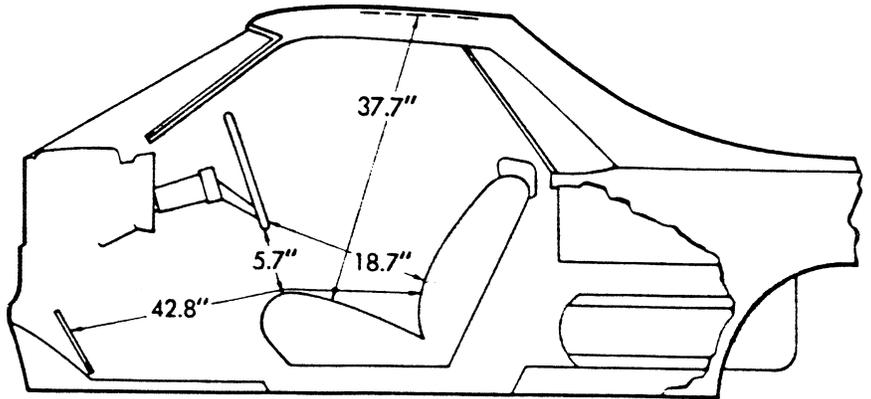
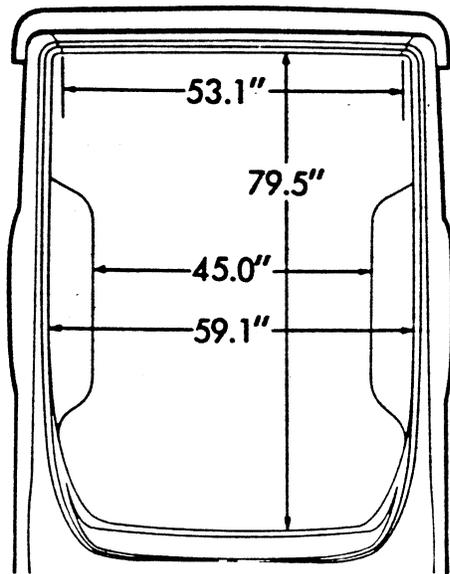
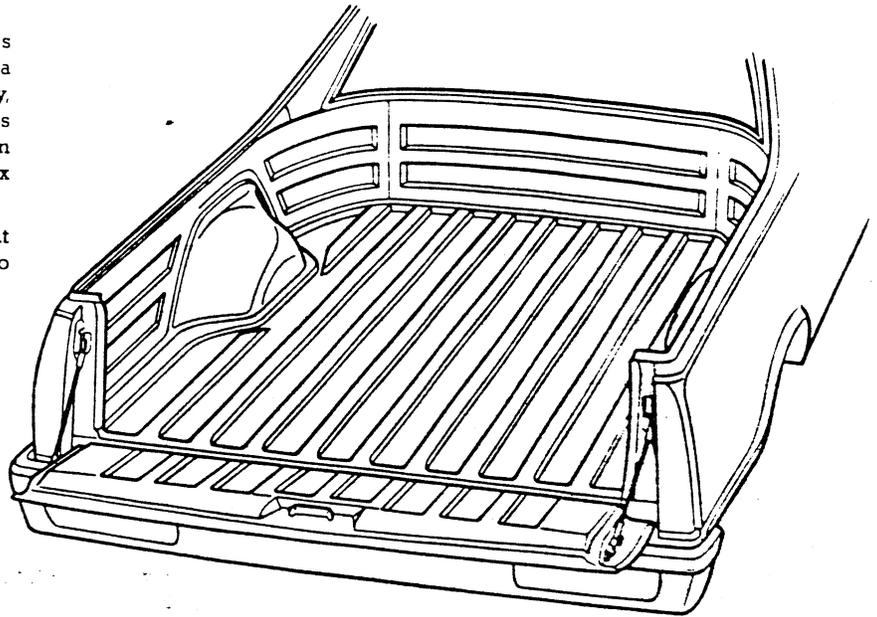
- **Special side striping on front fenders, bodysides, tailgate and sides of pickup box color-keyed to exterior color choice.**
- **Single-tone exterior color**
- **Large, bold hood decal**
- **"Royal Knight" decal on front fenders and tailgate**

EL CAMINO/CABALLERO

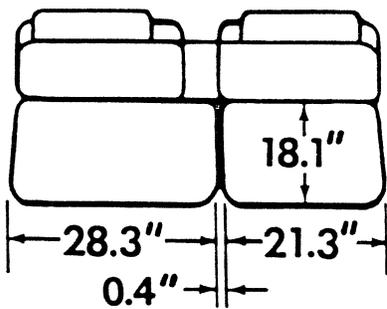
DIMENSIONS

The El Camino/Caballero pickup box features double-wall construction on the side panels and a ribbed all-steel floor. The tailgate, featuring easy, one-hand operation and grain-tight seal, also has double-wall construction and forms a continuation of the ribbed floor when lowered. The pickup box has a capacity of approximately 35.5 cubic feet.

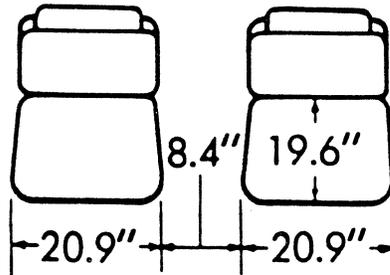
All El Camino/Caballero models have a bright metal molding at the top of the box and tailgate to prevent paint chipping when loading or unloading.



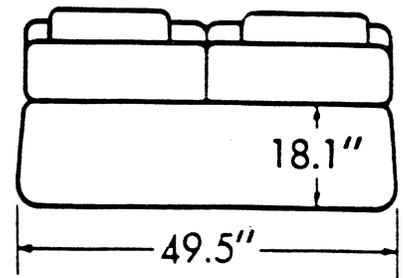
CAB DIMENSIONS*



55/45 SEAT W/ARMREST



BUCKET SEAT



BENCH SEAT

*All interior dimensions measured with seat in rear position.

EL CAMINO/CABALLERO

INTERIOR AND EXTERIOR COLOR AVAILABILITY CHARTS

Please Note: The exterior and interior combinations shown in the charts below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A) are attractive, but less desirable than the recommended combinations.

COLOR AND TRIM SELECTION

INTERIOR TRIM COLOR		Dk. Blue	Dk. Brown	Fern	Maroon	Sand Gray
MODEL	SEAT TYPE					
1GW80	Cloth Bench	CDD1	CEE1	CGG1	CFF1	COQ1
	Cloth 55/45	CDD3	CEE3	CGG3	CFF3	COQ3
	Vinyl Bench	VDD1	VEE1		VFF1	VQQ1
	Vinyl 55/45	VDD3	VEE3		VFF3	VQQ3
	Custom Cloth Bench (CL)	FDD1	FEE1	FGG1	FFF1	FQQ1

WITH D91 CONQUISTA/AMARILLO (D60 Non-Recommended Color Combination not permitted.)

ROOF AND LOWER BODY COLOR	Color Code		#HOOD AND CENTER BODY COLOR						
	L	U							
Blue, Light (Metallic)	22	22	Dark Blue (Metallic)	27M	R				
Brown, Light (Metallic)	62	62	Dark Brown (Metallic)	67M		R			
Fern, Light (Metallic)	42	42	Dark Fern (Metallic)	48M			R		
Maroon, Light (Metallic)	73	73	Maroon (Metallic)	78M				R	
Silver (Metallic)	15	15	Black	19M					R
White	11	11	Dark Blue (Metallic)	27M	R				

L—Lower U—Upper =Must be Ordered.

WITH Z15 SUPER SPORT (Chevrolet Only) or YE7 DIABLO (GMC Only) (D60 Non-Recommended Color Combination not permitted.)

EXTERIOR PAINT COLOR	Color Code		#LOWER PAINT ACCENT COLOR	*DECAL COLOR SCHEME					
	L	U							
Blue, Light (Metallic)	22	22	Dark Blue (Metallic)	27M	Blue	R			
Brown, Light (Metallic)	62	62	Dark Brown (Metallic)	67M	Brown		R		
Fern, Light (Metallic)	42	42	Dark Fern (Metallic)	48M	Fern			R	
Maroon, Light (Metallic)	73	73	Maroon (Metallic)	78M				R	
White	11	11	Maroon (Metallic)	78M	Maroon			R	
White	11	11	Silver (Metallic)	15M	Charcoal				R

*Color determined by Exterior Color, Lower Accent Color and Interior Trim Combination.
L—Lower U—Upper =Must be Ordered.

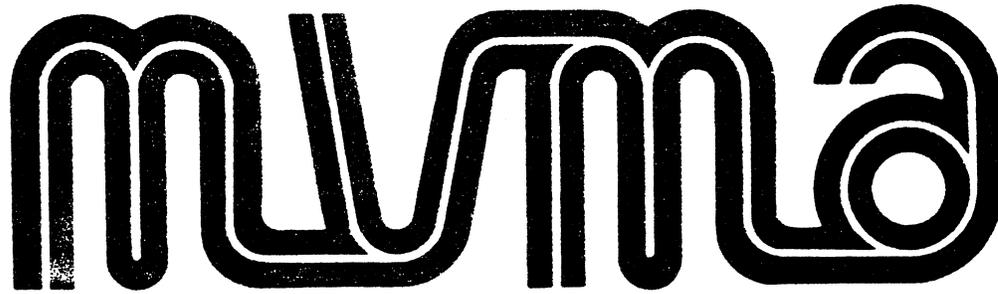
WITH Z16 ROYAL KNIGHT (Chevrolet Only) (D60 Non-Recommended Color Combination not permitted.)

EXTERIOR PAINT COLOR	Color Code		*DECAL COLOR SCHEME					
	L	U						
Black	19	19	Charcoal				R	R
Blue, Dark (Metallic)	27	27	Blue	R				
Blue, Light (Metallic)	22	22	Blue	R				
Brown, Dark (Metallic)	67	67	Brown		R			
Brown, Light (Metallic)	62	62	Brown			R		
Fern, Dark (Metallic)	48	48	Fern			R		
Fern, Light (Metallic)	42	42	Fern			R		
Maroon, Light (Metallic)	73	73	Maroon				R	
Maroon (Metallic)	78	78	Maroon				R	
Silver (Metallic)	15	15	Charcoal				R	R
White	11	11	Brown		R			
White	11	11	Charcoal	R		R	R	R

*Color determined by Exterior Color, and Interior Trim Combination.
L—Lower U—Upper.

WITHOUT D91, Z15, Z16 or YE7 For Special Paint Applications Please Contact the Zone Office. (D60 Non-Recommended Color Combination is permitted.)

EXTERIOR PAINT COLOR	Color Code						
	L	U					
Beige	59	59		R		A	
Black	19	19				R	R
Blue, Dark (Metallic)	27	27	R				
Blue, Light (Metallic)	22	22	R				
Brown, Dark (Metallic)	67	67		R			
Brown, Light (Metallic)	62	62			R		
Fern, Dark (Metallic)	48	48			R		
Fern, Light (Metallic)	42	42			R		
Maroon, Light (Metallic)	73	73				R	R
Maroon (Metallic)	78	78				R	A
Silver (Metallic)	15	15	A			R	R
White	11	11	R	R	R	R	R



Specifications

Form

Passenger Car

1983

METRIC (U.S. Customary)

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

Revised sheets- 3A, 4, 4A, 5, 5A, 8, 8A, 11, 11A, 17, 21, 23
The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown above. This specification form was developed by automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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

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

Table of Contents

1	Car Models
2	Power Teams
3-6	Engine
4	Lubrication System
4	Diesel Information
5	Fuel System
6	Cooling System
7	Vehicle Emission Control
7	Exhaust System
8, 9	Electrical
10-12	Transmission, Axles and Shafts
13	Tires and Wheels
13, 14	Brakes
15, 16	Steering
17	Suspension — Front and Rear
18	Body — Miscellaneous Information
18	Passive Restraint System
18	Frame
19	Convenience Equipment
20	Feature Highlights
21	Vehicle Mass (Weight)
22	Optional Equipment Mass (Weight)
23-25	Car and Body Dimensions
26	Vehicle Fiducial Marks
27	Glass/Lamps and Headlamp
28-32	Car and Body Dimension Key Sheets
33	Index

NOTE:

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

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

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

Car Models

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

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

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

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

Power Teams (Indicate whether standard or optional)

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

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

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

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

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

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

ENGINE - GENERAL

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

Engine - Pistons

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

Engine - Camshaft

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

ENGINE - GENERAL

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

Engine - Pistons

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

Engine - Camshaft

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

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

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

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

Aluminum Intake

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Valve System

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

Engine - Connecting Rods

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

Engine - Crankshaft

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

Engine - Lubrication System

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

Engine - Diesel Information

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

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Valve System

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

Engine - Connecting Rods

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

Engine - Crankshaft

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

Engine - Lubrication System

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

Engine - Diesel Information

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

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

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

Engine Description/Carb.
 Engine Code

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

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

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

Fuel Tank

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

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

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

Engine Description/Carb.
 Engine Code

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

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

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

Fuel Tank

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

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Cooling System

Coolant recovery system (std., opt. n.a.)		Standard			
Coolant fill location (rad., bottle)		Bottle			
Radiator cap relief valve pressure [kPa (psi)]		103.4 (15.0)			
Circulation thermostat	Type (choke, bypass)	Choke			
	Starts to open at °C (°F)	91 (195)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	14	-	14	
	Number of pumps	One			
	Drive (V-belt, other)	V-Belt			
	Bearing (type)	Sealed, double row ball			
By-pass recirculation (type (inter., ext.))		Internal	External	Internal	
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow			
Cooling system capacity	With heater—L(qt.)	14.32 (15.14)	11.73 (12.40)	15.53 (16.42)	
	With air cond.—L(qt.)	14.45 (15.27)	-	15.03 (15.89)	
	Opt. equipment (specify—L(qt.))	14.55 (15.38)	-	15.13 (15.99)	
Water jackets full length of cyl. (yes, no)		Yes	H.D. Radiator	H.D. Radiator	
Water all around cylinder (yes, no)		Yes			
Radiator core	Standard	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	5.0	1.4	5.6
	A/C	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	6.2	4.5	7.3
	Heavy duty	Width	528.3 (20.8)	668.0 (26.3)	
		Height	431.0 (16.97)	429.7 (16.84)	
		Thickness	31.5 (1.24)	25.0 (.98)	
		Fins per inch	6.2	5.0	7.3
Fan (standard)	Number of blades & type (flex, solid, material)		4, staggered	5, staggered	4, staggered
	Diameter & projected width		483 (19.0)	508 (20.0)	483 (19.0)
	Ratio (fan to crankshaft rev.)				
	Fan cutout type		None	Clutch	None
	Drive (type (direct, remote))		V-belt-one		
	Fan shroud (material)				
Fan (electric)	Diameter & projected width				
	RPM at idle				
	Motor rating (wattage)				
	Motor switch (type & location)				
	Switch point (temp., pressure)				
Fan shroud (material)					
Fan (optional)	No. of blades and spacing		5, staggered		
	Diameter & projected width		483 (19.0)	508 (20.0)	
	Ratio (fan to crankshaft rev.)				
	Fan cut-out (type)		Clutch		
	Drive (type, direct, remote)		V-belt-one		

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Cooling System

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Engine - Exhaust System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Vehicle Emission Control

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

Engine - Exhaust System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Electrical - Starting System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Electrical - Supply System

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

Electrical - Starting System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Electrical - Suppression

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

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

*Station wagon 5931 (919.5)

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

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

Engine Description/Carb.
 Engine Code

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

Electrical - Ignition System

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

Electrical - Suppression

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

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

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

*Station wagon 5931 (919.5)

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

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

Engine Description/Carb.
 Engine Code

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

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

Manual Transmission

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

Clutch (Manual Transmission)

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

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

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

Engine Description/Carb.
 Engine Code

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

Transmissions

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

Manual Transmission

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

Clutch (Manual Transmission)

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Axle or Front Wheel Drive Unit

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Automatic Transmission (See "Power Teams" for Transmission Usage)

Trade name		3-speed automatic	
Type (describe)		Torque converter with planetary gears '200c' '350c'	
Selector	Location	Standard-steering column	
	Ltr./No designation	P-R-N-D-2-1	
Gear ratios	R	2.07	1.93
	D	1.00	1.00
	2	1.57	1.52
	1	2.74	2.52
Overdrive		Not Available	
Max upshift speed - drive range (km/h (mph))		--	
Max kickdown speed - drive range (km/h (mph))		--	
Min overdrive speed (km/h (mph))		Not Available	
Torque converter	Number of elements	3	3
	Max ratio at stall	2.15	1.9
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	298 (11.75)	
Lubricant	Capacity (refill L (pt))	2.8 (6.0)	
	Type recommended	Dexron II	
Special transmission features		Torque converter clutch, 3rd gear lock-up	

Axle or Front Wheel Drive Unit

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

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

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

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

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

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

Propeller Shaft – Conventional Drive

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

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

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

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

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID)
 FUEL INJECTION DIESEL
 RPO LT6

5.7 LITER V8 (350 CID)
 FUEL INJECTION DIESEL
 RPO LF9

Propeller Shaft – Conventional Drive

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

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

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

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

Engine Description/Carb.
 Engine Code

MONTE CARLO COUPE & MALIBU

Tires And Wheels (Standard)

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

Tires And Wheels (Optional)

Size (load range, ply)	P205/70R-14 (WW+)	P185/75R-14 WW
Type (bias, radial, etc.)	Steel belted radial	Glass belted radial
Wheel (type & material)	Rally type (RPO 7J7)	Short Spoke disc, steel
Rim (size, flange type and offset)	14 x 6 - Zero	14 x 6 - Zero
Size (load range, ply)		P195/75R-14 WW
Type (bias, radial, etc.)		Steel Belted radial
Wheel (type & material)	Cast aluminum	Short spoked disc, steel
Rim (size, flange type and offset)	14 x 6.5, - 6.35 mm (-0.25 in)	14 x 6 - Zero
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel <small>(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)</small>	Wheel-with limited slip differential-16x4, 12mm (0.50 in) offset. Tire-without limited slip differential T125/70D-15; with limited slip differential-P145/80D-16.	

Brakes - Parking

Type of control	Foot pedal-application; "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)	--

@ - Not available with sport suspension, RPO F41.

+ - Requires sport suspension, RPO F41.

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

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

Engine Description/Carb.
 Engine Code

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

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

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

Tires And Wheels (Optional)

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

Brakes - Parking

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

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

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

Body Type And/Or
 Engine Displacement

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

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

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

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

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

Body Type And/Or
 Engine Displacement

COUPE W/V-6 ENGINE	WAGON & PICKUP W/V-6 ENGINE	COUPE W/V-8 ENGINE	WAGON & PICKUP W/V-8 ENGINE
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Steering

Manual (std., opt., n.a.)		Not available					
Power (std., opt., n.a.)		Standard					
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt-universally jointed steering shaft at base of steering wheel - 6 positions					
	(Std., opt., n.a.)	Optional					
Wheel diameter	Manual	Not available					
	Power	387 (15.25)					
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	12.2 (40.0)		13.0 (42.6)		
		Curb to curb (l. & r.)	11.3 (37.1)		12.2 (40.0)		
	Inside rear	Wall to wall (l. & r.)	--				
		Curb to curb (l. & r.)	--				
Manual	Gear	Type	NOT				
		Make	--				
		Ratios	Gear	AVAILABLE			
	Overall		--				
	No. wheel turns (stop to stop)	--					
Power	Type (coaxial, linkage, etc.)	Integral gear with power piston & vane type pump					
	Make	Saginaw steering gear					
	Gear	Type	Semi-reversible recirculating ball nut				
		Ratios	Gear	15:1	15:1	16/13:1	15/13:1
			Overall	16.5:1	17.5:1	17.6:1	16.4:1
Pump (drive)	'V' Belt						
No. wheel turns (stop to stop)	3.3		3.2				
Linkage	Type	Parallelogram					
	Location (front or rear of wheels, other)	Front					
	Drag links (trans. or longit.)	None					
	Tie rods (one or two)	Two					
Steering axis	Inclination at camber (deg.)		7.86				
	Bearings (type)	Upper	Ball stud				
		Lower	Ball stud				
		Thrust	None				
Steering spindle & joint type		Forging with pad for mounting brake cylinder spherical					
Wheel spindle	Diameter	Inner bearing	31.7 (1.25)				
		Outer bearing	21.0471-21.4274 (01.83-0.84)				
	Thread (size)	3/4-20 UNEF-3A (modified)					
	Bearing (type)	Tapered roller					

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

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

Body Type And/Or
 Engine Displacement

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

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

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

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

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

Body Type And/Or
 Engine Displacement

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

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

Suspension - Front

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

Type and description		Salisbury, 4-Link		
Drive and torque taken through		Control arms		
Travel	Full jounce	107.0 mm (4.21 in)		
	Full rebound	113.0 mm (4.45 in)		
Spring	Type (coil, leaf, other)	Coil		
	Material	Steel alloy		
	Size (length x width coil design height & i.d. bar length & dia)	254x139.7x2428 x12.8	254x139.7x2535 x14.5	254x139.7x2398 x13.5
	Spring rate (N/mm (lb/in))	20.0 (114.0)	17.5 (100.0)	24.5 (140.0)
	Rate at wheel (N/mm (lb/in))	20.0 (114.0)	18.4 (105.0)	21.9 (125.0)
	Mounting insulation (type)	--	23.6 (135.0)	21.2 (121.0)
Stabilizer	If leaf	No of leaves	--	
		Shackle (comp or tens)	--	
Stabilizer	Type (link linkless frameless)	Link-included W/RPO F41 sport suspension (b)		
	Material & bar diameter	--		
Track bar (type)		--		

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

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

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

Body Type

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

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

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

Passive Restraint System

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

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Full frame, perimeter type
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MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

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

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

Convenience Equipment

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

(a) - Stereo equipment includes 2 front and 2 rear speakers.

MVMA Specifications Form
Passenger Car

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

FEATURE HIGHLIGHTS

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

BODY:

CHASSIS:

ENGINE:

ELECTRICAL:

OTHER:

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

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

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

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

MVMA Specifications Form

Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
 SAE Ref. no. refers to the definition published in SAE Recommended Practice.
 J1100a "Motor Vehicle Dimensions," unless otherwise specified.

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

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

Length

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

Height **

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

Ground Clearance **

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

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

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

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

MVMA Specifications Form
Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

Front Compartment

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

Rear Compartment

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

Luggage Compartment

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

All linear dimensions are in millimeters (inches).

** EPA Loaded Vehicle Weight, Loading Conditions

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

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

Station Wagon - Cargo Space

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

Hatchback - Cargo Space

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

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

All dimensions are in millimeters (inches).

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

Vehicle Fiducial Marks

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

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

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form
Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

Lamps and Headlamp Shape*

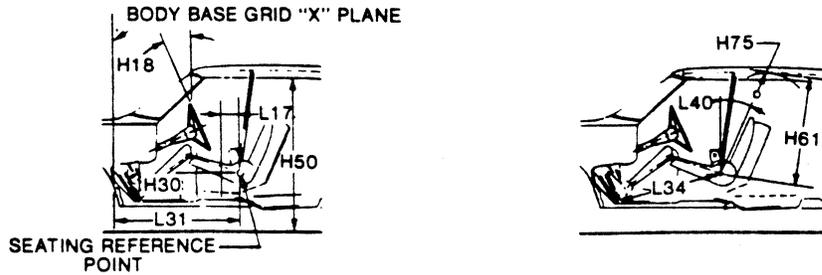
Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	692 (27.2)	692 (27.2)	692 (27.2)	692 (27.2)
		Lowest	678 (26.7)	678 (26.7)	689 (27.1)	689 (27.1)
	Taillamp (H128)	Highest**	802 (31.6)	693 (27.3)	440 (17.3)	441 (17.4)
		Lowest	702 (27.6)	692 (27.2)	--	--
	Sidemarker	Front	415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

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

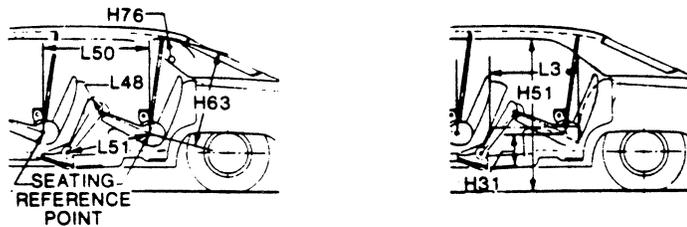
MVMA Specifications Form
Passenger Car
 METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

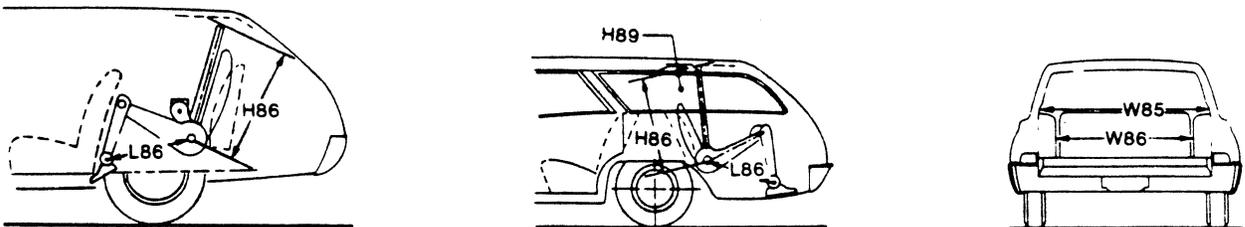
Front Compartment



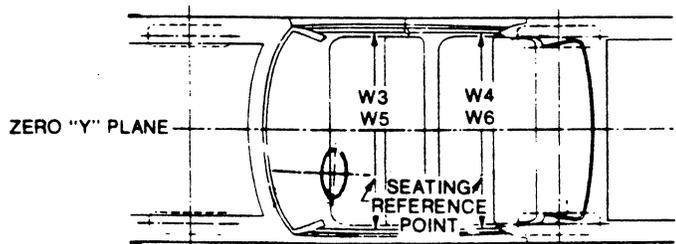
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Exterior Car And Body Dimensions — Key Sheet Dimensions Definitions

Seating Reference Point

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

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

(b) Has coordinates established relative to the design vehicle structure;

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

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

Width Dimensions

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

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

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

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

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

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

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

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

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L102 TIRE SIZE. As specified by the manufacturer.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHANG—FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG—REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and 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 fore nose 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 curve over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H127 HEADLAMP TO GROUND—CURB MASS (WT). The dimensional measured vertically from the centerline of the lowest headlamp lens to ground.

H128 TAILLAMP TO GROUND—CURB MASS (WT). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

H103	FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.	H18	STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
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.	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.
H105	REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.	Rear Compartment Dimensions	
H106	ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.	PD2	PASSENGER DISTRIBUTION—SECOND.
H107	ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.	L50	SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to the SgRP—second.
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.	H63	EFFECTIVE HEAD ROOM—SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
H153	REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.	H76	EFFECTIVE T-POINT HEAD ROOM—SECOND. Measured in the same manner as H75.
H156	MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.	L51	MINIMUM EFFECTIVE LEG ROOM—SECOND. The dimension measured along a line from the ankle pivot center to the SgRP—second plus 254 mm (10.0 in.).
Front Compartment Dimensions		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.
PD1	PASSENGER DISTRIBUTION—FRONT.	L48	KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
L31	SgRP—FRONT "X" COORDINATED.	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.
H61	EFFECTIVE HEAD ROOM—FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP—front to the headlining plus 102 mm (4.0 in.).	W4	SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
H75	EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).	W6	HIP ROOM—SECOND. Measured in the same manner as W5.
L34	MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP—front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.	H51	UPPER BODY OPENING TO GROUND—SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP—second.
H30	SgRP—FRONT TO HEEL. The dimension measured vertically from the SgRP—front to the accelerator heel point.	Luggage Compartment Dimensions	
L17	DESIGN H-POINT—FRONT TRAVEL. The dimension measured horizontally between the design H-point—front in the foremost and rearmost seat trace positions.	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.
W3	SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.	H195	LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.
W5	HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP—front and 76 mm (3.0 in.) fore and aft the SgRP—front.	Station Wagon — Third Seat Dimensions	
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.	PD3	PASSENGER DIRECTION—THIRD.
		W85	SHOULDER ROOM—THIRD. Measured in the same manner as W5.
		W86	HIP ROOM—THIRD. Measured in the same manner as W5.
		L86	EFFECTIVE LEG ROOM—THIRD. The dimension measured along a line from the ankle pivot center to the SgRP—third plus 254 mm (10.0 in.)
		H86	EFFECTIVE HEAD ROOM—THIRD. The dimension, measured along a line 8 deg. from the SgRP—third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
		H89	EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

Station Wagon — Cargo Space Dimensions

- L200 CARGO LENGTH—OPEN—FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- L201 CARGO LENGTH—OPEN—SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- L202 CARGO LENGTH—CLOSED—FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L203 CARGO LENGTH—CLOSED—SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT—FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT—SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = \text{ft.}^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3(\text{cubic meter})$$

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

Hatchback — Cargo Space Dimensions

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

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR—FRONT—HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

V3 HATCHBACK.

Measured in inches:

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

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = \text{m}^3(\text{cubic meter})$$

AVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Index

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

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

Car Line _____
Model Year _____ Issued _____ Revised (*) _____
