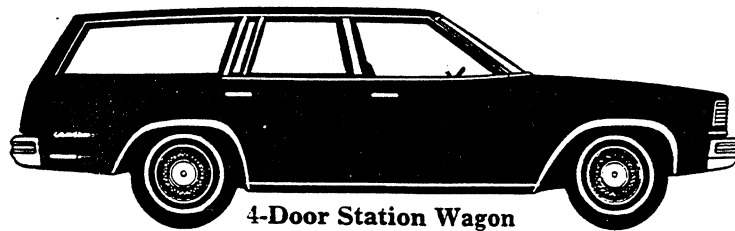
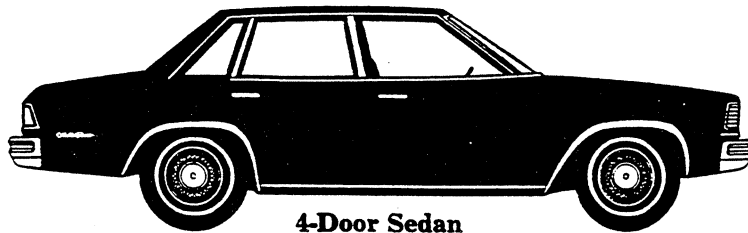
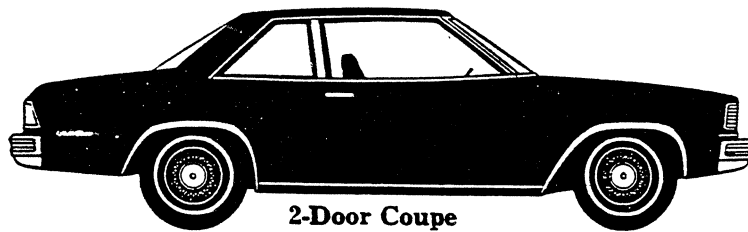


1978 MALIBU



Malibu Classic	Model No.	Malibu	Model No.
Landau Coupe	....1AW27/Z03	Sport Coupe	.....1AT27
Sport Coupe1AW27	Sedan1AT19
Sedan1AW19	Station Wagon1AT35
Station Wagon1AW35		

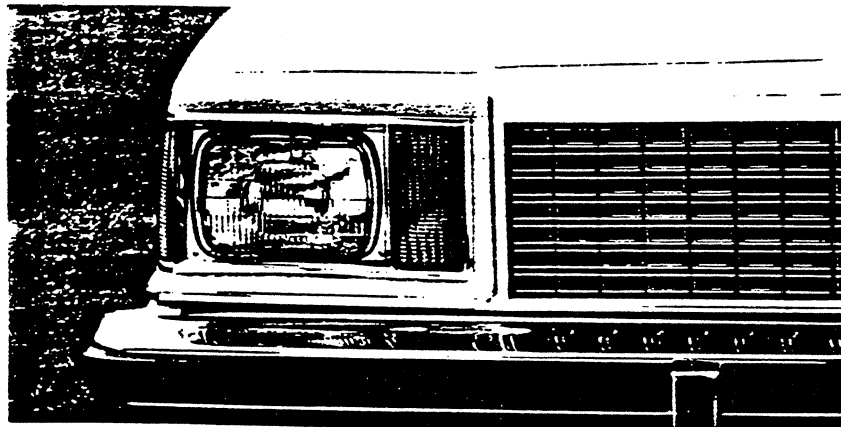
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Also see Value Features section for additional details.

NEW MALIBU FEATURES FOR 1978

- Completely new Sedan, Coupe and Wagon styling built on a new highly maneuverable 108.1" wheelbase chassis
- New interior roominess with increased head room, leg room, luggage space in Malibu Sedans and Coupes than in 1977 models
- New Quiet Sound Group standard on Malibu Classic models: available on Malibu models
- New 3.3 Litre (200 cu. in.) V6 engine standard; 231 cu. in. V6 and automatic transmission required in California
- 4-speed manual transmission available with V8 engine
- New interior trim and appointments including new instrument panel and steering wheel
- Choice of 14 exterior colors (9 new for '78) plus five Custom Two-Tone combinations available
- Seven vinyl roof cover color choices available (4 new for '78)
- New dual mode upper/lower interior ventilation system
- New corrosion protection for all models
- New one-piece carpeting
- New Power Sky Roof available for Coupe models (The installation of a Sky Roof will result in the loss of some headroom)
- New available power-operated radio antenna automatically extends full height when the radio is on and antenna switch in the up position. Antenna automatically lowers when radio or ignition is turned off.
- New Security Package available on Wagon models
- New wire wheel covers



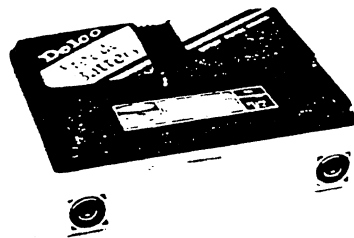
New Single Rectangular Headlight Styling



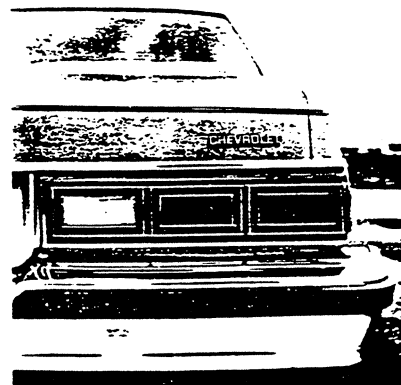
New Landau Formal Rear Quarter Window Styling



Standard 3.3 Litre (200 cu. in.) V6 engine



Standard Freedom Battery



New Triple-Unit Taillight Styling on Sedans and Coupes

**STANDARD EXTERIOR EQUIPMENT
EL CAMINO**

FRONT (Same as Malibu and Malibu Classic)	<u>EL CAMINO</u>
Radiator Grille – Light Weight Chrome Plated Plastic Grille (C)	X
Wide, Bright Upper Grille Molding (Integral with Grille) with Center Bow Tie Emblem and “Chevrolet” Block Lettering at L.H. End (C)	X
Headlamps, Single, Rectangular (C)	X
Chrome Plated Plastic Headlamp Bezels (C)	X
Parking Lamps in Front End Panel – Clear Lens and Amber Bulb (C)	X
Bright Windshield Reveal Molding	X
Depressed Park Windshield Wipers with Non-Articulated Arms (F)	X
SIDE	
Quarter Panel Nameplate – “El Camino”	X
Bright Belt Bead Molding	X
Bright LH Outside Rear View Mirror (C)	X
Bright Molding along Pickup Box Side Rails (F)	X
Bright Lift Bar Door Handles (F)	X
Bright Rocker Panel Molding (F)	X
Wide, Bright Wheel Opening Moldings (F & C)	X
Bright Roof Drip Moldings (F)	X
Bright Quarter Window Separation Molding with Black Outer Edges	X
Wheel Trim Covers (C)	X
Front Marker Lamps, Trapezoidal shaped, Amber and Clear Lens with Clear Bulb, Mounted in Front Fender Extension Portion of Front End Panel (C)	X
Rear Side Marker Lamps, Horizontally Oriented, Rectangular, Red Lens with Integral Bezel (C)	X
REAR	
Tailgate Mounted Chevrolet “Bow Tie”, Centered above License (F)	X
Four Unit Tail and Backup Lamps, Bumper Mounted (C)	X
Bright Rear Window Reveal Molding (F)	X
Black License Pocket with Bright Molding (F)	X

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

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT SEDANS, COUPES AND WAGONS

	MALIBU	MALIBU CLASSIC
SEATS AND FLOOR COVERING		
Front and Rear Seat Cushion and Backrest, Fixed Rear Seat Backrest (19-27 Models) Base Level Seat Trim, Full Molded Foam (F)	X	
Folding Rear Seat (35 Model) Otherwise, Same as Above (F)	X	
Front and Rear Seat Cushion and Backrest, Fixed Rear Seat Backrest (19-27 Models) Deluxe Level Seat Trim (F)		X
Folding Rear Seat (35 Model). Otherwise, Same as Above (F)	X	
Rear Passenger Compartment Ash Trays in Center of Front Seat Back (4-door models) or in Back of Driver's Seat (Coupe model) (F)	X	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder) with Single Locking Retractor (One per side), Black (F)	X	X
Black Rear Seat Lap Belts (3-Sets) Locking Outer Retractors (F)	X	X
Front Seat Center Lap Belt, Black (F)	X	X
Front seat Head Restraints (F)	X	X
Package Shelf Embossed Board (19-27 Models) (F)	X	X
Carpet, Floor Covering - Nylon Cut Pile (F)	X	X
Inertia Type Front Seat Back Locks (F)	X	X
DOOR AND QUARTER PANEL		
Plastic Molded Front Door Lower Trim Panel with Padded Armrest (F)	X	
Fabric Covered Front Door Upper Panel (Base Level Trim) (F)	X	
Plastic Molded Rear Door Lower Trim Panel, w/Armrest (19-35 Models) (F)	X	
Fabric Covered Rear Door Upper Trim Panel (Base Level Trim) with Recessed Area (19-35 Models) (F)	X	
Plastic Molded Front Door Lower Trim Panel with Padded Armrest and Carpeted Lower Portion (F)		X
Fabric Covered Front Door Upper Panel (Deluxe Level Trim) (F)		X
Plastic Molded Rear Door Lower Trim Panel with Armrest, and Carpeted Lower Portion (19-35 Models) (F)		X
Fabric Covered Rear Door Upper Trim Panel (Deluxe Level Trim) (19-35 Models) (F)		X
Pull Type Door Handle (F)	X	X
Rear Quarter Panel Built-in Armrest and Ash Tray (27 models)	X	X
Recessed Stowage Pockets in Rearward Portion of Cargo Area Quarter Trim Panels (35 Models Only) (F)	X	X
Window Control Handle Knobs, Clear Plastic (F)	X	X
Door Lock Buttons - Bright (F)	X	X
Front and Rear Door Locks 2-Position Free Wheeling (F)	X	X
Rear Quarter Sidewalls - Molded Plastic (F)	X	X
CARGO AREA - FLOOR		
Station Wagon Load Floor with Interior Color Paint Finish (F)	X	X
Hinged Panel in Station Wagon Cargo Floor Provides Access to Spare Tire and Stowage Area (F)	X	X
Positive Hold-open Feature for Station Wagon Stowage Area Cover (F)	X	X
Needled Fibre Spare Tire Compartment Lining (35 Models Only) (F)	X	X
Black Spatter-Painted Trunk Compartment Finish (19-27 Models) (F)	X	X
Vinyl Covered Foam Trunk Floor Covering in Black (19-27 Models) (F)	X	X

(C) = Chevrolet item
(F) = Fisher item

**STANDARD INTERIOR EQUIPMENT
SEDANS, COUPES AND WAGONS**

	MALIBU	MALIBU CLASSIC
ROOF AND PILLARS		
Headlining, Alpine Cloth over Medium Thickness Foam Padding (F)	X	
Headlining, Alpine Cloth over Thicker Foam Padding (F)		X
Rear View Mirror; 10" Prismatic - Textured Black Metal Vinyl Clad (F)	X-C/O	X-C/O
Rear View Mirror Support, Bonded to W/S, Black Painted (F)	X-C/O	X-C/O
Sunshade, Sliding Type, Padded, Non-Hook, Victor Cloth Covered, Diagonal Break Line at Outboard Corner (F)	X	X
Roof Side Rail Garnish Moldings - Painted Aluminum (F)	X	X
Rear Window Moldings - Painted Aluminum (F)	X	X
Windshield Garnish Molding - Painted Aluminum (F)	X	X
Center Pillar Lower Finish Panel, Molded Plastic (19-35) (F)	X	X
Center Pillar Upper Molding - Molded Plastic (19-35) (F)	X	X
Rear Quarter Upper Trim Panel, Molded Plastic (F)	X	X
Coat Hooks, Plastic - Trim Color (F)	X	X
Center Dome Light - Plastic Lens (F)	X	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar (F)	X	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar (F)	X	X
INSTRUMENT PANEL AND STEERING COLUMN		
Glove Compartment, Ash Tray and Instrument Panel Courtesy Lamps (C)		X
Warning Lights - Temperature, Generator, Oil Pressure, Brakes, Seat Belts (C)	X	X
Indicators - Hi-Beam, Turn Signal and Hazard Flashers (C)	X	X
Two-Speed W/S Wiper and Washer - Slide Type, Depress to Wash, Bright Knob, Switch Illuminated (C)	X	X
Ash Tray, Drawer Type, Under Center Portion of IP (C) (*)	X	X
Heater - Slide Type Controls, Bright Knobs, Illuminated (C)	X	X
Light Switch - Knob; Black Barrel with Brushed Aluminum Face (C)	X	X
Cigarette Lighter Knob; Black Barrel with Brushed Aluminum Face (C)	X	X
80 MPH (140 KPH) Speedometer - Odometer (C)	X	X
Fuel Gauge ("Unleaded Fuel Only") (C)	X	X
Glove Compartment Door Lock (C)	X	X
Black Handle for Parking Brake Release - Integrated into IP (C)	X	X
Black "T" Handle Interior Hood Release (C)	X	X
Trim Color Instrument Panel Pad (C)	X	X
Clock Hole Cover Plate (C)	X	X
Color Keyed Steering Wheel, Column and Black Instrument Cluster Bezel with Color Coordinated Module (Square/Rectangular Instruments) (C)	X	X
Soft Vinyl Steering Wheel and Shroud with Bow Tie Emblem on Shroud (C)	X	
Soft Vinyl Steering Wheel and Shroud with Bright Band Inset into Rim, Classic Emblem on Shroud (C)		X
Black Hazard Flasher Knob (C)	X	X
Black Soft Trim Signal/Headlamp Dimmer and Shift Lever Knobs (C)	X	X
Steering Column Ignition Switch and Integral Steering and Transmission Lock (C)	X	X
Dual Vent Control Knobs at L.H. and R.H. of Steering Column (C)	X	X
Plastic Cowl Kick Pads (C)	X	X

(C) = Chevrolet item
(F) = Fisher item
(*) = Changed to tip-down type, 1978 interim.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT EL CAMINO

	<u>EL CAMINO</u>
ROOF AND PILLARS	
Headlining, Alpine Cloth over Thick Foam Padding (F)	X
Rear View Mirror, 12" Prismatic - Textured Black Metal Vinyl Clad (F)	X-C/O
Rear View Mirror Support, Bonded to W/S, Black Painted (F)	X-C/O
Sunshade, Padded, Non-Hook, Victor, Cloth Covered, Diagonal Break Line at Outboard Corner (F)	X
Roof Side Rail Garnish Moldings - Painted Aluminum (F)	X
Windshield Garnish Moldings - Painted Aluminum (F)	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar	X
INSTRUMENT PANEL AND STEERING COLUMN	
Glove Compartment, Ash Tray and Instrument Panel Courtesy Lamps (C)	X
Heater Control Light (C)	X
Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights (C)	X
Hi-Beam and Turning Signal Indicators (C)	X
Two-Speed Windshield Wiper and Washer Switch (Slide Type, Depress to Wash), Bright Control Knob (C)	X
Light Switch - Knobs; Black Barrel with Brushed Aluminum Face (C)	X
Black Hazard Flasher Knob (C)	X
Black Turn Signal/Headlamp Dimmer and Transmission Shift Lever Knobs (C)	X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock (C)	X
Black Hood Release Handle with White "HOOD" on Handle (C)	X
Black Parking Brake Release Handle - Integrated into IP (C)	X
Ash Tray, Drawer Type, Under Center Portion of IP (C)(*)	X
Cigarette Lighter - Knob; Black Barrel with Brushed Aluminum Face (C)	X
80 MPH (140 KPH) Speedometer and Odometer (C)	X
Trim Color Instrument Panel Pad (C)	X
Soft Vinyl Steering Wheel and Shroud with Bright Band Inset into Rim, Classic Emblem on Shroud (C)	X
Color-Keyed Steering Wheel, Column and Black Instrument Cluster Bezel with Color Coordinated Module (Square/Rectangular Instruments) (C)	X
Fuel Gauge ("Unleaded Fuel Only") (C)	X
Dual Vent Control Knobs at L.H. and R.H. of Steering Column (C)	X
SEATS AND FLOOR COVERING	
Front Seat Cushion and Backrest, Full Molded Foam, Upper Level Trim Design and Covering (F)	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder) with Single Locking Retractor (One per Side), Black (F)	X
Front Seat Center Lap Belt, Black (F)	X
Front Seat Head Restraints (F)	X
Carpet, Floor Covering - Nylon Cut Pile (F)	X
Inertia Type Front Seat Back Locks (F)	X
DOOR AND QUARTER PANEL	
Plastic Molded Front Door Lower Trim Panel, with Padded Armrest and Carpeted Lower Portion (F)	X
Fabric Covered Door Upper Trim Panel (Deluxe Level Trim) (F)	-
Pull Type Door Handle (F)	X
Window Control Handle Knobs, Clear Plastic (F)	X
Door Lock Buttons - Bright (F)	X
Front Door Locks 2-Position Free Wheeling (F)	X
REAR INTERIOR COMPARTMENT	
Color-Keyed Plastic Rear Window Lower Garnish Molding (F)	X
Two-Piece Vertical Trim Panel Below Rear Window Molding (F)	X
Underfloor Stowage Compartment Behind Driver's Seat (F)	X
Underfloor Spare Tire Well Behind Passenger Seat (F)	X

(C) = Chevrolet item

(F) = Fisher item

(*) = Changed to tip-down type, 1978 interim.

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
MODEL OPTIONS		
'SS' Option (El Camino) (See page 13 for content)	Z15	
Malibu Classic "Landau" (See page 14 for content)	Z03	
Malibu Classic "Estate Wagon" (See page 14 for content)	BX3	
El Camino "Conquista" (See page 15 for content)	D91	
POWER TEAMS		
3.3 Litre - V6, 200 CID (Federal only)	L26	
3.8 Litre - V6, 231 CID (California only)	LD5	
5.0 Litre - V8, 305 CID (All States)	LG3	
5.7 Litre - V8, 350 CID (All States)	LM1	
Automatic Trans. (used with L26, V6 Engine) (Wagons & El Camino)	M29	
(used with LD5, V6 Engine) (Wagons & El Camino)		
(used with LG3, V8 Engine) (Sedans & Coupes)		
Automatic Trans. (used with LD5, V6 Engine) (Sedans & Coupes)	M33	
Automatic Trans. (used with L26, V6 Engine) (Sedans & Coupes)	M38	
(used with LG3, V8 Engine) (Sedan & Coupes)		
(Wagons & El Camino)		
(used with LM1, V8 Engine) (Wagons & El Camino)		
4-Speed Manual Trans. (used with LG, V8 Engine) (Sedans & Coupes)	M20	
(Wagons & El Camino)		
(used with LM1, V8 Engine) (El Camino)		

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
POWER ASSISTS		
Brakes, Power (Standard on Station Wagons and Optional non-A/C with V6 Engines, required all other applications)	J50	
Liftgate Lock Release, Electric (Station Wagons)	AU6	
Lock, Electric Door	AU3	
Steel Sun Roof	CA1	
Steering, Hydraulic (Optional non A/C with V6, required all applications)	N41	
Window Control, Electric	A31	
Front Seat, Electric Control	A42	
OTHER OPTIONS		
Air Conditioning, Four-Season (See page 16 for content)	C60	
Alarm, Theft		X
Battery, Heavy Duty	UA1	
Belts, Deluxe Seat & Shoulder Harness (Color keyed to interior)	AK1	
Bumper Impact Strips Front and Rear	VE5	
Console, Front Compartment Floor (Requires bucket seats, 2-door models with floor mounted transmission controls)	D55	
Carrier, Roof Luggage - Wagon (With adjustable end rails)	V55	X
Clock, Electric	U35	X
Compass		X
Container, Tunnel Litter and Tissue (saddle type)		X
Deflector, Rear Window Air (Wagon)	C51	X
Defogger, Rear Window (Forced air) (All except El Camino, Station Wagons)	C50	X
Floor Mats, Color-Keyed - (2 Front, 2 Rear) (Except El Camino - 2 Front only)	B37	X
Generator - 61 amp Delcotron	K76	
Gauges, Instrument Panel	UF7	
Gauges, Instrument Panel	U14	
Guards, Bumper Front and Rear	V30	X
Guard, Vinyl Door Edge		X
Guard, Door Edge Stainless Steel (N.A. Malibu Classic Estate)	B93	X
Glass, Tinted - All Windows	A01	
Glass, Tinted - W/S Only (Fleet use and Canadian use only)	A02	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Harness, Trailering Wiring		X
Hitch, Trailering, Equalizing Type		X
Hitch, Trailering – Deadweight Type		X
Heater, Engine Block		X
Horns, Dual (Optional 1AT00 Models, Base 1AW00 Models)	U05	
Lighting, Auxiliary	ZJ9	
Instrument Panel Courtesy Lamp (U29) (Base 1AW00 Models)		
Glove Compartment Light (U27) (Base 1AW00 Models)		X
Luggage Comp. Light (Except Wagon and Pickup) (U25)		X
Ash Tray Light (U28) (Base 1AW00 Models)		X
Underhood Light (U26)		X
Dome/Courtesy Lamp – Electronic Delay Switch (C94)		X
Headlamp Reminder Buzzer (T63)		X
Courtesy Dome Lamp – Cargo Area Wagon (C88)		X
Litter Container	D24	X
Mirror, RH		X
Mirrors, LH & RH Sport Outside Rear View Mirrors (Remote control)	D68	
Mirror, L.H. Outside Remote Control Rear View	D33	X
Mirror Sport Outside, Body Color, LH Remote Control & RH Manual Control	D35	
Mirror, Visor Vanity	D34	X
Molding, Deluxe Color-Keyed Body Side (not available with RPO Z15 or BX3)	BW2	
Molding, Side Window (19-35 models)	B90	
Moldings, Wheel Opening (1AT19-21)	B96	
Molding, Protective Body Side (5 Colors) Vinyl Insert		X
Radiator, Heavy Duty	V01	
Radio Equipment: Radios, Pushbutton – Includes Concealed W/S Antenna,		
AM Radio	U63	X
AM/FM Radio	U69	X
AM/FM/Stereo Radio	U58	X
Stereo Tape System with AM Radio	UM1	X
Stereo Tape System with AM/FM/Stereo Radio	UM2	X
Speaker, Rear Seat (All except 1AW80)	U80	X
Speakers, Dual Front	UX6	
Antenna, Power	U75	
Radio, Citizens Band		X
Roof Cover, Vinyl (All except Station Wagons and El Camino)	C09	
Seat, Passenger 50/50 (with Dual folding center Armrests (1AW00 Models)	AU7	
Seat, Bucket	A51	
Seat, Child Safety		X
Seat, Infant Safety		X
Spotlight, Hand		X
Stowaway Spare, Wheel and Tire, P195/75 x 14 (All except 1AW80) Requires Positraction Axle	N65	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Speed Control, Cruise (Requires automatic transmission and power brakes)	K30	X
Steering Wheel, Comfortilt	N33	
Suspension, H.D. Front and Rear (N.A. Station Wagons)	F40	
Sport Suspension (Requires P205-75 Steel Belted Tires and V8 Engine)	F41	
Warmer, Interior Car		X
Wheel Trim Covers – Styled Plastic	PB2	X
Wheel Trim Covers – (Optional on 1AT 19-27; Standard All Others)	P01	
Wheel Covers Special, Simulated Wire Wheel (Not available with RPO Z15 Super Sport)	N95	X
FACTORY INSTALLED REGULAR PRODUCTION TIRES		
P185/75R – Glass Belted, Radial Ply, Blackwall (Base on Sedans & Coupes)	QKP	
P195/75R – Glass Belted, Radial Ply, Blackwall (Base on Station Wagons)	QKR	
P205/75R – Steel Belted, Radial Ply, Blackwall (Base on El Camino)	QKH	
P185/75R – Glass Belted, Radial Ply, White Stripe (Sedans & Coupes)	QKQ	
P195/75R – Glass Belted, Radial Ply, White Stripe (Station Wagons)	QKS	
P195/75R – Steel Belted, Radial Ply, Wide White Stripe (Sedans, Coupes & Station Wagons)	QFZ	
P205/75R – Steel Belted, Radial Ply, Wide White Stripe (Sedans, Coupes & El Camino required with F41 Suspension)	QKJ	
P205/75R – Steel Belted, Radial Ply, White Lettered (Sedan, Coupes & El Camino required with F41 Suspension)	QKK	

CONTENT OF EL CAMINO "SS" OPTION RPO Z15 WITH 1AW80

MODEL AVAILABILITY

El Camino Pickup (1AW80)

POWER TRAIN AVAILABILITY

(See Power Train Section for applications)

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

BODY - Exterior

"Super Sport" Decals on Door Lower and Tailgate
Large Front Air Dam.
Sport Mirrors (D35).
Special Black Paint Treatment on Grille.
Contrasting or Harmonizing Paint Color on Lower Body (6 Colors Available).
Decal Stripes to Cover Paint Break Lines.
Rally Wheels, Painted to Match Lower Body Color (6 Colors Available).
(Optional Plastic Styled Argent or Gold Wheel Covers can also be selected).
Limited Exterior Colors, Coordinated with Accent Colors.
Black Quarter Window Molding.

BODY - Interior

"SS" Identification on Instrument Panel.

RESTRICTED OPTIONS:

Wire Wheel Trim Covers (N95).
Body Side Moldings (BW2).

DELETED EQUIPMENT

Wheel Opening Moldings.
Rocker Sill Moldings.

MALIBU CLASSIC RPO Z03

CONTENT OF MALIBU CLASSIC LANDAU MODEL OPTION Z03

MODEL AVAILABILITY

Malibu Classic (1AW27)

POWER TRAIN AVAILABILITY

(See Power Train Section for applications)

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

BODY – Exterior

Specific Vinyl Roof Treatment on Rear Portion and Smaller Appearing Windows and Halo Roof Molding.
Body Pin Striping (Vinyl).
Specific Plastic Wheel Cover.
Wide High-Gloss Black Finished Applique on Body B-Pillars and Quarter Window Glass.
Landau Exterior Identification on Body B-Pillar Applique

CONTENT OF MALIBU CLASSIC ESTATE WAGON MODEL OPTION BX3

MODEL AVAILABILITY

Malibu Classic (1AW35)

POWER TRAIN AVAILABILITY

(See Power Train Section for application)

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

BODY – Exterior

Woodgrain applique in center section of body side and on lower portion of tailgate.
Vinyl-clad aluminum moldings along upper and lower edges of woodgrain applique.
"Malibu Classic Estate" nameplate on body quarter panel.

EL CAMINO CONQUISTA RPO D91

CONTENT OF EL CAMINO CONQUISTA MODEL OPTION D91

MODEL AVAILABILITY

El Camino Conquista (1AW80)

POWER TRAIN AVAILABILITY

(See Power Train Section for applications)

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

BODY - Exterior

Specific Paint Treatment consisting of one color on roof, upper portion of pickup box and lower side of body, with second color on hood in center section of body side, on lower portion of tailgate and inside pickup box.

Bright paint break moldings along upper side of pickup box and tailgate.

Bright molding along lower side of body and over front/rear wheel openings (replacing standard wheel opening moldings).

"Conquista" decal on R.H. lower portion of tailgate.

AIR CONDITIONING

FOUR SEASON (RPO C60)

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

BASIC COMPONENTS

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

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

CHASSIS

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

POWER TRAINS

Fan Blade 5 blade
Fan Clutch Thermomodulated fluid coupling
Crankshaft Pulley Single three groove pulley
Water Pump & Fan Pulley Single
Compressor & Crankshaft Belt One
Generator 61 Ampere
Radiator Heavy duty

BODY

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BODY CONSTRUCTION AND GLASS AREA	8

EXTERIOR PAINT PROCESS

1. **RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
2. **BODY AND SHEET METAL PRIMERS.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
3. **PRIMER COAT** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F. for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring another coat of lacquer.
4. **FLASH PRIMER AND PRIMER-SURFACER COATS.** An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.
5. **INITIAL SANDING.** Power wet sanding, followed by hand sanding is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.
6. **LACQUERING.** Three coats of acrylic lacquer are spread on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.
7. **INITIAL BAKING.** To harden the paint for final sanding, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
8. **FINAL SANDING.** To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.
9. **FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.
10. **UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
11. **PAINT REPAIR AND PROTECTION.** Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

EXTERIOR-INTERIOR COLORS

EXTERIOR COLOR – VINYL ROOF COMBINATIONS

VINYL TOP COVER (Material – Levant Grain)	EXTERIOR COLOR AVAILABILITY	
Silver Metallic	Silver	15
	Black	19
	Carmine (Met.)	77
Black	All Available Colors, exc.	69
White	All Available Colors	
Light Blue (Met.)	White	11
	Black	19
	Light Blue	21
	Light Blue (Met.)	22
	Dark Blue (Met.)	29
Light Camel	White	11
	Black	19
	Light Camel	61
	Camel (Met.)	63
	Saffron (Met.)	67
	Dark Camel (Met.)	69
Dark Carmine (Met.)	Carmine (Met.)	77
	Dark Carmine (Met.)	79
Light Green (Met.)	White	11
	Black	19
	Light Green (Met.)	44
	Medium Green (Met.)	45

EXTERIOR-INTERIOR COLORS

1978 MALIBU, MALIBU CLASSIC AND EL CAMINO "A" INTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM												
		Black		Light Blue		Dark Green	Camel Tan		Carmine		White			
		(19X) Cloth	(19V) Vinyl	(24X) Vinyl	(24V) Cloth	(44X) Cloth	(62X) Cloth	(62V) Vinyl	(74X) Vinyl	(74V) Cloth	(19X) Vinyl /Black	(24X) Vinyl Blue	(44X) Vinyl Green	(74X) Vinyl /Carmine
Malibu 1A100 Sport Sedan (19)	(A52) Bench	19C		24N	24C	44C	62C	62N	74N					
Sport Coupe (27)	(A52) Bench	19C		24N	24C	44C	62C	62N	74N		11N			
Station Wagon (35)	(A52) Bench			24N				62N	74N					
Malibu Classic 1AW00 Sport Sedan (19)	(A52) Bench	19D	19V	24V	24D	44D	62D	62V	74V	74D				
	(AV7) 50-50	19D	19V		24D	44D	62D		74V	74D				
Sport Coupe (27)*	(A52) Bench	19D	19V	24V	24D	44D	62D	62V	74V	74D	11V	11V	11V	
	(AV7) 50-50	19D	19V		24D	44D	62D		74V	74D	11V	11V	11V	
	(A51) Bucket			24V				62V	74V	74D	11V	11V	11V	
Station Wagon (35)	(A52) Bench	19I	19V	24V	24I		62I	62V	74V	74I				
	(AV7) 50-50		19V						74V					
El Camino Classic (80)	(A52) Bench	19D	19V	24V	24D	44D	62D	62V	74V	74D				
	(A51) Bucket			24V				62V	74V					
	(AV7) 50-50	19D	19V		24D	44D	62D		74V	74D				

CLOTH AND VINYL USAGE

- C-Darby, 808 WC, woven cloth
- N-Rattan vinyl
- V-Wallaby vinyl
- D-Windsor, 712 WC, knit cloth
- I-Bayonne, 816 WC, woven sport cloth

* The 1AW27 requires a Big Four Option Number in addition to the trim combination number. The Big Four Module consists of the instrument panel, carpet, cowl kick panels, and package shelf. Module numbers are shown in parenthesis at the top of each column. Examples: Black 19D + 19V, White with Carmine Big Four 11V + 74X.

EXTERIOR-INTERIOR COLORS

1978 MALIBU AND MALIBU CLASSIC

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

EXTERIOR COLORS		BODY SIDE STRIPE COLOR (INCLUDED)	RPO BW2 BODY SIDE MOLDING (IF ORDERED)	RPO VINYL TOP COLORS (IF ORDERED)
BODY	ACCENT			
Silver Met. 15 WA 7022	Gray Met. 16 WA 7054	Red WMH 4330	19Q Black WPV 848	Silver Met. 15T
Light Blue Met. 22 WA 4964	Dk. Blue Met. 29 WA 4965	Pastel Blue WMH 7023	22Q Light Blue Met. WPV 4964	Lt. Blue Met. 22T
Med. Green Met. 44 WA 7024	Dk. Green Met. 45 WA 8006	Green WMH 4922	44Q Med. Green Met. WPV 7024	Med. Green Met. 44T
Camel Beige 61 WA 7025	Gold Met. 56 WA 7083	Buckskin WMH 4718	61Q Camel Beige WPV 7025	Camel Beige 61T
Dk. Carmine Met. 79 WA 7072	Carmine Met. 77 WA 7029	Red WMH 4330	79Q Dk. Carmine Met. WPV 7072	Dk. Carmine Met. 79T

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

1978 MALIBU, MALIBU CLASSIC AND EL CAMINO

BODY SIDE ACCENT STRIPE (RPO D85) BODY SIDE MOLDING EQUIPMENT (RPO BW2)

RPO D85 – BODY SIDE ACCENT STRIPE*

STRIPE IDENTIFICATION		
COLOR		DECAL (1AW27 Only)
11A	White	WMH 3967
13A	Silver	WMH 4575
19A	Black	WMH 848
27A	Blue	WMH 4673
49A	Green	WMH 4922
54A	Gold	WMH 4831
75A	Red	WMH 4330
95A	Buckskin	WMH 4718

RPO BW2 – BODY SIDE MOLDING EQUIPMENT*

MOLDING IDENTIFICATION		
19Q	Black	WPV 848
22Q	Lt. Blue Met.	WPV 4964
44Q	Med. Green Met.	WPV 7024
61Q	Camel Beige	WPV 7025
79Q	Dk. Carmine Met.	WPV 7072

NOTE: *For color combination applications, see Dealer Order Guide.

EXTERIOR-INTERIOR COLORS

1978 EL CAMINO AND CABALLERO

CONQUISTA (1AW80) RPO D91
LAREDO (5AA00) RPO 91

EXTERIOR COLORS					
HOOD AND CENTER BODY		ROOF AND LOWER BODY (ACCENT)		CONQUISTA/LAREDO LETTERING	VINYL ROOF (IF ORDERED)
WHITE	11	LT. BLUE MET.	22	BLUE	WHITE 11T LT. BLUE 22T
WHITE	11	GOLD MET.	56	GOLD	WHITE MET. 11T
SILVER MET.	15	GRAY MET.	16	CHARCOAL	SILVER MET. 15T
SILVER MET.	15	CARMINE MET.	77	CHARCOAL	SILVER MET. 15T
BLACK	19	SILVER MET.	15	CHARCOAL	SILVER MET. 15T
BLACK	19	GOLD MET.	56	GOLD	BLACK 19T
LT. BLUE MET.	22	DK. BLUE MET.	29	BLUE	BLACK 19T
DK. GREEN MET.	45	WHITE	11	BLUE	LT. BLUE MET. 22T
CAMEL TAN MET.	63	CAMEL BEIGE	61	BLACK	WHITE 11T MED. GREEN 44T
SAFFRON MET.	67	WHITE	11	BLACK	CAMEL BEIGE 61T
CARMINE MET.	77	WHITE	11	BLACK	WHITE 11T
CARMINE MET.	77	DK. CARMINE MET.	79	BLACK	WHITE 11T
					DK. CARMINE MET. 79T

- NOTES: 1. THESE ARE THE ONLY COMBINATIONS AVAILABLE - NO COLOR OVERRIDES ARE ALLOWED.
2. RPO D35 AND D68 SPORT MIRRORS ARE HOOD AND CENTER BODY COLOR.

EXTERIOR-INTERIOR COLORS

1978 EL CAMINO AND CABALLERO

SUPER SPORT (1AW80) RPO Z15
DIABLO (5AA00) RPO YE7

EXTERIOR COLOR				INTERIOR TRIM				VINYL ROOF (IF ORDERED)	PLASTIC WHEEL COVER (IF ORDERED)
UPPER BODY		LOWER ACCENT		BLACK	LT. BLUE	CAMEL TAN	CARMINE		
COLOR SCHEME PACKAGE									
WHITE	11	BLACK	19	RED			RED	WHITE 11T BLACK 19T	SILVER 14P GOLD 55P
WHITE	11	BLACK	19	BLUE	BLUE			WHITE 11T BLACK 19T	SILVER 14P
WHITE	11	BLACK	19	BLACK		BLACK		WHITE 11T BLACK 19T	GOLD 55P
WHITE	11	GOLD MET.	56			GOLD		WHITE 11T CAMEL BEIGE 61T	GOLD 55P
SILVER MET.	15	GRAY MET.	16	RED			RFD	SILVER MET 15T	SILVER 14P
SILVER MET	15	BLACK	19	RED			RED	SILVER MET 15T BLACK 19T	SILVER 14P
SILVER MET	15	CARMINE MET.	77	RED			RED	SILVER MET 15T	SILVER 14P
BLACK	19	SILVER MET.	15	RED			RFD	BLACK 19T SILVER MET 15T	SILVER 14P
BLACK	19	GOLD MET.	56	GOLD		GOLD		BLACK 19T CAMEL BEIGE 61T	GOLD 55P
BLACK	19	CARMINE MET.	77	RED			RFD	BLACK 19T	SILVER 14P GOLD 55P
LT. BLUE MFT.	22	BLACK	19	BLUE	BLUE			LT. BLUE MFT. 22T BLACK 19T	SILVER 14P
DK. BLUE MET.	29	BLACK	19	BLUE	BLUE			BLACK 19T LT. BLUE MET. 22T	SILVER 14P
CAMEL BEIGE	61	GOLD MET.	56			GOLD		CAMEL BEIGE 61T	GOLD 55P
CAMEL TAN MET.	63	BLACK	19	BLACK		BLACK		BLACK 19T	GOLD 55P
SAFFRON MET.	67	BLACK	19	RED				BLACK 19T	GOLD 55P
DK. CAMEL MET.	69	BLACK	19	GOLD		GOLD		CAMEL BEIGE 61T	SILVER 14P GOLD 55P
DK. CAMEL MET.	69	GOLD MET.	56	GOLD				CAMEL BEIGE 61T	GOLD 55P
CARMINE MET.	77	BLACK	19	RED			RFD	BLACK 19T	SILVER 14P GOLD 55P
CARMINE MET.	77	DK. CARMINE MET.	79	RED			RED	DK. CARMINE MFT. 79T	SILVER 14P GOLD 55P
DK. CARMINE MET.	79	BLACK	19	RED			RFD	DK. CARMINE MFT. 79T	SILVER 14P GOLD 55P

- NOTES: 1 THESE ARE THE ONLY COMBINATIONS AVAILABLE - NO COLOR OVERRIDES ARE ALLOWED.
2 PACKAGE INCLUDES RALLY WHEELS PAINTED TO MATCH ACCENT COLOR
3 RPO D35 AND D68 SPORT MIRRORS ARE UPPER BODY COLOR

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective inner plastic fender skirts. Energy absorbing air-gap windshield pillar moldings. Safety guard door beams. Contoured windshield header. Cargo guard luggage barrier on coupe and sedan models. Halo construction roof. Open channel rocker panels.

DOORS AND LOCKS

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

HOOD AND TRUNK LID

Type Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod. Two hood stop pins mounted on the cowl.
 Hood release Internal; to left of stg. col. under inst. panel.

VENTILATION

Dual-mode, modular chamber system. Blower fan circulates upper air through instrument panel outlets. Lower air circulation provided at highway speeds through outlets under instrument panel. Quarter window vents included in sedans and station wagons.

SEAT CONSTRUCTION

Type All seat cushions and backrests . . . Formed polyfoam

WINDSHIELD WIPERS AND WASHERS

Type Concealed dual 2-speed electric
 Linkage Parallel acting

HEADLAMPS

Type Single rectangular units

SPARE TIRE AND TOOLS

Location Sedans and Coupe, vertical in cargo compartment, to rear of right wheelhouse. Station Wagon horizontal at rear of load floor; hinged compartment lid. El Camino, horizontal in special stowage compartment behind passenger seat. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored with tire.

LIFTGATE

Type Top hinged with fixed back window and telescopic gas operated assist tubes, hinged lower gate with dual cable supports.

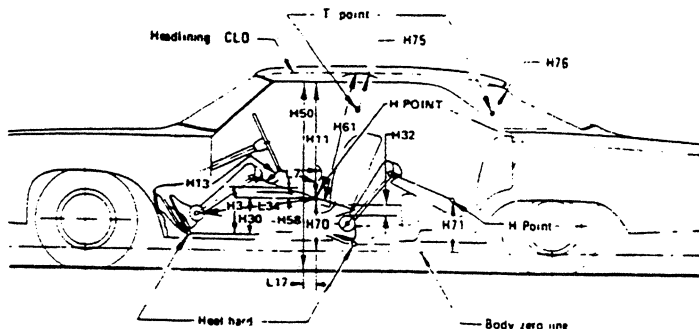
BODY GLASS VISIBILITY AREA

	MODELS			
	19	27	35	80
Windshield	7433 (1152.4 in. ²)	8082 (1253.0 in. ²)	7433 (1152.4 in. ²)	8082 (1253.0 in. ²)
Front Door Window	5433 (842.3 in. ²)	7625 (1182.2 in. ²)	5433 (842.3 in. ²)	5791 (898.0 in. ²)
Rear Door Window	5429 (841.7 in. ²)	---	4372.6 (678.0 in. ²)	---
Rear Quarter Window	960.9 (149.0 in. ²)	3842 (595.7 in. ²)	6702 (1039.1 in. ²)	787 (122.0 in. in. ²)
Back Window	6776 (1051.0 in. ²)	6998 (1085.0 in. ²)	6167 (956.1 in. ²)	3314 (513.8 in. ²)
Total Area (Sq. In.)	26032 (4036.4 in. ²)	26547 (4115.9 in. ²)	30108 (4668.0 in. ²)	17974 (2787.0 in. ²)

DIMENSIONS AND WEIGHTS

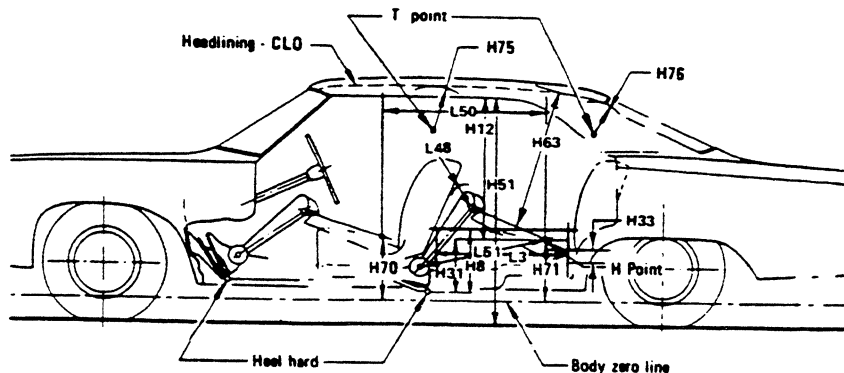
INTERIOR DIMENSIONS	2,3
LUGGAGE CAPACITY	2,3
STATION WAGON CARGO SPACE	4
EXTERIOR DIMENSIONS	5, 6, 7, 8
VEHICLE WEIGHTS	9
OPTIONAL EQUIPMENT	10

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	4-DOOR SEDANS		SPORT COUPES	
		1AT19	1AW19	1AT27	1AW27
H-3	Seat cushion height	282 (11.1 in.)			
H-11	Entrance height	776 (30.6 in.)			
H-13	Steering wheel thigh clearance	104 (4.1 in.)			
H-30	H point to heel point	228 (9.0 in.)			
H-32	Seat cushion deflection	80 (3.1 in.)			
H-50	Upper body opening to ground	1278 (50.3 in.)		1275 (50.2 in.)	
H-58	H point rise	25 (1.0 in.)			
H-61	Effective headroom	983 (38.7 in.)	977 (38.5 in.)	962 (37.9 in.)	956 (37.6 in.)
H-70	H point to body O line	175 (6.9 in.)			
H-75	Effective 'T' point headroom	990 (39.0 in.)	984 (38.7 in.)	967 (38.1 in.)	961 (37.8 in.)
W-3	Shoulder room	1456 (57.3 in.)		1442 (56.8 in.)	
W-5	Hip room	1326 (52.2 in.)		1314 (51.7 in.)	
L-7	Steering wheel torso clearance	340 (13.4 in.)			
L-17	H point travel	171 (6.7 in.)			
L-34	Effective leg room	1086 (42.8 in.)			



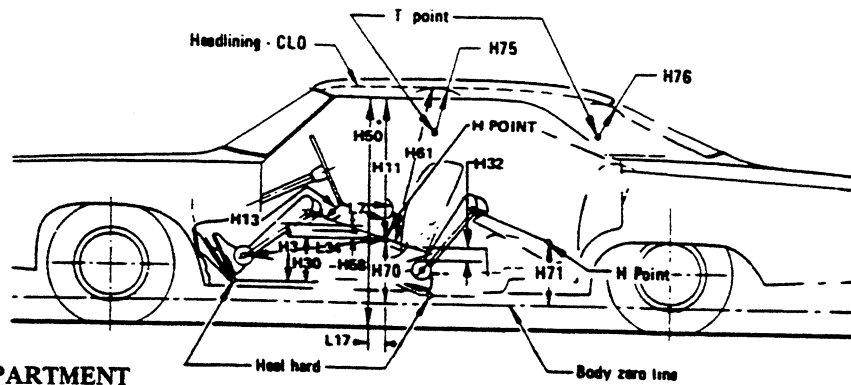
REAR COMPARTMENT

H-8	Seat cushion height	350 (13.8 in.)		340 (13.4 in.)	
H-12	Entrance height	779 (30.7 in.)			
H-31	H point to heel point	298 (11.7 in.)			
H-33	Seat cushion deflection	94 (3.7 in.)			
H-51	Upper body opening to ground	1278 (50.3 in.)		119 (4.7 in.)	
H-63	Effective headroom	957 (37.7 in.)	951 (37.4 in.)	961 (37.8 in.)	955 (37.6 in.)
H-71	H point to body O line	167 (6.6 in.)			
H-76	Effective 'T' point headroom	963 (37.9 in.)		957 (37.7 in.)	
W-4	Shoulder room	1450 (57.1 in.)		1411 (55.6 in.)	
W-6	Hip room	1412 (55.6 in.)		1384 (54.5 in.)	
L-3	Rear compartment room	705 (27.7 in.)		678 (26.7 in.)	
L-50	H point couple distance	827 (32.6 in.)		791 (31.1 in.)	
L-51	Effective leg room	965 (38.0 in.)		892 (35.1 in.)	

LUGGAGE COMPARTMENT

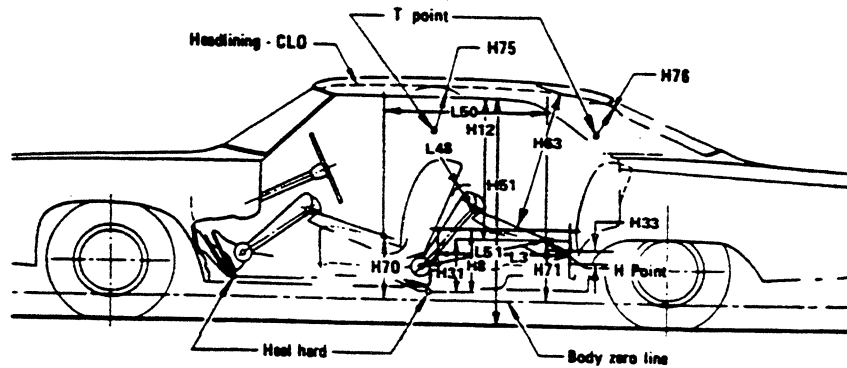
H-195	Liftover height	785 (30.9 in.)			
V-1	Usable luggage capacity (cu.ft.)	4694 (16.6 cu. ft.)			

INTERIOR DIMENSION



FRONT COMPARTMENT

CODE	DESCRIPTION	STATION WAGONS		SEDAN PICKUP
		IAT35	IAW35	IAW80
H-3	Seat cushion height	282 (11.1 in.)		273 (10.7 in.)
H11	Entrance height	776 (30.6 in.)		773 (30.4 in.)
H13	Steering wheel thigh clearance			104 (4.1 in.)
H30	H point to heel point			228 (9.0 in.)
H32	Seat cushion deflection			80 (3.1 in.)
H50	Upper body opening to ground	1282 (50.5 in.)		1278 (50.3 in.)
H58	H point rise			25 (1.0 in.)
H61	Effective headroom	985 (38.8 in.)	979 (38.5 in.)	957 (37.7 in.)
H70	H point to body O line			175 (6.9 in.)
H75	Effective 'T' point headroom	990 (39.0 in.)	984 (38.7 in.)	962 (37.9 in.)
W3	Shoulder room	1456 (57.3 in.)		1442 (56.8 in.)
W5	Hip room	1326 (52.2 in.)		1314 (51.7 in.)
L7	Steering wheel torso clearance			340 (13.4 in.)
L17	H point travel			171 (6.7 in.)
L34	Effective leg room			1086 (42.8 in.)



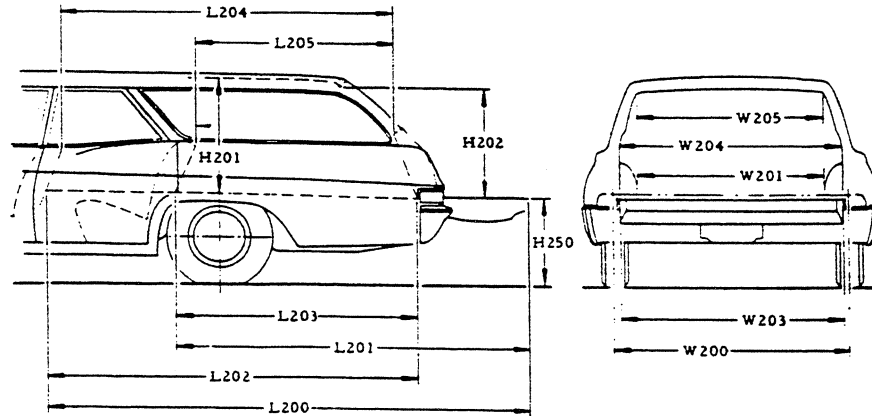
REAR COMPARTMENT

H8	Seat cushion height	350 (13.8 in.)		--
H12	Entrance height	783 (30.8 in.)		--
H31	H point to heel point	298 (11.7 in.)		--
H33	Seat cushion deflection	108 (4.3 in.)		--
H51	Upper body opening to ground	1290 (50.8 in.)		--
H63	Effective headroom			--
H71	H point to body O line	985 (38.8 in.)	979 (38.5 in.)	--
H76	Effective 'T' point headroom			167 (6.6 in.)
W4	Shoulder room	991 (39.9 in.)	985 (38.8 in.)	--
W6	Hip room	1450 (57.1 in.)		--
L3	Rear compartment room	1412 (55.6 in.)		--
L50	H point couple distance	687 (27.0 in.)		--
L51	Effective leg room	791 (31.1 in.)		--
	Luggage compartment	912 (35.9 in.)		--

LUGGAGE COMPARTMENT

H195	Liftover height			655 (25.8 in.)
V1	Usable luggage capacity (cu.ft.)			--

INTERIOR DIMENSIONS

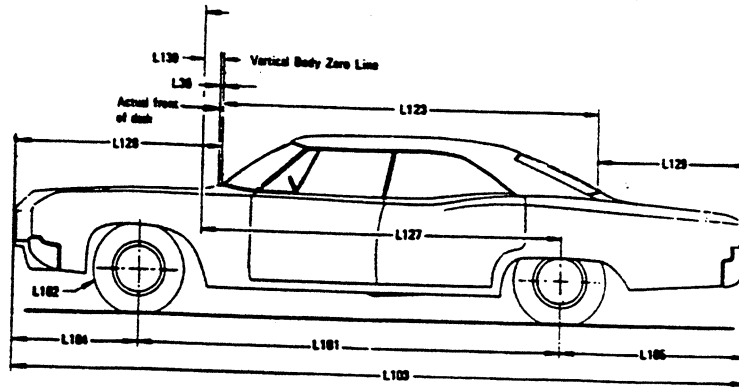


STATION WAGON CARGO SPACE

CODE	DESCRIPTION	STATION WAGONS		SEDAN PICKUP
		1AT35	1AW35	1AW80
H201	Maximum cargo height	763 (30.0 in.)	757 (29.8 in.)	
H202	Rear opening height	706 (27.8 in.)		
H250	Tailgate to ground height	620 (24.4 in.)		
W200	Cargo width-front	1409 (55.5 in.)		
W201	Cargo width-wheelhouse	1108 (43.6 in.)		
W203	Rear opening width at floor	1372 (54.0 in.)		
W204	Rear opening width at belt	1312 (51.6 in.)		
W205	Rear opening width above belt	1006 (39.6 in.)		
L200	Maximum cargo length-front seat	2639 (103.9 in.)		
L201	Maximum cargo length-second seat	1840 (72.4 in.)		
L202	Cargo length at floor-front seat	2064 (81.2 in.)		
L203	Cargo length at floor-second seat	1265 (49.8 in.)		
L204	Cargo length at belt-front seat	1852 (72.9 in.)		
L205	Cargo length at belt-second seat	1023 (40.3 in.)		
V2	Total cargo index volume	2049 (72.3 cu. ft.)	2033 (71.8 cu. ft.)	

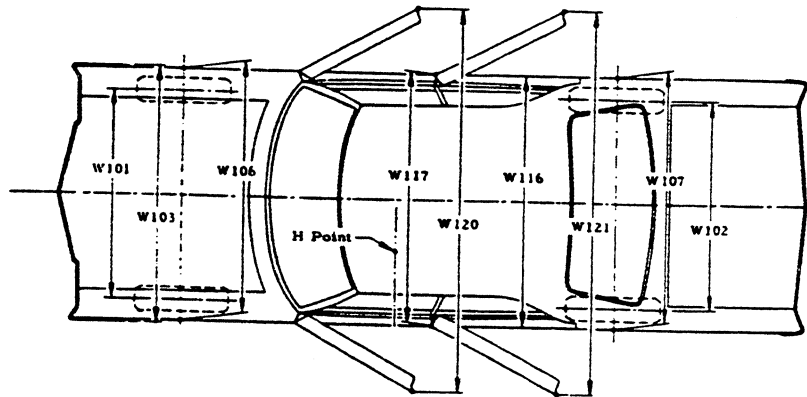
* Concealed stowage compartment

EXTERIOR DIMENSIONS



LENGTHS

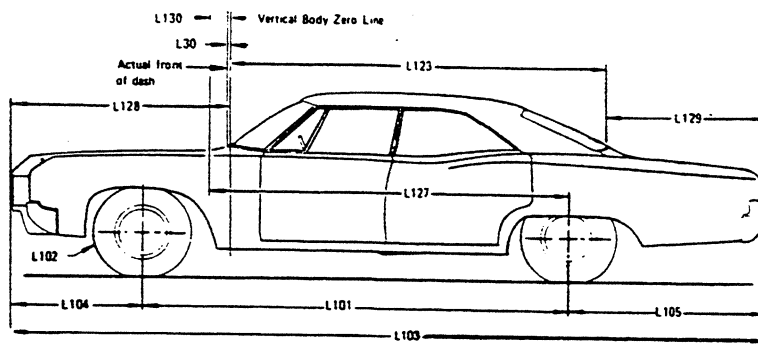
CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES
L101	Wheelbase		
L102	Tire size (standard)		2745 (108.1 in.)
L103	Overall length		P185/75R-14
L104	Overhang, front		4895 (192.7 in.)
L105	Overhang, rear		915 (36.0 in.)
-	Overall length - less bumpers		1235 (48.6 in.)
L123	Body upper structure length at car center line		4826 (190.0 in.)
L127	Body O line to C/L of rear wheels	2603 (102.5 in.)	2544 (100.2 in.)
L126	Front end length at center line		2377 (93.6 in.)
L129	Rear end length at center line		1347 (53.0 in.)
L125	Body zero plane to windshield cowl point	755 (29.7 in.)	813 (32.0 in.)
L30	Body O line to actual front of dash		158 (6.2 in.)
			- 52 (- 2.0 in.)



WIDTHS

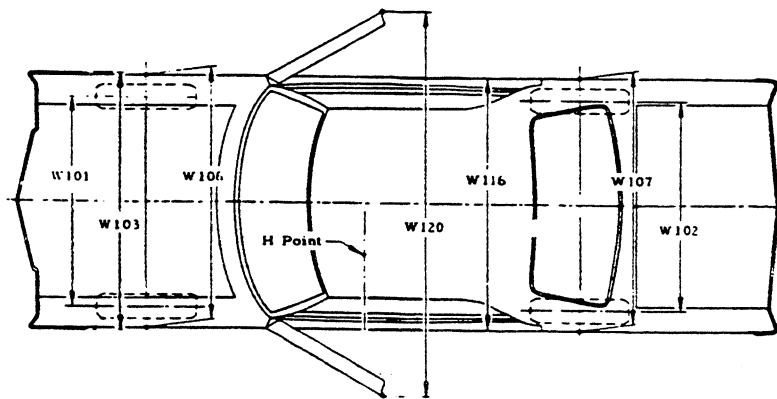
W101	Tread - front		1486 (57.5 in.)
W102	Tread - rear		1467 (57.8 in.)
W103	Maximum overall width of car		1816 (71.5 in.)
W106	Front fender overall width		1816 (71.5 in.)
W107	Rear fender overall width		1816 (71.5 in.)
W116	Maximum overall width of body		1816 (71.5 in.)
W117	Maximum body width at number 2 pillar		1816 (71.5 in.)
W120	Overall car width, front doors open	1774 (69.8 in.)	1776 (69.9 in.)
W121	Overall car width, rear doors open	3376 (132.9 in.)	4002 (157.6 in.)
		3225 (127.0 in)	--

EXTERIOR DIMENSIONS



LENGTHS

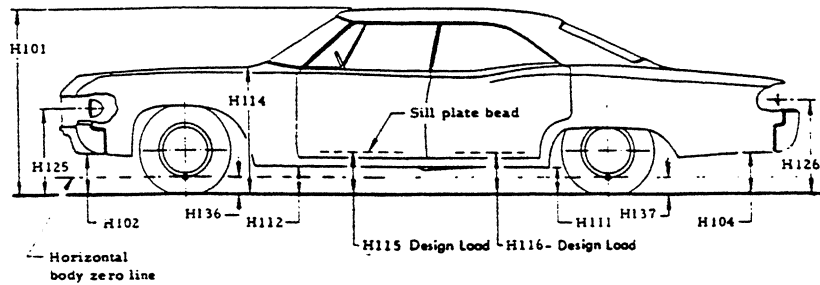
CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
L101	Wheelbase	2745 (108.1 in.)	2974 (117.1 in.)
L102	Tire size (standard)	P195/75R-14	P205/75R-14
L103	Overall length	4911 (193.4 in.)	5121 (201.6 in.)
L104	Overhang, front	915 (36.0 in.)	
L105	Overhang, rear	1251 (49.2 in.)	1232 (48.5 in.)
-	Overall length - less bumpers	4700 (185.0 in.)	4965 (195.5 in.)
L123	Body upper structure length at car center line	3261 (128.4 in.)	1500 (59.1 in.)
L127	Body O line to C/L of rear wheels	2377 (93.6 in.)	
L126	Front end length at center line	1347 (53.0 in.)	
L129	Rear end length at center line	92 (3.6 in.)	2118 (83.4 in.)
L125	Body zero plane to windshield cowl point	158 (6.2 in.)	
L30	Body O line to actual front of dash	- 52 (- 2.0 in.)	- 62 (- 2.4 in.)



WIDTHS

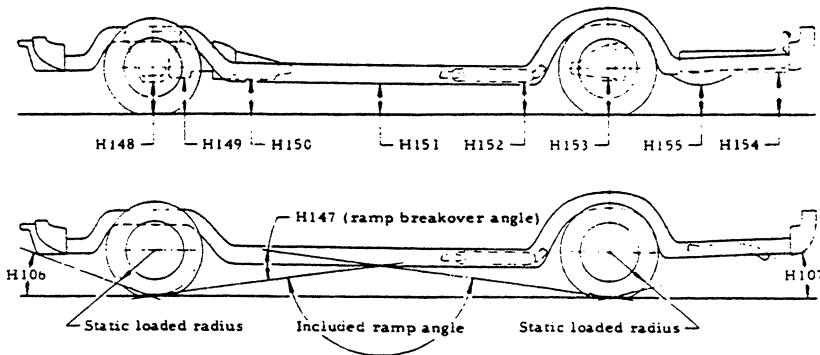
CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
W101	Tread - front	1486 (58.5 in.)	
W102	Tread - rear	1467 (57.8 in.)	
W103	Maximum overall width of car	1809 (71.2 in.)	1826 (71.9 in.)
W106	Front fender overall width	1809 (71.2 in.)	1826 (71.9 in.)
W107	Rear fender overall width	1809 (71.2 in.)	1826 (71.9 in.)
W116	Maximum overall width of body	1809 (71.2 in.)	1826 (71.9 in.)
W117	Maximum body width at number 2 pillar	1774 (69.8 in.)	1776 (69.9 in.)
W120	Overall car width, front doors open	3376 (132.9 in.)	4002 (157.6 in.)
W121	Overall car width, rear doors open	3225 (127.0 in.)	--

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES
H101	Overall height (design)	1376 (54.2 in.)	1354 (53.3 in.)
H102	Front bumper to ground	350 (13.8 in.)	
H104	Rear bumper to ground	336 (13.2 in.)	
H111	Rocker panel to ground - rear	225 (8.9 in.)	224 (8.8 in.)
H112	Rocker panel to ground - front	222 (8.7 in.)	
H114	Hood at rear to ground	976 (38.4 in.)	
H115	Step height - front (design)	350(13.8 in)	347(13.7 in)
H116	Step height - rear (design)	347(13.7 in)	--
H125	Headlamp to ground	677 (26.7 in.)	
H126	Tail lamp to ground	623 (24.5 in.)	
H136	Body O line to ground - front	327 (12.9 in.)	
H137	Body O line to ground - rear	332 (13.1 in.)	

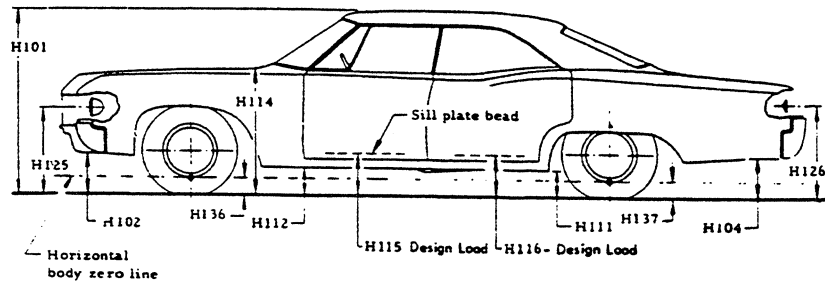


CLEARANCES

H106	Angle of approach (degrees)	20° 02'
H107	Angle of departure (degrees)	15° 26'
H147	Ramp breakover angle (degrees)	14° 24'
H148	Front suspension to ground	159 (6.3 in.)
H149	Oil pan to ground	167 (6.6 in.)
H150	Flywheel housing to ground	174 (6.9 in.)
H151	Frame to ground	173 (6.8 in.)
H152	Exhaust system to ground	198 (7.8 in.)
H153	Rear axle to ground	146 (5.8 in.)
H154	Fuel tank to ground	219 (8.6 in.)
H155	Tire well to ground	--
H156	Minimum ground clearance	137 (5.4 in.) (a)

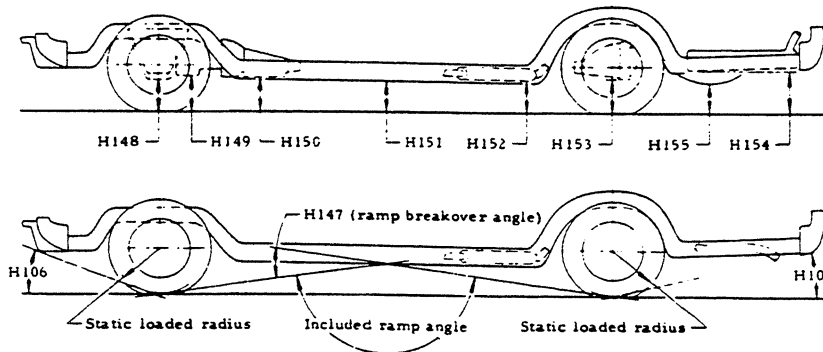
(a) Rear shock absorber bracket.

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
H101	Overall height (design)	1384 (54.5 in.)	1366 (53.8 in.)
H102	Front bumper to ground	353 (13.8 in.)	350 (13.8 in.)
H104	Rear bumper to ground	346 (13.6 in.)	347 (13.7 in.)
H111	Rocker panel to ground - rear	247 (9.7 in.)	233 (9.3 in.)
H112	Rocker panel to ground - front	252 (9.9 in.)	226 (8.9 in.)
H114	Hood at rear to ground	977 (38.4 in.)	979 (38.6 in.)
H115	Step height - front (design)	350(13.8 in)	
H116	Step height - rear (design)	347(13.7 in)	--
H125	Headlamp to ground	679 (26.7 in.)	678 (26.7 in.)
H126	Tail lamp to ground	408 (16.1 in.)	411 (16.2 in.)
H136	Body O line to ground - front	331 (13.0 in.)	330 (13.0 in.)
H137	Body O line to ground - rear	340 (13.4 in.)	341 (13.4 in.)



CLEARANCES

H106	Angle of approach (degrees)	20° 13'	20° 06'
H107	Angle of departure (degrees)	15° 30'	15° 16'
H147	Ramp breakover angle (degrees)	14° 30'	13° 45'
H148	Front suspension to ground	162 (6.4 in.)	163 (6.4 in.)
H149	Oil pan to ground	171 (6.7 in.)	170 (6.7 in.)
H150	Flywheel housing to ground	178 (7.0 in.)	177 (7.0 in.)
H151	Frame to ground	179 (7.4 in.)	180 (7.1 in.)
H152	Exhaust system to ground	206 (8.1 in.)	208 (8.2 in.)
H153	Rear axle to ground	186 (7.3 in.)	161 (6.3 in.)
H154	Fuel tank to ground	211 (8.3 in.)	301 (11.8 in.)
H155	Tire well to ground		
H156	Minimum ground clearance	145 (5.7 in.) (a)	147 (5.8 in.) (a)

(a) Rear shock absorber bracket.

VEHICLE WEIGHTS

MODEL TYPE								
MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1AT19	200 CID V6 (L26)	4-Door Sedan	740 kg (1631-lb.)	621 kg (1369-lb.)	1361 kg (3000-lb.)	748 kg (1649-lb.)	655 kg (1444-lb.)	1403 kg (3093-lb.)
1AT27	200 CID V6 (L26)	2-Door Sport Coupe	747 kg (1647-lb.)	612 kg (1349-lb.)	1359 kg (2996-lb.)	755 kg (1664-lb.)	646 kg (1424-lb.)	1401 kg (3088-lb.)
1AT35	200 CID V6 (L26)	4-Door Station Wgn.	727 kg (1603-lb.)	710 kg (1565-lb.)	1437 kg (3168-lb.)	735 kg (1620-lb.)	744 kg (1640-lb.)	1479 kg (3260-lb.)

1AW19	200 CID V6 (L26)	4-Door Sedan	747 kg (1647-lb.)	626 kg (1380-lb.)	1373 kg (3027-lb.)	756 kg (1667-lb.)	659 kg (1453-lb.)	1415 kg (3120-lb.)
1AW27	200 CID V6 (L26)	2-Door Sport Coupe	752 kg (1658-lb.)	617 kg (1360-lb.)	1369 kg (3018-lb.)	760 kg (1675-lb.)	650 kg (1433-lb.)	1410 kg (3108-lb.)
1AW35	200 CID V6 (L26)	4-Door Station Wgn.	729 kg (1607-lb.)	713 kg (1572-lb.)	1442 kg (3179-lb.)	738 kg (1627-lb.)	747 kg (1647-lb.)	1485 kg (3274-lb.)
1AW80	200 CID V6 (L26)	2-Door Pickup	801 kg (1766-lb.)	589 kg (1298-lb.)	1390 kg (3064-lb.)	810 kg (1786-lb.)	621 kg (1369-lb.)	1431 kg (3155-lb.)

VEHICLE WEIGHTS

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT Metric (Kg) – English
A31	Power Windows	2-Door Models	3.1 (7 lb.)
		4-Door Models	5.8 (13 lb.)
A42	Power Seat 6-Way Bench		7.7 (17 lb.)
AU3	Electric Door Locks	2-Door Models	0.9 (2 lb.)
		4-Door Models	1.8 (4 lb.)
AU6	Power Tailgate Release	Station Wagons	1.4 (3 lb.)
B37	Front and Rear Floor Mats		3.1 (7 lb.)
B37	Front Floor Mat		2.3 (5 lb.)
CA1	Electric – Sun Roof		
CB4	Landau Roof Cover		1.8 (4 lb.)
CO9	Vinyl Roof Cover		1.8 (4 lb.)
CS1	Rear Window Air Deflector		2.7 (6 lb.)
C60	Air Conditioning	With V6 Engine	30.8 (68 lb.)
		With V8 Engine	24.9 (55 lb.)
D55	Floor Console	With 3 and 4-Speed Transmission	2.7 (6 lb.)
		With Automatic Transmission	6.8 (15 lb.)
J50	Power Brakes	V6 Engine – Without Air Cond.	4.0 (9 lb.)
N41	Power Steering	V6 Engine – Without Air Cond.	11.3 (25 lb.)
V55	Roof Luggage Carrier	Station Wagons	6.7 (15 lb.)
U63	Radio AM Push Button		3.6 (8 lb.)
U69	Radio AM/FM Push Button		4.0 (9 lb.)
U58	Radio AM/FM Stereo		6.8 (15 lb.)
UM1	Radio AM Push Button and Tape		7.7 (17 lb.)
UM2	Radio AM/FM Push Button and Tape		8.1 (18 lb.)
V30	Front and Rear Bumper Guards		1.8 (4 lb.)
VE5	Front and Rear Bumper Impact Strips		1.8 (4 lb.)
LD5	3.8 Litre – V6, (231 CID)		1.3 (3 lb.)
LG3	5.0 Litre – V8, (305 CID)		61.7 (136 lb.)
LM1	5.7 Litre – V8, (350 CID)	Station Wagons and El Camino	9.6.2 (212 lb.)
M20	4-Speed Transmission		1.3 (3 lb.)
M29	Automatic Transmission	Wagons & El Camino V6 (L26 Engine)	1.4 (3 lb.)
		Sedans & Coupes V8 (LG3 Engine)	– 1.4 (– 3 lb.)
		Wagons & El Camino V6 (LD5 Engine)	– 2.7 (– 6 lb.)
M33	Automatic Transmission	Sedans & Coupes V6 (LD5 Engine)	13.2 (29 lb.)
M38	Automatic Transmission	Sedans & Coupes V6 (L26 Engine)	17.3 (38 lb.)
		Wagons & El Camino V8 (LG3 Engine)	14.0 (31 lb.)
		Wagons & El Camino V8 (LM1 Engine)	14.0 (31 lb.)

CHASSIS

FRAME AND FRONT SUSPENSION	2-3
STEERING, DRIVELINE, WHEELS AND TIRES	4
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BRAKES	7
BULBS AND LAMPS	8
FUSES AND CIRCUIT BREAKERS	9

FRAME AND FRONT SUSPENSION

FRAME

Description Separate full perimeter having sigma-section side rails welded front and rear suspension crossmembers with a bolted-in tubular construction transmission support.
 Body Mountings 7 each side of frame, 10 double cushion and 4 single cushions

FRONT SUSPENSION

Description Independent, SLA type with coil springs concentric shock absorbers; spherical jointed steering knuckle for each wheel.
 Wheel travel (design)
 Total 182 (7.16)
 Jounce 90 (3.54)
 Rebound 92 (3.62)

CONTROL ARMS

Description Reinforced steel stamping with pre-loaded, steel encased rubber bushings at pivot.

STEERING KNUCKLES

Description Nodular iron with integral steering knuckle arm.
 Spindle diameters - mm (in)
 Inner bearings 31.271-31.7475 (1.25)
 Outer bearings 19.0271-19.0475 (0.75)
 Spindle thread size - (in) 3/4-20 UNEF 3-A modified
 Wheel bearing
 Type Taper roller
 Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for bearing surfaces
 Upper Teflon-coated composite on phenolic
 Lower Sintered iron

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
 Piston Diameter - mm (in) 25 (1.0)

STABILIZER BAR

Type Link
 Material HR steel
 Diameter - mm (in)
 Sedans and Coupes
 V6 engines 25 (1.0)
 V8 engines 27 (1.06)
 Station wagon & El Camino 29 (1.14)

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) $+0.5 \pm 0.80$
 Caster (degrees)
 Manual steering $+1.0 \pm 1.0$
 Power steering $+3.0 \pm 1.0$
 Toe-in (degrees) 0.12 ± 0.12
 Steering axis inclination (degrees) 7.86

GENERAL SUSPENSION PROVISIONS

Car Leveling Front stabilizer
 Anti-dive Control Front suspension geometry
 Anti-squat Control Rear suspension geometry

FRAME AND FRONT SUSPENSION

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part No.	Assy. Code	Cut-Off Length		Wire Dia.		Total Coils	Deflection Rate		Heights			
		mm	in	mm	in		N/mm	lbs/in	Free		Working	
									mm	in	mm @ N	in @ lbs
460626	AAU	2953	116.3	15.6	.614	7.811	52.5	300	388.8	15.31	260 @ 6760	10.24 @ 1520
460627	AAW	2953	116.3	15.6	.614	7.811	52.5	300	393.9	15.51	260 @ 7030	10.24 @ 1580
460628	AAX	3064	120.6	15.8	.622	8.094	52.5	300	399.0	15.71	260 @ 7300	10.24 @ 1640
460629	AAY	3064	120.6	15.8	.622	8.094	52.5	300	404.2	15.91	260 @ 7570	10.24 @ 1700
460642	ABS	2548	100.3	15.6	.614	6.730	64.0	365	364.2	14.34	260 @ 6670	10.24 @ 1500
460643	ABT	2733	107.6	16.0	.623	7.201	64.0	365	369.4	14.54	260 @ 7000	10.24 @ 1575
460644	ABU	2733	107.6	16.0	.623	7.201	64.0	365	374.5	14.74	260 @ 7330	10.24 @ 1650
460645	ABW	2931	115.4	16.4	.646	7.703	64.0	365	379.7	14.94	260 @ 7660	10.24 @ 1725
460646	ABX	2931	115.4	16.4	.646	7.703	64.0	365	384.8	15.14	260 @ 7990	10.24 @ 1800
460647	ABY	3035	119.5	16.6	.654	7.966	64.0	365	390.0	15.35	260 @ 8320	10.24 @ 1870
460678	ADS	3151	124.1	16.0	.623	8.511	52.5	300	409.3	16.11	260 @ 7840	10.24 @ 1760
460679	ADT	3210	126.4	16.1	.634	8.661	52.5	300	414.5	16.31	260 @ 8110	10.24 @ 1825
460681	ADW	3134	123.4	16.4	.646	8.440	58.0	330	406.7	16.01	260 @ 8510	10.24 @ 1915
460682	ADX	3114	122.6	16.8	.661	8.362	64.0	365	395.2	15.56	260 @ 8650	10.24 @ 1945
460683	ADY	3114	122.6	16.8	.661	8.362	64.0	365	400.3	15.76	260 @ 8980	10.24 @ 2020
460686	AFB	3112	122.5	17.2	.677	8.327	70.0	400	394.6	15.53	260 @ 9420	10.24 @ 2120

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Availability	
Manual	Standard with V6 engine less air conditioning
Power	Required option with V8 engines and V6 engines with air conditioning
Wheel	
Type	Round with center shroud
Diameter - mm (in)	38.1 (1.50)
Optional	Tilt
Column	Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions
Gear Type	
Manual	Recirculating ball nut
Power	Integral, recirculating ball nut with hydraulic pressure provided by a vane type pump
Gear Ratios	
Manual	24.0:1
Power	
V6 engines	15/13:1
V8 engines	15.0:1
Overall Gear Ratios	
Manual	28.1:1
Power	
V6 engines	16.5/14.3:1
V8 engines	
Sedans & Coupes	16.5:1
Station wagon & El Camino	17.6:1
Steering Wheel Turns, Lock to Lock	
Manual	5.3
Power	
V6 engines	3.2
V8 engines	3.3
Linkage	Parallelogram, front of wheels
Turning Diameter - m (feet)	
Outside front, wall to wall	
Sedan, Coupe, Station Wagon	12.2 (40.05)
El Camino	13.0 (42.66)
Outside front, curb to curb	
Sedan, Coupe, Station Wagon	11.3 (37.19)
El Camino	12.2 (39.89)

DRIVELINE

Type	Tubular, exposed
Number Used	One
Diameter (O.D.) - mm (in)	
108" Wheelbase	63.5 (2.50)
117" Wheelbase	82.6 (3.25)
Length (C/L of U joints)	
108" Wheelbase	1331.5 (52.4)
117" Wheelbase	1560.1 (61.4)
Wall Thickness	1.65 (0.065)
Universal Joints	
Type	Cross
Number	Two, Cardan
Bearings	Pre-pack, anti-friction

WHEELS, STANDARD

Type	Short spider disc, steel
Size	14 x 6
Offset	'0'
Attachment to Hub	
Type	5 hex nuts
Thread size	7/16-20 UNF 2B
Bolt circle diameter	120.6 mm (4.75)

WHEELS, OPTIONAL

Type	Rally, steel
Size	14 x 6
Offset	'0'

SPARE WHEEL (COMPACT TIRE)

Size	15 x 4
Availability	Sedans, Coupes, Station Wagons
Offset - mm (in)	25 (1.0)

SPARE WHEEL (GROUND TIRE)

Availability	
Base	El Camino

TIRES, STANDARD EQUIPMENT

Coupes and Sedans	
Type	Glass belted radial
Size	P185/75R-14B
Sidewall	
Base	Blackwall
Optional	White stripe
Static Loaded Radius - mm (in)	284.7 (11.21)
Loaded rev/km @ 72 km/h (rev/mi @ 45 mph)	520 (837)
Capacity @ 165 kPa (24 psi)	485 kg (1070 lb.)
Station Wagons	
Type	Glass belted radial
Size	P195/75R-14B
Sidewall	
Base	Blackwall
Optional	White stripe
Static loaded radius - mm (in)	290.6 (11.44)
Loaded rev/km @ 72 km/h	505
Loaded rev/mi @ 45 mph	813
Capacity @ 179 kPa (26 psi)	549 kg (1210 lb)
El Camino	
Type	Steel belted radial
Size	P205/75R-14B
Sidewall	
Base	Blackwall
Optional	Wide white stripe & white letter
Static loaded radius - mm (in)	287.8 (11.33)
Loaded rev/km @ 72 km/h	495
Loaded rev/mi @ 45 mph	797
Capacity @ 179 kPa (26 psi)	600 kg (1325 lb)

TIRES, OPTIONAL EQUIPMENT

Sedans, Coupes & Station Wagons	
Type	Steel belted radial
Size	P195/75R-14B & P205/75R-14B
Sidewall	
P195/175R-14B	White stripe (wide)
P205/75R-14B	White stripe (wide) & white letter with RPO F41 Sport Suspension

SPARE TIRE

Standard	
Coupe, Sedan, Station Wagon	Compact - T125/70-15*
El Camino	Same as ground tire

* Positraction rear axle uses space saver.

REAR AXLE AND SUSPENSION

REAR AXLE

Description Semi-floating axle shafts housing consists of two welded tubes pressed into crossbore of cast iron carrier. Carrier contains an overhung hypoid drive pinion and supported by two taper roller bearings.

Drive pinion vertical offset - mm (in) 38.1 (1.50)

Hypoid gear Pitch Diameter - mm (in) 191 (7.50)

Pinion bearing adjustment Shim

Lubricant

 Type GL-5 Gear Lubricant

 Viscosity 80W or 80W-90

 Capacity (pts) 1.54 litres (3.25 pts)

AXLE SHAFT

Type Forged with hardened steel with integral drive flange

Wheel bearings Single row cylindrical roller, one per wheel

Oil seal Steel encased spring loaded synthetic rubber

RING AND PINION GEAR TOOTH COMBINATIONS (See Power Train Section for application)

2.29 17, 39

2.41 17, 41

2.56 16, 41

2.73 15, 41

POSITRACTION DIFFERENTIAL (See Power Trains)

Type Multiple disc clutches

REAR SUSPENSION

Description Link type. 2 upper and 2 lower control arms supporting rear axle. Drive and torque taken through control arms.

Wheel travel (design) - mm (in)

 Total 220 (8.66)

 Jounce 107 (4.21)

 Rebound 113 (4.45)

 Wheel to spring travel ratio 0.97:1

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic; air booster type for El Camino

Piston diameter - mm (in) 25 (1.00)

STABILIZER BAR - OPTIONAL

Availability Sedans & Coupes

Type Link

Material Steel

Diameter - mm (in) 22 (0.866)

REAR AXLE AND SUSPENSION

REAR SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part No.	Assy. Code	Cut-Off Length		Wire Dia.		Total Coils	Deflection Rate		Heights			
		mm	in	mm	in		N/mm	lbs/in	Free		Working	
									mm	in	mm @ N	in @ lbs
485710	SS	2690	105.9	13.23	.521	6.36	17.5	100	406	16.0	254 @ 2670	10 @ 600
485711	TT	2690	105.9	13.23	.521	6.36	17.5	100	419	16.5	254 @ 2890	10 @ 650
485712	TD	2825	111.2	13.44	.529	6.63	17.5	100	432	17.0	254 @ 3110	10 @ 700
485713	WR	2960	116.6	13.64	.537	6.90	17.5	100	445	17.5	254 @ 3335	10 @ 750
485734	SW	2535	99.8	14.17	.558	6.01	24.5	140	363	14.28	254 @ 2670	10 @ 600
485735	TS	2535	99.8	14.17	.558	6.01	24.5	140	372	14.64	254 @ 2890	10 @ 650
485736	TA	2535	99.8	14.17	.558	6.01	24.5	140	381	15.00	254 @ 3110	10 @ 700
485737	ZZ	2740	107.8	14.53	.572	6.41	24.5	140	390	15.36	254 @ 3335	10 @ 750
485738	WU	2740	107.8	14.53	.572	6.41	24.5	140	399	15.71	254 @ 3560	10 @ 800
485739	WV	2845	112.0	14.71	.579	6.62	24.5	140	408	16.07	254 @ 3780	10 @ 850

Application		V6 Engine - Non-Air Conditioning	V8 Engine & V6 Engine w/Air Conditioning	
Type		Manual - Standard	Power Assisted - Required Option	
General	System	Dual circuit hydraulic system with warning lights and self-adjusting features - metering and proportioning valves provide balance between front and rear brakes.		
Front Brakes	Type	Disc - single piston - floating caliper		
	Material	Cast iron - vented		
	Diameter & width - mm (in)	266.7 x 26.2 (10.3 x 1.03)		
	Lining Material	Molded asbestos composition		
	Method of Attachment	Riveted		
	Lining Size (length x width x thickness)	Inboard - mm (in)	125 x 48.44 x 11.04 (4.92 x 1.91 x .435)	
		Outboard - mm (in)	125 x 48.44 x 11.04 (4.92 x 1.91 x .435)	
	Lining area - cm ² (in ²)	242.45 (37.59)		
	Eff. area - cm ² (in ²)	204.38 (31.69)		
	Swept Area - cm ² (in ²)	1236.32 (191.68)		
Piston diameter - mm (in)	63.5 (2.5)			
Rear Brakes	Type	Finned drum - composite, web cast into rim		
	Material	Web - HR steel; Rim - aluminum (a); cast iron (b)		
	Diameter & width - mm (in)	241 x 50.8 (9.5 x 2.0)		
	Lining material	Molded asbestos composition		
	Method of Attachment	Riveted		
	Lining Size (length x width x thickness)	Primary	mm in	192.49 x 51.0 x 4.98
		Secondary	mm in	7.58 x 2.0 x .196
	Lining area - cm ² (in ²)	249.61 x 51.0 x 6.75		
	Eff. area - cm ² (in ²)	9.83 x 2.0 x .266		
	Swept area - cm ² (in ²)	449.18 (69.64)		
Piston diameter - mm (in)	411.09 (63.73)			
	748.77 (116.09)			
	19.05 (0.75)			
Apply System	Master cylinder dia. - mm (in)	Manual - 22.2 (.874); Power - 24 (.94)	24 (.94)	
	Piston travel - mm (in)	Manual - 34.47 (1.36); Power - 33.33 (1.31)	33.33 (1.31)	
	Pedal travel - mm (in)	Manual - 206.9 (8.15); Power - 134.4 (5.29)	134.4 (5.29)	
	Pedal ratio	Manual - 6.29:1; Power - 3.50:1	3.50:1	
Parking Brake	Type	Mechanical - Pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided		
	Control	Pendulum foot pedal; released by 'T' handle located on instrument panel left of steering wheel		
	Total effective area - cm ² (in ²)	411.09 (63.73)		

(a) V8 engine equipped sedans and coupes and V6 engine equipped station wagons and pickups.

(b) V6 engine equipped sedans and coupes and V8 engine equipped station wagons and pickups.

(c) Base equipment on Station Wagons (model 1AT/AW35) and El Camino (model 1AW80).

BULBS AND LAMPS

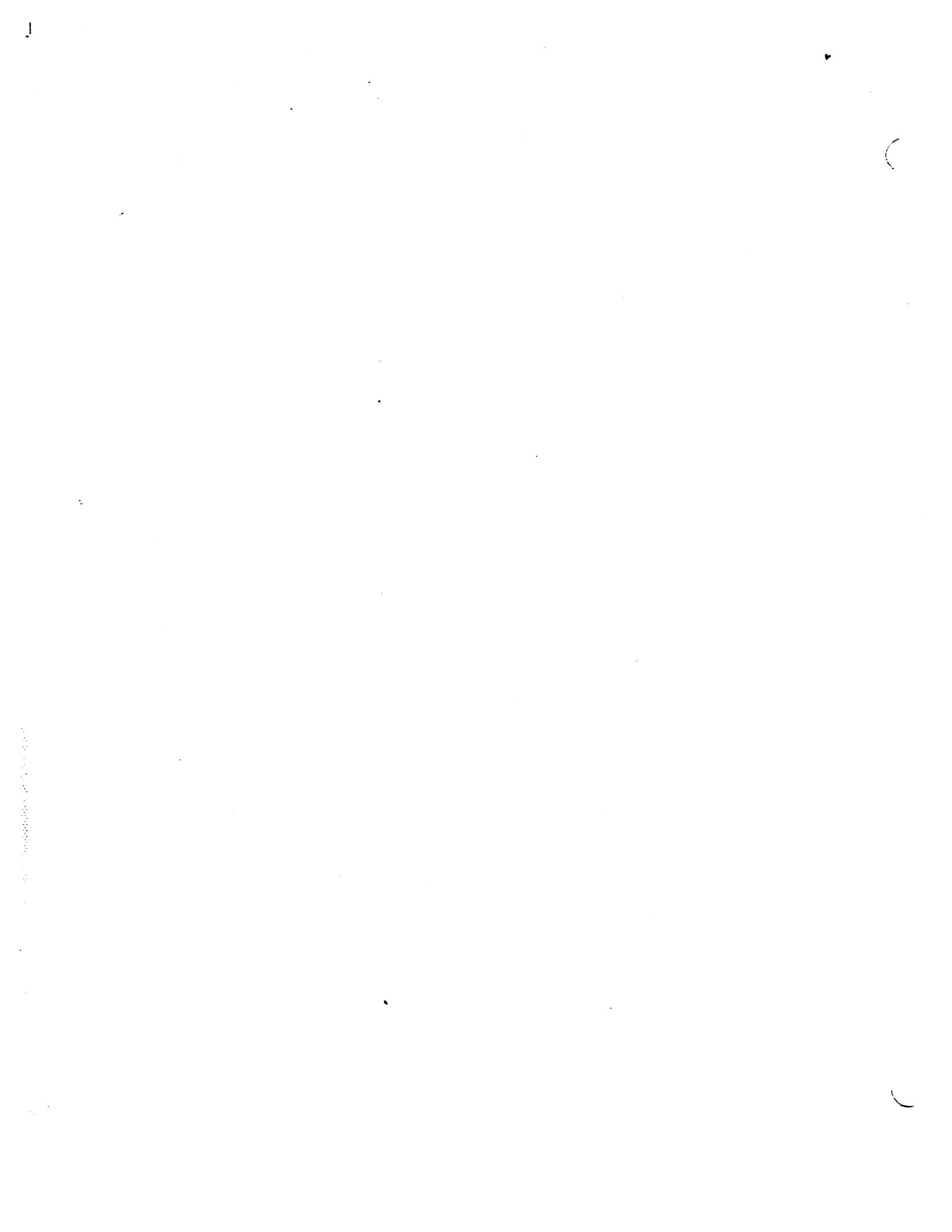
BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Ash tray lamp	1-1445	.7
Backing lamps	2-1156	32
Brake warning - alarm	1-194	2
Courtesy - Instrument panel	2-631	6 Malibu Classic
	2-906	6 Malibu
Directional signal indicators	2-168	3
Dome	1-561	12
Dome & Reading lamp	2-1004	15
Generator indicator	1-194	2
Glove compartment	1-1895	2
Headlamp	2-203	High beam 65W
		Low beam 55W
Headlamp hi-beam indicator	1-194	2
Heater or A/C controls	1-194	2
Instrument cluster	6-168	3
License plate, rear	2-194	2 Coupes & Sedans
	1-194	3 Station Wagons
	1-194	4 Pickups
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Parking		
Park	2-1157 NA	2.2
Turn		24
Radio dial RPO U63 and/or U69	1-1893	2
Radio dial and indicator RPO U58	1-216 (dial)	1-dial
	1-66 (indicator)	.1-indicator
Radio dial and indicator RPO UM1 and/or UM2	1-564 (dial)	2-dial
	DS410 (indicator)	Led (a)
Rear compl. courtesy lamp	1-562	6
Seat belt warning	1-194	2
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Tail	4-1157 Coupes & Sedan 4-1157 Station Wagons	3
		32
	Stop and turn	2-1157 Pickups
Temperature indicator	1-194	2
Underhood	1-93	15
W/S washer and light	1-194	2

(a) Light emitting diode.

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	30 amp fuse	In line
Back-up lamps	25 amp fuse	Fuse panel (h)
Brake indicator lamp	20 amp fuse	Fuse panel (b)
Cigarette lighter	10 amp fuse	Fuse panel (c)
Clock	20 amp fuse	Fuse panel (e)
Courtesy lamps	20 amp fuse	Fuse panel (e)
Defogging unit	20 amp fuse	Fuse panel (e)
Direction signal indicator lamps	10 amp fuse	Fuse panel (c)
Dome lamp	20 amp fuse	Fuse panel (b)
Fuel gage	20 amp fuse	Fuse panel (e)
Generator indicator lamp	10 amp fuse	Fuse panel (c)
Glove compartment lamp	10 amp fuse	Fuse panel (h)
Headlamps	20 amp fuse	Fuse panel (e)
Headlight buzzer	Circuit breaker	Light switch
Headlamps hi-beam indicator lamp	10 amp fuse	Fuse panel (c)
Heater	Circuit breaker	Light switch
Heater controls lamp	25 amp fuse	Fuse panel (h)
Idle stop solenoid	4 amp fuse	Fuse panel (f)
Instrument cluster lamps	10 amp fuse	Fuse panel (g)
Key buzzer	4 amp fuse	Fuse panel (f)
License plate lamp, rear	20 amp fuse	Fuse panel (e)
Luggage compartment lamp	20 amp fuse	Fuse panel (d)
Oil pressure indicator lamp	20 amp fuse	Fuse panel (e)
Override - headlight buzzer	10 amp fuse	Fuse panel (c)
Parking lamps	10 amp fuse	Fuse panel (c)
Power seats	20 amp fuse	Fuse panel (d)
Power windows	30 amp CB	Firewall
Radio	30 amp CB	Firewall
Radio lamp	10 amp fuse	Fuse panel (g)
Seat belt warning lamp	4 amp fuse	Fuse panel (f)
Seat belt warning buzzer	10 amp fuse	Fuse panel (c)
Side Marker lamp - Front	10 amp fuse	Fuse panel (c)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (d)
Speed cruise control	20 amp fuse	Fuse panel (d)
Stop and turn lamps	10 amp fuse	Fuse panel (c)
Tail lamps	20 amp fuse	Fuse panel (a)
Temperature indicator lamp	20 amp fuse	Fuse panel (d)
Traffic hazard indicator	10 amp fuse	Fuse panel (c)
Underhood lamp	20 amp fuse	Fuse panel (a)
Windshield header map	15 amp fuse	In line
Windshield washer light switch	10 amp fuse	Fuse panel (c)
Windshield wiper, two-speed	4 amp fuse	Fuse panel (f)
Wiper - pulse system	25 amp fuse	Fuse panel
	10 amp fuse	Fuse panel (g)

* Letter suffix indicates same circuit



POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS *			RING GEAR mm (in.)	I.W. CLASS Kg (lbs.)
			ALL STATES (a)		WITH ALT. RPO NA6		
			Base	Option			
3.3 Litre V6 (200 Cu. In.) – L26 Base – except California	3-Speed (3.50:1 low) (c)	Sedans & Coupes	2.73	–	–	191 (7.50)	1589 (3500)
		Station Wagon & El Camino	2.73				1589 (3500)
	3-Speed Automatic	Sedans & Coupes					1589 (3500)
		Station Wagon & El Camino	2.73	–	–		1589 (3500)
3.8 Litre V6 (231 Cu. In.) – LD5 Base – California Only	3-Speed Automatic	Sedans & Coupes	2.73	–	–	191 (7.50)	1589 (3500)
		Station Wagon & El Camino	2.73	–	–	1589 (3500)	
5 Litre V8 (305 Cu. In.) – LG3 Optional – All states	3-Speed Automatic	Sedans & Coupes	2.29	2.73	2.56 (c)	191 (7.50)	1589 (3500)
	4-Speed (2.85 low) (c)		2.73	–	–		1816 (4000)
	3-Speed Automatic	Station Wagon & El Camino	2.41	2.73	–		1816 (4000)
5.7 Litre V8 (350 Cu. In.) – LM1 Optional – All states	3-Speed Automatic	El Camino	2.41	2.73	2.73 (c)	191 (7.50)	1816 (4000)
	4-Speed (2.85 low) (c)		2.73	–	–		1816 (4000)
5.7 Litre V8 (350 Cu. In.) – LM1 Optional – except California	3-Speed Automatic	Station Wagon	–	–	2.73	191 (7.50)	1816 (4000)

* – Positraction axles available optionally; same ratios available with Air Conditioning.

(a) Also all California altitudes.

(c) Not available in California.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
3.3 Litre V6 Standard - All Models	2-Barrel	3-Speed	9.56	5.16	2.73	-	9.88	2.73
5.0 Litre V8 Optional - All Models	2-Barrel	4-Speed	7.78	5.51	3.69	2.73	7.78	2.73
5.7 Litre V8 Optional - El Camino only	4-Barrel	4-Speed	7.78	5.51	3.69	2.73	7.78	2.73

* Axle ratio x transmission ratio.

WITH AUTOMATIC TRANSMISSION

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
3.3 Litre V6 Standard - Sedans & Coupes exc. California	3-Speed Automatic	Drive	13.76:1 - 2.73:1	2.73
		Second	13.76:1 - 4.15:1	
		Low	13.76:1 - 6.88:1	
		Reverse	10.60:1 - 5.30:1	
3.8 Litre V6 Standard - Sedans & Coupes - Calif. only	3-Speed Automatic	Drive	13.76:1 - 2.73:1	2.73
		Second	13.76:1 - 4.15:1	
		Low	13.76:1 - 6.88:1	
		Reverse	10.60:1 - 5.30:1	
5 Litre V8 Optional - Sedans & Coupes - All states	3-Speed Automatic	Drive	11.54:1 - 2.29:1	2.29
		Second	11.54:1 - 3.48:1	
		Low	11.54:1 - 5.77:1	
		Reverse	8.88:1 - 4.44:1	
3.3 Litre V6 Standard - Station Wagons & El Camino exc. California	3-Speed Automatic	Drive	17.58:1 - 2.73:1	2.73
		Second	17.58:1 - 4.29:1	
		Low	17.58:1 - 7.48:1	
		Reverse	13.28:1 - 5.65:1	
3.8 Litre V6 Standard - Station Wagons & El Camino - California only	3-Speed Automatic	Drive	17.58:1 - 2.73:1	2.73
		Second	17.58:1 - 4.29:1	
		Low	17.58:1 - 7.48:1	
		Reverse	13.28:1 - 5.65:1	
5.0 Litre V8 Optional - Station Wagons & El Camino All states	3-Speed Automatic	Drive	15.52:1 - 2.41:1	2.41
		Second	15.52:1 - 3.78:1	
		Low	15.52:1 - 6.60:1	
		Reverse	11.72:1 - 4.99:1	
5.7 Litre V8 El Camino only - All states	3-Speed Automatic	Drive	15.52:1 - 2.41:1	2.41
		Second	15.52:1 - 3.78:1	
		Low	15.52:1 - 6.60:1	
		Reverse	11.72:1 - 4.99:1	
5.7 Litre V8 Station Wagon only All states except California	3-Speed Automatic	Drive	17.58:1 - 2.73:1	2.73
		Second	17.58:1 - 4.29:1	
		Low	17.58:1 - 7.48:1	
		Reverse	13.28:1 - 5.65:1	

* Axle ratio x transmission ratio.

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type		V6-OHV		V8-OHV		
Piston Displacement	Litres	3.3	3.8	5.0	5.7	
	Cu. In.	200	231	305	350	
Number of Cylinders		Six		Eight		
Bore and Stroke	Millimetres	88.9 x 88.4	96.5 x 86.4	94.89 x 88.4	101.6 x 88.4	
	Inches	3.50 x 3.48	3.80 x 3.40	3.736 x 3.48	4.0 x 3.48	
Compression Ratio		8.2:1	8.0:1	8.4:1	8.2:1	
Taxable (SAE)	Kilowatts	21.9	25.8	33.3	38.2	
	Horsepower	29.4	34.6	44.7	51.2	
Firing Order		1-6-5-4-3-2		1-8-4-3-6-5-7-2		
Idling Speed	Manual (in Neutral)	700	800	600	700	
	Automatic (in Drive)	600	600	500	500	
Compression Press. @	Kilopascals				1103	
Cranking Speed, Engine Hot	Lbs./sq. in.				160	
Power Plant Mounting		Two front and one rear				
Measurements	Length (a)	Millimetres	694.4	688.3	801.4	
		Inches	27.34	27.1	31.55	
	Height (b)	Millimetres	738.6	736.6	751.8	724.4
		Inches	29.08	29.0	29.60	28.52
	Width (c)	Millimetres	720.6		724.7	
		Inches	28.37		28.53	

- (a) Fan clutch to rear of engine block.
 (b) Top of air cleaner to bottom of oil pan.
 (c) Exhaust manifold to air cleaner snorkel.

ADVERTISED ENGINE RATING

Engine Designation		3.3 Litre V6 (200 Cu. In.)	3.8 Litre V6 (231 Cu. In.)	5.0 Litre V8 (305 Cu. In.)	5.7 Litre V8 (350 Cu. In.)
Availability		RPO L26	RPO LD5	RPO LG3	RPO LM1
Carburetor		Two Bbl.	Two Bbl.	Two Bbl.	Four Bbl.
Net Brake - RPM	Federal	Kilowatts	71 @ 3800	—	108 @ 3800
		Horsepower	95 @ 3800	—	145 @ 3800
	California	Kilowatts	—	78 @ 3400	101 @ 3800
		Horsepower	—	105 @ 3400	135 @ 3800
Net Torque - RPM	Federal	Newton/Metre	217 @ 2000	—	332 @ 2400
		Pound/Foot	160 @ 2000	—	245 @ 2400
	California	Newton/Metre	—	244 @ 2000	325 @ 2000
		Pound/Foot	—	185 @ 2000	240 @ 2000

ENGINE SPEED AND PISTON TRAVEL

3.3 AND 3.8 LITRE V6 ENGINE (RPO L26 AND LD5)

Model Availability		Sedans & Coupes		Station Wagons		El Camino		
Transmission		3-Speed	3-Speed Automatic	3-Speed	3-Speed Automatic	3-Speed	3-Speed Automatic	
Rear Axle Ratio		2.73		2.73		2.73		
Tire Size		P185/75R-14		P195/75R-14		P205/75R-14		
Crankshaft Revolutions per	Kilometre	1419.6		1378.7		1351.4		
	Mile	2285.0		2219.5		2175.8		
Crankshaft RPM @ 1 Kilometre/Hour & 1 Mile/Hour	Low	km/h	51.5	37.0	50.1	39.2	49.0	38.4
		m/h	133.4	96.0	129.5	101.4	127.1	99.5
	Second	km/h	26.6	22.3	25.9	22.5	25.3	22.0
		m/h	69.0	57.9	67.0	58.1	65.7	57.0
	Third	km/h	14.7	14.7	14.3	14.3	14.0	14.0
		m/h	38.1	38.1	37.0	37.0	36.3	36.3
	Reverse	km/h	53.2	28.5	51.8	29.6	50.7	29.0
		m/h	137.9	73.9	133.9	76.6	131.4	75.1
Piston Travel (3.3 Litre)	Millimetre/Kilometre	823.4		799.7		783.9		
	Feet/Mile	1325.3		1287.3		1262.0		
Piston Travel (3.8 Litre)	Millimetre/Kilometre	-	804.8	-	781.6	-	766.1	
	Feet/Mile	-	1294.8	-	1257.7	-	1232.9	

5.0 LITRE V8 ENGINE (RPO LG3)

Model Availability		Sedans & Coupes		Station Wagons		El Camino		
Transmission		4-Speed	3-Speed Automatic	4-Speed	3-Speed Automatic	4-Speed	3-Speed Automatic	
Rear Axle Ratio		2.73	2.29	2.73	2.41	2.73	2.41	
Tire Size		P185/75R-14		P195/75R-14		P205/75R-14		
Crankshaft Revolutions per	Kilometre	1419.6	1190.8	1378.7	1217.1	1351.4	1193.0	
	Mile	2285.0	1916.7	2219.5	1959.3	2175.8	1920.8	
Crankshaft RPM @ 1 Kilometre/Hour & 1 Mile/Hour	Low	km/h	41.9	33.7	40.8	31.8	39.9	31.2
		m/h	108.6	87.4	105.5	82.4	103.5	80.6
	Second	km/h	29.7	19.3	28.9	19.2	28.3	18.8
		m/h	77.0	50.1	74.7	49.7	73.3	48.6
	Third	km/h	19.8	12.3	19.3	12.6	18.9	12.4
		m/h	51.4	31.9	50.0	32.7	49.0	32.0
	Fourth	km/h	14.7	-	14.3	-	14.0	-
		m/h	38.1	-	37.0	-	36.3	-
Reverse	km/h	41.9	25.5	40.8	24.4	39.9	24.1	
	m/h	108.6	66.0	105.5	63.4	103.5	62.1	
Piston Travel	Millimetre/Kilometre	823.4	690.7	799.7	706.0	783.9	690.4	
	Feet/Mile	1325.3	1111.7	1287.3	1136.4	1262.0	1114.1	

5.7 LITRE V8 ENGINE (RPO LM1)

Model Availability		Station Wagon		El Camino	
Transmission		3-Speed Automatic		4-Speed	3-Speed Automatic
Rear Axle Ratio		2.73		2.73	2.41
Tire Size		P195/75R-14		P205/75R-14	
Crankshaft Revolutions per	Kilometre	1378.7		1351.4	1193.0
	Mile	2219.5		2175.8	1920.8
Crankshaft RPM @ 1 Kilometre/Hour & 1 Mile/Hour	Low	km/h	39.2	39.9	31.2
		m/h	101.4	103.5	80.6
	Second	km/h	22.5	28.3	18.8
		m/h	58.1	73.3	48.6
	Third	km/h	14.3	18.9	12.4
		m/h	37.0	49.0	32.0
	Fourth	km/h	-	14.0	-
		m/h	-	36.3	-
Reverse	km/h	29.6	39.9	24.1	
	m/h	76.6	103.5	62.1	
Piston Travel	Millimetre/Kilometre	799.7		783.9	690.4
	Feet/Mile	1287.3		1262.0	1114.1

VEHICLE PERFORMANCE FACTORS

ENGINE	3.3 Litre 200 Cu. In. 95 HP 71 kW	3.8 Litre 231 Cu. In. 105 HP 78 kW	5.0 Litre 305 Cu. In. 145 HP 108 kW	5.7 Litre 350 Cu. In. 170 HP 127 kW
MODEL	1A127	1A119	1A119	1A180

3-SPEED TRANSMISSION

Performance	Mass-Kilograms	1674
	Weight-Pounds	3691
Kilograms per Net Kilowatt	Federal	23.58
	California	-
Pounds per Net Horsepower	Federal	38.85
	California	-
Kilograms per Litre Displacement		507.3
Pounds per Cu. In. Displacement		18.5
Net kW/Litre Displacement	Federal	21.5
	California	-
Net HP/Cu. In. Displacement	Federal	.475
	California	-
Power Displacement	Litre/kilometre	82.76
	Cu. Ft./mile	132.23
Displacement		Litre/tonne kilometre
Factor		Cu. Ft./ton mile
		71.65

4-SPEED TRANSMISSION

Performance	Mass-Kilograms	1750	1664
	Weight-Pounds	3859	3668
Kilograms per Net Kilowatt	Federal	16.20	13.10
	California	17.33	13.98
Pounds per Net Horsepower	Federal	26.61	21.58
	California	28.58	22.92
Kilograms per Litre Displacement		350.0	291.9
Pounds per Cu. In. Displacement		12.65	10.48
Net kW/Litre Displacement	Federal	21.60	22.28
	California	20.20	20.88
Net HP/Cu. In. Displacement	Federal	.475	.486
	California	.443	.457
Power Displacement	Litre/kilometre	125.4	136.1
	(Cu. Ft./mile)	201.7	220.4
Displacement		Litre/tonne kilometre	65.0
Factor		Cu. Ft./ton mile	104.5
			120.2

3-SPEED AUTOMATIC

Performance	Mass-Kilograms	1690	1700	1763	1677
	Weight-Pounds	3717	3749	3887	3698
Kilograms per Net Kilowatt	Federal	23.86	-	16.32	13.20
	California	-	21.79	17.45	14.09
Pounds per Net Horsepower	Federal	39.13	-	26.81	21.75
	California	-	35.70	28.79	23.11
Kilograms per Litre Displacement		512.1	447.4	352.6	294.2
Pounds per Cu. In. Displacement		18.59	16.12	12.74	10.57
Net kW/Litre Displacement	Federal	21.52	20.52	21.66	22.28
	California	-	20.52	20.20	20.88
Net HP/Cu. In. Displacement	Federal	.475	.455	.475	.486
	California	-	.455	.443	.457
Power Displacement	Litre/kilometre	82.77	95.3	105.2	120.1
	Cu. Ft./mile	132.2	152.7	169.2	194.5
Displacement		Litre/tonne kilometre	44.43	50.85	54.11
Factor		Cu. Ft./ton mile	71.13	81.46	87.06
					105.2

GLOSSARY (English equivalent is bracketed)

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

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore Diameter - mm. (in.)	
3.3 Litre V6	88.786-88.964 (3.4955-3.5025)
3.8 Litre V6	96.52 (3.800)
5.0 Litre V8	94.882-94.958 (3.7355-3.7385)
5.7 Litre V8	101.587-101.663 (3.9995-4.0025)
Bearing Caps (No., material & attachment)	
3.3 Litre V6	4, 2-bolt, cast iron
3.8 Litre V6	4, 2-bolt, cast iron
5.0 & 5.7 Litre V8	5 cast iron, 2-bolt
Water Jacket	Full length around each cylinder
Bore Spacing (G to C) - mm. (in.)	
3.3 Litre V6	113.8 (4.48)
3.8 Litre V6	107.7 (4.24)
5.0 & 5.7 Litre V8	111.8 (4.4)

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
3.3 Litre V6	16; 11 mm (.4375) dia.
3.8 Litre V6	16; 14 threads/in.
5.0 & 5.7 Litre V8	34; 11 mm (.4375) dia., 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center) - cm ³ (in. ³)	
3.3 Litre V6	76.4 (4.66)
3.8 Litre V6	
5.0 Litre V8	84.1 (5.13)
5.7 Litre V8	102.7 (6.27)

INLET MANIFOLD

Material	
3.3 Litre V6	Cast aluminum
3.8 Litre V6	Cast alloy iron
5.0 Litre V8	Cast aluminum
5.0 Litre V8	
Sedans & Coupes	Cast aluminum
Station Wagon & El Camino	Cast iron
5.7 Litre V8	Cast alloy iron
Type	
3.3 Litre V6	6 port, single deck
3.8 Litre V6	6 port, single deck
5.0 & 5.7 Litre V8	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
3.3 Litre V6	Dual, 6-port, rear downtake
3.8 Litre V6	Dual, 6-port, rear downtake
5.0 & 5.7 Litre V8	Dual 4-port, rear downtake
Outlet Diameter - mm (in.)	
3.3 Litre V6	Left - 46.74 (1.84) Right - 47.75 (1.88)
3.8 Litre V6	44.5 (1.75)
5.0 & 5.7 Litre V8	50.8 (2.0)

CRANKSHAFT

Material	Nodular cast iron
End Play	
3.3 Litre V6	0.05-0.18 (.002-.007)
3.8 Litre V6	0.08-0.23 (.003-.009)
5.0 & 5.7 Litre V8	.051-.178 (.002-.007)
Counterweights	
3.3 Litre V6	6
3.8 Litre V6	6
5.0 & 5.7 Litre V8	6
Crank Arm Length - mm (in.)	
3.3 Litre V6	44.2 (1.74)
3.8 Litre V6	49.8 (1.96)
5.0 & 5.7 Litre V8	44.2 (1.74)
Torsional Damper	Rubber mounted inertia
Timing Gear	
3.3 Litre V6	Steel sprocket & chain
3.8 Litre V6	Sintered iron; sprocket & chain
5.0 & 5.7 Litre V8	Sintered iron; sprocket & chain
Pulley Pitch Diameter	168.7 mm (6.64)

MAIN BEARINGS

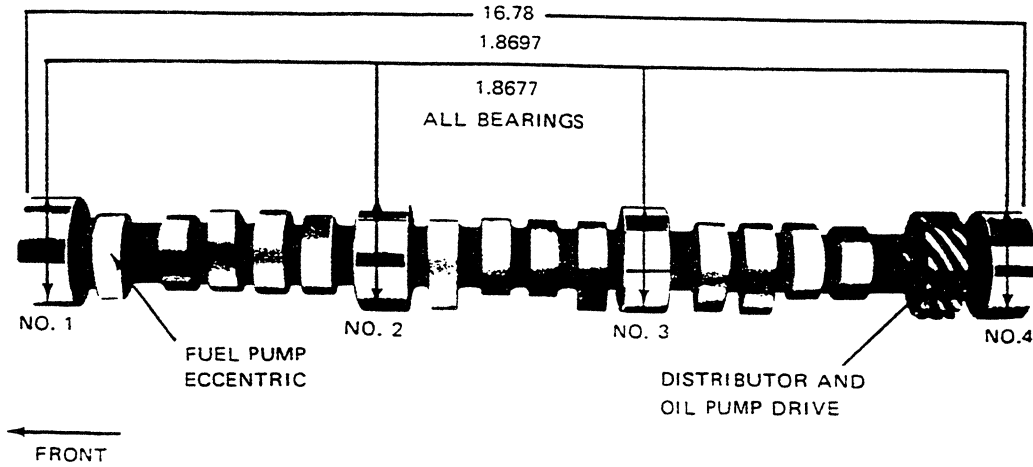
Material	Steel backed insert (copper lead alloy on premium aluminum lining selected for specific engine application)
Type	Precision, removable
Thrust Against Bearing	
3.3 Litre V6	No. 4
3.8 Litre V6	No. 2
5.0 & 5.7 Litre V8	No. 5
Clearance - mm (in.)	
3.3 Litre V6	No. 1, 2, 3, - 0.051-0.089 (.0020-.0035) No. 4 - 0.013-0.038 (.0005-.0015)
3.8 Litre V6	No. 1, 2, 3, 4 - .010-.040 (.0004-.0017)
5.0 & 5.7 Litre V8	No. 1 - .020-.051 (.0008-.0020) No. 2, 3, 4 - .028-.058 (.0011-.0023) No. 5 - .043-.084 (.0017-.0033)

Dimension	Theoretical Inner Dia.		Effective Length		Projected Area	
	mm	in	mm	in	cm ²	in ²
3.3 Litre V6						
No. 1	62.202	2.4489	20.37	.802	12.668	1.964
No. 2-3	62.194	2.4486	20.37	.802	12.668	1.964
No. 4	62.255	2.4510	29.386	1.153	18.228	2.826
3.8 Litre V6						
No. 1, 3, 4	63.487	2.4995	21.95	.864	13.932	2.160
No. 2	63.487	2.4995	26.85	1.057	17.041	2.642
5.0 & 5.7 Litre V8						
No. 1-4	62.235	2.4502	19.10	.752	11.887	1.843
No. 5	62.250	2.4508	29.97	1.180	18.653	2.892

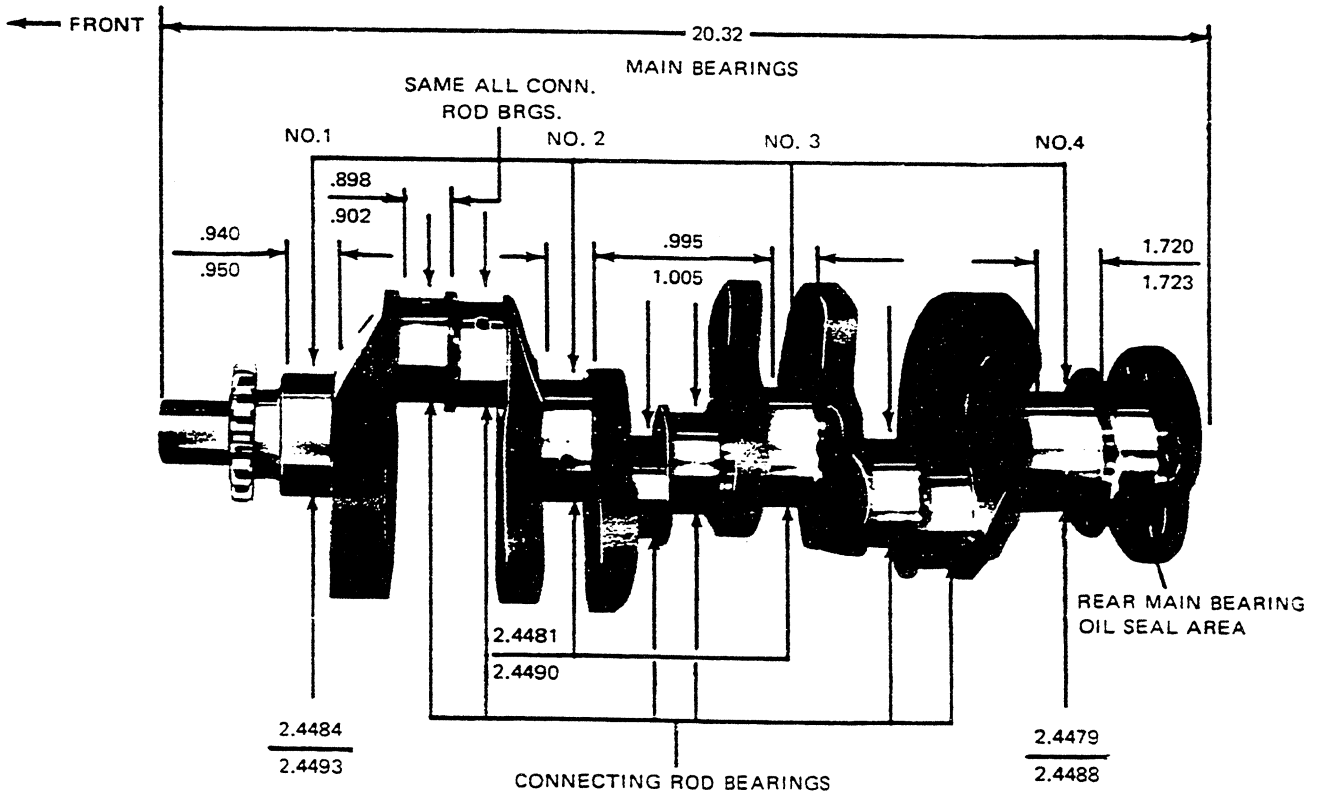
PRINCIPAL COMPONENTS

3.3 LITRE V6 ENGINE

CAMSHAFT AND BEARINGS



CRANKSHAFT AND BEARINGS



CAMSHAFT

Material Cast iron
 Drive
 3.3 Litre V6 Sprocket & chain; cast iron
 3.8 Litre V6 Sprocket & chain; aluminum,
 nylon coated
 5.0 & 5.7 Litre V8 Sprocket & chain; nylon
 teeth with aluminum head

Lobe Lift

	Inlet		Exhaust	
	mm	in.	mm	in.
3.3 Litre V6	6.309	.2484	6.942	.2733
3.8 Litre V6	6.368	.2507	6.104	.2403
5.0 Litre V8	6.309	.2484	6.774	.2667
5.7 Litre V8	6.604	.2600	6.942	.2733

Camshaft Bearing Steel backed babbit

VALVE TRAIN

Type . . . Individually mounted, overhead rocker arms,
 pushrod actuated
 Rocker Arms Stamped steel
 Ratio
 3.3 Litre V6 1.5:1
 3.8 Litre V6 1.55:1
 5.0 & 5.7 Litre V8 1.5:1
 Push Rods
 Type Hollow steel
 Ends Hardened
 Rotators
 3.3 Litre V6 Exhaust
 3.8 Litre V6 None
 5.0 & 5.7 Litre V8 Exhaust

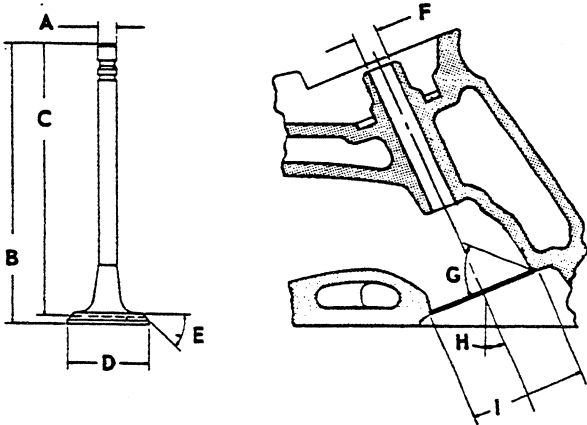
VALVE SPRINGS

Diameter
 3.3 Litre V6 22.05-22.45 (.868-.884)
 3.8 Litre V6 22.15-22.56 (.872-.888)
 5.0 & 5.7 Litre V8 22.05-22.45 (.868-.884)
 Installed Length – N @ mm (lb @ in.)
 Valve Closed
 3.3 Litre V6 338.1-373.6 @ 43.2
 (76-84 @ 1.70)
 3.8 Litre V6 262.5-306.9 @ 43.87
 (59-69 @ 1.727)
 5.0 & 5.7 Litre V8
 Inlet 341.088-376.99 @ 43.2
 (76-84 @ 1.70)
 Exhaust 341.088-376.992 @ 41.0
 (76-84 @ 1.61)
 Valves Opened
 3.3 Litre V6 862.9-916.3 @ 31.7
 (194-206 @ 1.25)
 3.8 Litre V6
 Inlet 702.8-756.2 @ 34.04
 (159-169 @ 1.34)
 Exhaust 774.0-845.2 @ 34.04
 (174-190 @ 1.34)
 5.0 Litre V8
 Inlet 773.9-827.3 @ 31.7
 (174-186 @ 1.25)
 Exhaust 818.4-871.8 @ 29.5
 (184-196 @ 1.16)
 Free length – mm (in.)
 3.3 Litre V6 51.56 (2.03)
 3.8 Litre V6 51.56 (2.03)
 5.0 & 5.7 Litre V8 51.56 (2.03)
 Valve Spring Damper
 3.3 Litre V6 Flat steel, 4 coils
 3.8 Litre V6 Flat steel, 4 coils
 5.0 & 5.7 Litre V8 Flat steel, 4 coils

PRINCIPAL COMPONENTS

INLET VALVES

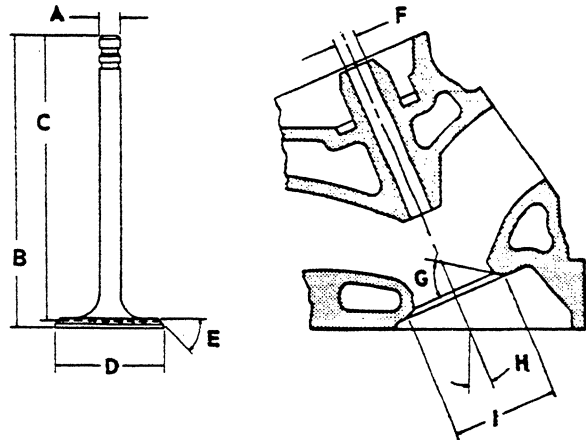
Material	Alloy steel
Coating	
3.3 Litre V6	None
3.8 Litre V6	None
5.0 Litre V8	Aluminized face
5.7 Litre V8	None
All stems	Chrome flash



A - Stem Diameter - mm (in)	
3.3 Litre V6	8.661-8.679 (.3410-.3417)
3.8 Litre V6	8.641-8.666 (.3402-.3410)
5.0 & 5.7 Litre V8	8.661-8.679 (.3410-.3417)
B - Overall Length - mm (in)	
3.3 Litre V6	125.296-125.397 (4.9329-4.9369)
3.8 Litre V6	118.36-119.13 (4.660-4.690)
5.0 Litre V8	124.51-125.02 (4.902-4.922)
5.7 Litre V8	123.70-124.18 (4.870-4.889)
C - Gage Length - mm (in)	
3.3 Litre V6	122.044-122.298 (4.8049-4.8149)
3.8 Litre V6	116.21-116.59 (4.575-4.590)
5.0 & 5.7 Litre V8	121.539-121.793 (4.785-4.795)
D - Overall Head Diameter - mm (in)	
3.3 Litre V6	40.51-40.77 (1.595-1.605)
3.8 Litre V6	41.28 (1.625)
5.0 Litre V8	43.56-43.82 (1.715-1.725)
5.7 Litre V8	49.15-49.40 (1.935-1.945)
E - Angle of Face (°)	
F - Guide Dia. - mm (in)	8.70-8.73 (.3427-.3437)
G - Angle of Seat (°)	
3.3 Litre V6	46
3.8 Litre V6	45
5.0 & 5.7 Litre V8	46
H - Valve Angle (°)	
3.3 Litre V6	23
3.8 Litre V6	
5.0 & 5.7 Litre V8	23
I - Valve Seat (Cutter) Diameter - mm (in)	
3.3 Litre V6	46.7 (1.84)
3.8 Litre V6	
5.0 & 5.7 Litre V8	46.30-46.46 (1.823-1.829)

EXHAUST VALVES

Material	High alloy steel
Coating	
3.3 Litre V6, 5.0 & 5.7 Litre V8	Aluminum face
3.8 Litre V6	Nickel plated
All Stems	Chrome flash



A - Stem Diameter - mm (in)	
3.3 Litre V6	8.661-8.679 (.3410-.3417)
3.8 Litre V6	8.649-8.666 (.3405-.3412)
5.0 & 5.7 Litre V8	8.661-8.679 (.3410-.3417)
B - Overall Length - mm (in)	
3.3 Litre V6	124.71-125.22 (4.910-4.930)
3.8 Litre V6	118.95-119.71 (4.683-4.713)
5.0 & 5.7 Litre V8	124.71-125.22 (4.910-4.930)
C - Gage Length - mm (in)	
3.3 Litre V6	122.07-122.33 (4.806-4.816)
3.8 Litre V6	116.21-116.59 (4.575-4.590)
5.0 & 5.7 Litre V8	121.44-121.69 (4.781-4.791)
D - Overall Head Diameter - mm (in)	
3.3 Litre V6	34.92-35.18 (1.375-1.385)
3.8 Litre V6	36.20 (1.425)
5.0 & 5.7 Litre V8	37.97-38.23 (1.495-1.505)
E - Angle of Face (°)	
F - Guide Diameter - mm (in) 8.70-8.73 (.3427-.3437)	
G - Angle of Seat (°)	
3.3 Litre V6	46
3.8 Litre V6	45
5.0 & 5.7 Litre V8	46
H - Valve Angle (°)	
3.3 Litre V6	23
3.8 Litre V6	
5.0 & 5.7 Litre V8	23
I - Valve Seat (Cutter) Diameter - mm (in)	
3.3 Litre V6	38.1 (1.50)
3.8 Litre V6	
5.0 & 5.7 Litre V8	33.55-33.71 (1.321-1.327)

PRINCIPAL COMPONENTS

VALVE LIFT

3.3 Litre V6	
Inlet	9.47 (.373)
Exhaust	10.41 (.410)
3.8 Litre V6	
Inlet	9.73 (.383)
Exhaust	9.30 (.366)
5.0 Litre V8	
Inlet	9.467 (.3727)
Exhaust	10.414 (.4100)
5.7 Litre V8	
Inlet	9.906 (.3900)
Exhaust	10.414 (.4100)

VALVE TIMING (Crankshaft Degrees — Excluding Ramps)

3.3 Litre V6	
Inlet Valve	
Opens — °BTC	34
Closes — °ABC	86
Duration	300
Exhaust Valve	
Opens — °BBC	88
Closes — °ATC	52
Duration	320
3.8 Litre V6	
Inlet Valve	
Opens — °BTC	17
Closes — °ABC	73
Duration	270
Exhaust Valve	
Opens — °BBC	68
Closes — °ATC	29
Duration	277
5.0 Litre V8	
Inlet Valve	
Opens — °BTC	28
Closes — °ABC	64
Duration	272
Exhaust Valve	
Opens — °BBC	78
Closes — °ATC	30
Duration	288
5.7 Litre V8	
Inlet Valve	
Opens — °BTC	28
Closes — °ABC	72
Duration	280
Exhaust Valve	
Opens — °BBC	78
Closes — °ATC	30
Duration	288

PISTONS

Material	Cast aluminum alloy
Head Type	
3.3 Litre V6	Sump
3.8 Litre V6	Dished
5.0 & 5.7 Litre V8	Sump
Skirt Type	Slipper
Top Land Clearance — mm (in)	
3.3 Litre V6	0.05-0.09 (.020-.036)
3.8 Litre V6	1.17-1.42 (.046-.056)
5.0 Litre V8	0.622-.851 (.0245-.0335)
5.7 Litre V8	0.597-.825 (.0235-.0325)
Skirt Clearance — mm (in)	
3.3 Litre V6	0.013-.038 (.0005-.0015)
3.8 Litre V6	0.020-.050 (.0008-.0020)
5.0 Litre V8	0.043-.107 (.0017-.0042)
5.7 Litre V8	0.018-.043 (.0007-.0017)
Compression Ring Groove Depth — mm (in)	
3.3 Litre V6	5.372-5.499 (.2115-.2165)
3.8 Litre V6	5.088-5.265 (.2003-.2073)
5.0 Litre V8	5.634-5.862 (.2218-.2308)
Oil Ring Groove Depth — mm (in)	
3.3 Litre V6	5.906-6.032 (.2325-.2375)
3.8 Litre V6	5.342-5.570 (.2103-.2193)
5.0 Litre V8	5.177-5.342 (.2038-.2103)
Pin Bore Offset — mm (in)	
3.3 Litre V6	1.40-1.65 (.055-.065)
3.8 Litre V6	1.02 (.040)
5.0 & 5.7 Litre V8	1.40-1.65 (.055-.065)
Compression Height	
3.3 Litre V6	39.57-39.67 (1.558-1.562)
3.8 Litre V6	39.57-39.67 (1.558-1.562)

PISTON PINS

Material	
3.3 Litre V6	Chromium Steel
3.8 Litre V6	Extruded SAG 1018
5.0 & 5.7 Litre V8	Chromium steel
Length — mm (in)	
3.3 Litre V6	69.60-170.10 (2.740-2.760)
3.8 Litre V6	73.66 (2.90)
5.0 & 5.7 Litre V8	75.95-76.45 (2.990-3.010)
Diameter — mm (in)	
3.3 Litre V6	23.546-23.553 (.9270-.9273)
3.8 Litre V6	23.853-23.860 (.9391-.9394)
5.0 & 5.7 Litre V8	23.546-23.553 (.9270-.9273)
Clearance in Piston — mm (in)	
3.3 Litre V6	0.0038-.0076 (.00015-.00030)
3.8 Litre V6	0.010-.038 (.0004-.0007)
5.0 & 5.7 Litre V8	0.0063-.0089 (.00025-.00035)

PRINCIPAL COMPONENTS

COMPRESSION RINGS – UPPER

Material	Cast Alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
3.3 Litre V6	Chrome flash
3.8 Litre V6	Molybdenum
5.0 & 5.7 Litre V8	Chrome flash
Width – mm (in)	
3.3 Litre V6	1.968-1.981 (.0775-.0780)
3.8 Litre V6	1.96-1.98 (.077-.078)
5.0 Litre V8	1.956-1.981 (.0770-.0780)
5.7 Litre V8	1.969-1.981 (.0775-.0780)
Wall Thickness – mm (in)	
3.3 Litre V6	3.91-4.17 (.154-.164)
3.8 Litre V6	4.27-4.52 (.168-.178)
5.0 Litre V8	4.24-4.50 (.167-.177)
5.7 Litre V8	4.83-5.08 (.190-.200)
Gap – mm (in)	
3.3 Litre V6	0.25-0.50 (.010-.020)
3.8 Litre V6	0.33-.58 (.013-.023)
5.0 & 5.7 Litre V8	0.25-.51 (.010-.020)

COMPRESSION RINGS – LOWER

Material	Cast alloy iron
Type	Reverse twist
Face	Tapered
Coating	
3.3 Litre V6	Wear resistant
3.8 Litre V6	Lubrited
5.0 & 5.7 Litre V8	Wear resistant
Width – mm (in)	
3.3 Litre V6	1.956-1.981 (.0770-.0780)
3.8 Litre V6	1.96-1.98 (.077-.078)
5.0 & 5.7 Litre V8	1.956-1.968 (.0770-.0775)
Wall Thickness – mm (in)	
3.3 Litre V6	3.91-4.17 (.154-.164)
3.8 Litre V6	4.27-4.52 (.168-.178)
5.0 Litre V8	4.24-4.50 (.167-.177)
5.7 Litre V8	4.83-5.08 (.190-.200)
Gap – mm (in)	
3.3 Litre V6	0.25-0.50 (.010-.020)
3.8 Litre V6	0.33-0.58 (.013-.023)
5.0 Litre V8	0.25-0.63 (.010-.025)
5.7 Litre V8	0.33-0.63 (.013-.025)

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled) – mm (in)	
3.3 Litre V6	4.52-4.62 (.178-.182)
3.8 Litre V6	3.43-3.61 (.135-.142)
5.0 Litre V8	4.722-4.773 (.1859-.1879)
5.7 Litre V8	4.699-4.750 (.1850-.1870)
Wall Thickness – mm (in)	
3.3 Litre V6	3.51-3.66 (.138-.144)
3.8 Litre V6	3.76-3.86 (.148-.152)
5.0 Litre V8	3.51-3.63 (.138-.143)
5.7 Litre V8	3.81-3.96 (.150-.156)
Gap – mm (in)	
3.3 Litre V6	0.25-0.76 (.010-.030)
3.8 Litre V6	0.38-0.89 (.015-.035)
5.0 Litre V8	0.25-0.89 (.010-.035)
5.7 Litre V8	0.38-1.40 (.015-.055)
Rail Coating	Chrome plated

CONNECTING RODS

Material	
3.3 Litre V6	1037 or 1038 steel
3.8 Litre V6	Pearlitic malleable iron
5.0 & 5.7 Litre V8	Drop forged steel
Length (center to center) – mm (in)	
3.3 Litre V6	144.65-144.91 (5.695-5.705)
3.8 Litre V6	151.4 (5.96)
5.0 & 5.7 Litre V8	144.65-144.91 (5.695-5.705)

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance – mm (in)	
3.3 Litre V6	0.025-0.063 (.0010-.0025)
3.8 Litre V6	0.010-0.070 (.0005-.0026)
5.0 & 5.7 Litre V8	0.033-0.089 (.0013-.0035)
Theoretical I.D. – mm (in)	
3.3 Litre V6	53.355 (2.1006)
3.8 Litre V6	
5.0 & 5.7 Litre V8	53.370 (2.1012)
Effective Length – mm (in)	
3.3 Litre V6	16.97 (.668)
3.8 Litre V6	16.61 (.654)
5.0 & 5.7 Litre V8	20.24 (.797)
End Play – mm (in)	
3.3 Litre V6	0.15-0.38 (.006-.015)
3.8 Litre V6	0.15-0.58 (.006-.023)
5.0 & 5.7 Litre V8	0.14-0.41 (.006-.016)

FUEL TANK

Capacity – Litres (Gallons)	
Station Wagon	68.9 (18.2) approximately
Sedans and Coupes	68.5 (18.1) approximately
El Camino	
Standard	66.2 (17.5) approximately
Optional	83.3 (22.0) approximately
Fuel Tank Location	Under floor behind rear axle
Fuel Filler Location	
Sedans and Coupes	Behind hinged rear license plate
Station Wagons & El Camino	Left rear quarter panel

FUEL FILTERS, DUAL

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

FUEL PUMP ASSEMBLY

Type	Mechanical diaphragm
Drive	Camshaft, eccentric
Location	
3.3 Litre V6	Right front side of engine
3.8 Litre V6	Left front side of engine
5.0 & 5.7 Litre V8	Right front side of engine
Pressure Range – kPa (PSI)	
3.3 Litre V6	31.0-41.4 (4.50-6.00)
3.8 Litre V6	29.3-39.6 (4.25-5.75)
5.0 & 5.7 Litre V8	51.7-62.1 (7.50-9.00)

AIR CLEANER

Type	Cylindrical with air horn attached to ducted air inlet
Diameter – mm (in)	
3.3 Litre V6	304.8 (12.00)
3.8 Litre V6	374.7 (14.75)
5.0 & 5.7 Litre V8	374.7 (14.75)
Filter Element	Closed paper

CARBURETORS

Make and Type	
3.3 Litre V6	2-Barrel
3.8 Litre V6	2-Barrel
5.0 Litre V8	2-Barrel
5.7 Litre V8	4-Barrel
SAE Flange Type – mm (in)	38.1 (1.50)
Throttle Bore – mm (in)	
3.3 Litre V6	34.9 (1.375)
3.8 Litre V6	36.5 (1.4375)
5.0 Litre V8	42.9 (1.69)
5.7 Litre V8	
Primary	35.0 (1.38)
Secondary	57.2 (2.25)
Secondary Throttle Actuation	By linkage approximately when primary valves are opened halfway between closed and open
Venturi Diameter – mm (in)	
3.3 Litre V6	30.9 (1.218)
3.8 Litre V6	27.8 (1.093)
5.0 Litre V8	30.2 (1.1875)
5.7 Litre V8	
Primary	30.9 (1.218)
Secondary	Air valve

CHOKE

Type	
3.3 & 3.8 Litre V6	Electric
5.0 & 5.7 Litre V8	Integral hot air

EXHAUST SYSTEMS

TYPE

3.3 & 3.8 Litre V6	.....	Single with crossover pipes and converter
5.0 & 5.7 Litre V8	.....	Single with crossover pipes and converter

MUFFLERS

Type	.....	Oval, reverse flow
Construction	.....	Heads and body joined by rolled lock seam
Head - mm (in)	.....	1.22 (.048)
		aluminized sheet steel
Shell - mm (in)	.....	0.79 (.031)
		aluminized sheet steel
Cover - mm (in)	.....	0.31 (.015)
		aluminized sheet steel
Body - mm (in)		
Length		
3.3 & 3.8 Litre V6	.....	508.0 (20.0)
5.0 & 5.7 Litre V8	.....	558.0 (22.0)
Width	.....	235.0 (9.25)
Height	.....	127.0 (5.0)

EXHAUST CROSSOVER PIPE

Dimensions (O.D.) & Wall Thickness - mm (in)	
3.3 Litre V6	..... 50.8 X 1.02 (2.0 X .040) laminated
3.8 Litre V6	..... 50.8 X 1.80 (2.0 X .071) laminated
5.0 Litre V8	..... 50.8 X 1.02 (2.0 X .040) laminated
5.7 Litre V8	..... 50.8 X 1.02 (2.0 X .040) laminated

EXHAUST PIPE TO CONVERTER

Dimensions (O.D.) & Wall Thickness - mm (in)	
3.3 Litre V6	..... 57.15 X 1.80 (2.25 X .071)
3.8 Litre V6	..... 57.15 X 1.80 (2.25 X .071)
5.0 Litre V8	..... 57.15 X 1.80 (2.25 X .071)
5.7 Litre V8	..... 63.5 X 1.80 (2.50 X .071)

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimensions (O.D.) & Wall Thickness - mm (in)	
3.3 Litre V6	..... 57.15 X 1.40 (2.25 X .055)
3.8 Litre V6	..... 44.50 X 1.40 (1.75 X .055)
5.0 Litre V8	..... 50.80 X 1.40 (2.0 X .055)
5.7 Litre V8	..... 57.15 X 1.40 (2.25 X .055)

TAIL PIPES

Dimensions (O.D.) & Wall Thickness - mm (in)	
3.3 Litre V6	..... 50.8 X 1.40 (2.0 X .055)
3.8 Litre V6	..... 50.8 X 1.50 (2.0 X .060)
5.0 Litre V8	..... 57.15 X 1.40 (2.25 X .055)
5.7 Litre V8	..... 50.8 X 1.40 (2.0 X .055)

SYSTEM APPLICATION

System Type	Engine Adaptation			
	V6-3.3L	V6-3.8L	V8-5.0L	V8-5.7L
PCV – Positive Crankcase Ventilation	*	**	***	***
EGR – Exhaust Gas Recirculation	*	**	***	***
CHA – Carburetor Hot Air	*	**	***	***
MAI – Manifold Air Injection	–	**	** (a)	** (a)
FEC – Fuel Evaporation Control System	*	**	***	***
CCS – Controlled Combustion System	*	–	* (b)	* (b)
UFC – Underfloor converter	*	**	***	***
EFE – Early Fuel Evaporation	*	**	***	***

- * – Not available in California.
- ** – California only.
- *** – Available – all states.
- (a) And above 4000 feet.
- (b) Below 4000 Feet only.

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

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

EXHAUST GAS RECIRCULATION SYSTEM

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

CARBURETOR HOT AIR

Meters and mixes heated air with incoming cold air to optimize fuel evaporation.

MANIFOLD AIR INJECTION

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

FUEL EVAPORATION CONTROL SYSTEM

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

CONTROLLED COMBUSTION SYSTEM

Increased combustion efficiency through leaner carburetor mixtures and revised distributor calibration. Special thermostatically controlled damper, in the air cleaner snorkel maintains warm air intake to carburetor.

UNDERFLOOR CONVERTER

The flow of exhaust gases down through the catalyst within the converter, effectively controls the hydrocarbon and carbon monoxide to a more desirable emission

EARLY FUEL EVAPORATION

System is designed to produce a very short engine warm-up cycle to improve vehicle driveability and reduce exhaust emission.

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
3.3 & 3.8 Litre V6	Splash
5.0 & 5.7 Litre V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
3.3 & 3.8 Litre V6	Splash and nozzle
5.0 & 5.7 Litre V8	Centrifugally oiled from camshaft bearing
Oil Pressure Sending Unit	Electric
Oil Filler	
Cap	Positive seal
Location	Left valve rocker cover

OIL PAN CAPACITIES – LITRES (QUARTS)

Refill	3.78 (4.0)
Refill with Filter Change	
3.3 & 3.8 Litre V6	4.02 (4.25)
5.0 & 5.7 Litre V8	4.25 (4.50)

LUBRICANT GRADES AND TEMPERATURES

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

OIL PUMP

Type	Gear
Regulator Valve	Opens between 275.8-310.3 kPa (40-45 PSI)
Oil Pressure – kPa (PSI) @ Engine RPM	
3.3 Litre V6	234-269 (34-39) @ 2000
3.8 Litre V6	255 (37) @ 2400
5.0 & 5.7 Litre V8	310.3 (45) @ 2000
Intake Type	Fixed pickup with screen
Capacity – l/km (GPM) @ engine RPM	10.12 (4.3) @ 2000

OIL FILTER

Type	Full flow, throwaway canister
Location	
3.3 Litre V6	Left rear side of engine
3.8 Litre V6	Right front side of engine
5.0 & 5.7 Litre V8	Left rear side of engine
Capacity – Litres (Quarts)	
3.3 & 3.8 Litre V6	0.24 (0.25)
5.0 & 5.7 Litre V8	0.473 (0.50)
Bypass Valve	Opens between 62-76 kPa (9-11 PSI) drop in pressure

OIL DIPSTICK LOCATION

3.3 Litre V6	Right side, center of engine block
3.8 Litre V6	Left side, center of engine block
5.0 & 5.7 Litre V8	Left side, rear of engine block

OIL PAN DRAIN PLUG

Type	Hex head
Location	
3.3 Litre V6	Left lower face of oil pan sump
3.8 Litre V6	Lower face of oil pan sump
5.0 & 5.7 Litre V8	Left lower face of oil pan sump
Size of Hex Head	.860-.875
Thread	1/2-20 UNF 2A
Length	0.81
Diameter	0.410-.430

COOLING SYSTEM

GENERAL

Type	Pressure vented through coolant recovery system
Capacity with Heater – Litres (Quarts)	
3.3 Litre V6	17.73 (18.7)
3.8 Litre V6	14.79 (15.6)
5.0 Litre V8	18.13 (19.2)
5.7 Litre V8	18.13 (19.2)

RADIATOR

Type	Cross flow, tube and center
Core Constant and Thickness	
Distance Between Fins – mm (in)	
3.3 Litre V6	7.62 (.30)
3.8 Litre V6	7.11 (.28)
5.0 Litre V8	6.35 (.25) Man.; 5.59 (.22) Auto.
5.7 Litre V8	
Station Wagon	4.06 (.16)
El Camino	5.59 (.22) Man.; 4.57 (.18) Auto.
Distance Between Tubes	13.97 (.55)
Thickness of Core – mm (in)	
3.3 Litre V6	31.5 (1.24)
3.8 Litre V6	31.5 (1.24)
5.0 Litre V8	31.5 (1.24)
5.7 Litre V8	31.5 (1.24)
Frontal Area – cm ² (in ²)	
V6	2877 (446)
V8	2877 (446)
Overflow	Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)

Core Constant and Thickness	
Distance Between Fins – mm (in)	
3.3 Litre V6	6.35 (.25)
3.8 Litre V6	4.57 (.18)
5.0 Litre V8	4.57 (.18) Man.; 4.57 (.18) Auto.
5.7 Litre V8	
Station Wagon	4.57 (.18)
El Camino	4.57 (.18) Man.; 5.08 (.20) Auto.
Distance Between Tubes	13.97 (.55)
Thickness of Core – mm (in)	
3.3 & 3.8 Litre V6	31.5 (1.24)
5.0 Litre V8	31.5 (1.24)
5.7 Litre V8	49.8 mm (1.96 in.)
Frontal Area – cm ² (in ²)	
V6	2877 (446)
V8	2877 (446)
Overflow	Separate coolant bottle

RADIATOR CAP RELIEF VALVE

Opens at – kPa (PSI) Approximately 103.4 (15)

THERMOSTAT

Type	Pellet
Begins to Open At – °C (°F)	89-92 (192-198)
Fully Open At – °C (°F)	108 (227)

RADIATOR HOSE

Outlet, Lower (Radiator to Water Pump)	
Number and Type	One, molded
Inner Diameter – mm (in)	38.1 (1.50)
Inlet, Upper (Thermostat hsg. To Radiator)	
Number and Type	One, molded
Inner Diameter	38.1 (1.50)

FAN

Number of Blades	4, staggered
Diameter – mm (in.)	
3.8 Litre V6	508 (20)
3.3 Litre V6, 5.0 & 5.7 Litre V8	483 (19)
Fan Pulley P.D. – mm (in)	177.8 (7.00)

BELTS – CRANKSHAFT, FAN AND GENERATOR

Number Used	One
Angle of “V”	34-38°
Pitch Line – mm (in)	
3.3 Litre V6	1130.3 (44.5)
3.8 Litre V6	1104.9 (43.5)
5.0 & 5.7 Litre V8	
All States Except Calif.	1130.3 (44.5)
Used in California	1194 (47.0)
Width – mm (in)	9.65 (.380)

WATER PUMP

Type	Centrifugal
Capacity – Litres (GPM) @ Engine RPM	
3.3 Litre V6	
3.8 Litre V6	
5.0 & 5.7 Litre V8	85.9 (22.7) @ 2000
Bearing	Permanently lubricated double row ball
Drive	Fan belt
Ratio (Pump to Engine RPM)	0.949:1

DRAIN LOCATIONS AND TYPE

Engine Block – Plug	
V6 Engine	Right and left center
V8 Engine	Right and left center
Radiator – Petcock	
All Engines	Bottom face right side

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating and Watts 12-3200
 Cold Cranking Rating 80 min. res. cap.
 Terminal Grounded Negative
 Location Right front side of engine compartment

GENERATOR

Type Diode rectified
 Rating
 Amps
 3.3 Litre V6 37
 3.8 Litre V6 42
 5.0 & 5.7 Litre V8 37
 Volts 12-15
 Driven By Fan belt
 Pulley Pitch Dia. - mm (in) (61.7) 2.43
 Ratio (Generator to Engine Speed) 2.73:1

REGULATOR

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

IGNITION SYSTEM

Type High Energy System (H.E.I.)
 Distributors Refer to chart below

COIL

Type Integral with distributor cap

SPARK PLUGS

Type

3.3 Litre V6 R45TS
 3.8 Litre V6 R46TSX
 5.0 & 5.7 Litre V8 R45TS
 Thread Size - mm 14
 Gap
 3.3 Litre V6 1.14 (.045)
 3.8 Litre V6 1.52 (.060)
 5.0 & 5.7 Litre V8 1.14 (.045)
 Torque - N-m (lb. ft.) 34 (25)

CABLE Linen core impregnated with electrical conducting material and insulation of rubber with neoprene jacket.

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View) Clockwise
 Motor Drive
 Engagement Positive shift solenoid
 Number of Teeth
 Pinion 9
 Flywheel
 3.3 Litre 153
 3.8 Litre 160
 5.0 & 5.7 Litre V8 168

DISTRIBUTORS	3.3 Litre V6 RPO L26	3.8 Litre V6 RPO LD5	5.0 Litre V8 RPO LG3		5.7 Litre V8 RPO LM1		
Model	1110696	(1110731)	1103281	(1103282)	1103337	1103353	(1103285)
Type	High Energy Ignition						
Centrifugal Advance begins @ RPM	0 @ 1000	0 @ 1000	0 @ 1000	0 @ 1000	0 @ 1000	0 @ 1000	0 @ 1000
Maximum Degrees @ RPM	20 @ 2800	15 @ 3600	20 @ 3800	20 @ 3800	22 @ 4600	22 @ 4600	22 @ 4200
Vacuum Advance begins @ kPa (in. hg.)	0 @ 10.1	0 @ 16.7	0 @ 13.5	0 @ 13.5	0 @ 13.5	0 @ 13.5	0 @ 13.5
	(0 @ 3)	(0 @ 5)	(0 @ 4)	(0 @ 4)	(0 @ 4)	(0 @ 4)	(0 @ 4)
Max. Degrees @ kPa (in. hg.)	16 @ 21.9	16 @ 28.0	18 @ 40.5	20 @ 33.8	24 @ 33.8	20 @ 33.8	10 @ 27.0
	(16 @ 6.5)	(16 @ 8)	18 @ 12)	(20 @ 10)	(24 @ 12)	(20 @ 10)	(10 @ 8)
Timing (Initial Design Setting) Crankshaft Degrees @ RPM	8° @ 700/N	15°	4 @ 600/N	4 @ 500/D	6 @ 700/N	6 @ 500/D	8° @ 500/D
	8° @ 600/D			(6 @ 500/D)			
Timing Mark Location	Torsional Damper						

Data in brackets () specific to California.

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type – Litres	3.3 Litre V6	5.0 Litre V8	5.7 Litre V8
	Availability	RPO L26	RPO LG3	RPO LM1
Type		Single dry disc, centrifugal		
Clutch Cover & pressure plate	Eff. plate load – Newtons (lbs.)	9340-10230 (2100-2300)		
	Press. plate mat.	Cast iron		
	Clutch spring type	Diaphragm		
	Clutch spring matl.	Heat treated spring steel		
Driven plate	Type	Single disc with two friction surfaces		
	Cushions	Flat spring steel between friction rings		
	Dampers	10 coil springs (5 sets of two)		
	Friction rings	OD-mm (in)	262.6 (10.34)	
		ID-mm (in)	165.1 (6.50)	
		Total area cm ² (in ²)	655.2 (101.58)	
		Material	Woven type asbestos	
Flywheel & Ring Gear	Flywheel Material	Cast iron		
Ring gear	Material	Heat treated HR steel		
	No. of teeth	153		
	P.D.-mm (in)	323.9 (12.75)	355.6 (14.0)	
	Attachment	Shrink fit		
Bearings	Release	Type	Single row ball	
		Lubrication	None, prepacked	
	Pilot	Type	Bronze bushing	
		Lubrication	Sintered oil impregnated	
Controls	Clutch fork	Drop forged steel, pivot mounted on ball		
	Pedal mounting	Pendant, from brace on dash		
	Lubrication	Crossover shaft		
Clutch housing material		Aluminum alloy		

3 & 4-SPEED MANUAL TRANSMISSIONS

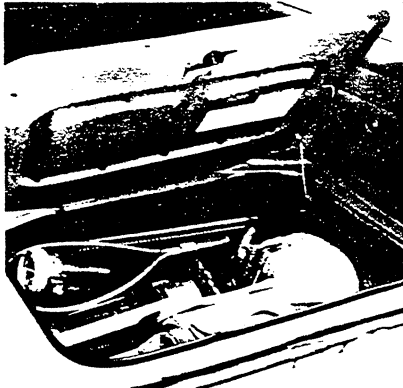
Transmission Type		3-Speed	4-Speed		
Engine	Type-Litres (cu. in.)	3.3 (200) V6	5.0 (305) V8	5.7 (350) V8	
Application	Availability	RPO L26	RPO LG3	RPO LM1	
Case Material		Cast Iron			
Gear Shift	Type	Remote			
	Control	Lever			
	Location	Floor Mounted			
Gears	Type	Helical			
	Material	Forged steel hardened			
	Synchronization	All forward gears			
	Constant mesh gear	All gears	All forward gears		
	Sliding gears	None	Reverse		
	Ratio	First	3.50	2.85	
		Second	1.89	2.02	
		Third	1.00	1.35	
Fourth		-	1.00		
Reverse		3.62	2.85		
Lubricant	Type	GL-5 Gear lubricant			
	Capacity-Litres (pts)	1.42 (3.0)			
Extension	Material	Cast iron			
	Oil Seal	Steel encased seal of spring loaded silicone			

TRANSMISSIONS

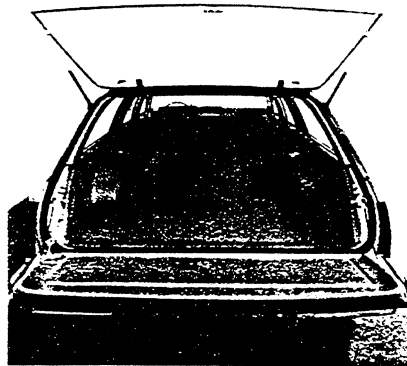
THREE-SPEED AUTOMATIC TRANSMISSION

Engine	Displacement - Litre (cu. in.)	3.3 (200) & 3.8 (231) V6; 5.0 (305) V8	3.3 (200 & 3.8 (231) V6; 5.0 (305) & 5.7 (350) V8	
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.		
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling	Water		
Hydraulic System	Flywheel assembly	Steel stamping with welded on ring gear		
	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump		
	Type	Steel spool valve		
	Valves	Manual	Establishes range of transmission operation	
		Pressure regulator	Provides main line pressure	
		Shift (1-2)	Controls oil pressure for transmission shift from 1-2 or 2-1	
		Shift (2-3)	Controls oil pressure for transmission shift from 2-3 or 3-2	
	Modulator	Regulates line pressure with modulator oil pressure which varies with torque to transmission		
	Accumulator	Provides greater flexibility in attaining desired shift quality for various engine requirements		
	Pressure @ Idle (b)	Drive	55	60
		L2	80	87
		L1	80	87
		Reverse	84	91
Converter Assembly	Pump (Drive member)	Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing		
	Turbine (Driven member)	Steel axial flow blades assembled between inner & outer steel shells		
	Stator assembly	Aluminum multivane type blades mounted on a one way (overrunning) roller clutch		
	Stall ratio	2.35	2.00	
	Stall speed (RPM)	2110		
	Diameter (nominal)	298.4 (11.75)		
Planetary Gear Set	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.74 - 1.57 - 1.00	2.52:1 - 1.52:1 - 1.00:1
		L2 (Low two)	2.74 - 1.57	2.52:1 - 1.52:1
		L1 (Low one)	2.74	2.52:1
		R (Reverse)	2.07	1.93:1
Servo Unit	Piston with release spring and inner cushion spring			
Case	Material	Aluminum		
Clutches	Type	Three, multiple disk	Four, multiple disk	
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch	4 each drive & driven plates	5 each drive & driven plates	
	Direct clutch	3 each drive & driven plates	4 each drive & driven plates	
	Intermediate clutch	3 each drive & driven plates	3 each drive & driven plates	
	Low & Reverse clutch	4 each drive & driven plates	5 each drive & driven plates	
	Release spring	Radial row steel coil		
Torque Multiplication	Drive (maximum)	6.44:1 to 1.00:1	5.04:1 to 1.00	
	Low 2	6.44:1 to 1.57:1	5.04:1 to 1.52	
	Low 1	6.44:1 to 2.74:1	5.04:1 to 2.52	
	Reverse	4.86:1 to 2.07:1	3.86:1 to 1.93	
Governor	Type	Cross-axis centrifugal		
	Operation	Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves		
Lubricant	Type	Dexron II		
	Capacity	Dry-litres (pts.)	9.46 (20)	
		Refill-litres (qts.)	3.8 (8)	

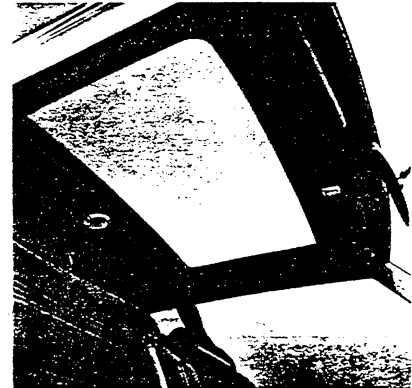
- (a) Floor mounted available when optional console bucket seats are used; quadrant changes to P-R-N-3-2-1.
 (b) Conditions: 600 RPM input



Lockable Security Package available on wagons



New Swing-Down Tailgate on Wagons



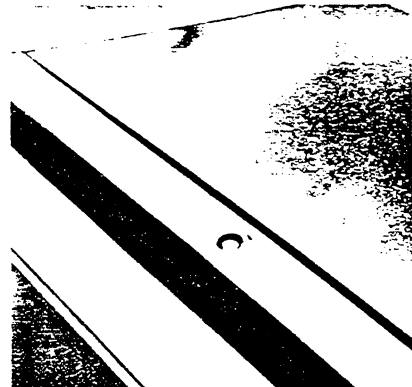
Power Sky Roof Available for Coupes



Adjustable Rear Vent Windows for Sedan and Wagon



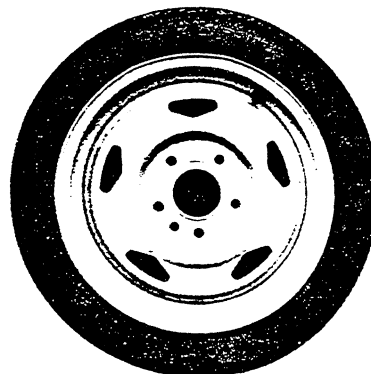
New 50/50 Front Seat with Dual-Folding Center Armrests Available on Malibu Classic



New Power-Operated Radio Antenna Available



Automatic Time-Delay Dome Light Included with Available Auxiliary Lighting



New Compact Spare Tire for Added Luggage Space

The new Malibu standard compact spare tire is approximately 30% lighter, fully inflated and contributes to over a cubic foot of additional usable luggage space compared to a regular spare tire. It is easier to handle and install, and when properly inflated (60 psi) is designed for up to 3,000 miles of tread life at speeds up to 50 miles per hour without any noticeable difference in ride.

STANDARD MALIBU VALUE FEATURES CONTINUED FOR 1978

Engine/Chassis

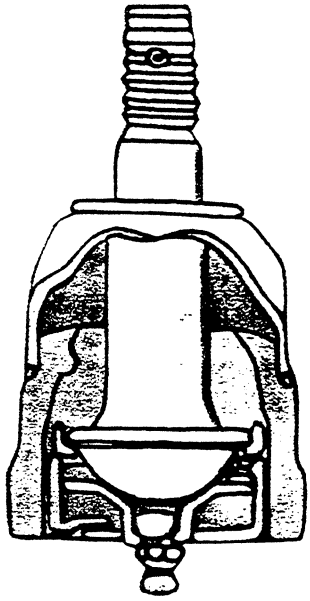
- Front disc/rear drum brake system
- Disc brake audible wear sensors
- Delcotron generator with built-in solid-state regulator
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Perimeter frame
- Steel bumpers with high strength aluminum reinforcements, rear bumper on wagons is steel reinforced
- Visible ball joint wear indicators on front suspension lower control arms
- High Energy Ignition system
- Coolant recovery system helps prevent costly coolant loss
- GM Specification fiberglass-belted radial ply tires
- Early Fuel Evaporation systems on all engines for quick warm-up
- Full Coil suspension system with computer-selected springs
- Front ride stabilizer
- Forward-mounted recirculating ball steering gear and linkage
- Dual horns on Malibu Classic and Landau, available Malibu

Body

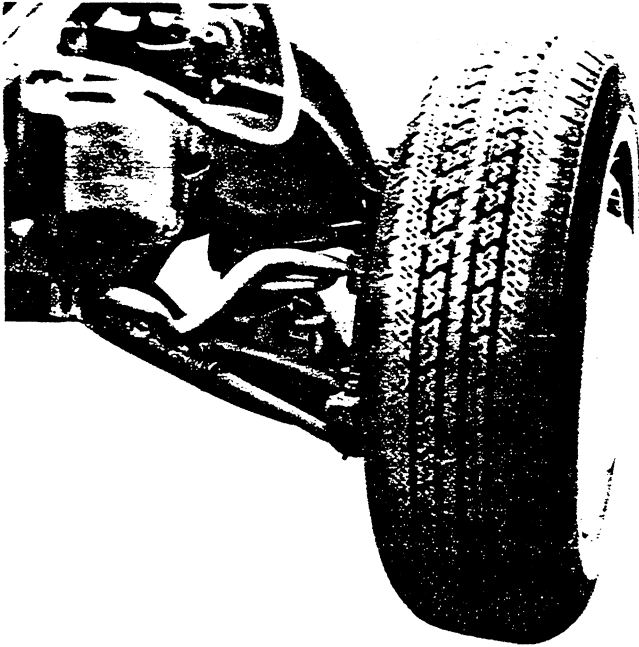
- Double-panel door, hood and deck lid construction
- Special acoustical quiet package on Malibu Classic and Landau, available Malibu
- Extensive anti-corrosion protection
- Flow-through ventilation system
- Hide-A-Way dual speed electric windshield wipers
- Non-articulated windshield wipers for quiet operation
- Cushioned body mounting system effectively isolates passenger area from road noise and vibration
- Inner fenders front and rear for corrosion protection

Interior

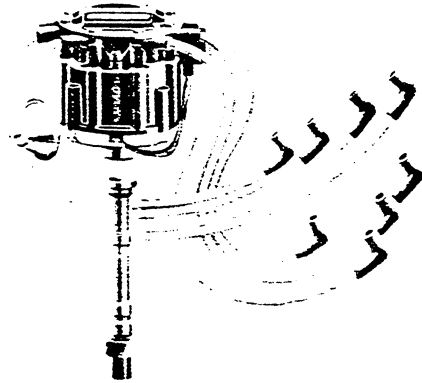
- Molded full foam seat construction
- Convenient single retractor front seat belt system
- Inside hood release for under-hood security
- Foam-backed cloth headlining
- Color-keyed cut-pile carpeting
- Day/night rearview mirror
- Color-keyed steering column and steering wheel
- Glove compartment lock
- Glove compartment light on Malibu Classic and Landau, available Malibu



Front Suspension Control Arm Ball Joint Wear Indicators



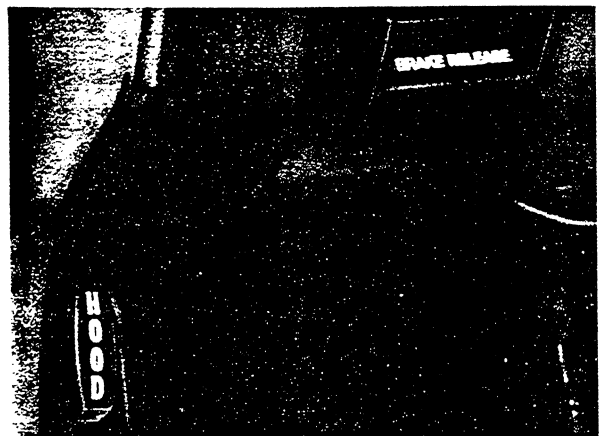
Radial-Tuned Full Coil Suspension System



High Energy Ignition System



Front Disc Brake with Audible Wear Sensor

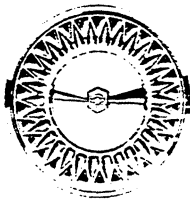
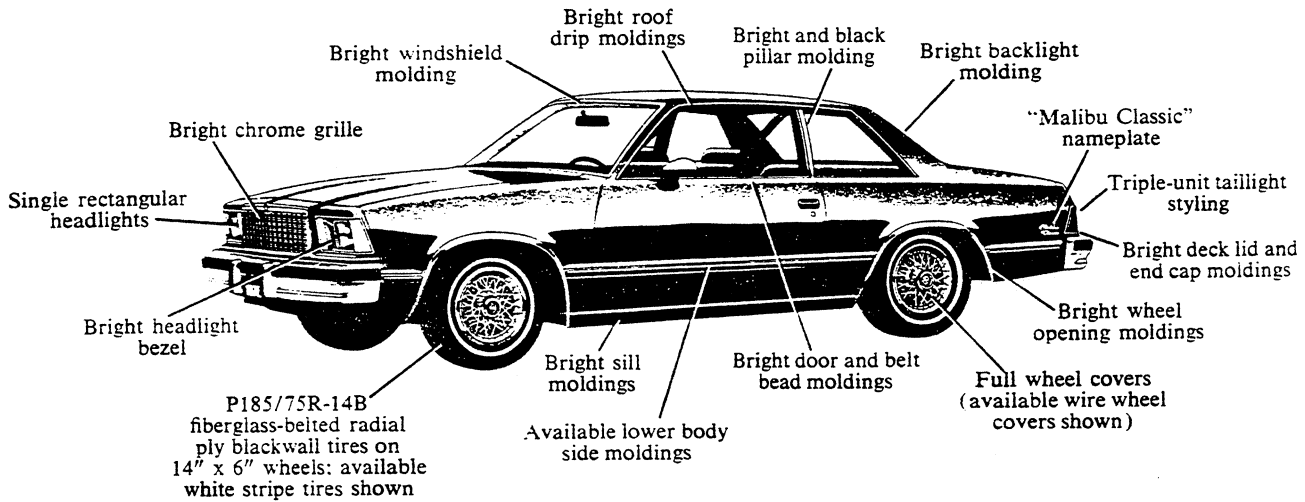
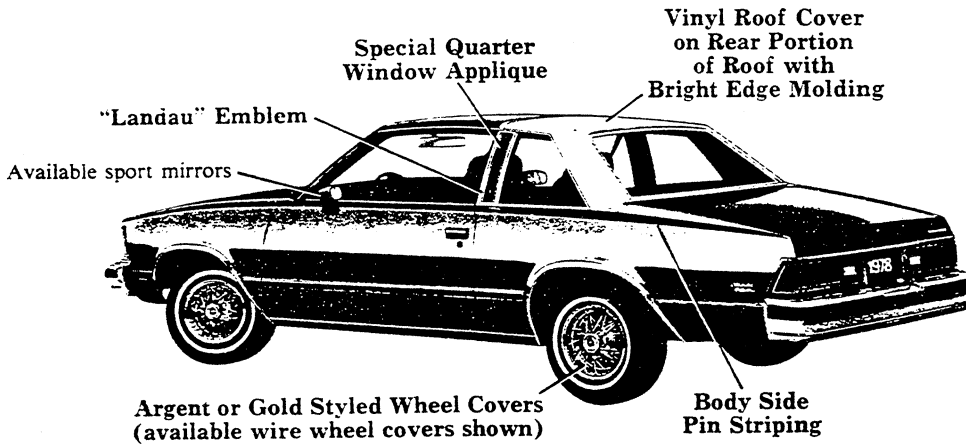


Convenient Inside Hood Release

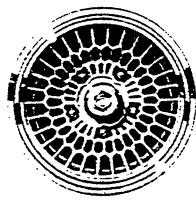
MALIBU CLASSIC

Landau Coupe and Sport Coupe

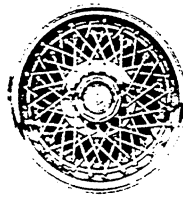
Special Landau Features Shown in Bold Face



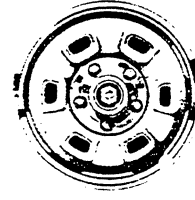
Full Wheel Cover
Standard on Sport Coupe;
Not Available for Landau



Sport Wheel Cover
in Argent or Gold Finish
Argent (RPO PB2) Standard
on Landau; Available for
Sport Coupe. Gold (RPO 55P)
Available for Both Landau and
Sport Coupe



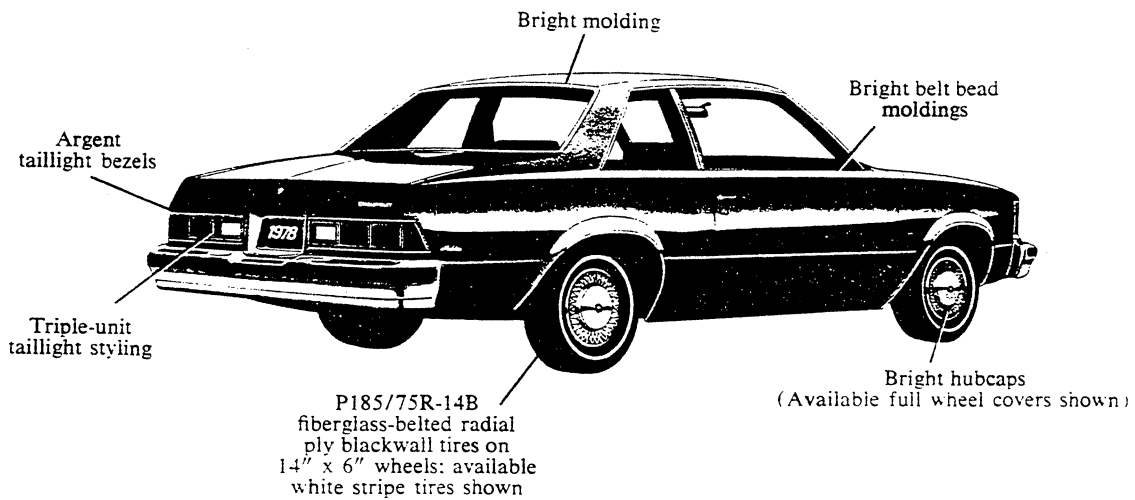
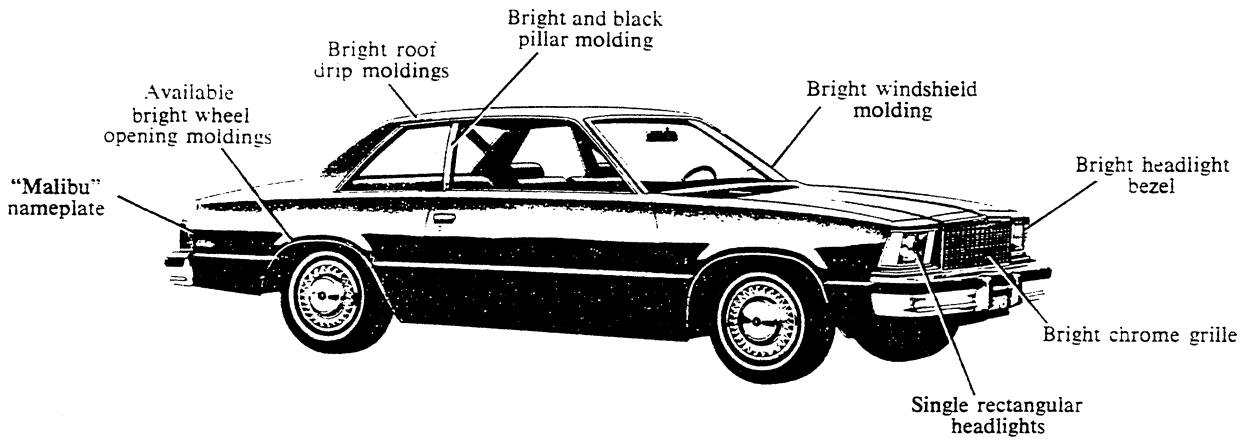
**Wire Wheel
Cover (RPO N95)**
Available for Landau
and Sport Coupe



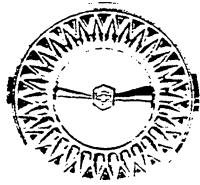
**Rally Wheels
(RPO ZJ7)**
Available for
Sport Coupe Only

MALIBU

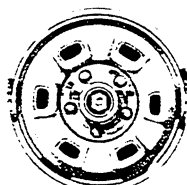
Sport Coupe



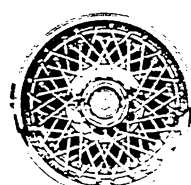
Standard Malibu hubcap



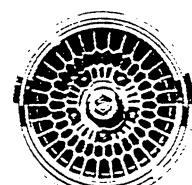
Available Malibu Full Wheel Cover (RPO PO1)



Available Rally Wheel (RPO ZJ7)



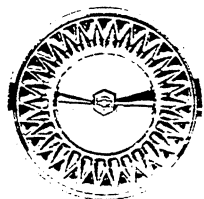
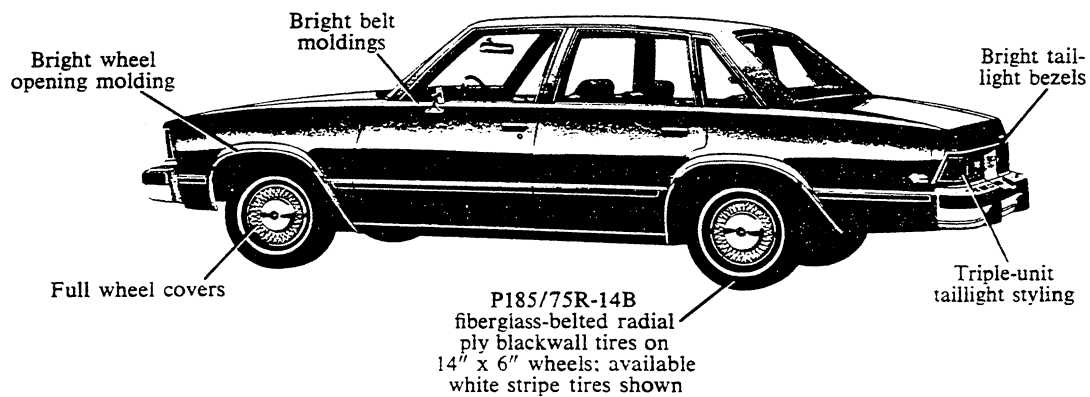
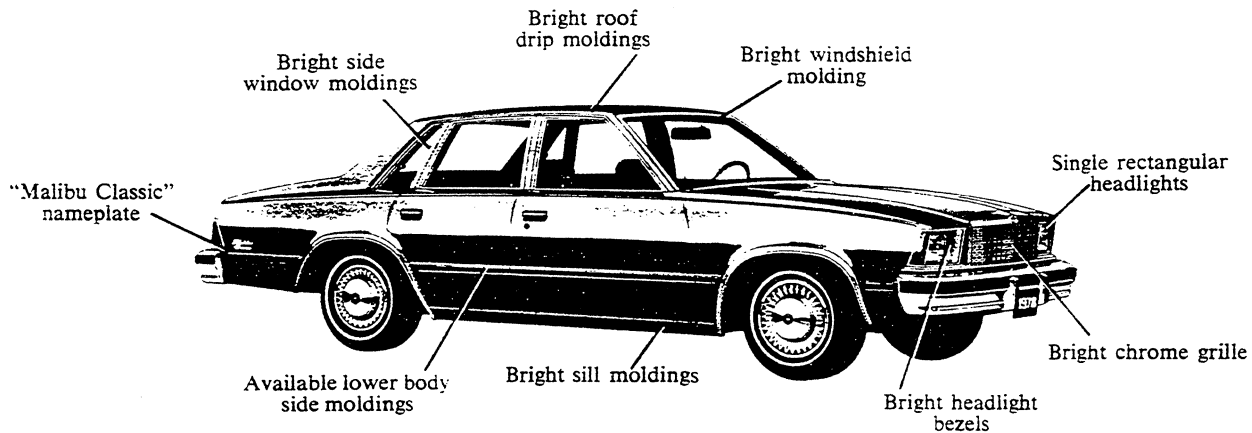
Available Wire Wheel Cover (RPO N95)



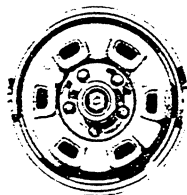
Available Sport Wheel Cover in Argent (RPO PB2) or Gold (RPO 55P); Gold Available with Some Exterior Colors

MALIBU CLASSIC

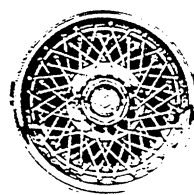
Sedan



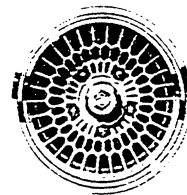
Standard Malibu Classic Wheel Cover



Available Rally Wheel (RPO ZJ7)



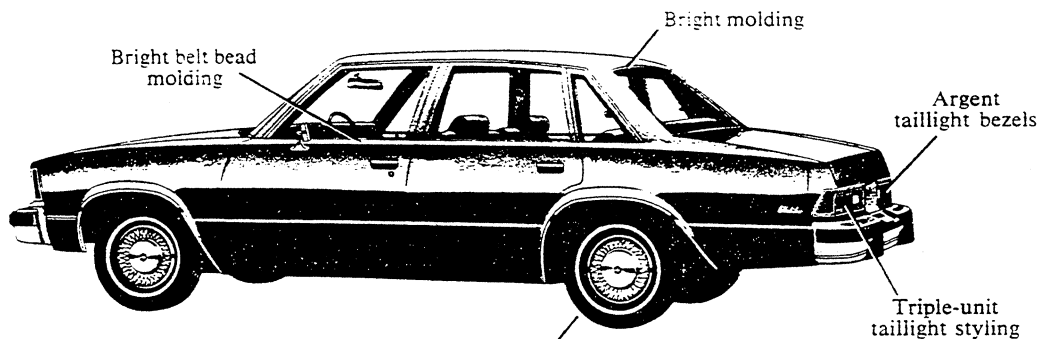
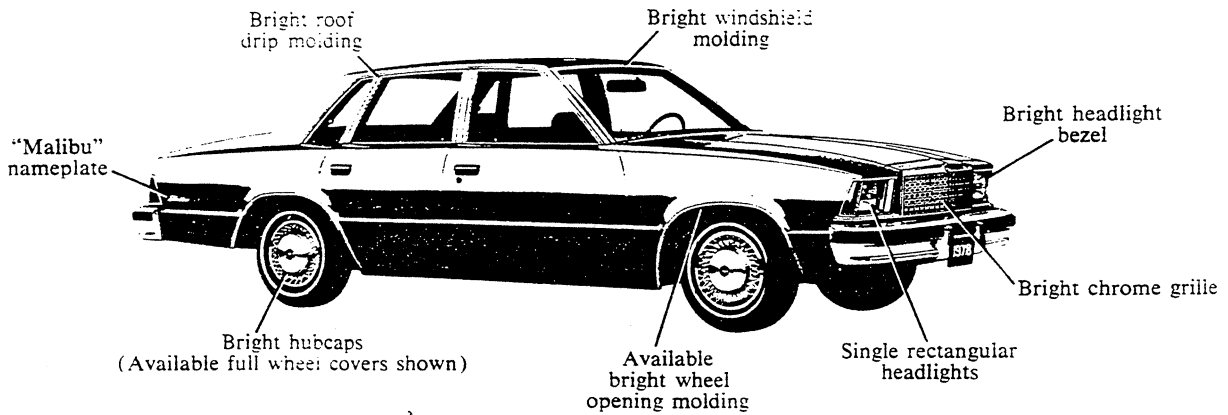
Available Wire Wheel Cover (RPO N95)



Available Sport Wheel Cover in Argent (RPO PB2) or Gold (RPO 55P): Gold Available with Some Exterior Colors

MALIBU

Sedan



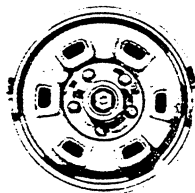
P185/75R-14B
fiberglass-belted radial
ply blackwall tires on
14" x 6" wheels: available
white stripe tires shown



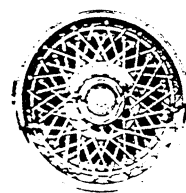
Standard
Malibu hubcap



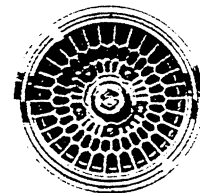
Available Malibu
Full Wheel Cover
(RPO PO1)



Available Rally
Wheel (RPO ZJ7)



Available Wire Wheel
Cover (RPO N95)

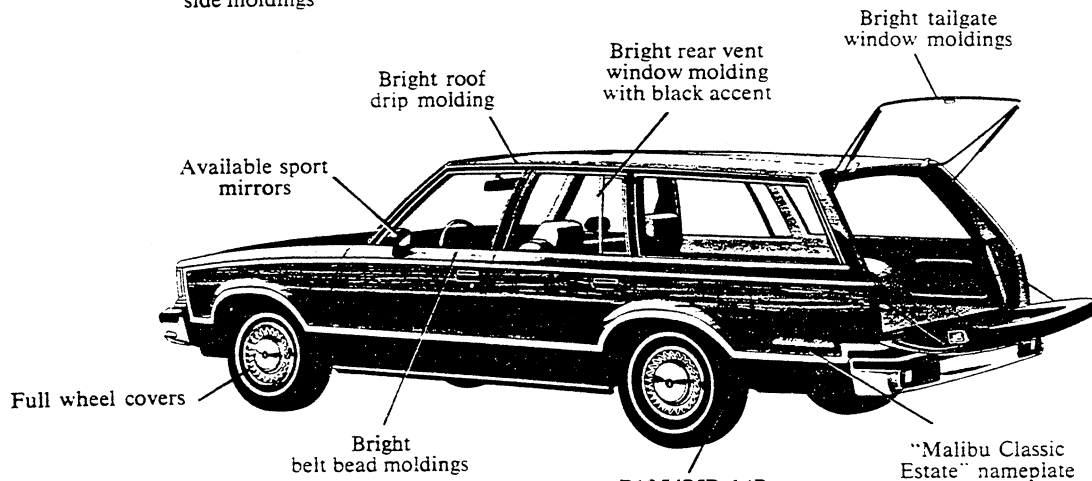
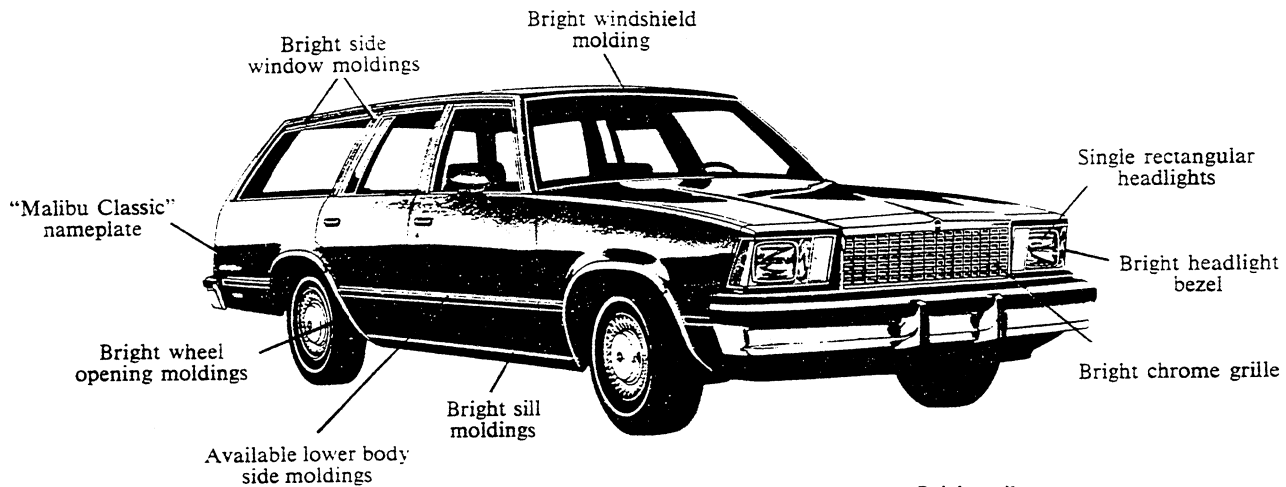


Available Sport Wheel
Cover in Argent (RPO PB2)
or Gold (RPO 55P):
Gold Available with
Some Exterior Colors

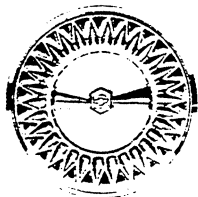
MALIBU CLASSIC

2-Seat Station Wagon

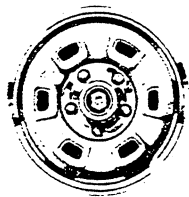
Malibu Classic shown with available Estate Equipment



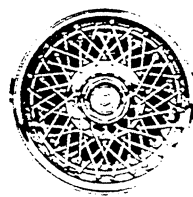
P195/75R-14B fiberglass-belted radial ply blackwall tires on 14" x 6" wheels; available white stripe tires shown



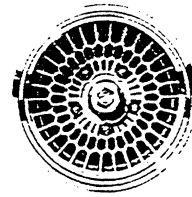
Standard Malibu Classic Wheel Cover



Available Rally Wheel (RPO ZJ7)



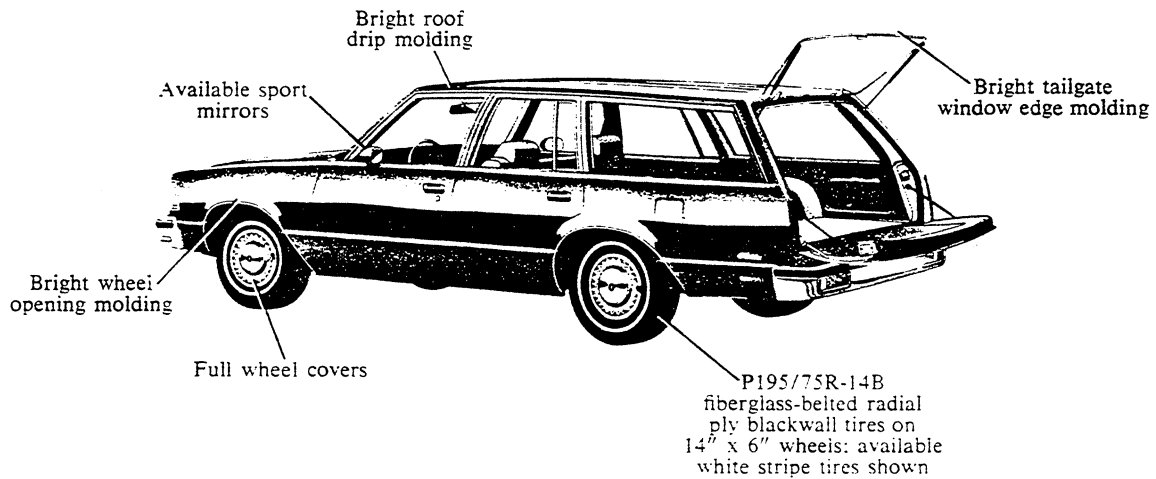
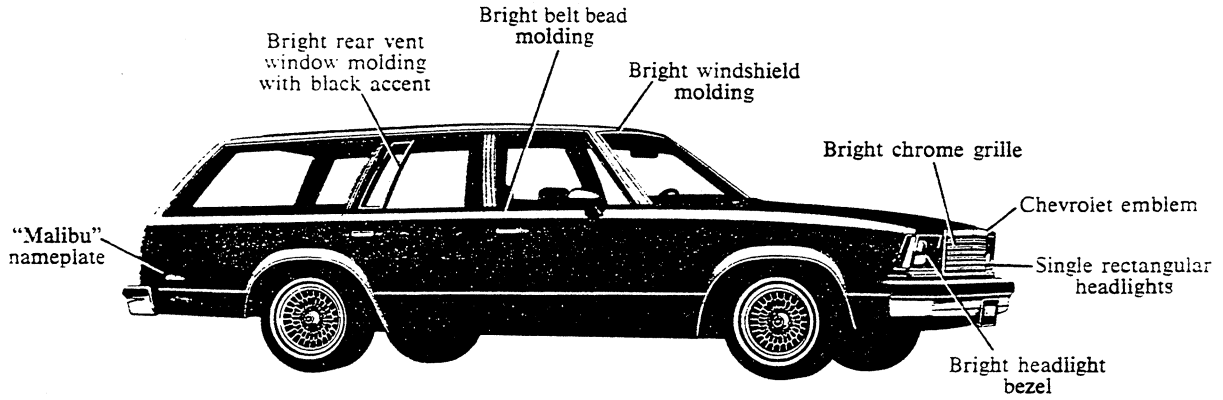
Available Wire Wheel Cover (RPO N95)



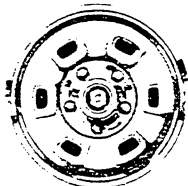
Available Sport Wheel Cover in Argent (RPO PB2) or Gold (RPO 55P); Gold Available with Some Exterior Colors

MALIBU

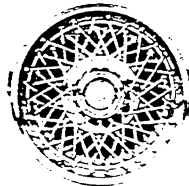
2-Seat Station Wagon



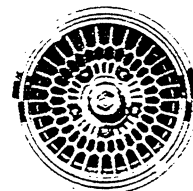
Standard Malibu Wheel Cover



Available Rally Wheel (RPO ZJ7)

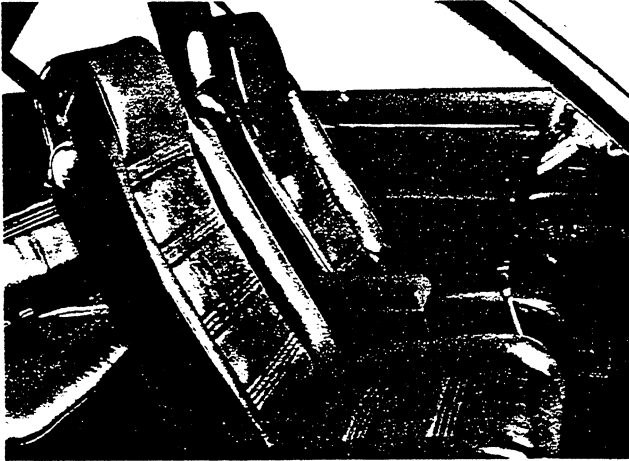


Available Wire Wheel Cover (RPO N95)

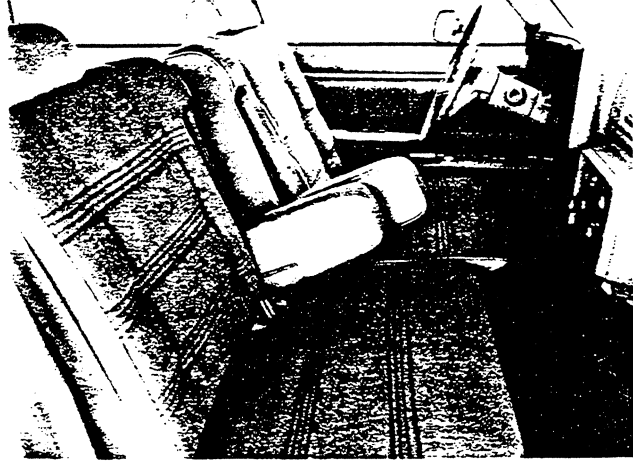


Available Sport Wheel Cover in Silver (RPO PB2) or Gold (RPO 55P); Gold Available with Some Exterior Colors

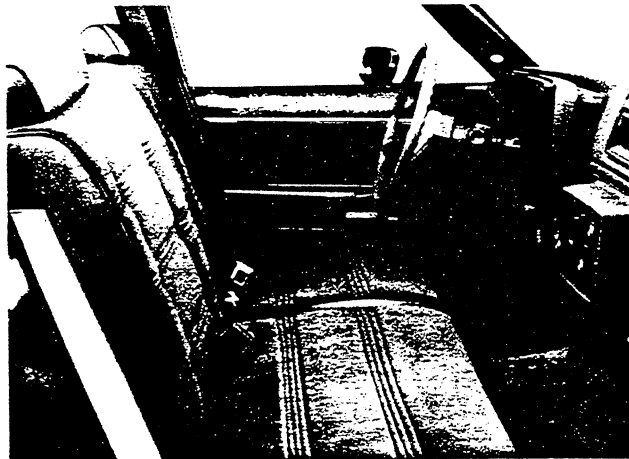
INTERIOR FEATURES



Malibu Classic Coupe Available All-Vinyl Bucket Seat



Malibu Classic Available 50/50 Knit Cloth Seat With Dual Fold-down Center Armrests



Malibu Classic Standard Knit Cloth Bench Seat



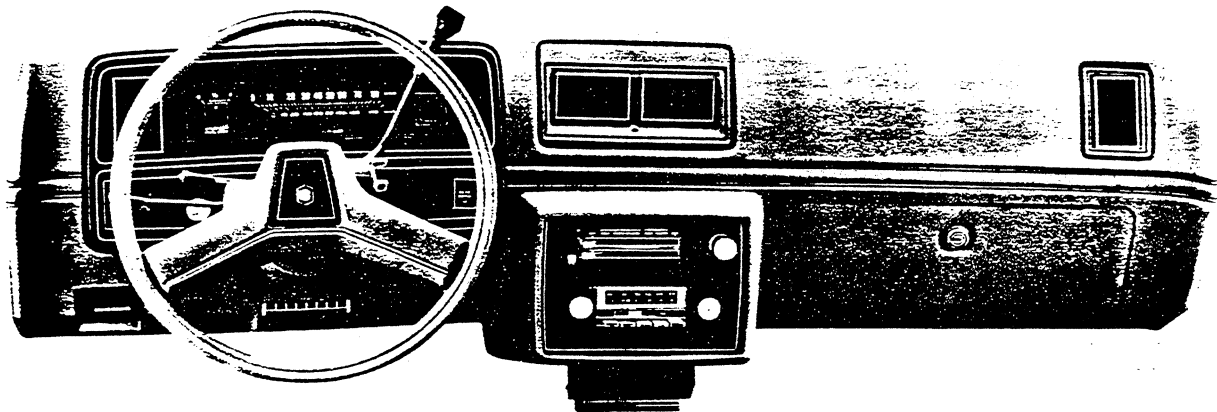
Malibu Standard Cloth Bench Seat

INTERIOR FEATURES

	Malibu Classic	Malibu Classic Wagon	Malibu	Malibu Wagon
50/50 seat with dual fold-down center armrests	EC	EC	NA	NA
All-vinyl bucket seats (Classic Coupe only)	EC	NA	NA	NA
Molded full foam seat construction	S	S	S	S
Color-keyed seat and shoulder belts	EC	EC	EC	EC
Cloth headlining with foam backing	S	S	S	S
Color-keyed one-piece cut-pile carpeting	S	S	S	S
Center dome light	S	S	S	S
Hinged cargo panel in floor for easy access to spare	NA	S	NA	S
Stowage pockets in cargo area	NA	S	NA	S
Cargo area security package	NA	EC	NA	EC
Rear passenger ashtrays	S	S	S	S
Color-keyed steering wheel and column	S	S	S	S
Deluxe luggage compartment trim	EC	NA	EC	NA
Single retractor lap and shoulder belt system	S	S	S	S
Quiet Sound Group	S	S	EC	EC

S—Standard; NA—Not Available; EC—Extra Cost

INSTRUMENT PANEL



Malibu Classic Instrument Panel

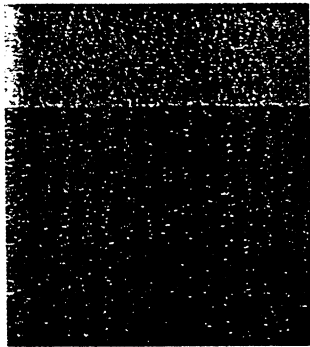
INSTRUMENT PANEL FEATURES	Malibu Classic	Malibu Classic Wagon	Malibu	Malibu Wagon
Color-keyed instrument panel, steering wheel and column	S	S	S	S
Cigarette lighter	S	S	S	S
Day-night rearview mirror	S	S	S	S
Electric clock	EC	EC	EC	EC
Dual horns	S	S	EC	EC
Ashtray light	S	S	EC	EC
Glove compartment light	S	S	EC	EC
Instrument panel courtesy lights	S	S	EC	EC
Glove compartment lock	S	S	S	S
Luggage compartment light	EC	NA	EC	NA
Special instrumentation includes electric clock, tachometer, voltmeter, temperature and oil pressure gages	EC	EC	EC	EC
Headlight-on reminder buzzer	EC	EC	EC	EC
Gage Package includes: Electric clock, voltmeter, temperature and oil pressure gages	EC	EC	EC	EC
Power tailgate window release	—	EC	—	EC

S—Standard; NA—Not Available; EC—Extra Cost

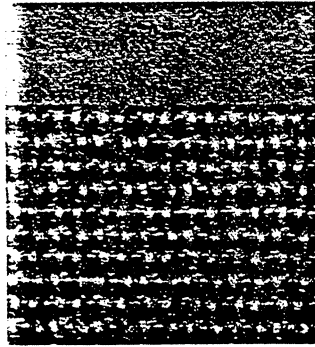
1978 MALIBU CLASSIC/MALIBU COLOR SELECTIONS

To help you select the specific interior trim and color on your 1978 Malibu Classic or Malibu model, there are five distinct trim types. A sample of each trim type, in one of the available colors, is shown below along with a list of other color selections. All 14 exterior colors plus five available Custom Two-Tones are also shown.

INTERIOR TRIMS



Malibu Classic Knit cloth. Black, Blue, Green (shown), Camel, Carmine.



Malibu Cloth. Black, Blue (shown), Green, Camel.



Malibu Classic All-vinyl. Black, Blue, Camel, Carmine (shown), White.

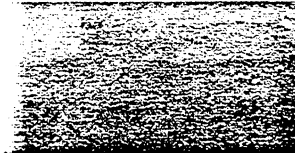
Malibu All-vinyl. Blue, Camel, Carmine, White (shown).



Malibu Classic Wagon Sport cloth. Black, Blue, Camel (shown), Carmine.

EXTERIOR COLORS—All Models

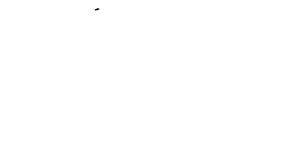
11—White



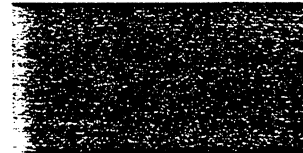
*15—Silver



19—Black



*21—Light Blue



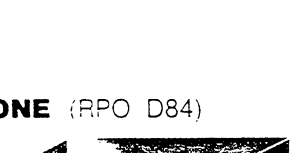
22—Light Blue Metallic



29—Dark Blue Metallic

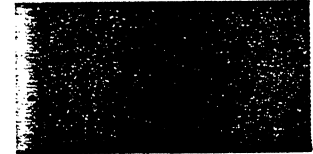


44—Light Green Metallic



*45—Medium Green Metallic

*61—Light Camel



*63—Camel Metallic



*67—Saffron Metallic



*69—Dark Camel Metallic



*77—Carmine Metallic



*79—Dark Carmine Metallic

*New color for 1978

CUSTOM TWO-TONE (RPO D84)



22—Light Blue Metallic with Dark Blue Metallic Body Side Color



15—Silver with Medium Gray Metallic Body Side Color



61—Light Camel with Gold Metallic Body Side Color



44—Light Green Metallic with Medium Green Metallic Body Side Color



79—Dark Carmine Metallic with Carmine Metallic Body Side Color

See Dealer Order Guide for latest available information.

COLOR AND TRIM COMBINATIONS

EXTERIOR COLOR	CODE	MALIBU CLASSIC See numbered notes for models and seat types.					MALIBU See numbered notes for models. Standard seat only.					MALIBU CLASSIC & MALIBU. Coupe only. See numbered notes for seat types. Instrument panel, carpet, cowi side panel and rear shelf are second color.			
		INTERIOR COLOR					INTERIOR COLOR					INTERIOR COLOR			
		BLACK Knit Cloth (1) Sport Cloth (2) All-Vinyl (3)	BLUE Knit Cloth (1) Sport Cloth (2) All-Vinyl (4)	GREEN Knit Cloth (1)	CAMEL Knit Cloth (1) Sport Cloth (2) All-Vinyl (4)	CARMINE Knit Cloth (1) Sport Cloth (2) All-Vinyl (5)	BLACK Cloth (6)	BLUE Cloth (6) All-Vinyl (7)	GREEN Cloth (6)	CAMEL Cloth (6) All-Vinyl (7)	CARMINE All-Vinyl (7)	WHITE W/BLACK All-Vinyl (8)	WHITE W/BLUE All-Vinyl (9)	WHITE W/GREEN All-Vinyl (9)	WHITE W/CARMINE All-Vinyl (9)
WHITE	11	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SILVER	15	X	X			X	X	X		X	X				
BLACK	19	X	X	X	X	X	X	X	X	X	X				X
LIGHT BLUE	21	X	X				X	X			X	X			
LIGHT BLUE METALLIC	22	X	X				X	X			X	X			
DARK BLUE METALLIC	29	X	X		X		X	X	X		X	X			
LIGHT GREEN METALLIC	44	X		X	X		X		X	X	X		X		
MEDIUM GREEN METALLIC	45	X		X	X		X		X	X	X		X		
LIGHT CAMEL	61	X			X	X	X		X	X	X				
CAMEL METALLIC	63	X			X		X		X		X				
SAFFRON METALLIC	67	X			X		X		X		X				
DARK CAMEL METALLIC	69	X			X		X		X		X				
CARMINE METALLIC	77	X			X	X	X		X	X	X				X
DARK CARMINE METALLIC	79	X			X	X	X		X	X	X				X

- (1) Coupe and Sedan. Standard seat or available 50/50 seat.
- (2) Wagon only. Standard seat only.
- (3) All models. Standard seat or available 50/50 seats.
- (4) All models. Standard seat or available Bucket seats for Coupe only.
- (5) All models. Standard seat or available 50/50 seat, plus available Bucket seat for Coupe only.

- (6) Coupe and Sedan. Standard seat only.
- (7) All models. Standard seat only.
- (8) Malibu. Standard seat only. Malibu Classic. Standard seat or available 50/50 and Bucket seats.
- (9) Malibu Classic only. Standard seat or available 50/50 and Bucket seats.

STANDARD INTERIOR TRIM GUIDE

- Knit cloth seat trim and bench seat standard on Malibu Classic Coupe and Sedan.
- Cloth seat trim and bench seat standard on Malibu Coupe and Sedan.
- All-vinyl interior and bench seat standard on Malibu Classic and Malibu Wagons.
- All other combinations are available options, including All-vinyl on Coupes and Sedans, Sport Cloth on Wagons and 50/50 or Bucket seats.

VINYL ROOF COVERS Malibu Classic and Malibu Coupes and Sedans

Landau. Elk-grain (top). All others Levant-grain (bottom).

*Metallic



BLACK
With all exteriors except 69



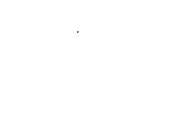
BLUE*
With 11, 19, 21, 22, 29 exteriors



GREEN*
With 11, 19, 44, 45 exteriors



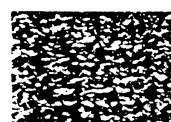
WHITE
With all exteriors



CAMEL
With 11, 19, 61, 63, 67, 69 exteriors



CARMINE*
With 77, 79 exteriors



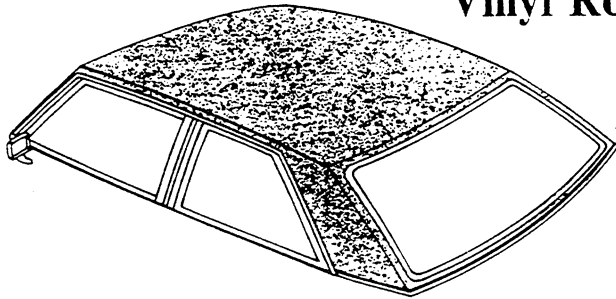
SILVER*
With 15, 19, 77 exteriors

See Dealer Order Guide for latest available information.

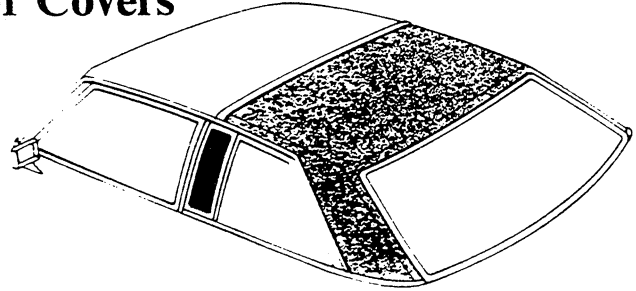
Malibu/15

EXTERIOR DECOR

Vinyl Roof Covers

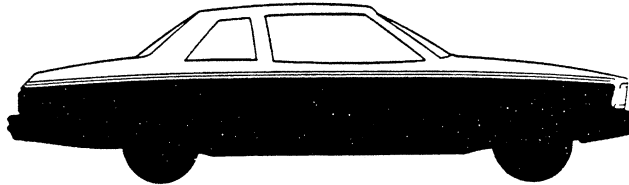


Full roof cover for Malibu Classic and Malibu Coupes and Sedans. Available in Levant grain vinyl in seven colors.



Distinctive Landau roof cover standard on Landau Coupe. Available in Elk grain vinyl in seven colors.

Custom Two-Tone (RPO D84)



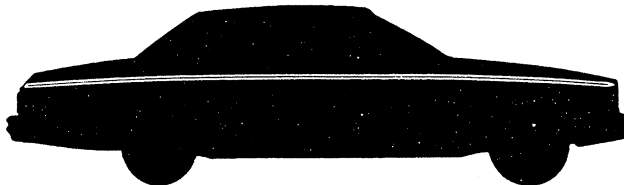
Two-tone exterior with second color on body sides, fenders and lower deck lid or tailgate. Pin striping separates the two colors. Available in choice of five combinations for all models.

Deluxe Body Side Moldings (RPO BW2)



Bright edged with color-keyed vinyl insert. Available for all models.

Pin Striping (RPO D85)



On body sides, fenders and deck lid. Available in eight dual stripe colors. Standard on Landau Coupe.

BODY SIDE MOLDING & PIN STRIPING COLORS WITH VINYL ROOF

WITHOUT D84 CUSTOM TWO-TONE		VINYL ROOF COLOR							
Exterior Color	Code		Black	Blue Light (Met) DD	Camel Light CC	Carmine Dark (Met) RR	Green Light (Met) GG	Silver QQ	White WW
Black	19	Molding	Black	Blue	Black	—	Green	Black	Black
		Stripe	Gold	Blue	Gold	—	Green	Silver	White
Blue, Dark (Metallic)	29	Molding	Black	Blue	—	—	—	—	Black
		Stripe	Silver	Blue	—	—	—	—	White
Blue, Light (Metallic)	22	Molding	Black	Blue	—	—	—	—	Blue
		Stripe	Black	Blue	—	—	—	—	White
Blue, Light	21	Molding	Blue	Blue	—	—	—	—	Blue
		Stripe	Black	Blue	—	—	—	—	White
Camel (Metallic)	63	Molding	Camel	—	Camel	—	—	—	Camel
		Stripe	Buckskin	—	Gold	—	—	—	White
Camel, Dark (Metallic)	69	Molding	—	—	Camel	—	—	—	Black
		Stripe	—	—	Gold	—	—	—	White
Camel, Light	61	Molding	Black	—	Camel	—	—	—	Camel
		Stripe	Gold	—	Buckskin	—	—	—	White
Carmine (Metallic)	77	Molding	Carmine	—	—	Carmine	—	—	Carmine
		Stripe	Red	—	—	Red	—	—	White
Carmine, Dark (Metallic)	79	Molding	Carmine	—	—	Carmine	—	—	Carmine
		Stripe	Gold	—	—	Gold	—	—	White
Green, Light (Metallic)	44	Molding	Green	—	—	—	Green	—	Green
		Stripe	Green	—	—	—	Green	—	White
Green, Medium (Metallic)	45	Molding	Green	—	—	—	Green	—	Green
		Stripe	Gold	—	—	—	Green	—	Green
Saffron (Metallic)	67	Molding	Black	—	Black	—	—	—	Black
		Stripe	Black	—	Gold	—	—	—	White
Silver	15	Molding	Black	—	—	—	—	Black	Black
		Stripe	Black	—	—	—	—	Red	White
White	11	Molding	Black	Blue	Camel	—	Green	Black	Black
		Stripe	Black	Blue	Gold	—	Green	Black	Gold

BODY SIDE MOLDING & PIN STRIPING COLORS WITHOUT VINYL ROOF

Exterior Color	Color Code		Molding (RPO BW2)	Stripe (RPO D85)
	L	U		
Black	19	19	Black	Gold
Blue, Dark (Metallic)	29	29	Black	Silver
Blue, Light (Metallic)	22	22	Blue	Blue
Blue, Light	21	21	Blue	Blue
Camel (Metallic)	63	63	Camel	Buckskin
Camel, Dark (Metallic)	69	69	Black	Gold
Camel, Light	61	61	Camel	Buckskin
Carmine (Metallic)	77	77	Carmine	Red
Carmine, Dark (Metallic)	79	79	Carmine	Gold
Green, Light (Metallic)	44	44	Green	Green
Green, Medium (Metallic)	45	45	Green	Gold
Saffron (Metallic)	67	67	Black	White
Silver	15	15	Black	Red
White	11	11	Black	Gold

L = Lower U = Upper

See Dealer Order Guide for latest available information.

AVAILABLE OPTIONS

MAJOR APPEARANCE OPTIONS	RPO Number	Malibu Classic Landau	Malibu Classic	Malibu Classic Wagon	Malibu	Malibu Wagon
Estate Equipment: Includes wood-grain vinyl body side and tailgate panels. NA with Custom Two-Tone	BX3	NA	NA	•	NA	NA
APPEARANCE FEATURES						
Belts, Deluxe Color-Keyed Seat and Shoulder	AK1	•	•	•	•	•
Bumper Equipment, Front and Rear:						
Bumper rub strips	VE5	•	•	•	•	•
Bumper guards	V30	•	•	•	•	•
Floor Covering:						
Carpeting, deluxe load floor	B39	NA	NA	•	NA	•
Mats, color-keyed floor—2 front and 2 rear	B37	•	•	•	•	•
Luggage Compartment Trim, Deluxe	B48	•	•	NA	•	NA
Moldings:						
Wheel opening	B96	S	S	S	•	S
Deluxe color-keyed body side moldings	BW2	•	•	•	•	•
Door edge guard	B93	•	•	•	•	•
Side window reveal. NA on Malibu Coupe	B90	S	S	S	•	•
Paint Custom Two-Tone. NA with Estate Equipment. (See Color and Trim Selections)	D84	•	•	•	•	•
Roof Cover, Vinyl: (See Color and Trim Selections)	—	•	•	NA	•	NA
Striping, Body Side Pin	D85	S	•	•	•	•
Wheel Equipment:						
Full wheel covers	PO1	NA	S	S	•	S
Rally wheels	ZJ7	•	•	•	•	•
Sport wheel covers (argent)	PB2	S	•	•	•	•
Sport wheel covers (gold)	55P	•	•	•	•	•
Wire wheel covers	N95	•	•	•	•	•
COMFORT/CONVENIENCE						
Air Conditioning: Four-Season. Includes 61-amp generator. Requires power steering and power brakes with V6 engine	C60	•	•	•	•	•
Air Deflector, Rear Window: Wagons only	C51	NA	NA	•	NA	•
Brakes, Power: Required with V8 and V6 on Malibu Classic Wagon	J50	•	•	•	•	•
Carrier, Roof	V55	NA	NA	•	NA	•
Clock, Electric: Included with Gage Package and Special Instrumentation	U35	•	•	•	•	•
Console: With bucket seats only	D55	•	•	NA	NA	NA
Container, Litter	D24	•	•	•	•	•
Defogger, Rear Window: Electro-Clear. Includes 61-amp generator	C49	•	•	•	•	•
Forced-air	C50	•	•	NA	•	NA
NA—Not Available; S—Standard; •—Available at extra cost						

COMFORT/CONVENIENCE (Cont'd)	RPO Number	Malibu Classic Landau	Malibu Classic	Malibu Classic Wagon	Malibu	Malibu Wagon
Door Lock System, Power	AU3	•	•	•	•	•
Gage Package: Includes electric clock, voltmeter, temperature and oil pressure gages	UF7	•	•	•	•	•
Glass, Soft-Ray Tinted: All windows	A01	•	•	•	•	•
Horns, Dual	U05	S	S	S	•	•
Instrumentation, Special: Includes electric clock, tachometer, voltmeter, temperature and oil pressure gages	U14	•	•	•	•	•
Light, Dome Reading	C95	•	•	•	•	•
Lighting, Auxiliary: Includes ashtray light (Std. Malibu Classic); courtesy lights (Std. Malibu Classic); glove compartment light (Std. Malibu Classic); luggage compartment light; automatic time-delay dome light; underhood light; headlight reminder buzzer	ZJ9	•	•	•	•	•
Mirrors: Remote-control outside rearview, LH	D33	•	•	•	•	•
Sport, LH remote-control and RH manual	D35	•	•	•	•	•
Sport, twin remote-control	D68	•	•	•	•	•
Visor, vanity	D34	•	•	•	•	•
Visor vanity, illuminated	D64	•	•	•	•	•
Quiet Sound Group	BS1	S	S	S	•	•
Radio Equipment: AM radio	U63	•	•	•	•	•
AM/FM radio	U69	•	•	•	•	•
AM/FM stereo radio	U58	•	•	•	•	•
Stereo tape system with AM radio	UM1	•	•	•	•	•
Stereo tape system with AM FM stereo radio	UM2	•	•	•	•	•
Dual front speakers	UX6	•	•	•	•	•
Speaker, rear seat (available only with AM radio, AM/FM radio)	U80	•	•	•	•	•
Power antenna	U75	•	•	•	•	•
Windshield antenna. Included with factory- installed radios and without power antenna	U76	•	•	•	•	•
Seat Equipment: 50/50 passenger seat. (See Color and Trim Selections)	---	•	•	•	NA	NA
Strato-bucket Seats, Coupe models only. (See Color and Trim Selections)	---	•	•	NA	NA	NA
Power Front Seat—6-way control. (Available on bench seat only)	A42	•	•	•	•	•
Security Package, Cargo Area: Locking side and floor stowage panels	B3L	NA	NA	•	NA	•
Sky Roof, Power: Coupe models only	CA1	•	•	NA	•	NA
Speed Control, Cruise-Master: Available with automatic transmission only	K30	•	•	•	•	•

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

COMFORT/CONVENIENCE (Cont'd)	RPO Number	Malibu Classic Landau	Malibu Classic	Malibu Classic Wagon	Malibu	Malibu Wagon
Steering, Power: Required with V8 engine	N41	•	•	•	•	•
Steering Wheel, Comfortilt	N33	•	•	•	•	•
Tailgate Window Release, Power	AU6	NA	NA	•	NA	•
Trim, Interior: (See Color and Trim Selections)	--	•	•	•	•	•
Trunk Opener, Power	A90	•	•	NA	•	NA
Windows, Power: Includes rear vent window on Sedans and Wagons	A31	•	•	•	•	•
Windshield Wiper System, Intermittent	CD4	•	•	•	•	•

ENGINES/TRANSMISSIONS

Emission Equipment: See Power Teams for availability Standard Emission System	NA2	•	•	•	•	•
California Emission Certification	YF5	•	•	•	•	•
High Altitude Emission Equipment	NA6	•	•	•	•	•
Engines:						
305 cu. in. V8	LG3	•	•	•	•	•
350 cu. in. V8	LM1	NA	NA	•	NA	•
Transmissions:						
4-Speed Manual	MM4	•	•	•	•	•
Automatic	MX1	•	•	•	•	•

CHASSIS/MECHANICAL

Axles:						
Performance ratio	G92	•	•	•	•	•
Positraction (Includes Stowaway spare tire)	G80	•	•	•	•	•
Battery, Heavy-Duty Freedom	CA1	•	•	•	•	•
Generator, 61-amp Delcotron: Included with air conditioning or Electro-Clear defogger	K76	•	•	•	•	•
Radiator, Heavy-Duty	V01	•	•	•	•	•
Suspension Equipment: Heavy-duty front and rear suspension. Includes front and rear springs and matching shock absorbers. NA with Sport suspension or on Wagon models	F40	•	•	NA	•	NA
Sport suspension	F41	•	•	•	•	•
Tires:						
P185/75R-14B fiberglass-beited radial ply white stripe	QKQ	•	•	NA	•	NA
P195/75R-14B fiberglass-beited radial ply white stripe	QKS	NA	NA	•	NA	•
P195/75R-14B steel-beited radial ply white stripe	QFZ	•	•	•	•	•
P205/75R-14B steel-beited radial ply white stripe. Required with Sport suspension	QKJ	•	•	NA	•	NA
P205/75R-14B steel-beited radial ply white lettered. Required on Coupes and Sedans with Sport suspension	OKK	•	•	NA	•	NA

NA—Not Available; •—Available at extra cost

POWER TEAMS



Standard 3.3 Litre (200 cu. in.) V6 Engine

ALL STATES EXCEPT CALIFORNIA

Engines	Power Rating†	Engine Availability		Transmissions / Rear Axle Ratios						Ring Gear Size
		Sedans & Coupes	Station Wagons	3-Speed Manual (STD.)	4-Speed Manual (RPO MM4)	Automatic (RPO MX1)				
						Below 4,000 Ft.		4,000 Ft. and Above		
						Sedans & Coupes	Station Wagons	Sedans & Coupes	Station Wagons	
3.3 Litre (200 cu. in.) V6	95	STD.	STD.	2.73	NA	2.73	2.73	NA	NA	7½"
305 cu. in. V8	145/135▲	RPO LG3	RPO LG3	NA	2.73	2.29*	2.41*	2.56	NA	7½"
350 cu. in. V8	170/160▲	NA	RPO LM1	NA	NA	NA	NA	NA	2.73	7½"

CALIFORNIA ONLY

231 cu. in. V6	105	RPO LD5	RPO LD5	NA	NA	2.73	2.73	NA	NA	7½"
305 cu. in. V8	135	RPO LG3	RPO LG3	NA	NA	2.29*	2.41*	NA	NA	7½"

†S.A.E. net horsepower as installed. *2.73 Performance Ratio available (RPO G92). ▲ Rating with High Altitude Emission Equipment. STD.—Standard. NA—Not Available.

SPECIAL NOTE: California Emission Equipment required for registration in California. In other States, High Altitude Emission Equipment may be required in areas 4,000 feet or more above sea level.

See EPA section for mileage estimates.

BODY/CHASSIS FEATURES

Standard On 1978 Malibu

Body Structure & Features

- All-welded heavy-gage steel body construction with cowl, roof, underbody and body panels precision welded to form rigid body shell
- Rugged box-section design roof rails, windshield and rear window headers, door and roof pillars
- Heavy-gage steel roof panel with double-flanged channel-crossed reinforcing bows
- High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel
- Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills
- Double panel door, hood and deck lid
- Counterbalanced hood, deck lid
- Front and rear inner fenders for corrosion protection
- Flow-thru ventilation system
- Cushioned body mounting system effectively isolates passenger area from road noise and vibration
- Bolt-on front-end sheet metal cushion-mounted to frame and radiator support assembly
- Hide-A-Way dual-speed electric windshield wipers
- Inside hood release

Chassis Features

- Front disc/rear drum brake system
- Disc brake audible wear sensors
- Vented front disc brake rotors and finned rear brake drums for fast cooling

- Delcotron generator with built-in solid-state regulator
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Visible ball joint wear indicators on front suspension lower control arms
- Delco Freedom battery never needs water. Sealed side terminals help prevent corrosion buildup
- Coolant recovery system
- Perimeter frame
- Steel bumpers with high-strength aluminum reinforcements, rear bumper on wagons is steel reinforced
- Full Coil suspension system with computer-selected springs
- Front ride stabilizer
- Forward-mounted recirculating ball steering gear and linkage
- Independent coil-spring spherical joint front suspension (short and long arm type) with quiet, low-friction non-metallic spherical joint liners and built-in anti-dive control
- Four-link-type rear suspension with dual bias-mounted upper control arms and parallel-mounted lower control arms
- Direct double-acting sealed-unit hydraulic shock absorbers
- Fiberglass-belted radial ply blackwall tires and 14" x 6" wheels. P185/75R-14B on sedans and coupes; P195/75R-14B on wagons

(Information for this page will be forwarded at a later date)

DIMENSIONS/ SPECIFICATIONS

EXTERIOR DIMENSIONS	Coupe	Sedan	2-Seat Wagon
Wheelbase	108.1	108.1	108.1
Length (overall)	192.7	192.7	193.4
Width (overall)	71.5	71.5	71.2
Height (loaded)	53.3	54.2	54.5
Front tread	58.5	58.5	58.5
Rear tread	57.8	57.8	58.2
Minimum ground clearance	5.4	5.4	5.7
INTERIOR ROOMINESS			
Head room—front	37.9	38.7	38.8
Head room—rear	37.8	37.7	38.8
Leg room—front	42.8	42.8	42.8
Leg room—rear	35.1	38.0	35.9
Hip room—front	51.7	52.2	52.2
Hip room—rear	54.5	55.6	55.6
Shoulder room—front	55.5	57.3	57.3
Shoulder room—rear	55.3	57.1	57.1
CARGO COMPARTMENT			
Floor length—front seat to tailgate	—	—	81.2
Floor length—2nd seat to tailgate	—	—	49.8
Width between wheelhousings	—	—	43.6
Height—floor to roof (max.)	—	—	30.0
Gate opening height	—	—	27.8
Gate opening width at belt	—	—	51.7
Total cargo volume (cu. ft.)	16.6	16.6	72.4
RATED FUEL TANK CAPACITY (gallons)	17.5	17.5	18.1
CURB WEIGHT (pounds)			
Malibu	3091	3095	3263
Malibu Classic	3119	3127	3290

EQUIPMENT SUMMARY

Sedans & Coupes

EXTERIOR FEATURES	Malibu Classic Landau	Malibu Classic	Malibu
Chrome plated grille and grille molding	S	S	S
Single rectangular headlights	S	S	S
Parking light in front end panel clear lens amber bulbs	S	S	S
Bright headlight bezels	S	S	S
Bright windshield reveal molding	S	S	S
Depressed park windshield wipers	S	S	S
Bright roof drip moldings	S	S	S
Bright marker light moldings	S	S	S
Bright moldings around side windows (4-door sedan models only)	S	S	NA
Bright belt bead molding	S	S	S
Bright outside rear view mirror, drivers side	S	S	S
Bright door handles, lift bar type	S	S	S
Front marker light	S	S	S
Triple unit tail lights	S	S	S
Chevrolet nameplate on deck lid	S	S	S
Bright back window reveal molding	S	S	S
Bright door pillar molding (coupe models only)	NA	S	NA
Bright sill panel moldings	S	S	NA
Bright tail light trim with black accents	S	S	NA
Bright deck lid and quarter end cap moldings	S	S	NA
Pin striping	S	EC	EC
Styled wheel covers (RPO PB2)	S	EC	EC
Wide bright quarter window and door pillar molding	S	NA	NA
INTERIOR FEATURES			
Bench seat	S	S	S
Full foam seat construction	S	S	S
Cloth head lining with foam backing	S	S	S
Black rear seat lap belts with locking retractors	S	S	S
Black front seat center lap belt	S	S	S
Embossed package shelf board	S	S	S
Inertia type front seat back locks	S	S	S
Color keyed one-piece carpeting	S	S	S
Center dome light	S	S	S
Rear passenger ash trays	S	S	S
Single retractor lap and shoulder belt system	S	S	S
Cigarette lighter	S	S	S
Day-night rear view mirror	S	S	S
Color keyed steering wheel and column	S	S	S
Quiet sound package—includes additional sound deadening materials in the hood, doors, rear quarter panels, roof, package shelf and floor	S	S	EC

S—Standard; EC—Extra Cost; NA—Not Available

INTERIOR FEATURES CONTINUED	Malibu Classic Landau	Malibu Classic	Malibu
Pull type door handle	S	S	S
Rear quarter panel built-in armrest and ash tray (coupe models only)	S	S	S
Clear plastic window control knobs	S	S	S
Bright door lock buttons	S	S	S
Molded plastic rear quarter sidewall panels	S	S	S
Black spatter-painted trunk compartment	S	S	S
Vinyl covered foam trunk floor covering	S	S	S
Padded sun visors	S	S	S
Aluminum painted window moldings	S	S	S
Color keyed plastic coat hooks	S	S	S
Front door jamb switch, key reminder and dome light (L.H. pillar)	S	S	S
Front door jamb switch for dome light (R.H. pillar)	S	S	EC
Warning lights—temperature, generator, oil pressure, brakes and seat belts	S	S	S
Indicators—hi-beam, turn signals and hazard flashers	S	S	S
Two-speed windshield wipers and washers	S	S	S
Instrument panel ash tray	S	S	S
Illuminated heater controls with bright knobs	S	S	S
80 mph speedometer	S	S	S
Fuel gage (unleaded fuel only)	S	S	S
Glove compartment lock	S	S	S
Black handle parking brake release	S	S	S
Black "T" handle interior hood release	S	S	S
Color keyed instrument panel pad	S	S	S
Color keyed steering wheel	S	S	S
Black soft trim signal/headlight dimmer and shift lever knobs	S	S	S
Steering column ignition switch and lock	S	S	S
Plastic cowl panel kick pads	S	S	S
Dual vent control knobs	S	S	S
Dual horns	S	S	EC
Ash tray light	S	S	EC
Glove compartment light	S	S	EC
Instrument panel courtesy lights	S	S	EC
Bright chrome insert on steering wheel rim	S	S	NA
Carpeting on lower door trim panel	S	S	NA

S—Standard; EC—Extra Cost; NA—Not Available

Station Wagons

EXTERIOR FEATURES	Malibu Classic	Malibu
Chrome plated grille and grille molding	S	S
Single rectangular headlights	S	S
Parking light in front end panel, clear lens amber bulbs	S	S
Bright headlight bezels	S	S
Bright windshield reveal molding	S	S
Depressed park windshield wipers	S	S
Bright roof drip moldings	S	S
Bright marker light moldings	S	S
Bright moldings around side windows	S	NA
Bright belt bead molding	S	S
Bright outside rear view mirror, driver's side	S	S
Bright door handles, lift bar type	S	S
Front marker light	S	S
Rear marker light, red lens	S	S
Bright rear door and vent window molding	S	S
Full wheel covers	S	S
Four unit tail lights in rear bumper	S	S
Chevrolet nameplate on tailgate	S	S
Bright tailgate window reveal molding	S	EC
Bright license pocket molding	S	NA
Bright sill panel moldings	S	NA
Bright wheel opening moldings (narrow)	NA	S
Bright wheel opening moldings (wide)	S	NA
INTERIOR FEATURES		
Bench seat	S	S
Full foam seat construction	S	S
Folding rear seat	S	S
Cloth headlining with foam backing	S	S
Black rear seat lap belts with locking retractors	S	S
Black front seat center lap belt	S	S
Inertia type front seat back locks	S	S
Color keyed one-piece carpeting	S	S
Center dome light	S	S
Rear passenger ash trays	S	S
Single retractor lap and shoulder belt system	S	S
Cigarette lighter	S	S
Day-night rear view mirror	S	S
Color keyed steering wheel and column	S	S
Quiet sound package — Includes additional sound deadening materials in the hood, doors, rear quarter panels, roof, package shelf and floor	S	EC

S—Standard; EC—Extra Cost; NA—Not Available

Station Wagons

INTERIOR FEATURES CONTINUED	Malibu Classic	Malibu
Pull type door handle	S	S
Recessed stowage pocket in rear cargo area	S	S
Clear plastic window control knobs	S	S
Bright door lock buttons	S	S
Molded plastic, rear quarter sidewall panels	S	S
Load floor interior color paint finish	S	S
Stowage area cover with positive hold-open feature	S	S
Fiber lining spare tire compartment lining	S	S
Padded sun visors	S	S
Aluminum painted window moldings	S	S
Color-keyed plastic coat hooks	S	S
Front door jamb switch, key reminder and dome light (L.H. pillar)	S	S
Front door jamb switch for dome light (R.H. pillar)	S	EC
Warning lights—temperature, generator, oil pressure, brakes and seat belts	S	S
Indicators—hi-beam, turn signals and hazard flashers	S	S
Two-speed windshield wipers and washers	S	S
Instrument panel ash tray	S	S
Illuminated heater controls with bright knobs	S	S
80 mph speedometer	S	S
Fuel gage (unleaded fuel only)	S	S
Glove compartment lock	S	S
Black handle parking brake release	S	S
Black "T" handle interior hood release	S	S
Color keyed instrument panel pad	S	S
Color keyed steering wheel	S	S
Black soft trim signal headlight dimmer and shift lever knobs	S	S
Steering column ignition switch and lock	S	S
Plastic cowl panel kick pads	S	S
Dual vent control knobs	S	S
Dual horns	S	EC
Ash tray light	S	EC
Glove compartment light	S	EC
Instrument panel courtesy lights	S	EC
Bright chrome insert on steering wheel rim	S	NA
Carpeting on lower door trim panel	S	NA

S—Standard; EC—Extra Cost; NA—Not Available

1978 MALIBU CLASSIC/MALIBU Coupes/Sedans/Wagons

Recommended Ordering Information

General Styling Information

This year, Malibu introduces a dynamic, all-new family of models to the intermediate market. They're completely new—from bumper to bumper—and the product image of these cars will voice prestige styling and value in a more efficient package.

These new Malibu models are more efficient in size, yet all still provide comfortable seating room for up to six adults with more head and leg room than last year.

MODELS

MALIBU CLASSIC	Model Number
Coupe	1AW27
Landau Coupe	1AW27/Z03
4-Door Sedan	1AW19
Station Wagon (2-seat)	1AW35

MALIBU

Coupe	1AT27
4-Door Sedan	1AT19
Station Wagon (2-seat)	1AT35

POWER TEAMS

Engine	Engine Availability	3-Speed Manual	4-Speed Manual	Automatic Transmission
200 2-barrel V6	RPO L26 Std. (1,5)	RPO M15 Std.	—	RPO M40
231 2-barrel V6	RPO LD5 (2)	—	—	RPO M40
305 2-barrel V8	RPO LG3 (4)	—	RPO M20 (1,5)	RPO M40
350 4-barrel V8	RPO LM1 (3)	—	—	RPO M40

- (1) NA with YF5 California Emission.
 (2) Requires YF5 California Emission.
 (3) Wagons only. Requires NA6 High Altitude Emission.
 (4) NA Wagons with NA6 High Altitude Emission.
 (5) NA with NA6 High Altitude Emission Equipment.

Refer to Dealer Order Guide
for option availability and
application.

NEW STANDARD FEATURES

- Completely new Sedan, Coupe and Wagon styling built on a new 108" wheelbase chassis
- New interior roominess with more head room, leg room and luggage space than recent mid-size Malibu Sedans and Coupes
- New Quiet Sound Group standard on Malibu Classic models
- New standard 200-cubic-inch 2-barrel V6 engine
- New Delco Freedom battery that never needs water
- New interior trim and appointments including new instrument panel and steering wheel
- Choice of 14 exterior colors (9 new for '78)
- New charcoal filter between inlet manifold and power brake vacuum booster
- New dual mode high/low interior ventilation system for improved air flow (except with air conditioning)
- New corrosion protection, all models
- New one-piece interior carpeting
- Reduced turning radius by over two feet for better maneuverability in city traffic and easier parking
- New improved carburetor vapor recovery
- New compact spare tire on Sedans and Coupes for added luggage space
- New adjustable rear quarter vent window on Sedans and rear door vent window on Wagons

CONTINUED STANDARD FEATURES

- Front disc/rear drum brake system
- GM Specification fiber-glass-belted radial ply tires
- Disc brake audible wear sensors
- Molded full-foam seat construction
- High Energy ignition system
- Delcotron generator with built-in solid-state regulator
- Coolant recovery system
- Full Coil suspension
- Ball joint wear indicators on front suspension lower control arms

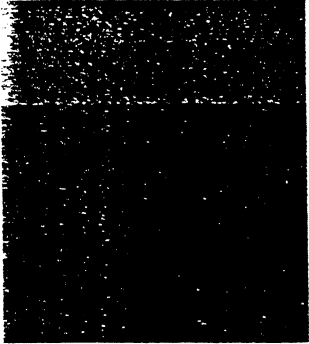
New 1978 Options

- | | | | |
|---|-----|---|-----|
| ■ Sky Roof, Power-operated | CA1 | ■ Wire Wheel Covers | N95 |
| ■ Auxiliary Lighting (Includes the new automatic time-delay dome light) ZJ9 | | ■ Deluxe Luggage Compartment Trim | B48 |
| ■ Power Antenna | U75 | ■ Electro-Clear Rear Window Defogger | C49 |
| ■ 50/50 Passenger Front Seat | — | ■ Power Windows (includes rear vent windows on 4-door models) . . . | A31 |

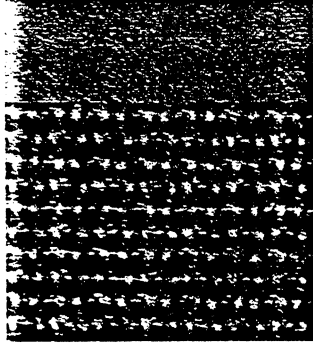
1978 MALIBU CLASSIC/MALIBU COLOR SELECTIONS

To help you select the specific interior trim and color on your 1978 Malibu Classic or Malibu model, there are five distinct trim types. A sample of each trim type, in one of the available colors, is shown below along with a list of other color selections. All 14 exterior colors plus five available Custom Two-Tones are also shown.

INTERIOR TRIMS



Malibu Classic Knit cloth. Black, Blue, Green (shown), Camel, Carmine.

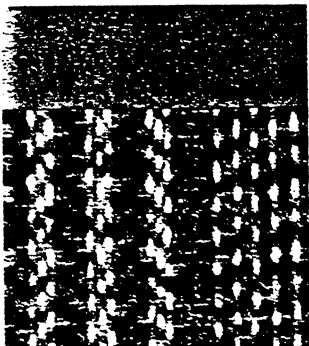


Malibu Cloth. Black, Blue (shown), Green, Camel.



Malibu Classic All-vinyl. Black, Blue, Camel, Carmine (shown), White.

Malibu All-vinyl. Blue, Camel, Carmine, White (shown).



Malibu Classic Wagon Sport cloth. Black, Blue, Camel (shown), Carmine.

EXTERIOR COLORS—All Models

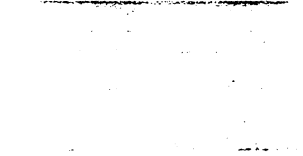
11—White



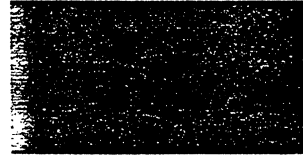
*15—Silver



19—Black



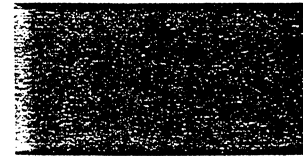
*21—Light Blue



22—Light Blue Metallic



29—Dark Blue Metallic



44—Light Green Metallic



*45—Medium Green Metallic

*61—Light Camel



*63—Camel Metallic



*67—Saffron Metallic



*69—Dark Camel Metallic



*77—Carmine Metallic



*79—Dark Carmine Metallic

*New color for 1978

CUSTOM TWO-TONE (RPO D84)



22—Light Blue Metallic with Dark Blue Metallic Accent Color



15—Silver with Medium Gray Metallic Accent Color



61—Light Camel with Gold Metallic Accent Color



44—Light Green Metallic with Medium Green Metallic Accent Color



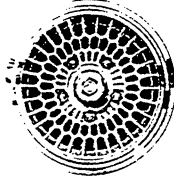
79—Dark Carmine Metallic with Carmine Metallic Accent Color

Refer to Dealer Order Guide for option availability and application.

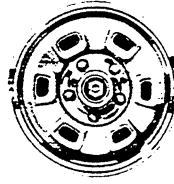
Wheel Trim



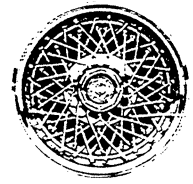
Wheel Cover
Standard on Malibu Classic and Malibu



Sport Wheel Cover
Standard on Malibu Classic Landau. RPO PB2 for other models (Argent color). RPO 55P Gold available with some exterior colors for all models.



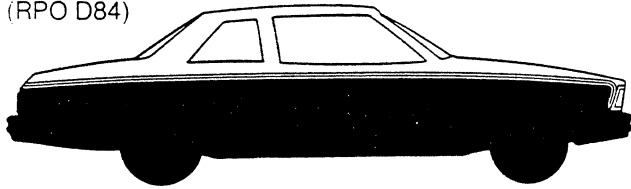
Rally Wheel
RPO ZJ7 for all models except Landau.



Wire Wheel Cover
RPO N95 for all models

Custom Two-Tone

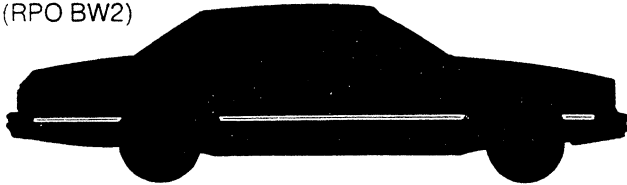
(RPO D84)



Two-tone exterior paint with second color on body sides, fenders and lower deck lid or tailgate. Pin striping separates the two colors. Available in choice of five combinations for all models.

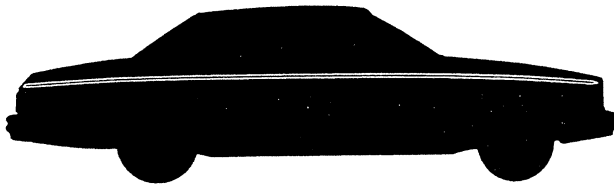
Body Side Moldings

(RPO BW2)



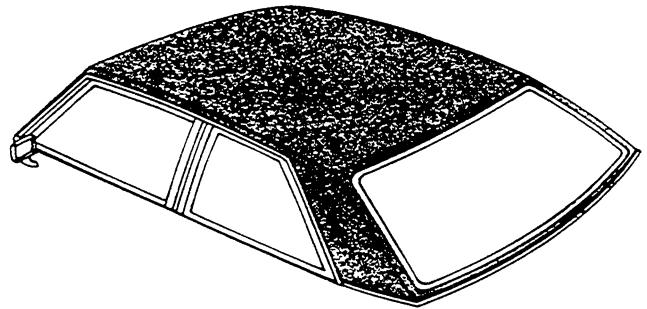
Bright with color-keyed vinyl insert. Available for all models.

Pin Striping (RPO D85)

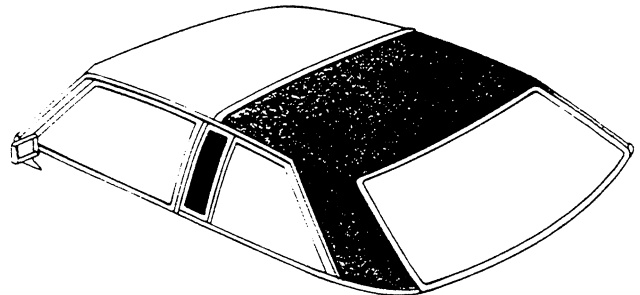


On body sides, fenders and deck lid. Available in eight dual stripe colors. Standard on Landau Coupe.

Vinyl Roof Covers



Full roof cover for Malibu Classic and Malibu Coupes and Sedans. Available in Levant grain vinyl in seven colors. Coupe roof cover shown, cover for Sedan is similar.



Landau roof cover standard on Landau Coupe. Available in Elk grain vinyl in seven colors.

Vinyl Roof Cover Colors

Landaus, Elk-grain (top). All others, Levant-grain (bottom).



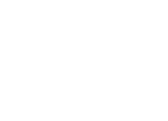
BB Black



DD Blue



GG Green



WW White



CC Camel



RR Carmine



QQ Silver

Refer to Dealer Order Guide for option availability and application.

Introductory Advertising & Merchandising Model

To effectively tie in your Dealership's promotion activities to those cars featured in the early 1978 national advertising, you may wish to include the car described below for your display.

	Malibu Classic Sedan
Exterior Vinyl Roof	Light Camel
Interior	Camel Cloth

Recommended optional equipment for featured car is Quick Spec #513A, plus Custom Two-Tone Paint (D84) and AM/FM Stereo (U58).

Refer to Dealer Order Guide for option availability and application.

Low Price Lookers

Listed below are three suggested Low Price Looker packages . . . base units with a minimum group of appearance options.

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

In instances where it is not practicable to order a Low Price Looker in Phase I or II, consider ordering one among your Phase III units for early post-Announcement Day showroom display.

Malibu Classic	Malibu Sedan	Malibu Wagon
1AW27 (V6) Coupe	1AT19 (V6) Sedan	1AT35 (V6) 2-Seat
QKQ White Stripe Tires	QKQ White Stripe Tires	V55 Roof Carrier
U63 AM Radio	U63 AM Radio	QKS White Stripe Tires
BW2 Body Side Moldings		U63 AM Radio

Available Options

Air Conditioning, Four-Season	C60	Quiet Sound Group	BS1
Air Deflector, Rear Window	C51	Radiator, Heavy-Duty	V01
Axles:		Radio Equipment:	
Performance Ratio	G92	AM Radio	U63
Positraction	G80	AM/FM Radio	U69
Battery, Heavy-Duty	UA1	AM/FM Stereo Radio	U58
Belts, Deluxe: Color-Keyed, Seat and Shoulder	AK1	Stereo Tape System with AM Radio	UM1
Brakes, Power	J50	Stereo Tape System with AM/FM Stereo Radio	UM2
Bumper Equipment:		Speaker, Rear Seat	U80
Bumper Rub Strips	VE5	Power Antenna	U75
Bumper Guards	V30	Windshield Antenna	U76
Carrier, Roof	V55	Roof Cover, Vinyl. (See Color and Trim Selections)	—
Clock, Electric	U35	Seat Equipment:	
Console	D55	Seat 50/50 Passenger	—
Container, Litter	D24	Strato-Bucket Seats. (See Color and Trim Selections)	—
Defogger, Rear Window:		Power Six-Way	A42
Electro-Clear	C49	Security Package, Cargo Area	B3L
Forced-Air	C50	Sky Roof, Power	CA1
Door Lock System, Power	AU3	Speed Control, Cruise-Master	K30
Estate Equipment	BX3	Steering, Power	N41
Floor Covering: Mats, Color-Keyed, Front and Rear	B37	Steering Wheel, Comfortilt	N33
Gage Package	UF7	Striping, Pin: Body Side	D85
Generator, 61-amp Delcotron	K76	Suspension Equipment:	
Glass, Soft-Ray Tinted	A01	Heavy-Duty Front and Rear	F40
Horns, Dual	U05	Sport	F41
Instrumentation, Special	U14	Tailgate Window Release, Power	AU6
Light, Dome Reading	C95	Tires:	
Lighting, Auxiliary	ZJ9	P185/75 Fiber-Glass-Belted Radial Ply White Stripe	QKQ
Luggage Compartment Trim, Deluxe	B48	P195/75 Fiber-Glass-Belted Radial Ply White Stripe	QKS
Mirrors:		P205/75 Steel-Belted Radial Ply White Stripe	QKJ
Outside, Rearview LH Remote	D33	P205/75 Steel-Belted Radial Ply White Lettered	QKK
Sport, LH Remote and RH Manual	D35	P195/75 Steel-Belted Radial Ply White Stripe	QFZ
Sport, Twin Remote	D68	Transmissions:	
Visor Vanity	D34	Four-Speed Manual	M20
Visor Vanity, Illuminated	D64	Automatic	M40
Moldings:		Trunk Opener, Power	A90
Body Side, Deluxe	BW2	Wheel Equipment:	
Door Edge Guard	B93	Rally Wheels	ZJ7
Side Window Reveal	B90	Sport Wheel Covers	PB2
Paint, Custom Two-Tone. (See Color and Trim Selections)	D84	Wire Wheel Covers	N95
		Windows, Power	A31
		Windshield Wiper System, Intermittent	CD4





NEWS

From
Public Relations Department

CHEVROLET MOTOR DIVISION
General Motors Corporation
General Motors Building
Detroit, Mich. 48202

FOR RELEASE

PM's SEPTEMBER 15, 1977

#8229)

1978 MALIBU CLASSIC AND MALIBU

Chevrolet Malibu Classic and Malibu models for 1978 are new mid-size passenger cars that offer efficiency and value normally associated with larger, more expensive cars.

The new intermediate Chevrolets are the third step in a five-year sequence of design events which are responding to consumer desire for more efficient, economical, comfortable, and good-looking automobiles.

The 1978 Malibu Classic and Malibu series are also considered the most important new entries in Chevrolet's overall plan to resize vehicles because they have the broadest market appeal. They are designed to meet the transportation requirements of a majority of future Chevrolet prospects.

Design proportions are shorter and narrower than before, but roomier inside and with more luggage space than the 1977 models. There is more interior headroom and legroom in the coupe and sedan, and in the coupe, more rear hip room and 2.5 inches more rear knee room. Estimated EPA Interior Volume Index shows an increase of 1.5 cubic feet in the sedan and 3.2 cubic feet in the coupe, and there is up to 14 percent more luggage space.

(more)

The new size Malibu Classic and Malibu are available in 2-door coupe, 4-door sedan and 4-door, 2-seat wagon models. Weight is trimmed by 540 pounds on the coupe, 608 pounds on the sedan, and 968 pounds on the wagon. New curb weights are from 3101 to 3267 pounds and the overall weight reduction is from 15 to 23 percent ... an even greater percent reduction than last year's regular-size Chevrolet.

Corresponding mid-size fuel economy improvements boosted by the introduction of a new Chevrolet V6 engine will range from six percent to nearly 30 percent. This should translate to an estimated increase for the Chevrolet series of about 2 to 7 miles per gallon.

Chevrolet V6 engine design is in keeping with the current shorter/lighter weight concept and is 8.3 inches shorter than the previous "in line" six and 60 pounds lighter. Derived from the very successful Chevrolet "small block" V8 engine, nearly all internal and external dimensions not affected by removal of two cylinders can be directly related to the V8 design. It is a 90 degree V6 with a cylinder bore of 3.5 inches and stroke of 3.48 inches for a displacement of 200 cubic inches or 3.3 litres.

Cylinder heads and cylinder block are cast iron, and a new "Dualjet" carburetor is used with a lightweight aluminum intake manifold. Engine efficiency is improved with estimated increases in fuel economy of 10 percent. A new concept in dynamic engine balance is used to make the powerplant an exceptionally smooth operating V6.

(more)

The 3.3 litre (200 CID) V6 engine is standard equipment for all Malibu Classic and Malibu models except in California where a 3.8 litre (231 CID) GM V6 is required. A choice of standard three-speed manual or optional three-speed automatic transmission is available (with the 3.3 litre engine). The automatic transmission is required in California. A 5.0 litre (305 CID) V8 engine is available with a choice of four-speed manual or automatic transmission (automatic transmission required in California). A 5.7 litre V8 is optional for wagon models sold at high altitude.

Built on a shorter 108 inch wheelbase, 1978 Malibu Classic and Malibu models' average length is 192.9 inches overall, which is from 12.5 to 22 inches shorter than 1977. The new designs are narrower, but sedan and coupe models are just as tall.

Slimmer doors and less body side curvature keep the inside width decrease to less than half of the outside reduction. Slim but fully padded shell seat design and crisply styled body surfaces result in greater fore and aft interior dimensions, providing more effective passenger space utilization in all models. The shell construction seats provide additional interior room without a loss in comfort or support.

The feeling of spaciousness inside comes from the vertical orientation of the instrument panel, which is as far forward in the vehicle as possible. Driver controls and instruments are extended toward the driver in a separate module as are controls for the radio and heater/air conditioning. Large expanses of glass all around give a feeling of openness and spaciousness.

-more-

The rear seat in sedan and wagon models has ample hip and elbow room because outboard armrests are recessed into the rear door trim panels. To accommodate this feature, rear door glass is now fixed in these models.

As an added feature for those very tall drivers, manual front seat travel is increased nearly an inch rearward. The additional seat travel is not included in the regular front legroom dimension* so that when the added travel is taken into account, effective front legroom is increased to well over 43 inches.

Trunks of sedan and coupe models are not only larger in capacity, but they are easier to load with more utility for carrying larger objects. A new temporary spare tire and special wheel save ten pounds of weight. Mounted semi-vertically in a stowage well on the right side, it is one cubic foot smaller than the road tire.

New instrument panels feature improved serviceability with plug-in components and a swing-down glove compartment that provides easy access to wiring on the right side.

The new mid-size Malibu Classic and Malibu wagon have been designed for increased utility and have a much wider cargo opening than the 1977 version. Also, a more convenient split tailgate replaces the previous "overhead" or swing-up tailgate.

Like the regular-size wagons, handy stowage compartments are included in the rear quarter trim panels, just inside the tailgate.

"Big car" ride and road isolation are retained with the use of a full perimeter frame which is unusual in a car of this size and weight class. There is potentially less disturbance from road and driveline vibration and noise than in comparable size and weight vehicles with unitized body-frame construction.

* See table - last page.

Patterned after the design and structural analysis of the 1977 Caprice Classic and Impala, the new mid-size body has the most up-to-date design features. These include lighter weight, greater structural efficiency and significantly improved corrosion protection. High level acoustical material provides quiet interiors and fourteen finely tuned rubber body mounts assist in road noise isolation.

Improved corrosion protection is extended throughout the car and includes use of Zincrometal, zinc rich primers and sprays, coatings, anti-corrosion dip and other methods.

In addition to the full frame, the chassis design features four coil spring suspension, single piece prop shaft, front disc/rear drum brakes, relay type steering, 17.5 gallon fuel tank (sedan and coupe), 14 inch wheels, standard radial ply tires and use of the modular mini-enersorber bumper system.

All passengers, even those in the rear seat, benefit from a new ventilation system -- one that can deliver outside air throughout the car under all driving conditions.

For still additional air flow in sedans and station wagons, there are standard rear window swing-out vents. With sedans, this vent is the rear quarter window while on wagons the rear portion of the rear door window area is used. The rear door glass of both sedan and wagon models is fixed to save weight and maintain comfortable rear seat width dimensions.

A Malibu Classic Landau coupe model is available as is an "Estate" option for the Malibu Classic wagon.

Five special custom two-tone paint combinations are optional in 1978 to separate upper and lower body with the following complementary treatments: dark blue and light blue metallic; gold and light camel; carmine and dark carmine metallic; green and light green metallic; and silver with medium gray accent.

MAJOR DIMENSIONS OF 1978 MALIBU CLASSIC & MALIBU
(Over +/Under - 1977 Malibu Classic & Malibu)

	<u>Sedan</u>	<u>Coupe</u>	<u>Wagon</u>
Overall Length	192.7 (-16.5)	192.7 (-12.5)	193.4 (-22.0)
Wheelbase	108.1 (- 7.9)	108.1 (- 3.9)	108.1 (- 7.9)
Overall Width	71.5 (- 5.8)	71.5 (- 5.8)	71.2 (- 6.1)
Overall Height	54.2 (+ 0.2)	53.3 (---)	54.5 (- 1.2)
Front Seat:			
Headroom	38.7 (+ 0.8)	37.9 (+ 0.7)	38.8 (+ 0.3)
Legroom	42.8 (+ 0.5)	42.8 (+ 0.4)	42.8 (+ 0.5)
Hiproom	52.2 (- 2.5)	51.7 (- 3.1)	52.2 (- 2.5)
Rear Seat:			
Headroom	37.7 (+ 0.4)	37.8 (+ 1.1)	38.8 (- 0.4)
Legroom	38.0 (+ 1.1)	35.1 (+ 2.2)	35.9 (+ 2.6)
Hip Room	55.6 (- 2.2)	54.5 (+ 1.8)	55.6 (+ 0.6)
Knee Clearance	1.7 (+ 0.3)	1.2 (+ 2.5)	0.5 (+ 0.5)

#

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

Option Number	Description	Option Number	Description
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder	PB2	WHEEL TRIM: Wheel Covers, Sport (Silver)
AU3	DOOR LOCK SYSTEM, POWER	P01	WHEEL TRIM: Wheel Covers, Full
AU6	TAILGATE WINDOW RELEASE, POWER	QFZ	TIRES: P195/75 R-14-B White Stripe (Radial)
A01	GLASS, SOFT-RAY TINTED: All Windows	QKJ	TIRES: P205/75 R-14-B White Stripe (Radial)
A31	WINDOWS: Power	QKK	TIRES: P205/75 R-14-B White Lettered (Radial)
A42	SEAT, POWER: Six-Way	QKP	TIRES: P185/75 R-14-B Blackwall (Radial)
A90	TRUNK OPENER, POWER	QKQ	TIRES: P185/75 R-14-B White Stripe (Radial)
BS1	QUIET SOUND GROUP	QKR	TIRES: P195/75 R-14-B Blackwall (Radial)
BW2	MOLDINGS: Body Side, Deluxe	QKS	TIRES: P195/75 R-14-B White Stripe (Radial)
BX3	ESTATE EQUIPMENT	UA1	BATTERY, HEAVY-DUTY
B3L	SECURITY PACKAGE: Cargo Area	UF7	GAGE PACKAGE
B37	FLOOR COVERING: Mats, Color-Keyed Floor Front and Rear	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
B39	FLOOR COVERING: Deluxe Load Floor Carpeting	UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
B48	LUGGAGE COMPARTMENT TRIM, DELUXE	UX6	RADIO EQUIPMENT: Speakers, Dual Front
B90	MOLDINGS: Side Window Reveal	U05	HORNS, DUAL
B93	MOLDINGS: Door Edge Guard	U14	INSTRUMENTATION: Special
B96	MOLDINGS: Wheel Opening	U35	CLOCK: Electric
CA1	SKY ROOF, POWER	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
CD4	WINDSHIELD WIPER EQUIPMENT: Intermittent System	U63	RADIO EQUIPMENT: AM Radio
C49	DEFOGGER, REAR WINDOW: Electro-Clear	U69	RADIO EQUIPMENT: AM/FM Radio
C50	DEFOGGER, REAR WINDOW: Forced Air	U75	RADIO EQUIPMENT: Power Antenna
C51	AIR DEFLECTOR, REAR WINDOW	U76	RADIO EQUIPMENT: Windshield Antenna
C60	AIR CONDITIONING: Four-Season	U80	RADIO EQUIPMENT: Speaker, Rear Seat
C95	LIGHT, DOME READING	VE5	BUMPER EQUIPMENT: Bumper Rub Strips
D24	CONTAINER, LITTER	V01	RADIATOR, HEAVY-DUTY
D33	MIRROR: Outside Rearview, LH Remote	V30	BUMPER EQUIPMENT: Bumper Guards. Front and Rear
D34	MIRROR: Visor Vanity	V55	CARRIER, ROOF
D35	MIRRORS: Sport, LH Remote and RH Manual	YF5	EMISSION SYSTEMS: California Emission Requirements
D55	CONSOLE	ZJ7	WHEEL TRIM: wheels, Rally
D64	MIRROR: Visor Vanity, Illuminated	ZJ9	LIGHTING, AUXILIARY
D68	MIRRORS: Sport, Twin Remote	ZP2	EXTERIOR/INTERIOR OVERRIDE
D84	PAINT: Custom Two-Tone	Z03	LANDAU (Model Option)
D85	STRIPING, PIN: Body Side	11A	STRIPING: White
F40	SUSPENSION EQUIPMENT: Heavy-Duty Front and Rear	13A	STRIPING: Silver
F41	SUSPENSION EQUIPMENT: Sport	19A	STRIPING: Black
G80	AXLE, REAR: Positraction	27A	STRIPING: Light Blue
G92	AXLE, REAR: Performance Ratio	49A	STRIPING: Light Green
J50	BRAKES, POWER	54A	STRIPING: Gold
K30	SPEED CONTROL: Cruise-Master	75A	STRIPING: Red
K76	GENERATOR: 61-Amp Delcotron	95A	STRIPING: Buckskin
LD5	ENGINE: 231 Cu. In. V6	55P	WHEEL TRIM: Wheel Covers, Sport (Gold)
LG3	ENGINE: 305 Cu. In. V8	19Q	MOLDINGS: Black
LM1	ENGINE: 350 Cu. In. V8	22Q	MOLDINGS: Light Blue
L26	ENGINE: 3.3 Litre (200 Cu. In.) V6	44Q	MOLDINGS: Light Green
MM3	TRANSMISSION: 3-Speed Manual	61Q	MOLDINGS: Light Camel
MM4	TRANSMISSION: 4-Speed Manual	79Q	MOLDINGS: Dark Carmine
MX1	TRANSMISSION: Automatic		
NA2	EMISSION SYSTEMS: Standard Emission Equipment		
NA6	EMISSION SYSTEMS: High Altitude Emission Equipment		
N33	STEERING WHEEL: Comfortilt		
N41	STEERING, POWER		
N95	WHEEL TRIM: Wheel Covers, Wire		

MALIBU CLASSIC LANDAU

VINYL ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability	
Black	BB	Rec: 11, 15, 19, 61 or 67	Acc: 21, 22, 29, 44, 45, 63, 77 or 79
Blue, Light (Met)	DD	Rec: 11, 21, 22 or 29	Acc: 19
Camel, Light	CC	Rec: 61, 63 or 69	Acc: 11, 19 or 67
Carmine, Dark (Met)	RR	Rec: 79	Acc: 77
Green, Light (Met)	GG	Rec: 11, 44 or 45	Acc: 19
Silver	OO	Rec: 15 or 19	Acc: 77
White	WW	Rec: All except 15, 61, 69 or 79	Acc: 11, 19, 61, 69 or 79

Rec = Recommended; Acc = Acceptable

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

COLOR AND TRIM SELECTION

Seat, headliner and Door Trim Color	Black	Blue	Camel	Carmine	Green	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Carmine	Green	Black	Blue	Carmine	Green

Model Seat Type

1A27/Z03	Knit Cloth Bench	PBB1	PDD1	PCC1	PRR1	PGG1				
	Knit Cloth 50/50	PBB3	PDD3	PCC3	PRR3	PGG3				
	Vinyl Bench	VBB1	VDD1	VCC1	VRR1		VWB1	VWD1	VWR1	VWG1
	Vinyl Bucket		VDD2	VCC2	VRR2		VWB2	VWD2	VWR2	VWG2
	Vinyl 50/50	VBB3			VRR3		VWB3	VWD3	VWR3	VWG3

WITHOUT D84 CUSTOM TWO-TONE PAINT

Exterior Paint Color Code

Color	L		R	A	R	R	A	R	R	R
Black	19		R	A	R	R	A	R	R	R
Blue, Dark (Met)	29		A	R	A			A	R	
Blue, Light (Met)	22		A	R				A	R	
Blue, Light	21		A	R				A	R	
Camel (Met)	63		A		R			A		
Camel, Dark (Met)	69		A		R			A		
Camel, Light	61		R		R	A		A		
Carmine (Met)	77		A		A	R		A		R
Carmine, Dark (Met)	79		A		R	R		A		A
Green, Light (Met)	44		A		A		R	A		R
Green, Medium (Met)	45		A		A		R	A		R
Saffron (Met)	67		R		A			R		
Silver	15		R	A		R		R		
White	11		R	R	R	R	R	R	R	R

L=Lower

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) REFER TO PAGE 10 FOR ACCENT COLORS)

Exterior Paint Color Code

Color	L	V		A	R			A	A	
Blue, Light (Met)	22	DD		A	R			A	A	
Camel, Light	61	CC		A		R				
Carmine, Dark (Met)	79	RR		A		R	R			A
Green, Light (Met)	44	GG		A		A		R		A
Silver	15	OO		R		R		A		

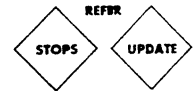
L=Lower V=Vinyl Roof

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO		
		2.29	2.56	2.73
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION				
L26	MM3 or MX1	-	-	Std
LG3	MM4	-	-	Std
	MX1	Std	-	G92
WITH YF5 CALIFORNIA				
L05	MX1	-	-	Std
LG3	MX1	Std	-	G92
WITH NA6 HIGH ALTITUDE EMISSION				
LG3	MX1	-	Std	-

MALIBU CLASSIC LANDAU



Model

1AW27/Z03 Malibu Classic Landau Coupe
 --- Z03 Landau (Reqs Vinyl Roof Cover) (Standard Wheel Cover Silver; Gold Wheel Cover, 55P, Optional)

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

--- L26 3.3 Litre (200 Cu. In.) V6
 --- LG3 305 Cu. In. V8 (Reqs J50 Brakes and N41 Steering) (N/A MM3 Trans)

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

--- LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

CALIFORNIA REGISTRATION (REQS YF5)

--- LD5 231 Cu. In. V6 (Reqs MX1 Trans)
 --- LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

QUICK-SPEC

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

Landau	Z03	X	X	X	X
Transmission, Automatic	MX1	X	X	X	X
Brakes, Power	J50	X	X	X	X
Tires, P195/75 White Stripe	QFZ	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X
Mirror, LF Remote	D33	X	N/INCL		
Radio, AM	U63	X	N/INCL		
Moldings, Body Side Deluxe Console (w/Bucket Seats)	BW2	X	X	X	X
Steering, Power	D55	X	X	X	X
Steering, Power	N41	X	X	X	X
Moldings, Door Edge Guard	B93	X	X	X	X
Bumper Rub Strips	VE5	X	X	X	X
Speaker, Rear Seat	U80	X	N/INCL		
Mats, Color-Keyed Floor	B37	X	X	X	X
Belts, Deluxe	AK1	X	X	X	X
Clock, Electric	U35	X	N/INCL		
Bumper Guards	V30	X	X	X	X
Mirrors, Sport LH Remote and RH Manual	D35	X	X	X	X
Steering Wheel, Comfortilt	N33	X	X	X	X
Speed Control (w/MX1 Trans only)	K30	X	X	X	X
Defogger, Rear Window					
Forced Air	C50	X	N/INCL		
Lighting, Auxiliary	Z19	X	X	X	X
Radio, AM/FM	U69	X	N/INCL		
Door Lock System, Power	AU3	X	X		
Windows, Power	A31	X	X		
Radio, AM/FM Stereo	U58	X	X		
Defogger, Rear Window					
Electro-Clear	C49	X	X		
Gage Package	UF7	X	X		
Seat, Power (N/A Bucket Seats)	A42	X			
Mirror, Visor Vanity	D34	X			
Container, Litter	D24	X			
W/S Wiper Equip., Intermittent	CD4	X			
Power Antenna	U75	X			
Wheel Covers, Wire	N95	X			

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

O-S	OPTION
516	C60 AIR CONDITIONING: Four-Season (LD5 or L26 Eng reqs J50 Brakes and N41 Steering) (Incls K76 Gen)
	AXLES, REAR:
---	G92 --Performance Ratio (See Power Teams Chart) (Reqs LG3 Eng and MX1 Trans)
---	G80 --Positraction (Includes Stowaway Spare Tire)

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

O-S	OPTION
517	UA1 BATTERY, HEAVY-DUTY
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder
516	J50 BRAKES, POWER
	BUMPER EQUIPMENT: Front and Rear
517	VE5 --Bumper Rub Strips
517	V30 --Bumper Guards
517	U35 CLOCK: Electric (Incl w/UF7 Gages or U14 Instr)
516	D55 CONSOLE: (Reqs Bucket Seats)
520	D24 CONTAINER, LITTER
	DEFOGGER, REAR WINDOW:
518	C50 --Forced Air
519	C49 --Electro-Clear (Incls K76 Gen w/o C60 Air)
519	AU3 DOOR LOCK SYSTEM, POWER
	EMISSION SYSTEMS: (MUST ORDER ONLY ONE)
	(See Power Teams Chart)
---	YF5 --California Emission Requirements
---	NA6 --High Altitude Emission Equipment
---	NA2 --Standard Emission Equipment
517	B37 FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
✓ 519	UF7 GAGE PACKAGE: (N/A U14 Instrumentation) (Incls U35 Clock)
---	K76 GENERATOR: 61-Amp Delcotron (Incl w/C60 Air or C49 Defogger)
516	A01 GLASS, SOFT-RAY TINTED: All Windows
---	U14 INSTRUMENTATION: (N/A UF7 Gages) (Incls U35 Clock)
---	C95 LIGHT, DOME READING
518	Z19 LIGHTING, AUXILIARY
---	B48 LUGGAGE COMPARTMENT TRIM, DELUXE MIRRORS:
516	D33 --Outside Rearview, LH Remote
✓ 517	D35 --Sport, LH Remote and RH Manual
---	D68 --Sport, Twin Remote
---	D34 --Visor Vanity
---	D64 --Visor Vanity, Illuminated
---	MOLDINGS:
516	BW2 --Body Side, Deluxe (See Page 10 for Standard Color Application)
517	B93 --Door Edge Guard
---	D84 PAINT, CUSTOM TWO-TONE (Refer Page 2 for exterior paint availability and Page 10 for accent color)
---	V01 RADIATOR, HEAVY-DUTY
	RADIO EQUIPMENT:
516	U63 --AM Radio
518	U69 --AM/FM Radio
519	U58 --AM/FM Stereo Radio
---	UM1 --Stereo Tape System w/AM Radio
---	UM2 --Stereo Tape System w/AM/FM Stereo Radio
517	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
---	UX6 --Speakers, Dual Front (Reqs U63 or U69 Radio) (Incl w/U58, UM1 or UM2 Radio)
---	U76 --Windshield Antenna (Incl w/above Radio Equip w/o U75 Antenna)
520	U75 --Power Antenna (Reqs U63, U69, U58, UM1 or UM2 Radio) (N/A U76 Antenna)
---	... ROOF COVER, VINYL: (See Color and Trim Chart)
520	A42 SEAT, POWER: Six-Way (N/A Bucket Seats) (Driver's Side only w/50/50 Seat)
---	CA1 SKY ROOF, POWER
518	K30 SPEED CONTROL: Cruise-Master (Reqs MX1 Trans and J50 Brakes)
516	N41 STEERING, POWER
518	N33 STEERING WHEEL: Comfortilt
---	SUSPENSION EQUIPMENT: Suspension
---	F40 --Heavy-Duty Front and Rear (N/A F41 Susp)
---	F41 --Sport (Reqs P205/75 Tires and V8 Eng)
---	TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
---	--Fiberglass Belted Radial Ply (R-14-B)
---	OKP ---P185/75 B/W
---	OKO ---P185/75 W/S
---	--Steel Belted Radial Ply (R-14-B)
516	OFZ ---P195/75 W/S
---	OKJ ---P205/75 W/S (Reqs F41 Susp)
---	OKK ---P205/75 W/L (Reqs F41 Susp)
---	TRANSMISSIONS: (See Power Teams Chart)
---	MM3 --3-Speed Manual (Reqs L26 Eng) (N/A YF5 Calif or NA6 Altitude)
---	MM4 --4-Speed Manual (Reqs LG3 Eng)
516	MX1 --Automatic
---	A90 TRUNK OPENER, POWER
	WHEEL TRIM:
---	ZJ7 --Wheels, Rally
---	55P --Wheel Covers, Sport--Gold (N/A 15, 21, 22, 29, 44 or 77 Paint)
✓ 520	N95 --Wheel Covers, Wire
519	A31 WINDOWS: Power
520	CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

VINYL ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability	
Black	BB	Rec: 11, 15, 19, 61, 67	Acc: 21, 22, 29, 44, 45, 63, 77 or 79
Blue, Light (Met)	DD	Rec: 11, 21, 22 or 29	Acc: 19
Camel, Light	CC	Rec: 61, 63 or 69	Acc: 11, 19 or 67
Carmine, Dark (Met)	RR	Rec: 79	Acc: 77
Green, Light (Met)	GG	Rec: 11, 44 or 45	Acc: 19
Silver	00	Rec: 15 or 19	Acc: 77
White	WW	Rec: All except 15, 61, 69 or 79	Acc: 15, 61, 69 or 79

Rec = Recommended; Acc = Acceptable

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Carmine	Green	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Carmine	Green	Black	Blue	Carmine	Green

Model	Seat Type									
1AW27	Knit Cloth Bench	PBB1	PDD1	PCC1	PRR1	PGG1				
	Knit Cloth 50/50	PBB3	PDD3	PCC3	PRR3	PGG3				
	Vinyl Bench	VBB1	VDD1	VCC1	VRR1		VWB1	VWD1	VWR1	VWG1
	Vinyl Bucket		VDD2	VCC2	VRR2		VWB2	VWD2	VWR2	VWG2
1AW19	Knit Cloth Bench	PBB1	PDD1	PCC1	PRR1	PGG1				
	Knit Cloth 50/50	PBB3	PDD3	PCC3	PRR3	PGG3				
	Vinyl Bench	VBB1	VDD1	VCC1	VRR1					
	Vinyl 50/50	VBB3			VRR3					

WITHOUT D84 CUSTOM TWO-TONE PAINT

Exterior Paint Color	Color Code									
	L	U								
Black	19	19	R	A	R	R	A	R		R
Blue, Dark (Met)	29	29	A	R	A					
Blue, Light (Met)	22	22	A	R				A	R	
Blue, Light	21	21	A	R				A	R	
Camel (Met)	63	63	A		R			A		
Camel, Dark (Met)	69	69	A		R			A		
Camel, Light	61	61	R		R	A		A		
Carmine (Met)	77	77	A		A	R		A		R
Carmine, Dark (Met)	79	79	A		R	R		A		A
Green, Light (Met)	44	44	A		A		R	A		R
Green, Medium (Met)	45	45	A		A		R	A		R
Saffron (Met)	67	67	R		A			R		
Silver	15	15	R	A		R		R		
White	11	11	R	R	R	R	R	R	R	R

L=Lower U=Upper

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) (REFER TO PAGE 10 FOR ACCENT COLORS)

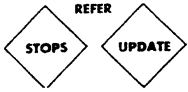
Exterior Paint Color	Color Code									
	L	U	V							
Blue, Light (Met)	22	22	DD	A	R				A	A
Camel, Light	61	61	CC	A		R				
Carmine, Dark (Met)	79	79	RR	A		R	R			A
Green, Light (Met)	44	44	GS	A		A		R		A
Silver	15	15	00	R			R		A	

L=Lower U=Upper V=Vinyl Roof

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO		
	2.29	2.56	2.73
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION			
L26 MM3 or *X1	-	-	Std
LG3 MM4	-	-	Std
	Std	-	G92
WITH YF5 CALIFORNIA			
L26 *X1	-	-	Std
LG3 *X1	Std	-	G92
WITH NA6 HIGH ALTITUDE EMISSION			
LG3 *X1	-	Std	-



Model

1AW19 Malibu Classic Sedan
1AW27 Malibu Classic Sport Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

- L26 3.3 Litre (200 Cu. In.) V6
- LG3 305 Cu. In. V8 (Reqs J50 Brakes and N41 Steering) (N/A MM3 Trans)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT

- (Recommended above 4000 Foot Altitude)
- LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

CALIFORNIA REGISTRATION (REQS YF5)

- LD5 231 Cu. In. V6 (Reqs MX1 Trans)
- LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

QUICK-SPEC

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

	✓	✓	✓	✓
5	5	5	5	5
1	1	1	1	1
1	2	3	4	5
A	A	B	B	C

Transmission, Automatic	MX1	X	X	X	X	X
Brakes, Power	J50	X	X	X	X	X
Tires, P195/75 White Stripe	QFZ	X	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X	X
Radio, AM	U63	X	X	N/INCL		
Moldings, Body Side Deluxe Console (1AW27 only)	BW2	X	X	X	X	X
(w/Bucket Seats)	D55	X	X	X	X	X
Steering, Power	N41	X	X	X	X	X

Moldings, Door Edge Guard	B93	X	X	X	X	
Mirror, LH Remote	D35	X	X	X	X	
Speaker, Rear Seat	U80	X	X	X	NOT INCL	
Mats, Color-Keyed Floor	B37	X	X	X	X	
Belts, Deluxe	AK1	X	X	X	X	
Clock, Electric	U35	X	X	N/INCL		
Bumper Guards	V30	X	X	X	X	

Bumper Rub Strips	VE5	X	X	X		
Steering Wheel, Comfortilt	N33	X	X	X		
Lighting, Auxiliary	Z19	X	X	X		
Radio, AM/FM	U69	X	X	NOT INCL		
Speed Control (w/MX1 Trans only)	K30	X	X	X		
Wheels, Rally	ZJ7	X	X	X		
Mirrors, Sport LH Remote and RH Manual	D35	X	X	X		

Door Lock System, Power	AU3	X	X			
Defogger, Rear Window						
Forced Air	C50	X	NOT INCL			
Windows, Power	A31	X	X			
Gage Package	UF7	X	X			

Radio, AM/FM Stereo	U58	X				
Defogger, Rear Window						
Electro-Clear	C49	X				
W/S Wiper Equip., Intermittent	CD4	X				
Power Antenna	U75	X				

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

- Q-S OPTION
- 511 C60 AIR CONDITIONING: Four-Season (LD5 or L26 Eng reqs J50 Brakes and N41 Steering) (Incls K76 Gen)
 - AXLES, REAR:
 - G92 --Performance Ratio (See Power Teams Chart) (Reqs LG3 Eng and MX1 Trans)
 - G80 --Positraction (Includes Stowaway Spare Tire)
 - UA1 BATTERY, HEAVY-DUTY
 - 512 AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

- Q-S OPTION
- 511 J50 BRAKES, POWER
 - BUMPER EQUIPMENT: Front and Rear
 - 513 VE5 --Bumper Rub Strips
 - 512 V30 --Bumper Guards
 - 512 U35 CLOCK: Electric (Incl w/UF7 Gages or U14 Instr)
 - 511 D55 CONSOLE: (1AW27 only) (Reqs Bucket Seats)
 - D24 CONTAINER, LITTER
 - DEFOGGER, REAR WINDOW:
 - 514 C50 --Forced Air
 - C49 --Electro-Clear (Incls K76 Gen w/o C60 Air)
 - 515 AU3 DOOR LOCK SYSTEM, POWER
 - 514 EMISSION SYSTEMS: (MUST ORDER ONLY ONE) (See Power Teams Chart)
 - YF5 --California Emission Requirements
 - NA6 --High Altitude Emission Equipment
 - NA2 --Standard Emission Equipment
 - B37 FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
 - 514 UF7 GAGE PACKAGE: (N/A U14 Instrumentation) (Incls U35 Clock)
 - K76 GENERATOR: 61-Amp Delcotron (Incl w/C60 Air or C49 Defogger)
 - 511 A01 GLASS, SOFT-RAY TINTED: All Windows
 - U14 INSTRUMENTATION: (N/A UF7 Gages) (Incls U35 Clock)
 - C95 LIGHT, DOME READING
 - 513 ZJ9 LIGHTING, AUXILIARY
 - B48 LUGGAGE COMPARTMENT TRIM, DELUXE MIRRORS:
 - 512 D33 --Outside Rearview, LH Remote
 - 513 D35 --Sport, LH Remote and RH Manual
 - D68 --Sport, Twin Remote
 - D34 --Visor Vanity
 - D64 --Visor Vanity, Illuminated
 - MOLDINGS:
 - 511 BW2 --Body Side, Deluxe (See Page 10 for Standard Color Application)
 - 512 B93 --Door Edge Guard
 - D84 PAINT, CUSTOM TWO-TONE (Refer Page 4 for exterior paint availability and Page 10 for accent color)
 - V01 RADIATOR, HEAVY-DUTY
 - RADIO EQUIPMENT:
 - 511 U63 --AM Radio
 - 513 U69 --AM/FM Radio
 - 515 U58 --AM/FM Stereo Radio
 - UM1 --Stereo Tape System w/AM Radio
 - UM2 --Stereo Tape System w/AM/FM Stereo Radio
 - 512 U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
 - UX6 --Speakers, Dual Front (Reqs U63 or U69 Radio) (Incl w/U58, UM1 or UM2 Radio)
 - U76 --Windshield Antenna (Incl w/above Radio Equip w/o U75 Antenna)
 - 515 U75 --Power Antenna (Reqs U63, U69, U58, UM1 or UM2 Radio) (N/A U76 Antenna)
 - ... ROOF COVER, VINYL: (See Color and Trim Chart)
 - A42 SEAT, POWER: Six-Way (N/A Bucket Seats) (Driver's Side only w/50/50 Seat)
 - CA1 SKY ROOF, POWER: (1AW27 only)
 - 513 K30 SPEED CONTROL: Cruise-Master (Reqs MX1 Trans and J50 Brakes)
 - 511 N41 STEERING, POWER
 - 513 N33 STEERING WHEEL: Comfortilt
 - D85 STRIPING, PIN: Body Side (N/A D84 Paint) (Refer Page 10 for Standard Stripe color application)
 - SUSPENSION EQUIPMENT: Suspension
 - F40 --Heavy-Duty Front and Rear (N/A F41 Susp)
 - F41 --Sport (Reqs P205/75 Tires and V8 Eng)
 - TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
 - QKP ---P185/75 B/W
 - QKQ ---P185/75 W/S
 - ---Steel Belted Radial Ply (R-14-B)
 - 511 QFZ ---P195/75 W/S
 - QKJ ---P205/75 W/S (Reqs F41 Susp)
 - QKK ---P205/75 W/L (Reqs F41 Susp)
 - TRANSMISSIONS: (See Power Teams Chart)
 - MM3 --3-Speed Manual (Reqs L26 Eng) (N/A YF5 Calif or NA6 Altitude)
 - MM4 --4-Speed Manual (Reqs LG3 Eng)
 - 511 MX1 --Automatic
 - A90 TRUNK OPENER, POWER
 - WHEEL TRIM:
 - 513 ZJ7 --Wheels, Rally
 - PB2 --Wheel Covers, Sport--Silver
 - 55P --Wheel Covers, Sport--Gold (N/A 15, 21, 22, 29, 44 or 77 Paint)
 - N95 --Wheel Covers, Wire
 - 514 A31 WINDOWS: Power
 - 515 CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

VINYL ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability	
Black	BB	Rec: 11, 15, 19, 61 or 67	Acc: 21, 22, 25, 44, 45, 63, 77 or 79
Blue, Light (Met)	DD	Rec: 11, 21, 22 or 29	Acc: 19
Camel, Light	CC	Rec: 61, 63 or 69	Acc: 11, 19 or 67
Carmine, Dark (Met)	RR	Rec: 79	Acc: 77
Green, Light (Met)	GG	Rec: 11, 44 or 45	Acc: 19
Silver	QQ	Rec: 15 or 19	Acc: 77
White	WW	Rec: All except 15, 61, 69 or 79	Acc: 15, 61, 69 or 79

Rec = Recommended; Acc = Acceptable

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Car- mine	Green	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Car- mine	Green	Black

Model Seat Type

1AT27	Cloth Bench	CBS1	CDS1	CCS1		CGS1
	Vinyl Bench		VDS1	VCS1	VRS1	VWS1
1AT19	Cloth Bench	CBS1	CDS1	CCS1		CGS1
	Vinyl Bench		VDS1	VCS1	VRS1	

WITHOUT D84 CUSTOM TWO-TONE PAINT

Exterior Paint Color	Color Code		R	A	R	R	A	R
	L	U						
Black	19	19	R	A	R	R	A	R
Blue, Dark (Met)	29	29	A	R	A			A
Blue, Light (Met)	22	22	A	R				A
Blue, Light	21	21	A	R				A
Camel (Met)	63	63	A		R			A
Camel, Dark (Met)	69	69	A		R			A
Camel, Light	61	61	R		R	A		A
Carmine (Met)	77	77	A		A	R		A
Carmine, Dark (Met)	79	79	A		R	R		A
Green, Light (Met)	44	44	A		A		R	A
Green, Medium (Met)	45	45	A		A		R	A
Saffron (Met)	67	67	R		A			R
Silver	15	15	R	A		R		R
White	11	11	R	R	R	R	R	R

L=Lower U=Upper

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) (REFER TO PAGE 10 FOR ACCENT COLORS)

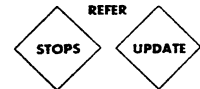
Exterior Paint Color	Color Code			A	R	R	R	A	R
	L	U	V						
Blue, Light (Met)	22	22	DD	A	R				A
Camel, Light	61	61	CC	A		R			
Carmine, Dark (Met)	79	79	RR	A		R	R		
Green, Light (Met)	44	44	GG	A		A		R	
Silver	15	15	QQ	R			R		A

L=Lower U=Upper V=Vinyl Roof

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO		
	2.29	2.56	2.73
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION			
L26 MM3 or MX1	-	-	Std
LG3 MM4	-	-	Std
MX1	Std	-	G92
WITH YF5 CALIFORNIA			
LD5 MX1	-	-	Std
LG3 MX1	Std	-	G92
WITH NA6 HIGH ALTITUDE EMISSION			
LG3 MX1	-	Std	-



Model

1AT19 Malibu Sedan
1AT27 Malibu Sport Coupe

← **COLOR AND TRIM SELECTION**

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

— L26 3.3 Litre (200 Cu. In.) V6
— LG3 305 Cu. In. V8 (Reqs J50 Brakes and N41 Steering) (N/A MM3 Trans)

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

— LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

CALIFORNIA REGISTRATION (REQS YF5)

— LD5 231 Cu. In. V6 (Reqs MX1 Trans)
— LG3 305 Cu. In. V8 (Reqs MX1 Trans, J50 Brakes and N41 Steering)

QUICK-SPEC

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

	✓	✓	✓	✓
Transmission, Automatic	✓	✓	✓	✓
Brakes, Power	5	5	5	5
Radio, AM	3	3	3	3
Tires, P195/75 White Stripe	1	2	3	4
Steering, Power	3	3	3	3
Moldings, Wheel Opening	1	2	3	4
Wheel Covers, Full	1	2	3	4
Moldings, Body Side Deluxe	C	C	C	C

Transmission, Automatic	MX1	X	X	X	X
Brakes, Power	J50	X	X	X	X
Radio, AM	U63	X	X	XN/INCL	
Tires, P195/75 White Stripe	QFZ	X	X	X	X
Steering, Power	N41	X	X	X	X
Moldings, Wheel Opening	B96	X	X	X	X
Wheel Covers, Full	P01	X	X	XN/INCL	
Moldings, Body Side Deluxe	BW2	X	X	X	X

Glass, Soft-Ray Tinted	A01	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X	X
Mirror, LH Remote	D33	X	XN/INCL		
Belts, Deluxe	AK1	X	X	X	X

Moldings, Door Edge Guard	B93	X	X	X	
Clock, Electric	U35	X	X	X	
Defogger, Rear Window	C50	XN/INCL			
Bumper Guards	V30	X	X	X	
Bumper Rub Strips	VE5	X	X	X	

Wheels, Rally	ZJ7	X	X		
Mirrors, Sport LH Remote and RH Manual	D35	X	X		
Speaker, Rear Seat	U80	X	X		
Radio, AM/FM	U69	X	X		
Defogger, Rear Window Electro-Clear	C49	X	X		

Speed Control (w/MX1 Trans only)	K30	X			
Lighting, Auxiliary	Z19	X			
Steering Wheel, Comfortilt	N33	X			
W/S Wiper Equip., Intermittent	CD4	X			
Horns, Dual	U05	X			

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

<u>532</u>	<u>C60 AIR CONDITIONING:</u> Four-Season (LD5 or L26 Eng reqs J50 Brakes and N41 Steering) (Incls K76 Gen)
	<u>AXLES, REAR:</u>
	G92 --Performance Ratio (See Power Teams Chart) (Reqs LG3 Eng and MX1 Trans)
	G80 --Positraction (Includes Stowaway Spare Tire)
<u>532</u>	UA1 <u>BATTERY, HEAVY-DUTY</u>
<u>532</u>	AK1 <u>BELTS, DELUXE:</u> Color-Keyed Seat and Shoulder
<u>531</u>	J50 <u>BRAKES, POWER</u>
	<u>BUMPER EQUIPMENT:</u> Front and Rear
<u>533</u>	VE5 --Bumper Rub Strips
<u>533</u>	V30 --Bumper Guards
<u>533</u>	U35 <u>CLOCK:</u> Electric (Incl w/UF7 Gages or U14 Instr)
	D24 <u>CONTAINER, LITTER</u>

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

<u>533</u>	<u>DEFOGGER, REAR WINDOW:</u>
<u>534</u>	C50 --Forced Air
	C49 --Electro-Clear (Incls K76 Gen w/o C60 Air)
	AU3 <u>DOOR LOCK SYSTEM, POWER</u>
	<u>EMISSION SYSTEMS:</u> (MUST ORDER ONLY ONE) (See Power Teams Chart)
	YF5 --California Emission Requirements
	NA6 --High Altitude Emission Equipment
	NA2 --Standard Emission Equipment
<u>532</u>	B37 <u>FLOOR COVERING:</u> Mats, Color-Keyed Floor. Front and Rear
	UF7 <u>GAGE PACKAGE:</u> (N/A U14 Instrumentation) (Incls U35 Clock)
	K76 <u>GENERATOR:</u> 61-Amp Delcocon (Incl w/C60 Air or C49 Defogger)
<u>532</u>	A01 <u>GLASS, SOFT-RAY TINTED:</u> All Windows
<u>535</u>	U05 <u>HORNS, DUAL</u>
	U14 <u>INSTRUMENTATION:</u> (N/A UF7 Gages) (Incls U35 Clock)
	C95 <u>LIGHT, DOME READING</u>
	ZJ9 <u>LIGHTING, AUXILIARY</u>
	B48 <u>LUGGAGE COMPARTMENT TRIM, DELUXE</u>
	<u>MIRRORS:</u>
<u>532</u>	D33 --Outside Rearview, LH Remote
<u>534</u>	D35 --Sport, LH Remote and RH Manual
	D68 --Sport, Twin Remote
	D34 --Visor Vanity
	D64 --Visor Vanity, Illuminated
	<u>MOLDINGS:</u>
<u>531</u>	BW2 --Body Side, Deluxe (See Page 10 for Standard Color Application)
<u>533</u>	B93 --Door Edge Guard
	B90 --Side Window Reveal (1AT19 only)
	B96 --Wheel Opening
	D84 <u>PAINT, CUSTOM TWO-TONE</u> (Refer Page 6 for exterior paint availability and Page 10 for accent color)
	BS1 <u>QUIET SOUND GROUP</u>
	Y01 <u>RADIATOR, HEAVY-DUTY</u>
	<u>RADIO EQUIPMENT:</u>
<u>531</u>	U63 --AM Radio
<u>534</u>	U69 --AM/FM Radio
	U58 --AM/FM Stereo Radio
	UM1 --Stereo Tape System w/AM Radio
	UM2 --Stereo Tape System w/AM/FM Stereo Radio
<u>534</u>	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
	UX6 --Speakers, Dual Front (Reqs U63 or U69 Radio) (Incl w/U58, UM1 or UM2 Radio)
	U76 --Windshield Antenna (Incl w/above Radio Equip w/o U75 Antenna)
	U75 --Power Antenna (Reqs U63, U69, U58, UM1 or UM2 Radio) (N/A U76 Antenna)
	... <u>ROOF COVER, VINYL:</u> (See Color and Trim Chart)
	A42 <u>SEAT, POWER:</u> Six-Way
	CA1 <u>SKY ROOF, POWER:</u> (1AT27 only)
<u>535</u>	K30 <u>SPEED CONTROL:</u> Cruise-Master (Reqs MX1 Trans and J50 Brakes)
<u>531</u>	N41 <u>STEERING, POWER</u>
<u>535</u>	N33 <u>STEERING WHEEL:</u> Comfortilt
	D85 <u>STRIPING, PIN:</u> Body Side (N/A D84 Paint) (Refer Page 10 for Standard Stripe color application)
	<u>SUSPENSION EQUIPMENT:</u> Suspension
	F40 --Heavy-Duty Front and Rear (N/A F41 Susp)
	F41 --Sport (Reqs P205/75 Tires and V8 Eng)
	<u>TIRES:</u> (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
	--Fiberglass Belted Radial Ply (R-14-B)
	QKP ---P185/75 B/W
	QKQ ---P185/75 W/S
	--Steel Belted Radial Ply (R-14-B)
<u>531</u>	QFZ ---P195/75 W/S
	QKJ ---P205/75 W/S (Reqs F41 Susp)
	QKK ---P205/75 W/L (Reqs F41 Susp)
	<u>TRANSMISSIONS:</u> (See Power Teams Chart)
	MM3 --3-Speed Manual (Reqs L26 Eng) (N/A YF5 Calif or NA6 Altitude)
<u>531</u>	MM4 --4-Speed Manual (Reqs LG3 Eng)
	MX1 --Automatic
	A90 <u>TRUNK OPENER, POWER</u>
	<u>WHEEL TRIM:</u>
<u>531</u>	P01 --Wheel Covers, Full
	PB2 --Wheel Covers, Sport--Silver
	55P --Wheel Covers, Sport--Gold (N/A 15, 21, 22, 29, 44 or 77 Paint)
	N95 --Wheel Covers, Wire
	ZJ7 --Wheels, Rally
	A31 <u>WINDOWS:</u> Power
<u>535</u>	CD4 <u>WINDSHIELD WIPER EQUIPMENT:</u> Intermittent System

MALIBU WAGONS AND MALIBU CLASSIC WAGONS

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Car-mine
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Car-mine

Model Seat Type

1AW35	Sport Cloth Bench	JBB1	JDD1	JCC1	JRR1
	Vinyl Bench	VBB1	VDD1	VCC1	VRR1
	Vinyl 50/50	VBB3			VRR3
1AT35	Vinyl Bench		VDD1	VCC1	VRR1

WITHOUT D84 CUSTOM TWO-TONE PAINT

Exterior Paint Color	Color Code					
	L	U				
Black	19	19	R	A	R	R
Blue, Dark (Met)	29	29	A	R	A	
Blue, Light (Met)	22	22	A	R		
Blue, Light	21	21	A	R		
Camel (Met)	63	63	A		R	
Camel, Dark (Met)	69	69	A		R	
Camel, Light	61	61	R		R	A
Carmine (Met)	77	77	A		A	R
Carmine, Dark (Met)	79	79	A		R	R
Green, Light (Met)	44	44	A		A	
Green, Medium (Met)	45	45	A		A	
Saffron (Met)	67	67	R		A	
Silver	15	15	R	A		R
White	11	11	R	R	R	R

L=Lower U=Upper

WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES) (REFER TO PAGE 10 FOR ACCENT COLORS)

Exterior Paint Color	Color Code					
	L	U				
Blue, Light (Met)	22	22	A	R		
Camel, Light	61	61	A		R	
Carmine, Dark (Met)	79	79	A		R	R
Green, Light (Met)	44	44	A		A	
Silver	15	15	R			R

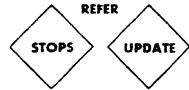
L=Lower U=Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE	OPTION CONDITION	AXLE RATIO	
		2.41	2.73
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION			
L26	MM3 or MX1	-	Std
LG3	MM4	-	Std
	MX1	Std	G92
WITH YF5 CALIFORNIA			
LD5	MX1	-	Std
LG3	MX1	Std	G92
WITH NA6 HIGH ALTITUDE EMISSION			
LM1	MX1	-	Std

MALIBU WAGONS AND MALIBU CLASSIC WAGONS



Model

1AT35	Malibu Station Wagon
1AW35	Malibu Classic Station Wagon

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

- L26 3.3 Litre (200 Cu. In.) V6
- LG3 305 Cu. In. V8 (Reqs N41 Steering) (N/A MM3 Trans)

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

- LM1 350 Cu. In. V8 (Reqs MX1 Trans and N41 Steering)

CALIFORNIA REGISTRATION (REQS YF5)

- LD5 231 Cu. In. V6 (Reqs MX1 Trans)
- LG3 305 Cu. In. V8 (Reqs MX1 Trans and N41 Steering)

QUICK-SPEC

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

✓	✓	✓	✓	✓
5	5	5	5	5
2	2	2	2	2
1	2	3	4	5
C	C	D	D	E

Transmission, Automatic	MX1	X	X	X	X	X
Tires, P195/75 White Stripe	QFZ	X	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X	X
Radio, AM	U63	X	X	X	N/INCL	X
Moldings, Body Side Deluxe	BW2	X	X	X	X	X
Steering, Power	N41	X	X	X	X	X
Carrier, Roof	V55	X	X	X	X	X
<hr/>						
Bumper Rub Strips	VE5	X	X	X	X	X
Mirror, LH Remote	D33	X	N/INCL	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X	X	X
Tailgate Release, Power	AU6	X	X	X	X	X
Steering Wheel, Comfortlit	N33	X	X	X	X	X
Belts, Deluxe	AK1	X	X	X	X	X
Clock, Electric	U35	X	X	X	N/INCL	X
Bumper Guards	V30	X	X	X	X	X
<hr/>						
Air Deflector, Rear Window	C51	X	X	X		
Speaker, Rear Seat	U80	X	X			
Defogger, Rear Window	C49	X	X	X		
Door Lock System, Power	AU3	X	X	X		
Speed Control (w/MX1 Trans only)	K30	X	X	X		
Carpeting, Load Floor	B39	X	X	X		
Lighting, Auxiliary	ZJ9	X	X	X		
Mirrors, Sport LH Remote and RH Manual	D35	X	X	X		
<hr/>						
Wheels, Rally	ZJ7	X	X			
Estate Equipment (1AW35 only) (Deletes BW2 and B93 Moldings)	BX3			X	X	
Radio, AM/FM	U69	X	X			
Windows, Power	A31	X	X			
Security Package	B3L	X	X			
Moldings, Door Edge Guard	B93	X	X			
W/S Wiper Equip., Intermittent	CD4	X	X			
<hr/>						
Gage Package	UF7			X		
Seats, Power	A42			X		
Radio, AM/FM Stereo	U58			X		
Power Antenna	U75			X		
Quiet Sound Group (1AT35 only)	BS1			X		
Moldings, Side Window Reveal (1AT35 only)	B90			X		

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

<u>522</u>	AK1	<u>BELTS, DELUXE:</u> Color-Keyed Seat and Shoulder
<u>✓ 522</u>	VE5	<u>BUMPER EQUIPMENT:</u> Front and Rear --Bumper Rub Strips
<u>522</u>	V30	--Bumper Guards
<u>✓ 521</u>	V55	<u>CARRIER, ROOF</u>
<u>522</u>	U35	<u>CLOCK:</u> Electric (Incl w/UF7 Gages or U14 Instr)
	D24	<u>CONTAINER, LITTER</u>
<u>523</u>	C49	<u>DEFOGGER, REAR WINDOW:</u> Electro-Clear (Inclis K76 Gen w/o C60 Air)
<u>523</u>	AU3	<u>DOOR LOCK SYSTEM, POWER</u>
		<u>EMISSION SYSTEMS:</u> (MUST ORDER ONLY ONE) (See Power Teams Chart)
	YF5	--California Emission Requirements
	NA6	--High Altitude Emission Equipment
	NA2	--Standard Emission Equipment
<u>524</u>	BX3	<u>ESTATE EQUIPMENT:</u> (1AW35 only) (N/A D85 Striping, B93 or BW2 Mids)
		<u>FLOOR COVERING:</u>
<u>523</u>	B39	--Carpeting, Deluxe Load Floor
<u>522</u>	B37	--Mats, Color-Keyed Floor. Front and Rear
<u>525</u>	UF7	<u>GAGE PACKAGE:</u> (N/A U14 Instrumentation) (Inclis U35 Clock)
	K76	<u>GENERATOR:</u> 61-Amp Delcotron (Incl w/C60 Air or C49 Defogger)
<u>521</u>	A01	<u>GLASS, SOFT-RAY TINTED:</u> All Windows
	U05	<u>HORNS, DUAL:</u> (1AT35 only)
	U14	<u>INSTRUMENTATION:</u> (N/A UF7 Gages) (Inclis U35 Clock)
	C95	<u>LIGHT, DOME READING</u>
<u>✓ 523</u>	ZJ9	<u>LIGHTING, AUXILIARY MIRRORS:</u>
<u>522</u>	D33	--Outside Rearview, LH Remote
<u>✓ 523</u>	D35	--Sport, LH Remote and RH Manual
	D68	--Sport, Twin Remote
	D34	--Visor Vanity
	D64	--Visor Vanity, Illuminated
		<u>MOLDINGS:</u>
<u>521</u>	BW2	--Body Side, Deluxe (See Page 10 for Standard Color Application)
<u>✓ 524</u>	B93	--Door Edge Guard
<u>✓ 525</u>	B90	--Side Window Reveal (1AT35 only)
	D84	<u>PAINT, CUSTOM TWO-TONE</u> (N/A BX3 Estate) (Refer Page 8 for exterior paint availability and Page 10 for accent color)
<u>✓ 525</u>	BS1	<u>QUIET SOUND GROUP:</u> (1AT35 only)
	V01	<u>RADIATOR, HEAVY-DUTY</u>
		<u>RADIO EQUIPMENT:</u>
<u>521</u>	U63	--AM Radio
<u>524</u>	U69	--AM/FM Radio
<u>525</u>	U58	--AM/FM Stereo Radio
	UM1	--Stereo Tape System w/AM Radio
	UM2	--Stereo Tape System w/AM/FM Stereo Radio
<u>523</u>	U80	--Speaker, Rear Seat (Reqs U63 or U69 Radio)
	UX6	--Speakers, Dual Front (Reqs U63 or U69 Radio) (Incl w/U58, UM1 or UM2 Radio)
	U76	--Windshield Antenna (Incl w/above Radio Equip w/o U75 Antenna)
<u>525</u>	U75	--Power Antenna (Reqs U63, U69, U58, UM1 or UM2 Radio) (N/A U76 Antenna)
<u>524</u>	B3L	<u>SECURITY PACKAGE:</u> Cargo Area
<u>525</u>	A42	<u>SEAT, POWER:</u> Six-Way (N/A Bucket Seats) (Driver's Side only w/50/50 Seat)
<u>523</u>	K30	<u>SPEED CONTROL:</u> Cruise-Master (Reqs MX1 Trans)
<u>521</u>	N41	<u>STEERING, POWER</u>
<u>522</u>	N33	<u>STEERING WHEEL:</u> Comfortlit
	D85	<u>STRIPING, PIN:</u> Body Side (N/A D84 Paint) (Refer Page 10 for Standard Stripe color application)
<u>522</u>	AU6	<u>TAILGATE WINDOW RELEASE, POWER</u>
		<u>TIRES:</u> (B/W: Blackwall, W/S: White Stripe)
		--Fiberglass Belted Radial Ply (R-14-B)
	OKR	--P195/75 B/W
	QKS	--P195/75 W/S
		--Steel Belted Radial Ply (R-14-B)
<u>521</u>	QFZ	--P195/75 W/S
		<u>TRANSMISSIONS:</u> (See Power Teams Chart)
	MM3	--3-Speed Manual (Reqs L26 Eng) (N/A YF5 Calif or NA6 Altitude)
	MM4	--4-Speed Manual (Reqs LG3 Eng)
<u>521</u>	MX1	--Automatic
		<u>WHEEL TRIM:</u>
<u>524</u>	ZJ7	--Wheels, Rally
	PB2	--Wheel Covers, Sport--Silver
	55P	--Wheel Covers, Sport--Gold (N/A 15, 21, 22, 29, 44 or 77 Paint)
	N95	--Wheel Covers, Wire
<u>524</u>	A31	<u>WINDOWS:</u> Power
<u>✓ 524</u>	CD4	<u>WINDSHIELD WIPER EQUIPMENT:</u> Intermittent System

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

<u>521</u>	C60	<u>AIR CONDITIONING:</u> Four-Season (LD5 or L26 Eng Reqs N41 Steering) (Inclis K76 Gen)
<u>523</u>	C51	<u>AIR DEFLECTOR, REAR WINDOW</u>
		<u>AXLES, REAR:</u>
	G92	--Performance Ratio (See Power Teams Chart) (Reqs LG3 Eng and MX1 Trans)
	G80	--Positraction (Includes Stowaway Spare Tire)
	UA1	<u>BATTERY, HEAVY-DUTY</u>

WITHOUT D84 CUSTOM TWO-TONE PAINT

BODY SIDE MOLDING AND STRIPE CHART

*STANDARD STRIPE REQUIRES D85
 #STANDARD MOLDING COLOR REQUIRES BW2
 OR Z03 LANDAU

WITH VINYL ROOF		Vinyl Roof Color						
		Black	Blue Light (Met)	Camel Light	Carmin Dark (Met)	Green Light (Met)	Silver	White
Exterior Paint Color and Code		BB	CC	CC	RR	GG	OO	WW
Black	19	Molding Black	Blue	Black	?	Green	Black	Black
		Stripe Gold	Blue	Gold	?	Green	Silver	White
Blue, Dark (Met)	29	Molding Black	Blue	?	?	?	?	Black
		Stripe Silver	Blue	?	?	?	?	White
Blue, Light (Met)	22	Molding Black	Blue	?	?	?	?	Blue
		Stripe Black	Blue	?	?	?	?	White
Blue, Light	21	Molding Blue	Blue	?	?	?	?	Blue
		Stripe Black	Blue	?	?	?	?	White
Camel (Met)	63	Molding Camel	?	Camel	?	?	?	Camel
		Stripe Buckskin	?	Gold	?	?	?	White
Camel, Dark (Met)	69	Molding ?	?	Camel	?	?	?	Black
		Stripe ?	?	Gold	?	?	?	White
Camel, Light	61	Molding Black	?	Camel	?	?	?	Camel
		Stripe Gold	?	Buckskin	?	?	?	White
Carmin (Met)	77	Molding Carmin	?	?	Carmin	?	?	Carmin
		Stripe Red	?	?	Red	?	?	White
Carmin, Dark (Met)	79	Molding Carmin	?	?	Carmin	?	?	Carmin
		Stripe Gold	?	?	Gold	?	?	White
Green, Light (Met)	44	Molding Green	?	?	?	Green	?	Green
		Stripe Green	?	?	?	Green	?	White
Green, Medium (Met)	45	Molding Green	?	?	?	Green	?	Green
		Stripe Gold	?	?	?	Green	?	Green
Saffron (Met)	67	Molding Black	?	Black	?	?	?	Black
		Stripe Black	?	Gold	?	?	?	White
Silver	15	Molding Black	?	?	?	?	Black	Black
		Stripe Black	?	?	?	?	Red	White
White	11	Molding Black	Blue	Camel	?	Green	Black	Black
		Stripe Black	Blue	Gold	?	Green	Black	Gold

When ZP2 is specified to override Vinyl Roof and Exterior Color, Standard Stripe Color is Black and Optional BW2 Molding Color is Black on all combinations except 19 when the Molding will be Black and the stripe Gold unless otherwise specified.

WITHOUT VINYL ROOF

Exterior Paint Color	Color Code L U	#Molding BW2	*Stripe D85
Black	19 19	Black	Gold
Blue, Dark (Met)	29 29	Black	Silver
Blue, Light (Met)	22 22	Blue	Blue
Blue, Light	21 21	Blue	Blue
Camel (Met)	63 63	Camel	Buckskin
Camel, Dark (Met)	69 69	Black	Gold
Camel, Light	61 61	Camel	Buckskin
Carmin (Met)	77 77	Carmin	Red
Carmin, Dark (Met)	79 79	Carmin	Gold
Green, Light (Met)	44 44	Green	Green
Green, Medium (Met)	45 45	Green	Gold
Saffron (Met)	67 67	Black	White
Silver	15 15	Black	Red
White	11 11	Black	Gold

L=Lower U=Upper

PLEASE NOTE:

* If the color of stripe, as shown in the above charts, is not desired, order one of the following options instead of D85 Stripe.

11A=White; 13A=Silver; 19A=Black; 27A=Light Blue; 49A=Light Green; 54A=Gold; 75A=Red; 95A=Buckskin

If the color of molding (BW2), as shown in the above charts, is not desired, order one of the following options instead of BW2 Molding.

190=Black; 220=Light Blue; 440=Light Green; 610=Light Camel; 790=Dark Carmin

Optional Stripes and Molding Colors N/A D84 Custom Two-Tone Paint.

WITH D84 CUSTOM TWO-TONE PAINT (MOLDING REQS RPO BW2) (NO SUBSTITUTES ALLOWED)

Exterior Paint Color	Color Code L U V	Molding BW2	Stripe (Included)	Body Side Accent Color
Blue, Light (Met)	22 22 DD	Blue	Blue	Blue, Dark (Met)
Camel, Light	61 61 CC	Camel	Buckskin	Gold (Met)
Carmin, Dark (Met)	79 79 RR	Carmin	Red	Carmin (Met)
Green, Light (Met)	44 44 GG	Green	Green	Green, Medium (Met)
Silver	15 15 OO	Black	Red	Gray, Medium (Met)

L=Lower U=Upper V=Vinyl Roof

MALIBU AND MALIBU CLASSIC COUPES AND SEDANS 1978 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Model Number	Body Code	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price*	Destination Charge & Group Number	Total
◆ 6-Cylinder Engine										
Malibu										
Sport Coupe	1AT27	—	108.1"					4224.22	3_____	_____
Sedan	1AT19	—	108.1"					4309.22	3_____	_____
Malibu Classic										
Sport Coupe	1AW27	—	108.1"					4488.22	3_____	_____
Landau Coupe	1AW27	Z03	108.1"					4716.22	3_____	_____
Sedan	1AW19	—	108.1"					4598.22	3_____	_____

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

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

Interior Trims:

<i>P**1 Knit Cloth Bench Seat</i>						NO ADDITIONAL CHARGE
<i>P**3 Knit Cloth 50 /50</i>						164.00
<i>V**1 Vinyl Bench Seat</i>						24.00
<i>V**2 Vinyl Bucket Seats</i>						110.00
<i>V**3 Vinyl 50 /50</i>						188.00
<i>C**1 Cloth Bench</i>						NO ADDITIONAL CHARGE

Exterior Color:

<i>Paint.</i>						
<i>Solid</i>						NO ADDITIONAL CHARGE
<i>Custom Two-Tone. Includes lower body accent and color-keyed striping</i>						
<i>Without Z03 Landau</i>	D84					110.00
<i>With Z03 Landau</i>	D84					62.00
<i>Roof Cover, Vinyl. Standard on Z03 Landau.</i>						116.00

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

<i>3.3 Litre (200 Cu. In.) V6</i>	L26					NO ADDITIONAL CHARGE
<i>231 Cu. In. V6</i>	LD5					40.00
<i>305 Cu. In. V8</i>	LG3					200.00

Air Conditioning: *Four-Season.* Includes K76 generator and increased cooling

	C60					554.00
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Axles, Rear:

<i>Performance Ratio</i>	G92					15.00
<i>Positraction</i>	G80					59.54

Battery, Heavy-Duty

	UA1					18.00
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Belts, Deluxe: *Color-Keyed Seat and Shoulder.* Includes brushed metal buckles. (Standard belts and plastic buckles are black.) Replacing standard number of belts.

<i>With bench seat—6 seat and 2 front shoulder</i>	AK1					22.00
<i>With bucket seats—5 seat and 2 front shoulder</i>	AK1					20.00

Brakes, Power

	J50					71.00
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Bumper Equipment: Front and Rear.

<i>Bumper Rub Strips. Includes black resilient impact strips</i>	VE5					38.00
<i>Guards, Bumper</i>	V30					42.00

Clock: *Electric.*

	U35					22.00
--	-----	--	--	--	--	-------

Console: Includes shift lever mounted on console with automatic transmission

	D55					80.00
--	-----	--	--	--	--	-------

Container, Litter: *Color-Keyed*

	D24					6.00
--	-----	--	--	--	--	------

Defogger, Rear Window:

<i>Forced Air</i>	C50					53.00
<i>Electro-Clear. Includes K76 generator</i>	C49					95.00

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

‡ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

MALIBU AND MALIBU CLASSIC COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price [◇]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Door Lock System, Power: Electric						
Coupes	AU3					83.00
Sedans	AU3					118.00
Emission Systems:						
<i>California Emission Requirements.</i> Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5					75.00
<i>High Altitude Emission Equipment</i>	NA6					33.00
<i>Standard Emission Equipment</i>	NA2				NO ADDITIONAL CHARGE	
Floor Covering: Mats, Color-Keved Floor 2 front and 2 rear	B37					22.00
Gage Package: Includes clock and voltmeter, temperature and oil pressure gages	UF7					54.00
Generator, 61-Amp Delcotron: Included with C60 air conditioning	K76					31.00
Glass, Soft-Ray Tinted: All Windows	A01					65.00
Horns, Dual: Standard on Malibu Classic and Malibu Classic Landau	U05					7.00
Instrumentation: Includes tachometer, clock and voltmeter, temperature and oil pressure gages	U14					119.00
Light, Dome Reading	C95					16.00
Lighting, Auxiliary: Includes headlight warning buzzer, dome delay switch, courtesy, ashtray, luggage compartment, glove compartment and underhood lights.						
Malibu	ZJ9					48.00
Malibu Classic or Malibu Classic Landau	ZJ9					28.00
Luggage Compartment Trim, Deluxe	B48					41.00
Mirrors:						
<i>Outside Rearview, LH Remote</i>	D33					18.00
<i>Sport, LH Remote and RH Manual</i>	D35					35.00
<i>Sport, Twin Remote</i>	D68					59.00
<i>Visor Vanity</i>	D34					4.00
<i>Visor Vanity, Illuminated</i>	D84					37.00
Moldings:						
<i>Body Side, Deluxe</i>	BW2					53.00
<i>Door Edge Guard</i>						
Coupes	B93					13.00
Sedans	B93					20.00
<i>Side Window Reveal</i>	B90					41.00
<i>Wheel Opening</i>	B96					21.00
Quiet Sound Group	BS1					48.00
Radiator, Heavy-Duty	VO1					31.00
Radio Equipment:						
<i>AM Radio</i>	U63					79.00
<i>AM /FM Radio</i>	U69					149.00
<i>AM /FM Stereo Radio</i>	U58					229.00
<i>Stereo Tape System with AM Radio</i>	UM1					233.00
<i>Stereo Tape System with AM /FM Stereo Radio</i>	UM2					328.00
<i>Speaker, Rear Seat</i>	U80					24.00
<i>Speakers, Dual Front.</i> Included with U58, UM1 or UM2 Radio	UX6					20.00
<i>Windshield Antenna.</i> Included with radio	U76					25.00
<i>Power Antenna</i>	U75					45.00
Seat, Power: Electric, 6-Way Control. Front seat, Driver's side only with 50 /50 Seat	A42					158.00
Sky Roof, Power	CA1					499.00
Speed Control: Cruise-Master	K30					95.00
Steering, Power	N41					155.00
Steering Wheel: Comfortilt	N33					72.00
Striping, Pin: Body Side. Included with Z03 Landau	D85					48.00

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

§ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

MALIBU AND MALIBU CLASSIC COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price [‡]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Suspensions:						
<i>Heavy-Duty Front and Rear.</i> Includes special front and rear springs and matching shock absorbers	F40					20.00
<i>Sport.</i> Includes HD front and rear shock absorbers, higher rated front and rear springs, higher rated rear suspension bushings, larger diameter front stabilizer bar and added rear stabilizer bar.	F41					38.00
Tires:						
<i>P185 /75R-14 /B Fiberglass Belted Radial Ply Blackwall (Standard).</i>	QKP			NO ADDITIONAL CHARGE		
<i>P185 /75R-14 /B Fiberglass Belted Radial Ply White Stripe</i>	QKQ					37.00
<i>P195 /75R-14 /B Steel Belted Radial Ply White Stripe.</i>	QFZ					96.32
<i>P205 /75R-14 /B Steel Belted Radial Ply White Stripe.</i>	QKJ					148.28
<i>P205 /75R-14 /B Steel Belted Radial Ply White Lettered.</i>	QKK					160.28
Transmissions:						
<i>3-Speed Manual.</i>	MM3			NO ADDITIONAL CHARGE		
<i>4-Speed Manual.</i>	MM4					125.00
<i>Automatic.</i>	MX1					318.00
Trunk Opener: Power	A90					21.00
Wheel Trim:						
<i>Wheel Covers, Full.</i>	P01					39.00
<i>Wheel Covers, Sport-Silver: Standard on Z03 Landau</i>						
<i>Malibu Classic.</i>	PB2					51.00
<i>Malibu.</i>	PB2					90.00
<i>Wheel Covers, Sport-Gold</i>						
<i>Without Z03 Landau</i>						
<i>Malibu Classic.</i>	55P					51.00
<i>Malibu.</i>	55P					90.00
<i>With Z03 Landau.</i>	55P			NO ADDITIONAL CHARGE		
<i>Wheel Covers, Wire</i>						
<i>Without Z03 Landau</i>						
<i>Malibu Classic.</i>	N95					111.00
<i>Malibu.</i>	N95					150.00
<i>With Z03 Landau.</i>	N95					60.00
<i>Wheels, Rally.</i> Includes styled wheels, special hub caps and trim rings.						
<i>Without Z03 Landau</i>						
<i>Malibu Classic.</i>	ZJ7					44.00
<i>Malibu.</i>	ZJ7					83.00
<i>With Z03 Landau.</i>	ZJ7			NO ADDITIONAL CHARGE		
Windows, Power: Electric						
<i>Coupes.</i>	A31					128.00
<i>Sedans.</i>	A31					178.00
Windshield Wiper System: Intermittent	CD4					35.00

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

MALIBU AND MALIBU CLASSIC WAGONS 1978 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Model Number	Body Code	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price*	Destination Charge & Group Number	Total
◆ 6-Cylinder Engine										
Malibu										
4-Door Station Wagon—2-Seat	1AT35	—						4549.78	4	_____
Malibu Classic										
4-Door Station Wagon—2-Seat	1AW35	—						4750.78	4	_____

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price [○]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Interior Trim:						
V**1 Vinyl Bench Seat						NO ADDITIONAL CHARGE
J**1 Sport Cloth Bench Seat						24.00
V**3 Vinyl 50/50						164.00
Exterior Color:						
Paint, Solid						NO ADDITIONAL CHARGE
Custom Two-Tone. Includes lower body accent and color-keyed striping.	D84					110.00
Engines: (Refer to Dealer Order Guide for Emission System Requirements)						
3.3 Litre (200 Cu. In.) V6	L26					NO ADDITIONAL CHARGE
231 Cu. In. V6	LD5					40.00
305 Cu. In. V8	LG3					200.00
350 Cu. In. V8	LM1					315.00
Air Conditioning: Four Season. Includes K76 generator and increased cooling	C60					554.00
Air Deflector, Rear Window	C51					28.00
Axles, Rear:						
Performance Ratio	G92					15.00
Positraction	G80					59.54
Battery, Heavy-Duty	UA1					18.00
Belts, Deluxe: Color-Keyed Seat and Shoulder. Includes brushed metal buckles. (Standard belts and plastic buckles are black). Replacing standard number of belts.						
2-Seat Wagon						
With bench seat—6 seat and 2 front shoulder	AK1					22.00
Bumper Equipment: Front and Rear.						
Bumper Rub Strips. Includes black resilient impact strips	VE5					38.00
Guards, Bumper	V30					42.00
Carrier, Roof	V55					85.00
Clock, Electric	U35					22.00
Container, Litter: Color-Keyed	D24					6.00
Defogger, Rear Window: Electro-Clear. Includes K76 Generator						
	C49					95.00
Door Lock System, Power: Electric	AU3					116.00
Emission Systems:						
California Emission Requirements. Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5					75.00
High Altitude Emission Equipment	NA6					33.00
Standard Emission Equipment	NA2					NO ADDITIONAL CHARGE

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
[§] D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
[○] State and local taxes not included.

MALIBU AND MALIBU CLASSIC WAGONS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price [◇]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Estate Equipment	BX3					235.00
Floor Covering:						
<i>Carpeting, Deluxe Load Floor</i>	B39					70.00
<i>Mats, Color-Keyed Floor, 2 front and 2 rear</i>	B37					22.00
Gage Package: Includes clock and voltmeter, temperature and oil pressure gages.	UF7					54.00
Generator, 61-Amp Delcotron: Included with C60 air conditioning or C49 defogger.	K76					31.00
Glass, Soft-Ray Tinted: <i>All Windows</i>	A01					65.00
Horns, Dual: Standard on Malibu Classic.	U05					7.00
Instrumentation: Includes tachometer, clock and voltmeter, temperature and oil pressure gages.	U14					119.00
Light, Dome Reading	C95					16.00
Lighting, Auxiliary: Includes headlight warning buzzer, dome delay switch, ashtray, courtesy, glove compartment, rear compartment light and underhood lights						
Malibu.	ZJ9					52.00
Malibu Classic.	ZJ9					34.00
Mirrors:						
<i>Outside Rearview, LH Remote</i>	D33					16.00
<i>Sport, LH Remote and RH Manual</i>	D35					35.00
<i>Sport, Twin Remote</i>	D68					59.00
<i>Visor Vanity</i>	D34					4.00
<i>Visor Vanity, Illuminated</i>	D64					37.00
Moldings:						
<i>Body Side, Deluxe</i>	BW2					53.00
<i>Door Edge Guard</i>	B93					20.00
<i>Side Window Reveal</i>	B90					41.00
Quiet Sound Group	BS1					46.00
Radiator, Heavy-Duty	V01					31.00
Radio Equipment:						
<i>AM Radio</i>	U63					79.00
<i>AM /FM Radio</i>	U69					149.00
<i>AM /FM Stereo Radio</i>	U58					229.00
<i>Stereo Tape System with AM Radio</i>	UM1					233.00
<i>Stereo Tape System with AM /FM Stereo Radio</i>	UM2					328.00
<i>Speaker, Rear Seat</i>	U80					24.00
<i>Speakers, Dual Front:</i> Included with U58, UM1 or UM2 Radio	UX6					20.00
<i>Windshield Antenna:</i> Included with radio.	U76					25.00
<i>Power Antenna</i>	U75					45.00
Security Package: Cargo Area	B3L					35.00
Seat, Power: <i>Electric, 6-Way Control.</i> Front seat. Driver's side only with 50 /50 seat	A42					156.00
Speed Control: <i>Cruise-Master</i>	K30					95.00
Steering, Power	N41					155.00
Steering Wheel: <i>Comfortilt</i>	N33					72.00
Striping, Pin Body Side	D85					48.00
Tailgate Window Release, Power: <i>Electric</i>	AU6					23.00
Tires:						
<i>P195 /75R-14 /B Fiberglass Belted Radial Ply Blackwall (Standard)</i>	QKR			NO ADDITIONAL CHARGE		
<i>P195 /75R-14 /B Fiberglass Belted Radial Ply White Stripe</i>	QKS					39.00
<i>P195 /75R-14 /B Steel Belted Radial Ply White Stripe</i>	QFZ					77.76
Transmissions:						
<i>3-Speed Manual</i>	MM3			NO ADDITIONAL CHARGE		
<i>4-Speed Manual</i>	MM4					125.00
<i>Automatic</i>	MX1					318.00
Wheel Trim:						
<i>Wheels, Rally:</i> Includes styled wheels, special hub caps and trim rings	ZJ7					44.00
<i>Wheel Covers, Sport-Silver</i>	PB2					51.00
<i>Wheel Covers, Sport-Gold</i>	55P					51.00
<i>Wheel Covers, Wire</i>	N95					111.00

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

§ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

GENERAL

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MODEL IDENTIFICATION

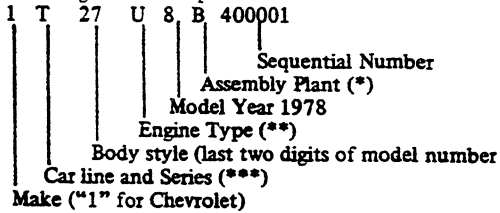
BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS. OR SEATS
A-CAR	MALIBU	4-Dr. Sedan	1AT19	6
		2-Dr. Coupe	1AT27	6
		4-Dr. Station Wagon	1AT35	2-Seat
	MALIBU CLASSIC	4-Dr. Sedan	1AW19	6
		2-Dr. Coupe	1AW27	6
		4-Dr. Station Wagon	1AW35	2-Seat
	EL CAMINO	2-Dr. Sedan Pickup	1AW80	3

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



- | | |
|---------------------|--------------------|
| *B - Baltimore-GMAD | R - Arlington-GMAD |
| D - Doraville-GMAD | Z - Fremont-GMAD |
| K - Leeds-GMAD | (Canadian Pl.) |
| | # - Oshawa |

- **M - V6, 3.3L, 200 Cu.In. (95 H.P.)
 A - V6, 3.8L, 231 Cu.In. (105 H.P.)
 U - V8, 5.0L, 305 Cu.In. (145 H.P.)
 L - V8, 5.7L, 350 Cu.In. (170 H.P.)
 *** - Malibu & Malibu Classic

EXAMPLE: The twenty-fifth Malibu vehicle built at GMAD Baltimore 1AT27 model sport coupe with a V8-305 (145 H.P.) engine would bear VIN Number 1T27U8B400025.

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

TRANSMISSION IDENTIFICATION

Example: S8E01

Type Designation	Source Designation	Model Year 1978	Production ^o Month & Date
RZ	S (Muncie)	8	E01D*
RZ	3-Speed	V-6 engine	S - Muncie
S4	4-Speed	V-8 engine	R - Muncie
3CS	3-Speed Auto.	V-6 engine	B - Parma
SCO		V-8 engine	D - Parma

Location:
 3 & 4-Speed Stamped on, top right hand side of transmission case.
 3-Speed Automatic Stamped on right side of transmission, above filler plug.

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

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

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

ENGINE IDENTIFICATION

Example: F1210CWA

Source Designation	Production* Month & Date	Type Designation
F (Flint)	1210	CWA

3.3, 200 Cubic Inch V6 Base Engine (RPO L26)

- CWA - Regular engine, 3-speed
 CWB - Regular engine, 3-speed automatic

3.8, 231 Cubic Inch V6 (RPO I D5) California Only

- OH - Regular engine, 3-speed automatic

305 Cubic Inch V8, (RPO LG3)

- CRW - Optional engine, 4-speed transmission
 CRU - Optional engine, 3-speed automatic

350 Cubic Inch V-8 (RPO LM1)

- CMD - Optional engine, 4-speed transmission
 CMA - Optional engine, 3-speed automatic

Location:

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

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

REAR AXLE IDENTIFICATION

- 2BH - 2.29 Axle
 2BZ - 2.41 Axle
 2RC - 2.56 Axle
 2AB - 2.73 Axle

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

See Power Train Section for additional information.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT SEDANS, COUPES AND WAGONS

	MALIBU	MALIBU CLASSIC
FRONT		
Radiator Grille – Light Weight Chrome Plated Plastic Grille (C)	X	X
Wide, Bright Upper Grille Molding (Integral with Grille) with Center Bow Tie Emblem and "Chevrolet" Block Lettering at L.H. End (C)	X	X
Headlamps, Single, Rectangular (C)	X	X
Chrome Plated Plastic Headlamp Bezels (C)	X	X
Parking Lamp in Front End Panel – Clear Lens and Amber Bulb (C)	X	X
Bright Windshield Reveal Molding (F)	X	X
Depressed Park Windshield Wipers with Non-articulated Arms (F)	X	X
SIDE		
Painted No. 2 Body Pillar with Bright Center Molding (27 only) (F)	X	
Bright No. 2 Body Pillar Molding (27 only) (F)		X
Bright Moldings Around Side Windows (19-35 only) (F)		X
Bright Rocker Panel Molding (C)		X
Quarter Panel Nameplate (C)	"Malibu"	"Malibu Classic"
Bright Belt Bead Molding (F)	X	X
Bright Outside Rear View Mirror – LH (C)	X	X
Bright Door Handles, Lift Bar Type (F)	X	X
Front Marker Lamp, Trapezoidal Shaped, Amber and Clear Lens, Clear Bulb, Mounted in Fender Extension Portion of Front End Panel (F)	X	X
Rear Marker Lamp, Red Lens, Horizontally Oriented (35 models only)	X	X
Bright Roof Drip Moldings (F)	X	X
Narrow Wheel Opening Moldings (F & C)	X (35)	
Wide Wheel Opening Moldings (F & C)		X
Hub Caps, Aluminum (C)	Malibu X (19-27)	
Wheel Trim Covers (C)	X (35)	X
Rear Door Rear Vent Window Separation Molding Incorporates Bright Finish with Black Edge Accents (35 models only) (F)	X	X
REAR		
"Chevrolet" Block Letter Nameplate at R.H. Lower Corner of Deck Lid (19-27 models only) (F)	X	X
"Chevrolet" Block Letter Nameplate on Tailgate, at Right of License Plate (35 models only) (F)	X	X
Bright Rear Window Reveal Molding (19-27 models) (F)	X	X
Argent Tail Lamp Trim (19-27 models only) (F)	X	
Bright Tail Lamp Trim, Hot Stamped, with Black Accents (F)		X
Triple-Unit Tail Lamps on Body Rear Panel, with Wrap-around Feature to Form Side Marker Lamps (19-27 models) (F)	X	X
Bright Deck Lid and Quarter End Cap Moldings (19-27 models only) (F)		X
Narrow, Bright Tailgate Window Edge Molding (35 models only) (F)	X	X
Black License Plate Pocket with Bright Molding (35 models only) (F)	X	X
Four-Unit Taillamps, Mounted in Bumper (35 models only) (F)	X	X

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

1978



Specifications Form

Passenger Car

Manufacturer Chevrolet Motor Division General Motors Corporation	Car Line Malibu Malibu - Classic - El Camino	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Ave. Warren, Michigan 48090	Model Year 1978	Issued: 10-77 Revised (●) February, 1978

Pages Revised: 2,3A,3B,5,6,6A,8A,9,11,12,16,18,19,27,29, 10, 10A.

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



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NOTES:

1. SI UNITS * ARE USED THROUGHOUT THIS FORM. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE INDICATED.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used through these specifications.
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

* SI is the abbreviation for the International System of Units which is only partially related to the various conventional metric systems. Refer to ANSI Z210.1 (ASTM 380) for proper usage.

**MVMA Specifications Form
Passenger Car**

MALIBU

Car Line MALIBU-CLASSIC-EL CAMINO **METRIC**

Model Year 1978 Issued 10-77 Revised (●) _____

Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load (Pounds)
	<u>Model Number</u>	<u>Front</u>	<u>Rear</u>	
MALIBU				
2-Door Coupe	1AT27	3	3	
4-Door Sedan	1AT19	3	3	
4-Door Station Wagon, 2-Seat	1AT35	3	3	
MALIBU CLASSIC				
2-Door Coupe	1AW27	3	3	
4-Door Sedan	1AW19	3	3	
4-Door Station Wagon, 2-Seat	1AW35	3	3	
EL CAMINO				
2-Door Sedan Pick-up	1AW80	3	--	
<p>NOTE: Any specifications on the following pages that are specific to California requirements are indicated accordingly.</p>				

MVMA Specifications Form

Passenger Car

MALIBU

Car Line **MALIBU-CLASSIC-EL CAMINO**

METRIC

Model Year **1978** Issued **10-77** Revised (●) **2-78**

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.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickups
--------------	---------------	---------------	----------------	---------------

Width

Tread - Front	W101	1486 (58.5 in)			(mm)	
Tread - Rear	W102	1467 (57.8 in)			(mm)	
Vehicle width	W103	1816 (71.5 in)	1809(71.2 in)	1826(71.9 in)	(mm)	
Body width at Sq. RP - front	W117	1774(69.8 in)	1776(69.9 in)	1774(69.8 in)	1776(69.9 in)	(mm)
Vehicle width - front doors open	W120	3376(132.9 in)	4002(157.6in)	3376(132.9in)	4002(157.6in)	(mm)
Vehicle width - rear doors open	W121	3225(127.0in)	--	3225(127.0in)	--	(mm)

Length

Wheelbase	L101	2745(108.1in)		2974 (117.1 in)	(mm)	
Vehicle length	L103	4895(192.7in)	4911 (193.4in)	5121(201.6in)	(mm)	
Overhang - front	L104	915(36.0in)			(mm)	
Overhang - rear	L105	1235(48.6in)	1251(49.2in)	1232(48.5in)	(mm)	
Upper structure length	L123	2603(102.5in)	2544(100.2in)	3261(128.4in)	1500(59.1in)	(mm)
Rear wheel C/L "X" coordinate	L127	2377(93.6in)			(mm)	
Cowl point "X" coordinate	L125	158(6.2in)			(mm)	

Height*

Passenger Distribution (front/rear)	PD1.2.3	2-3		2-0		
Trunk/Cargo load (lbs.)		0				
Vehicle height	H101	1376(54.2in)	1354(53.3in)	1384(54.5in)	1366 (53.8 in)	(mm)
Cowl point to ground	H114	976(38.4in)		977(38.4in)	979(38.6in)	(mm)
Deck point to ground	H138				(mm)	
Rocker panel - front	To ground	222(8.7in)		252(9.9in)	226(8.9in)	(mm)
	From front wheel C/L				(mm)	
Bottom of door closed-front to grd.	H133	269(10.6in)		274(10.8in)	269(10.6in)	(mm)
Rocker panel - rear	To ground	225(8.9in)	224(8.8in)	247 (9.7in)	233(9.2in)	(mm)
	From rear wheel C/L				(mm)	
Bottom of door closed-rear to grd.	H135	271(10.7in)	--	279(11.0in)	--	(mm)
Windshield slope angle	H122	55.5°	59.5°	55.5°	59.5°	(°)

Ground Clearance*

Front bumper to ground	H102	350(13.8in)	352(13.9in)	350(13.8in)	(mm)
Rear bumper to ground	H104	336(13.2in)	346(13.6in)	347(13.7in)	(mm)
Bumper to grd. - front @ curb wt.	H103	373(14.7in)	373(14.7in)	373(14.7in)	(mm)
Bumper to grd. - rear @ curb wt.	H109	378(14.9in)	378(14.9in)	377(14.8in)	(mm)
Angle of approach	H106	20°02'	20°13'	20°06'	(°)
Angle of departure	H107	15°26'	15°30°	15°16'	(°)
Ramp breakover angle	H147	14°24'	14°30'	13°45'	(°)
Rear axle differential to ground	H153	146(5.8in)	186(7.3in)	161(6.3in)	(mm)
Min. running ground clearance	H156	137(5.4in)	145(5.7in)	147(5.8in)	(mm)
Location of min. run. grd. clear.		Rear Shock Absorber Bracket			

*All vehicle height and ground clearances are made at the manufacturer's Design Load Weight, unless otherwise specified.

†Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

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MALIBU
METRIC
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Car And Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	4-Door Sedans		2-Door Coupes	
	1AT19	1AW19	1AT27	1AW27
Front Compartment				
Sq RP - front, "X" coordinate	L31	1088(42.8in) (mm)		
Effective head room	H61	983(38.7in)	977(38.5in)	962(37.9in) 956(37.6in) (mm)
Effective T Point head room	H75	990(39.0)	984(38.7in)	967(38.1in) 961(37.8in) (mm)
Max. eff. leg room - accelerator	L34	1086(42.8in) (mm)		
Sq RP - front to heel	H30	228(9.0in) (mm)		
Design H-point front travel	L17	171(6.7in) (mm)		
Shoulder room	W3	1456(57.3in)	1442(56.8in) (mm)	
Hip room	W5	1326(52.2in)	1314(51.7in) (mm)	
● Upper body opening to ground	H50	1278(50.3in)	1275(50.2in) (mm)	
Steering Wheel Angle	H18	19.5° (°)		
Back Angle	L40	26.5° (°)		

Rear Compartment

Sq RP Point couple distance	L50	827(32.6in)	791(31.1in) (mm)	
Effective head room	H63	957(37.7in)	951(37.4in)	961(37.8in) 955(37.6in) (mm)
Effective T Point head room	H76	963(37.9in)	957(37.7in)	952(37.5in) 946(37.2in) (mm)
Min. effective leg room	L51	965(38.0in)	892(35.1in) (mm)	
Sg RP - second to heel	H31	298(11.7in)	268(10.5in) (mm)	
Knee clearance	L48	44(1.7in)	30(1.2in) (mm)	
Compartment room	L3	705(27.7in)	678(26.5in) (mm)	
Shoulder room	W4	1450(57.1in)	1411(55.6in) (mm)	
Hip room	W6	1412(55.6in)	1384(54.5in) (mm)	
● Upper body opening to ground	H51	1278(50.3in)	-- (mm)	

Luggage Compartment

Usable luggage capacity	V1	469(16.6cu.ft.) (dm³)		
Liftover height	H195	785(30.9) (mm)		
Position of spare tire storage		Sedans & Coupes - Vertical right rear trunk area		
Method of holding lid open		Boxed hinges with torsion rod		

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Car And Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	4-DOOR STATION WAGONS	2-DOOR SEDAN PICK-UP
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Front Compartment

		1AT35	1AW35	1AW80	
Sq RP - front, "X" coordinate	L31	1088(42.8in)			(mm)
● Effective head room	H61	985(38.8in)	979(38.5in)	957(37.7in)	(mm)
● Effective T Point head room	H75	990(39.0in)	984(38.7in)	962(37.9in)	(mm)
Max. eff. leg room - accelerator	L34	1086(42.8in)			(mm)
Sq RP - front to heel	H30	228(9.0in)			(mm)
Design H-point front travel	L17	171(6.7in)			(mm)
Shoulder room	W3	1456(57.3in)		1442(56.8in)	(mm)
Hip room	W5	1326(52.2in)		1314(51.7in)	(mm)
● Upper body opening to ground	H50	1282(50.5in)		1278(50.3in)	(mm)
Steering Wheel Angle	H18	19.5°			(°)
Back Angle	L40	26.5°			(°)

Rear Compartment

Sq RP Point couple distance	L50	791(31.1in)			(mm)
Effective head room	H63	985(38.8in)	979(38.5in)		(mm)
Effective T Point head room	H76	991(39.0in)	985(38.8in)		(mm)
Min. effective leg room	L51	912(35.9in)			(mm)
Sq RP - second to heel	H31	298(11.7in)			(mm)
Knee clearance	L48	12(0.5in)			(mm)
Compartment room	L3	687(27.0in)			(mm)
Shoulder room	W4	1450(57.1in)			(mm)
Hip room	W6	1412(55.6in)			(mm)
● Upper body opening to ground	H51	1290(50.8in)			(mm)

Luggage Compartment

Usable luggage capacity	V1	--		(dm ³)
Liftover height	H195	--	655(25.8 in.)	(mm)
Position of spare tire storage		(A)	(B)	
Method of holding lid open		--	--	

- (A) Station wagons - horizontal, under rear load floor
(B) El Camino - horizontal, behind passenger's seat

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Car And Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	STATION WAGON	
	1AT35	1AW35

Station Wagon — Third Seat

Shoulder Room	W85		(mm)
Hip room	W86	NOT	(mm)
Effective leg room	L86		(mm)
Effective head room	H86	APPLICABLE	(mm)
Effective T Point head room	H89		(mm)
Seat facing direction	SD1		

Station Wagon — Cargo Space

Cargo length - open - front	L200	2639(103.9 in)	(mm)
Cargo length - open - second	L201	1840(72.4 in)	(mm)
Cargo length - closed - front	L202	2064(81.2 in)	(mm)
Cargo length - closed - second	L203	1265(49.8 in)	(mm)
Cargo length at belt - front	L204	1852(72.9 in)	(mm)
Cargo length at belt - second	L205	1023(40.3 in)	(mm)
Cargo width - wheelhouse	W201	1108(43.6 in)	
Rear opening width at floor	W203	1372(54.0 in)	
Opening width at belt	W204	1312(51.6 in)	(mm)
Max. rear opening width above belt	W205	1006(39.6 in)	
Cargo height	H201	763 (30.0 in)	757 (29.8 in)
Rear opening height	H202	706(27.8 in)	
Tail gate to ground height (curb wt.)	H250	620 (24.4 in.)	(mm)
Front seat back to load floor height	H197		
Cargo volume index	V2	2049(72.4 cu. ft.)	2033 (71.8 cu. ft.) (m³)
Hidden cargo volume	V4		

Hatchback — Cargo Space

Front seat back to load floor height	H197		(mm)
Cargo length at front seat	L208	NOT	(mm)
Back Height			
Cargo length at floor - front	L209		
Cargo volume index	V3	APPLICABLE	(dm³)
Hidden cargo volume	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.

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Power Teams (Indicate whether standard or optional)

SAE net power and torque corrected to standard conditions of temperature and barometric pressure as defined in SAE J-245

SERIES # AVAILABILITY	ENGINE (1)						TRANSMISSION #		AXLE RATIO (:1) (Std. first) (Indicate A/C ratio)		
	Displ. (litres)	Carb.	Compr. Ratio	SAE Net @ RPM		Exhaust System*	Type	Model	(A)	(B)	(C)
				Power (kW)	Torque (N·m)						
Base exc. Calif. Sedan and Coupe	3.3 (200 CID) V6 (L26)	2-Bbl	8.2:1	71 (95) @ 3800	217 (160) @ 2000	S	3-spd man-base	3.50 low	2.73	-	-
3-spd auto-opt							Auto 350				
Station Wagon and El Camino							3-spd man-base	3.50 low	2.73	-	-
							3-spd auto-opt	Auto 200	2.73	-	-
Base-Calif. only -Sed. & Coupe	3.8 (231 CID) V6 (LD5)	2-Bbl	8.0:1	78 (105) @ 3400	244 (185) @ 2000	S	3-spd auto-opt	Auto 350	2.73	-	-
Station Wagon and El Camino							Auto 200				
Optional - All States Sedans & Coupes	5.0 (305 CID) V8 (LG3)	2-BBL	8.4:1	108 (145) @ 3800	332 (245) @ 2400	S	3-Spd Auto-Base	Auto 200	2.29	2.73	2.56
Station Wagon & El Camino							Auto 350 +				
							4-Spd (*) Man-Opt	2.85 Low	2.73	-	-
							3-Spd Auto-Base	Auto 350	2.41	2.73	-
							4-Spd (*) Man-Opt	2.85 Low	2.73	-	-
Optional -All States - El Camino	5.7 (350 CID) V8 (LM1)	4-BBL	8.2:1	127 (170) @ 3800	366 (270) @ 2400	S	3-Spd Auto-Base	Auto 350	2.41	2.73	2.73
Optional - Above 1219m(4000 ft.) Except Calif. - Station Wagon							4-Spd (*) Man-Opt	2.85 Low			
							3-Spd Auto-Base	Auto 350	-	-	2.73
# Base and Optional refer to engine and transmission availability. A - Base all states B - Optional all states C - Above 1219M (4000 ft) altitude - All except California. Positraction and Air Conditioning available with all axle ratios (*) Not Available in California + Manufacturing option for non air conditioned vehicles only. (1) California and altitudes above 1219M (4000 Feet)											
ENGINE				H.P.		TORQUE					
5.0 Litre				107(135) @3800		325(240) @ 2000					
5.7 Litre				119(160) @3800		353(260) @ 2400					

*S - Single D - Dual

MVMA Specifications Form Passenger Car

Engine Description/Carb.

3.3 Litre (200 CID) V6/2-BB1 RPO L26	3.8 Litre (231 CID) V6/2-Bb1 RPO LD5
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Engine — General

Type (inline, V, Flat)	90° 'V'	
Total dressed engine wt. dry *	204 kg (450 lb.)	206 kg (454 lb)
No. of cylinders	6	
Bore	88.9 (3.50)	95.6 (3.80)
Stroke	88.4 (3.48)	86.4 (3.40)
Piston Displacement	3.3 (200)	3.8 (231) (litres)
Bore spacing (C/L to C/L)	113.8 (4.48)	107.7 (4.24) (mm)
Cyl. No. system (front to rear)	L Bank	1-3-5
	R Bank	2-4-6
Firing Order	1-6-5-4-3-2	
Cylinder Head Material	Cast Alloy iron	
Cylinder Block Material	Cast Alloy iron	
● Cylinder block deck height	229.1-229.4 (9.019-9.031)	242.8 (9.56)
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle	3°45' (°)	
Recommended fuel leaded, unleaded	Unleaded	
Fuel antiknock index (R+M) 2	91	
Cylinder Head Volume (cm ³)	53.1 (3.24)	48.2 (2.94) (cm ³)
Head Gasket Thickness (Compressed)-CM*RV2 3*EL2)	0.533 (.021) (mm)	
Head Gasket Volume (cm ³)	3.6 (.22)	3.9 (.24) (cm ³)
Deck Clearance (minimum) (above or below block)	0.63 (.025) below	1.91 (.075) below (mm)
Minimum Combustion Chamber Volume (cm ³)	51.6 (3.15)	87.7 (5.35) (cm ³)

Engine — Pistons

Material	Cast Autothermic	Cast Aluminum Alloy	
Description and finish	Sump head; closed skirt	Dished head, full skirt with traverse slot	
Mass (piston only)	0.578 (1.27)	0.506 (1.116) (kg)	
Clearance (limits)	Top land	.05-.09 (.020-.036) (mm)	
	Skirt	Top (a)	.013-.038 (.0005-.0015) (mm)
		Bottom	.030-.081 (.0012-.0032) (mm)
Ring groove diameter	No. 1 ring	79.04-79.30 (3.112-3.122) (mm)	
	No. 2 ring	79.04-79.30 (3.112-3.122) (mm)	
	No. 3 ring	77.98-78.32 (3.070-3.080) (mm)	
		86.26-85.93 (3.396-3.383) (mm)	

(a) Measured 39.6 mm (1.56 in) from top of piston.

*Dressed engine weight includes the following:

Material required to make the engine an independent working power unit less radiator hoses, coolant, accelerator controls or engine mountings.

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Engine Description/Carb.	5.0 Litre (305 CID)V8/2-Bb1 RPO LG3	5.7 Litre (350 CID)V8/4-Bb1 RPO LM1
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Engine — General

Type (inline, V, Flat)	90° 'V'	
Total dressed engine wt. dry *	266.8 kg (588 lb)	(284.6 kg (627 lb))
No. of cylinders	8	
Bore	94.89 (3.736)	101.6 (4.00)
Stroke	88.4 (3.48)	88.4 (3.48)
Piston Displacement	5.0 (305)	5.7 (350) (litres)
Bore spacing (C/L to C/L)	111.8 (4.40) (mm)	
Cyl. No. system (front to rear)	L Bank	1-3-5-7
	R Bank	2-4-6-8
Firing Order	1-8-4-3-6-5-7-2	
Cylinder Head Material	Cast Alloy iron	
Cylinder Block Material	Cast Alloy iron	
Cylinder block deck height	229.4 (9.03)	
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle	3°45' (°)	
Recommended fuel leaded, unleaded	Unleaded	
Fuel antiknock index (R+M)/2	91	
Cylinder Head Volume (cm ³)	60.63 (3.7)	75.38 (4.6)
Head Gasket Thickness (Compressed) CM*RV2 3*EL2)	0.53 (.021) (mm)	
Head Gasket Volume (cm ³)	3.28 (.2)	4.58 (.28) (cm ³)
Deck Clearance (minimum) (above or below block)	0.64 (.025) below (mm)	
Minimum Combustion Chamber Volume (cm ³)	59.52	73.74 (4.5) (cm ³)

Engine — Pistons

Material	Cast Aluminum Alloy		
Description and finish	Sump head; closed, slipper skirt		
Mass (piston only)	0.6 (20.8)	0.6 (21.33) (kg)	
Clearance (limits)	Top land	.622-.851 (.0245-.0335) (mm)	
	Skirt (a)	Top	.043-.107 (.0017-.0042) (mm)
		Bottom	.018-.043 (.0007-.0017) (mm)
Ring groove diameter	No. 1 ring	84.33-84.71 (3.320-3.335) (mm)	
	No. 2 ring	84.33-84.71 (3.320-3.335) (mm)	
	No. 3 ring	83.32-84.20 (3.300-3.315) (mm)	

(a) Measured 39.6 mm (1.56 in) from top of piston.

*Dressed engine weight includes the following:

Material required to make the engine an independent working power unit less radiator hoses, coolant, accelerator controls or engine mountings.

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Malibu

Car Line Malibu-Classic-El Camino **METRIC**
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Engine Displacement

V6-3.3 Litre (200 Cu. in.) 2 ^{1/2} -bb1 RPO L26	V6-3.8 Litre (231 Cu. in.) 2-bb1 RPO LD5-
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Engine - Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
Compres- sion	Description - upper material, coating, etc(A)	Castiron, Radius face, Chrome flash	Cast iron-Molybdenum coated
	lower	Castiron, Reverse twist, tapered face lubrited	Cast iron inside bevel reverse taper face
	Width	(B)	4.27-4.52 (.168-.178) (mm)
	Gap	0.25- .050 (.010-.020)	.33-.58 (.013- .023) (mm)
Oil	Description - material, coating, etc.	Multi-piece, (2) rails and (1) Expander. Rails-steel, chrome plate o.d. - Expander-steel.	SAE 1070 steel
	Width	4.52-4.62 (.178-.182)	3.43-3.61 (.135-.142) (mm)
	Gap	0.25-0.76 (.010-.030)	.38-.89 (.015-.035) (mm)
	Expanders	In oil ring assembly	

Engine - Piston Pins

Material	Chromium steel		Extruded SAE 1018
Length	69.60-70.10 (2.740-2.760)		73.66 (2.90) (mm)
Diameter	23.546-23.553 (.9270-.9273)		23.853-23.860 (.9391-.9394) (mm)
Type	Locked in rod, in piston, floating, etc.	Locked in Rod	
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston	.0038-.0076 (.00015-.00030) (mm)	
	In rod	.019-.032 (.00075-.00125) (mm)	
Direction & amount offset in piston	Major thrust side; 1.40-1.65 (.065-.065)		Right 1.02 (.000) (mm)

Engine - Connecting Rods

Material	1037 or 1038 steel		Pearlitic malleable iron
Mass	.388 (.855)		.657 (1.448) (kg)
Length (center to center)	144.65-144.91 (5.695-5.705)		151.4 (5.96 in.) (mm)
Bearing	Material & Type	Premium Aluminum	
	Overall length	16.97 (.668)	
	Clearance (limits)	0.025-0.063 (.0010-.0025)	
	End Play	0.15-0.38 (.006-.015)	
		Steel backed, Premium Aluminum	
		16.61 (.654) (mm)	
		.01-.07 (.0005-.0026) (mm)	
		.15-.58 (.006-.023) (mm)	

(A) Wear resistant coating.

(B) Upper -1.968-1.981mm (.0775-.0780); Lower -1.956-1.981mm (.0770-.0780)

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Malibu

Car Line Malibu-Classic-El Camino **METRIC**
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Engine Displacement

V8-5 Litre (305 Cu. In.) /2-bb1 RPO LG3	V8-5.7 Litre (350 Cu. In.) /4-bb1 RPO LM1
--	--

Engine - Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
Compression	Description - material, coating, etc.	upper	Cast Alloy iron, Radius face, Chrome plating
		lower	Cast Alloy iron, Reverse twist, tapered face (A)
	Width upper(B)	1.956-1.981 (.0770-.0780)	1.969-1.981 (.0775-.0780) (mm)
	Gap lower(C)	0.25-0.63 (.010-.025)	0.330-0.63 (.013-.025) (mm)
Oil	Description - material, coating, etc.	Multi-piece, (2) rails and (1) spacer expander. Rails-steel, chrome plated OD; expander stainless steel.	
	Width	4.722-4.773 (.1859-.1879)	4.699-4.750 (.1850-.1870) (mm)
	Gap	0.25-0.89 (.010-.035)	0.38-1.40 (.015-.055) (mm)
Expanders	In oil ring assembly		

Engine - Piston Pins

Material	Chromium steel	
Length	75.95-76.45 (2.990-3.010) (mm)	
Diameter	23.546-23.553 (.9270-.9273) (mm)	
Type	Locked in rod, in piston, floating, etc.	
	Locked in rod	
	Bushing	In rod or piston
	Material	None
Clearance	In piston	.0063-.0089 (.00025-.00035) (mm)
	In rod	(mm)
Direction & amount offset in piston	Major thrust side ± 1.52 (.060) (mm)	

Engine - Connecting Rods

Material	Drop forged steel	
Mass	0.4 (13.7) (kg)	
Length (center to center)	144.65-144.91 (5.695-5.705) (mm)	
Bearing	Material & Type	Premium Aluminum
	Overall length	20.24 (.797) (mm)
	Clearance (limits)	0.033-0.089 (.0013-.0035) (mm)
	End Play	0.15-0.41 (.006-.016) (mm)

- (A) Wear resistant coating
- (B) Lower - 1.956 - 1.968mm (.0770-.0775)
- (C) Upper - 0.25 - 0.51mm (.010-.020)

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METRIC

Engine Displacement

V6-3.3 Litre (200 Cu. In.) 2-b RPO L26	V6-3.8 Litre (231 Cu. In.) 2-bb1 RPO LD5
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Engine—Crankshaft

Material		Nodular Cast Iron		
Vibration damper type		Rubber Mounted Inertia		
End thrust taken by bearing (No.)		4	2	
Crankshaft end play		0.05-0.18 (.002-.007)	.08-.23(.003-.009) (mm)	
Main bearing	Material & type	(A)	(C)	
	Clearance	(B)	.010-.040(.0004-.0017) (mm)	
	Journal dia. and bearing overall length	No. 1	62.202x20.37(2.4489x.802)	63.487x21.95(2.4995x.864)(mm)
		No. 2	62.194x20.37(2.4486x.802)	63.487x26.85(2.4995x1.057)(mm)
		No. 3	62.194x20.37(2.4486x.802)	63.487x21.95(2.4995x.864)(mm)
		No. 4	62.255x29.286(2.4510x1.153)	63.487x21.95(2.4995x.864)(mm)
		No. 5	---	---
		No. 6	---	---
		No. 7	---	---
Dir. & amt. cyl. offset	---	---		
No. bolts/main brg. cap	TWO	TWO		
Crankpin journal diameter		53.284-53.335(2.0978-2.0998)	57.12-57.14(2.2487-2.2495)(mm)	

Engine—Camshaft

Location		In block above crankshaft		
Material		Cast Iron Alloy		
Bearings	Material	Steel backed babbitt	Steel backed babbitt	
	Number	Four		
Gear or chain		Chain		
Type of Drive	Crankshaft gear or sprocket material	Steel	Sintered iron	
	Camshaft gear or sprocket material	Cast iron	Aluminum Nylon coated	
	Timing chain	No. of links	46	54
		Width	15.87 (.625)	22.23 (.875) (mm)
Pitch		12.70 (.500)	9.53 (.375) (mm)	

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

(A) #1 upper and lower - G66 Conecc; #2, 3, 4-M400; #5
upper and lower - M100 except lower is M400 with auto. Trans.

(C) #1 upper - M400 Conecc; #1 lower - M100 ; #2 (Thrust) and #4
upper lower - M100; #3 upper and lower - M400.

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Malibu

Car Line Malibu-Classic-El Camino **METRIC**
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Engine Displacement

V8-5 Litre (305 Cu. In.) /2-bb RPO LG3	V8-5.7 Litre (350 Cu. In.) /4-b RPO LM1
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Engine—Crankshaft

Material		Cast Nodular Iron	
Vibration damper type		Rubber Mounted Inertia	
End thrust taken by bearing (No.)		5	
Crankshaft end play		0.05-0.18 (.002-.007) (mm)	
Main bearing	Material & type	Premium Aluminum (A)	
	Clearance	(B) (mm)	
	Journal dia. and bearing overall length	No. 1	62.235x19.10 (2.4502x.752) (mm)
		No. 2	62.235x19.10 (2.4502x.752) (mm)
		No. 3	62.235x19.10 (2.4502x.752) (mm)
		No. 4	62.235x19.10 (2.4502x.752) (mm)
		No. 5	62.250x29.97 (2.4508x1.180) (mm)
		No. 6	--- (mm)
		No. 7	--- (mm)
Dir. & amt. cyl. offset	--- (mm)		
No. bolts/main brg. cap	2		
Crankpin journal diameter		53.31-53.34 (2.099-2.100) (mm)	

Engine—Camshaft

Location		In Block above crankshaft	
Material		Cast Alloy Iron	
Bearings	Material	Steel backed babbitt	
	Number	5	
Gear or chain		Chain	
Type of Drive	Crankshaft gear or sprocket material	Sintered Iron	
	Camshaft gear or sprocket material	Nylon teeth with Aluminum head	
	Timing chain	No. of links	46
		Width	15.87 (.625) (mm)
Pitch		12.7 (.500) (mm)	

- (A) 5.0 litre - #1 upper & lower - G66 cones ; #2,3,4 M400.
 5.7 Litre - #1,2,3,4 - premium aluminum.
 5.0 & 5.7 litre - #5 upper - M100; M400 lower with auto trans.; M100 lower with man. trans.
- (B) #1 - 0.020 - 0.051mm (.0008-.0020)
 #2, 3, 4 - 0.028 - 0.058 mm (.0011 - .0023)
 #5 - 0.043 - 0.084 mm (.0017-.0033)

MVMA Specifications Form

Passenger Car

Car Line Malibu-Classic-El Camino **MEIRIC**
 Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Displacement

V6-3.3 Litre (200 Cu. In.)/2-bb RPO L26	V6-3.8 Litre (231 Cu. In.)/2-bb RPO LD5
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Engine—Valve System

Hydraulic lifters (Std., opt., NA)		Standard			
Valve rotator, type (intake, exhaust)		Exhaust Rotocoil	None		
Push rods (dia., length, material)		7.9x196.2(.3125x7.724)	7.94x220.9(.3125x8.697) (mm)		
Rocker ratio		1.50:1	1.55:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero (mm)			
	Exhaust	Zero (mm)			
Timing (based on top of ramp points)	Intake	Opens (°BTC)	34 (°)		
		Closes (°ABC)	86 (°)		
		Duration	300 (°)		
	Exhaust	Opens (°BBC)	88 (°)		
		Closes (°ATC)	52 (°)		
		Duration	320 (°)		
Valve open overlap		86 (°)	46 (°)		
Intake	Material		SAE 1541-Chromeflash stem	SAE-1041-Chromeflash stem	
	Overall length		125.042-125.651 (4.9229-4.9469)	118.36-119.13(4.660-4.690) (mm)	
	Actual overall head dia.		40.51-41.91 (1.595-1.605)	41.3(1.625) (mm)	
	Angle of seat & face		46 seat 45 Face	45 (°)	
	Seat insert material		None	None	
	Stem diameter		8.661-8.679 (.3410-.3417)	8.641-8.666(.3402-.3412) (mm)	
	Stem to guide clearance		.025-.069 (.0010-.0027)	.038-.089 (.0015-.0035) (mm)	
	Lift (α zero lash)		9.5 (.373)	9.7 (.383) (mm)	
	Outer spring force & length	Valve closed	338.1-373.6 @ 43.2 (76-84 @ 1.70)	262.5-306.9 @ 43.87 (59-69 @ 1.727) (N@mm)	
		Valve open	862.9-916.3 @ 31.7 (194-206 @ 1.25)	702.8-756.2 @ 34.04 (159-169 @ 1.340) (N@mm)	
	Inner spring force & length	Valve closed	Spring Damper	None (N@mm)	
		Valve open	Spring Damper	None (N@mm)	
	Exhaust	Material		Steel #21-2N-Chrome flash stem (b)	Steel 21-2N, Chrome flash stem (a)
		Overall length		124.71-125.22 (4.910-4.930)	118.95-119.71(4.683-4.713) (mm)
Actual overall head dia.		34.92-35.18 (1.375-1.385)	36.20(1.425") (mm)		
Angle of seat & face		46 seat, 45 face	45 (°)		
Seat insert material		None	None		
Stem diameter		8.661-8.679(.3410-.3417)	8.649-8.666(.3405-.3412) (mm)		
Stem to guide clearance		.025-.069(.0010-.0027)	.038-.081 (.0015-.0032) (mm)		
Lift (α zero lash)		10.4(.410)	9.3 (.366) (mm)		
Outer spring force & length		Valve closed	338.1-373.6 @ 43.2 (76-84 @ 1.70)	262.5-306.9 @ 43.87 (59-69 @ 1.727) (N@mm)	
		Valve open	862.9-916.3 @ 31.7 (194-206 @ 1.25)	774.0-845.2 @ 34.04 (174-190 @ 1.340) (N@mm)	
Inner spring force & length	Valve closed	Spring damper	Spring damper (N@mm)		
	Valve open	Spring damper	Spring damper (N@mm)		

(A) Nickel plated face
 (B) Aluminized head

MVMA Specifications Form

Passenger Car

Malibu

Car Line Malibu-Classic-El Camino **METRIC**
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Displacement

V8-5 Litre (305 Cu. In.) /2-bb1 RPO LG3	V8-5.7 Litre (350 Cu. In.) /4-bb1 RPO LM1
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Engine—Valve System

Hydraulic lifters (Std., opt., NA)		Standard		
Valve rotator, type (intake, exhaust)		Exhaust		
Push rods (dia., length, material)		7.937x196.19 (.3125x7.724) welded steel tubing (mm)		
Rocker ratio		1.50:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero (mm)		
	Exhaust	Zero (mm)		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	28 (°)	
		Closes (°ABC)	64 (°)	
		Duration	272 (°)	
	Exhaust	Opens (°BBC)	78 (°)	
		Closes (°ATC)	30 (°)	
		Duration	288 (°)	
	Valve open overlap		58 (°)	
Intake	Material		Alloy steel; 5L - Aluminized face	
	Overall length		124.51-125.02 (4.902-4.922) | 123.70-124.18 (4.870-4.889) (mm)	
	Actual overall head dia.		43.56-43.81 (1.715-1.725) | 49.15-49.28 (1.935-1.945) (mm)	
	Angle of seat & face		46 Seat; 45 Face (°)	
	Seat insert material		None	
	Stem diameter		8.661-8.679 (.3410-.3417) (mm)	
	Stem to guide clearance		0.025-0.069 (.0010-.0027) (mm)	
	Lift (@ zero lash)		9.467(.3727) | 9.906(.3900) (mm)	
	Outer spring force & length	Valve closed	341.088-376.992 @ 43.2 (76-84 @ 1.70) (N@mm)	
		Valve open	773.9-827.3 @ 31.7 (174-186 @ 1.25) (N@mm)	
	Inner spring force & length	Valve closed	Spring Damper (N@mm)	
		Valve open	Spring Damper (N@mm)	
	Exhaust	Material		High Alloy steel, aluminized face
Overall length		124.79-125.30 (4.913-4.933) | 124.71-125.22 (4.910-4.930) (mm)		
Actual overall head dia.		37.97-38.23 (1.495-1.505) (mm)		
Angle of seat & face		46 Seat; 45 Face (°)		
Seat insert material		None		
Stem diameter		8.661-8.679 (.3410-.3417) (mm)		
Stem to guide clearance		0.025-0.069 (.0010-.0027) (mm)		
Lift (@ zero lash)		10.414 (.4100) (mm)		
Outer spring force & length		Valve closed	341.088-376.992 @ 41.0 (76-84 @ 1.61) (N@mm)	
		Valve open	818.4-871.8 @ 29.5 (184-196 @ 1.16) (N@mm)	
Inner spring force & length		Valve closed	Spring Damper (N@mm)	
		Valve open	Spring Damper (N@mm)	

MVMA Specifications Form Passenger Car

Malibu
METRIC

Car Line Malibu-Classic-EI Camino
Model Year _____ Issued _____ Revised (●) 2-78

Engine Description/Carb.

3.3 Litre (200 CID) V6/2-Bb1 RPO L26	3.8 Litre (231 CID) V6/2-Bb1 RPO LD5
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Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Splash and Nozzle	
	Cylinder walls	Splash	
Oil pump type	Gear		
Normal oil pressure	234-269 (34-39) @ 2000	255 (37) @ 2400	(kPa@ engine rpm)
Type oil intake (floating, stationary)	Stationary		
Oil filter system (full flow, part., other)	Full Flow		
Capacity of c/case, less filter-refill	3.8 (4.0)		(litres)
Oil grade recommended (SAE viscosity and temperature range in °C)	(a)		
Engine service reqmt. (SD, SE, etc.)	SE		

Engine — Exhaust system

Type (single, single with cross-over, dual, other)	Single with crossover and single converter		
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow		
Resonator No. & type	None		
Exhaust Pipe	Branch O. D., wall thickness	50.8 x 1.02 (2.0 x .040)	50.8 x 1.80 (2.0 x .071) (mm)
	Main O. D., wall thickness	57.15 x 1.80 (2.25 x 0.71) (mm)	
	Material	Laminated stainless steel tubing	
Intermediate Pipe	O. D. & wall thickness	57.15 x 1.40 (2.25 x .055)	44.50 x 1.40 (1.75 x .055) (mm)
	Material	Aluminized steel tubing	
Tail Pipe	O.D. & wall thickness	50.8 x 1.40 (2.0 x .055)	50.8 x 1.50 (2.0 x .060)
	Material	Aluminized steel tubing	

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

MVMA Specifications Form Passenger Car

Malibu
Car Line Malibu-Classic El Camino
Model Year _____ Issued _____

METRIC
Revised (●) 2-78

Engine Description/Carb.

5.0 Litre (305 CID) V8 2-Bbl RPO LG3	5.7 Litre (350 CID) V8/4-bbl RPO LM1
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Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Centrifugally oiled from camshaft bearing
	Cylinder walls	Pressure jet cross sprayed
Oil pump type	Gear	
Normal oil pressure	310.3 (45) @ 2000	(kPa@ engine rpm)
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part., other)	Full flow	
Capacity of c/case, less filter-refill	3.8 (4.0)	(litres)
Oil grade recommended (SAE viscosity and temperature range in °C)	(a)	
Engine service reqmt. (SD, SE, etc.)	SE	

Engine — Exhaust system

Type (single, single with cross-over, dual, other)	Single with crossover and single converter	
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow	
Resonator No. & type	None	
Exhaust Pipe	Branch O. D., wall thickness	50.8 x 1.02 (2.0 x .040) (mm)
	Main O. D., wall thickness	57.15 x 1.80 (2.25 x .071) | 63.5 x 1.80 (2.50 x .071) (mm)
	Material	Laminated stainless steel tubing
Intermediate Pipe	O. D. & wall thickness	50.80 x 1.40 (2.0 x .055) | (57.15 x 1.40 (2.25 x .055)) (mm)
	Material	Aluminized steel tubing
Tail Pipe	O.D. & wall thickness	57.15 x 1.40 (2.25 x 0.55) | 50.8 x 1.40 (2.0 x .055)
	Material	Aluminized steel tubing

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

MVMA Specifications Form Passenger Car

Malibu **METRIC**
 Car Line Malibu-Classic-El Camino
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Displacement

V6-3.3 Litre RPO L26	V6-3.8 Litre RPO LD5	V8-5 Litre RPO LG3	V8-5.7 Litre RPO LM1
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Engine — Fuel System

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

Induction type: Carburetor, fuel injection, supercharger.		<i>APPROX. 22 GAL</i> Carburetor				
Fuel Tank	Refill capacity	68.5-Sed. & Cpe; 68.9-S.W.; 66.2-El Camino (a)			(litres)	
	Filler location	Rear - Sedans and Coupes; LR quarter panel - S.W. and El Camino				
Fuel Pump	Type (elec. or mech.)	Mechanical				
	Locations	Eng. Comp	Lower right	Lower left	Lower right	
	Pressure range	31.0-41.4	29.3-39.6	51.7-62.1	(kPa)	
Vacuum booster (std., optional, none)		None				
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank and paper				
	Locations	Filter element in carburetor inlet				
Carburetor	Choke type	Electric		Automatic		
	Intake manifold heat control (exhaust or water)	Exhaust				
	Air cleaner type	Standard	Ducted air, closed paper element, single snorkel			
		Optional				
	Idle speed (spec. neutral or drive)	Manual	700/N	800/N	600/N	700/N (rpm)
Automatic		600/D	600/D	500/D	500/D (rpm)	
Idle A/F mix.						

Carburetor Supplementary Information

Model Usage	Piston Displ. (litre)	Transmission	Carburetors		No. Used and Type	Barrel Size (mm)
			Make	Model		
All	3.3	Manual	Rochester	17058131	One; 2-bbl	34.9 (1.375")
		Automatic		17058130		
All	3.8	Automatic	Rochester	(17058448)	One; 2-bbl	36.5 (1.4375)
All	5.0	Manual	Rochester	17058113	One; 2-bbl	42.9 (1.69)
		Automatic		17058108 (17058408)		
and 35 80	5.7	Manual	Rochester	17058203	One; 4-bbl.	35.0 (1.38 pr.) 57.2 (2.25 sec.)
		Automatic		17058202 (17058502)		

Data bracketed () pertains to engine application specific to California.
 (a) 83.3 optional on El Camino.

MVMA Specifications Form Passenger Car

Malibu
Car Line Malibu-Classic-El Camino **METRIC**
Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Description/Carb.

3.3L (200 CID) V6/2-bb1	3.8L (231 CID) V6/2-bb1	5.0L (305 CID) V8/2-bb1	5.7L (350 CID) V8/4-bb1
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Engine — Cooling System

Coolant recovery system (std., opt., none)		Standard			
Radiator cap relief valve pressure		103.4 (15 PSI) (kPa)			
Circulation thermostat	Type (choke, bypass)	Choke			
	Starts to open at	90.6 (195°F) (°C)			
Water pump	Type (centrifugal, other)	Centrifugal			
	litres-s @ 1000 rpm				
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
	Bearing type	Double row ball			
By-pass recirculation type (inter., ext.)		Internal	External	Internal	
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Crossflow, tube & center			
Cooling system capacity	With heater	16.8	14.79	18.13 (litres)	
	Without heater				
	Opt. equipment-specify				
Water jackets full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		Yes			
Radiator hose	Lower	Number and type (molded, straight)	One, molded		
		Inside diameter	38 (1.50 in) (mm)		
	Upper	Number and type (molded, straight)	One, molded		
		Inside diameter	38 (1.50 in) (mm)		
	By-pass	Number and type (molded, straight)	None	One, molded	None
		Inside diameter		15.9 (.625")	(mm)
Radiator	Standard	Width	668 mm (26.3 in)		
		Height	431 mm (16.97 in)		
		Thickness	31.5 mm (1.24 in)		
	A/C	Width	668 mm (26.3 in)		
		Height	431 mm (16.97 in)		
		Thickness	31.5 mm (1.24 in)	49.8 mm (1.96 in)	
	Heavy duty	Width	668 mm (26.3 in)		
		Height	431 mm (16.97 in)		
		Thickness	31.5 mm (1.24 in)	49.8 mm (1.96 in)	
	Fan (Standard)	Number of blades & spacing		4, staggered	
		Diameter		483 mm (19 in)	
		Ratio-fan to crankshaft rev.		.949:1	
Fan cutout type		None			
Fan (Optional)	No. of blades and spacing		5		
	Diameter		508 mm (20 in)*		
	Ratio - fan to crankshaft rev.		.949:1		
	Fan cut-out type		Thermo-modulated viscous clutch		

(*)

19" with L26, LG3 & LM1

MVMA Specifications Form Passenger Car

Malibu

Car Line Malibu-Classic - El Camino

METRIC

Model Year 1978

Issued 10-77

Revised (●) _____

Engine Displacement

All states except Calif. 3.3L, 5L, 5.7L	Above 1219M (4000 Ft.) Altitude and California 3.8L, 5L, 5.7L
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Vehicle Emission Control

Type (Air injection, engine modifications, other)	Engine Modification	Manifold Air Injection	
Air Injection Pump	Type	Semi-Articulated vane	
	Displacement	316.3 (19.3) (cm ³)	
	Drive ratio	1.15:1	
	Drive type	Crankshaft pulley	
	Relief valve (type)	Diverter	
	Filter (describe)	Centrifugal air cleaner	
Air Injection System	Air distribution (head, manifold, etc.)	Exhaust pipe	
	Point of entry	Exhaust pipe	
	Injection tube i.d.	6.9 (0.27) (mm)	
	Check valve type	Pressure plate	
	Backfire protection (type)	Diverter valve	
Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled flow	
	Valve type	Valve modulated shut-off and metering valve	
	Valve location	V6 - left rear; V-8-right rear of inlet manifold	
	Control energy source	Carburetor vacuum	
	Exhaust source	Manifold Exhaust crossover	
	Exhaust cooler type	None	
	Orifice no. and size	One; 0.76 (0.30) (mm)	
Catalytic Converter System	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Catalyst	Type	Platinum-palladium
		Volume	4.3 (260 cu.in.) (litres)
	Substrate type	Alumina	
Container location	Beneath right front underbody		
Other	Carburetor	Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.	
	Hot Air		

Exhaust Emission Control

CONTROLLED
COMBUSTION
SYSTEM

**MVMA Specifications Form
Passenger Car**

Malibu

Car Line Malibu-Classic-El Camino

METRIC

Model Year 1978

Issued 10-77

Revised (●) _____

Engine Displacement

All states except Calif. 3.3L, 5L, 5.7L	Above 1219 m (4000 Ft.) Altitude and California 3.8L, 5L, 5.7L
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Vehicle Emission Control (Continued)

	Type (ventilates to atmos., induction system, other)		Standard		
			Optional		
Crankcase Emission Control				Induction system	

	Control Unit	Make and model			AC Spark Plug
		Location			V6-intake manifold, rear; V8-LF valve rocker cover
		Energy source (manifold vacuum, carburetor, other)			Manifold vacuum
		Control method (variable orifice, fixed orifice, other)			Variable orifice
	Complete System	Discharges (to intake manifold, other)			Intake manifold
		Air inlet (breather cap, other)			Carburetor air cleaner
		Flame arrestor (screen, other)			Screen
	Evaporative Emission Control	Fuel Tank	Thermal expansion volume		Approx. 10% of refill capacity (dm ³)
Relief pressure and location			7.6 (1.1) (kPa)		
Vacuum relief and location			4.8 (0.7) (kPa)		
Vapor-liquid separator type			Integral with fuel tank		
Vapor vented to (crankcase, canister, other)			Canister		
Carburetor		Vapor vented to (crankcase, canister, other)		Canister	
Vapor Storage		Storage provision (crankcase, canister, other)		Canister	
		Volume or capacity		Approx. 50 grams storage capacity (dm ³) (g)	
		Control valve type		Controlled by orifices and carburetor throttle body and throttle blade position.	

MVMA Specifications Form Passenger Car

Malibu
Car Line Malibu-Classic-EI Camino **METRIC**
Model Year 1978 Issued 10-77 Revised (●) _____

Engine Description/Carb.

3.3L (200 CID) V6-RPO L26	3.8L (231 CID) V6-RPO LD5	5.0L (305 CID) V8 -RPO LG3	5.7L (350 CID) V8-RPO LM1
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Electrical — Supply System

Battery	Make and Model		Delco 85-5 "Freedom"		
	Voltage Rtg. & Total Plates		12V, 3200 Watts (V)		
	SAE Designation No. and/or capacity		80 minute reserve capacity		
	Location		Engine compartment, right front		
Generator or Alternator	Make		Delco Remy		
	Model		1102394	1102841	1102394
	Type and rating		37	42	37 (A)
	Output at engine idle (neutral)		12-20 (A)		
	Ratio—Gen. to Cr/s rev.		2.73:1	2.36:1	2.73:1
Regulator	Make		Delco Remy		
	Model		- - - -		
	Type		Micro circuit unit; integral with alternator		
	Regulated	Voltage		13.8 - 14.8 (V)	
		Current		- - - - (A)	
	Voltage test conditions	Temperature		Operating (°C)	
		Load		3-8 (A)	
Other		None			

Electrical — Starting System

Starting Motor	Make		Delco Remy				
	Model		1109524	1108797	1109524	1109052	
Motor Drive	Engagement type		Positive shift solenoid				
	Pinion engages from (front, rear)		Rear	Front	Rear		
	Number of teeth	Pinion		9			
		Flywheel	Manual	153	160	168	
			Auto.	153	160	168	

MVMA Specifications Form Passenger Car

Malibu
Car Line Malibu-Classic-El Camino **METRIC**
Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine
Description/Carb.

3.3L V6/2-bb1 RPO L26	3.8L V6/2-bb1 RPO LD5	5.0L V8/2-bb1 RPO LG3	5.7L V8/4-bb1 RPO LM1
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Electrical — Ignition System — Distributor

Distributor	Manual	1110696	- - -	1103281	1103337
	Automatic	1110696	(1110731)	1103282	1103337 (1103285)
Timing	Manual	8°	- - -	4°	6° (°)
	Automatic	8°	(15°)	4° (6°)	6° (8°) (°)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at kPa	
	Start	Intermediate	Maximum	Start	Maximum
1110696	0@1000	10@1700	20@2800	0@10.1	16@21.9
1110731	0@1680		15@3600	0@16.7	16@28.0
1103281	0@1000	10@1700	20@3800	0@13.5	18@40.5
1103282	0@1000	10@1700	20@3800	0@13.5	20@33.8
1103337	0@1100	12@1600	22@4600	0@13.5	24@33.8
1103285	0@1200	12@2000	22@4200	0@13.5	10@27.9

Data in brackets () are specific to the State of California.

MVMA Specifications Form Passenger Car

Car Line MALIBU-MALIBU CLASSIC-EL **METRIC**
 Model Year 1978 Issued CAMINO Revised (●) _____
 10-77

Engine Description/Carb.

3.3L (200 CID) V6 RPO L26	3.8L (231 CID) V6 RPO LD5	5.0L (305 CID) V8 RPO LG3	5.7L (350 CID) V8 RPO LM1
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Electrical—Ignition System

Type	Conventional - Std., Opt., N.A.	- - -		
	Transistorized - Std., Opt., N.A.	- - -		
	Other (specify)	High Energy Ignition System (H.E.I.)		
Coil	Make	Delco Remy		
	Model	Integral with distributor cap		
	Current	Engine stopped	- - -	(A)
		Engine idling	- - -	(A)
Spark Plug	Make	A.C. Spark Plug		
	Model	R45TS	R46TSX	R45TS
	Thread	14 (mm)		
	Tightening torque	9-20	33.9 (N•m)	
	Gap	1.14 (.045)	1.52 (.060)	1.14 (.045) (mm)

Electrical—Suppression

Locations & type	Non metallic high tension ignition cables.
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Electrical—Instruments and Equipment

Speed-ometer	Type	In-Line with pointer 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 in.) (mm)
	Swept area	Coupes & El Camino 6000 (930.3in ²) Sedans & Wagons 5931 (919.5in ²) (cm ²)
Windshield Washer	Type - standard	Push Button
	Type - optional	Not available
	Fluid level indicator	Not available
Horn	Type	Vibrator
	Number used	Dual-1AW00 models; one (low note) on 1AT00 models
	Current draw (A) per horn	4.5 - 6.5 @ 12.5 (A)
Other	Restraint system warning light and buzzer. Parking brake and brake failure warning light. Tachometer, voltmeter, oil pressure and coolant temperature gauges in optional package.	

MVMA Specifications Form Passenger Car

MALIBU EL
Car Line **MALIBU-CLASSIC-CAMINO**
Model Year **1978** Issued **10-77**

METRIC
Revised (●) **2/78**

Engine Description/Carb.

3.3L (200 CID) V6 RPO L26	3.8L (231 CID) V6 RPO LD5	5.0L (305 CID) V8 RPO LG3	5.7L (350 CID) V8 RPO LM1
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Drive Units—Clutch (Manual Transmission)

Make & type	Chevrolet; single dry disc	Chevrolet; single dry disc, centrifugal	
Type pressure plate springs	Diaphragm	Diaphragm, bent finger design	
Total spring force	9341-10230	9341-10230 (2100-2300) (N)	
No. of clutch driven discs	One	One	
● Clutch facing	Material	Woven type asbest.	Woven type asbestos
	Manufacturer	Chevrolet	Chevrolet
	Part Number	3927129	NOT 3927129
	Rivets/Plate	40	40
	Rivet size	.467 x .528	.467 x .528 (.184 x .208) (mm)
	Outside & inside dia.	264.2 x 165.1	264.2 x 165.1 (10.34 x 6.50) (mm)
	Total eff. area	655.2	655.2 (101.58) (cm ²)
	Thickness	3.43 (.135)	3.43 (.135) (mm)
Engagement cushioning method	SAME	Flat spring steel between facings	
	AS	Single row ball, packed and sealed	
Release bearing	AS	Single row ball, packed and sealed	
Torsional damping	Methods: springs, friction material 5.0 & 5.7L	Coil springs	

Drive Units—Transmissions

Manual 3-speed (std., opt., N.A.)	Standard	N.A.	N.A.	N.A.
Manual 4-speed (std., opt., N.A.)	N.A.	N.A.	Optional	Optional
Manual 5-speed (std., opt., N.A.)	N.A.	N.A.	N.A.	N.A.
Manual overdrive (std., opt., N.A.)	N.A.	N.A.	N.A.	N.A.
Automatic (std., opt., N.A.)	Optional	Optional	Standard	Standard

Drive Units — Manual Trans.

Number of forward speeds	Three	Four	
● Transmission ratios	In first	3.50	NOT 2.85
	In second	1.89	2.02
	In third	1.00	1.35
	In fourth	--	APPLICABLE 1.00
	In fifth	--	--
	In reverse	3.62	2.85
Synchronous meshing, specify gears	All forward	All forward	
Shift lever location	Floor	Floor	
Lubricant	Capacity (pt.)	1.42 (3.0) (litres)	
	Type recommended	GL-5 Gear Lubricant	
	SAE viscosity number	Summer	80W or 80W-90
		Winter	80W or 80W-90
	Extreme cold	80W or 80W-90	

MVMA Specifications Form Passenger Car

Engine Displacement

V6-3.3 Litre RPO L26	V6-3.8 Litre RPO LD5	V8-5 Litre RPO LG3	V8-5.7 Litre RPO LM1
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Drive Units—Automatic Transmission (SEE "POWER TEAMS" FOR TRANSMISSION USAGE)

Trade name		3-Speed Automatic			
Type (describe)		Torque Converter with Planetary, gears Auto 200 | Auto 350			
Selector location		Lever - Steering column - Floor Mounted with optional console & bucket seats			
Gear Ratios	P	Park			
	R	2.07			1.93
	N	Neutral			
	D	2.74-1.57-1.00			2.52-1.52-1.00
	L2	2.74-1.57			2.52-1.52
	L1	2.74			2.52
Max. upshift speed - drive range		92-114	111-134	117-145 (a)	101-125 (km/h)
Max. kickdown speed - drive range		87-109	106-129	113-148 (a)	96-121 (km/h)
Torque Converter	Number of elements	3			
	Max. ratio at stall	2.35		2.00	
	Type of cooling (air, liquid)	Liquid			
	Nominal diameter	298.4 (11.75) (mm)			
Lubricant	Capacity - refill	3.8 (4.0)		3.8 (4.0) (litres)	
	Type recommended	Dexron II			
Special transmission features					

Drive Units—Axle

Type (front, rear)		Rear				
Description		Semi-Floating forged hardened steel axle shafts, overhung drive pinion and ring gear				
Limited Slip differential, type		Disc Clutch				
Drive Pinion Offset		38.1 (1.50) Vertical			(mm)	
No. of differential pinions		Two				
Pinion adjustment (shim, other)		Shim				
Pinion bearing adj (shim, other)		Collapsible Sleeve				
Wheel bearing type		Direct or single row cylindrical roller				
Lubricant	Capacity	1.54 (3.25 pints)			(litres)	
	Type recommended	SAE GL-5				
	SAE viscosity number	Summer	80W-90			
		Winter	80W-90			
		Extreme cold	80W-90			

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

Axle ratio		2.29	2.41	2.56	2.73
No. of teeth	Pinion	17	17	16	15
	Ring gear	39	41	41	41
Ring Gear O. D.		190.5	(7.50)		

(a) Sedan & Coupe - Station Wagon - 116-142 (Km/h) (upshift) and 109-135 (Km/h) (kickdown)

MVMA Specifications Form Passenger Car

MALIBU EL
Car Line **MALIBU-CLASSIC-CAMINO**
Model Year **1978** Issued **10-77** Revised (●)

METRIC

Engine Description/Carb.

3.3L (200 CID) V6/2-bb1.	3.8L (231 CID) V6/2-bb1.	5.0L (305 CID) V8/2-bb1.	5.7L (350 CID) V8/4-bb1.
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Drive Units—Propeller Shaft

Number used		One
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube
Outer diam. x length* x wall thickness	Manual 3-speed trans.	Models 1AA19,27,35=63.5 (2.5) x 1331.5 (52.4) x 1.65 (.065) (mm) Model 1AA80 = 82.6 (3.25) x 1560.1 (61.4) x 1.65 (.065)
	Manual 4-speed trans.	1AA19,27,35 - Same as Manual 3-speed trans. (mm) 1AA80
	Manual 5-speed trans.	NOT APPLICABLE
	Overdrive	NOT APPLICABLE
	Automatic transmission	1AA19,27,35 - Same as Manual 3-speed trans. (mm) 1AA80
Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	- - -
Slip Yoke	Type	Yoke
	Number of teeth	27
	Spline O. D.	(mm)
Universal joints	Make and Mfg. No.	Saginaw 44
	Number used	Two
	Type (ball and trunnion, cross)	Single Cardan
	Rear attach. (u-bolt, clamp, etc.)	Strap & Bolt
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control Arm
Torque taken through (torque tube or arms, springs)		Control Arm

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

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MALIBU
METRIC

Car Line Malibu-Classic-El Camino
Model Year 1978 Issued 10-77 Revised (●)

Body Type And/Or Engine Displacement, Etc.

SEDANS & COUPES	STATION WAGONS	EL CAMINO
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Drive Units — Tires And Wheels (Standard)*

TIRES	Size, load range, ply	P185/75R-14	P195/75R-14	P205/75R-14	
	Type (bias, radial, etc.)	Glass Belted Radial		Steel Belted Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front	24	26	29 (kPa)
		Rear	24	32	32 (kPa)
	Rev./km@ 70 km/h	520@72 (837@45)	505@72 (813@45)	495@72 (797@45)	
WHEELS	Type & material	Short Spoke Disc Steel			
	Rim (size & flange type)	14 x 6JJ			
	Wheel offset	"0"			
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	4.75		
		Number & size	5-7/16-20 UNF 2B		
Spare wheel (same or other)	15X4 (25mm Offset) with Compact Spare		Same		

Drive Units — Tires And Wheels (Optional)*

Size, load range, ply	P195/75R-14
Type (bias, radial, etc.)	Steel Belted Radial
Wheel type & material	Rally Type Steel
Rim (size, flange type, and offset)	14 x 6JJ "0"
Size, load range, ply	P205/75R-14
Type (bias, radial, etc.)	Steel Belted Radials
Wheel type & material	
Rim (size, flange type, and offset)	
Size, load range, ply	
Type (bias, radial, etc.)	
Wheel type & material	
Rim (size, flange type, and offset)	
Size, load range, ply	TIRE SIDEWALL AVAILABILITY:
Type (bias, radial, etc.)	Blackwall - Standard All
Wheel type & material	White Stripe - Optional, Glass Belted Radials.
Rim (size, flange type, and offset)	White Stripe (Wide) - Optional, Steel Belt Radials
Size, load range, ply	White Lettered - Optional, P205/75R on El Camino, also
Type (bias, radial, etc.)	Sedans and Coupes with RPO F41 Sport Suspension
Wheel type & material	SPARE TIRE - Compact T125/70D15, Base with all except El Camino
Rim (size, flange type, and offset)	Ground Tire Base with El Camino

Brakes — Parking

**Stowaway spare tire required with positration axle -
except on El Camino**

Type of control	Foot Pedal Apply; "T" Handle release	
Location of control	Left of steering column under instrument panel	
Operates on	Rear Service Brakes	
If separate from service brakes	Type (internal or external)	-----
	Drum diameter	----- (mm)
	Lining size (length x width x thickness)	----- (mm)

Radial Spare Not Available with Glass Belt or Blackwall Tires.

* Use current tire and wheel size codes.

MVMA Specifications Form Passenger Car

Car Line Malibu ^{Malibu} ~~Classic~~ - El Camino **METRIC**
 Model Year 1978 Issued 10-77 Revised (●) _____

Body Type And/Or Engine Displacement

V6 Engine - Non Air Conditioning	V8 Engine and V6 W/Air Conditioning
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Brakes — Service

Brake Type (std., opt., N.A.)	Drum	Front	N.A.			
		Rear	Standard			
	Disc	Front	Standard			
		Rear	N.A.			
Self adjusting (std., opt., N.A.)			Standard			
Special Valving	Type (proportion, delay, metering, other)					
Power Brake (std., opt., N.A.)			Optional (Std. on TAT/AW35)	Required Option		
Booster Type (remote, integral, etc.)			Integral			
Effective area *			615.47 (95.42 in ²)	(cm ²)		
Gross lining area **				(cm ²)		
Swept area ***			1985.09 (307.77 in ²)	(cm ²)		
Drum	Diameter (nominal)	Front	-- (mm)			
		Rear	241.0	(mm)		
	Type and material		Aluminum-finned (A) Castiron-finned (B)			
Rotor	Outer working diameter		266.7 (10.3 in)	(mm)		
	Inner working diameter		171.5 (6.75 in)	(mm)		
	Thickness		26.2 (1.03 in)	(mm)		
	Material & type (vented/solid)		Cast iron Vented			
Wheel cylinder bore	Front		63.5 (2.5 in)	(mm)		
	Rear		19.05 (0.75 in)	(mm)		
Master Cylinder	Bore		22(0.87 in)	24(0.94 in) (mm)		
	Stroke		34.47(1.36in)	33.33(1.31 in) (mm)		
Pedal arc ratio			6.29:1 manual; 3.5:1 power			
Line pressure at 445 N pedal force						
Shoe Clearance	Front		Self Adjusting (mm)			
	Rear		Self Adjusting (mm)			
Anti-skid device type (std., opt., N.A.)			N.A.			
Brake lining	Bonded or riveted, rivets/seg.		Riveted			
	Rivet size		Front-5.33x7.92 (.210x.312); Rear-3.6x6.35(.143x.250) (mm)			
	Manufacturer					
	Part number					
	Front Wheel	Material				
		Size (length x width x thickness)	Prim. or out-board	125.0x48.44x11.04	(4.92x1.91x.435 in) (mm)	
			Second. or in-board	125.0x48.44x11.04	(4.92x1.91x.435) (mm)	
		Segments per shoe		One		
		Shoe thickness		Inboard-15.84(.620);	Outboard-13.97(.550") (mm)	
		Rear Wheel	Material			
	Size (length x width x thickness)		Prim. or out-board	192.49x51.0x4.98(7.58x2.0x0.196 in)	(mm)	
			Second. or in-board	249.61x51.0x6.75(9.83x2.0x0.266 in)	(mm)	
	Segments per shoe		One			
	Shoe thickness		9.65(0.38) (mm)			

* 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.)

a) V8 engine equipped sedans and coupes and V6 wagons and pickups

b) Remainder of vehicles

MVMA Specifications Form Passenger Car

MALIBU EL
Car Line MALIBU-CLASSIC-CAMINO
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Revised (●)

V-6 Engines w/o Air Conditioning	V-6 Engines Coupes & Sedans w/A.C.	V8 Engines Sedans & Coupes	Station Wagon and El Camino w/AC
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Steering

Manual (std., opt., NA)		Standard	- - - - -		
Power (std., opt., NA)		Optional	Optional (Required)		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt - Universally jointed steering shaft at base of steering wheel - 5" vertical travel range; 6 positions			
	(std., opt., NA)	Optional			
Wheel diameter	Manual	387.0 (15.0 in)		(mm)	
	Power	387.0 (15.0 in)		(mm)	
Turning diameter	Outside front	Wall to wall (l. & r.)	12.21 (40.05) (a)	13.0 (42.66) (b)	
		Curb to curb (l. & r.)	11.33 (37.19) (a)	12.2 (39.89) (b)	
	Inside rear	Wall to wall (l. & r.)			(m)
		Curb to curb (l. & r.)			(m)
Manual	Gear	Type	Semi - Reversible, recirculating ball stud		
		Make	Saginaw Steering Gear		
	Ratios	Gear	24.0:1		
		Overall	28.1:1		
	No. wheel turns (stop to stop)	5.3			
Type (coaxial, linkage, etc.)	Integral gear with power piston and vane type pump.				
Power	Gear	Type	Saginaw Steering Gear		
		Make	Semi - Reversible, recirculating ball nut		
	Ratios	Gear	15/13:1	15:1	
		Overall	16.5/14.3:1	16.5:1 | 17.6:1	
	Pump driven by	Crankshaft Pulley			
No. wheel turns (stop to stop)	3.2	3.3			
Linkage	Type	Parallelogram			
	Location (front or rear of wheels, other)	Front			
	Drag link (trans. or longit.)	None			
	Tie rods (one or two)	Two			
Steering Axis	Inclination at camber	7.86°		(°)	
	Bearings (type)	Upper	Ball Stud		
		Lower	Ball Stud		
		Thrust	None		
Whl. Align. (range at curb mass & preferred)	Caster	Manual - +1.0 ± 1.0; Power - + 3.0 ± 1.0		(°)	
	Camber	+0.50 ± 0.80		(°)	
	Toe-in (outside track)	+0.12 ± 0.12		(mm)	
Steering spindle & joint type		Forging with pad for mounting brake cylinder spherical			
Wheel Spindle	Diameter	Inner bearing	31.7474-31.7271 (1.25)		(mm)
		Outer bearing	19.0475-19.0271 (0.75)		(mm)
	Thread size *	3/4 - 20 UNEF 3A (modified)			
	Bearing type	Tapered Roller			
Wheel Align. @ curb wt.	Service checking	Caster (deg.)	Man. stg. - 0° to +2° ; Pow. stg. - +2° to +4°		
		Camber (deg.)	-0.3° to +1.3°		
		Toe-in (outside)	+ .05 to + .25		
	Service reset	Caster	Man. stg. - +1° ± 0.5° ; Pow. stg. - +3° ± 0.5°		
		Camber	+0.5 ± 0.5°		
		Toe-in	+ .15 ± .05°		
	Periodic M.V. inspection	Caster	Man. stg. - -1° to +3° ; Pow. stg. - +1° to +5°		
		Camber	-1.0° to +2.0°		
		Toe-in	-.15 to +.55°		

* indicate inch or metric.

(a) Also station wagon
(b) El Camino only

MVMA Specifications Form Passenger Car

MALIBU

Car Line Malibu-Classic-El Camino **METRIC**
 Model Year 1978 Issued 10-77 Revised (●) _____

Body Type And/Or Engine Displacement

SEDANS & COUPES	STATION WAGON & EL CAMINO
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Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	Front Stabilizer Bar	
Provision for brake dip control	Front Suspension Geometry	
Provision for acc. squat control	Rear Suspension Geometry	
Special provisions for car jacking	Position jack in bumper slot on lower face of front and rear bumpers	
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco
	Piston dia.	25 (1.0) (mm)
Other special features	Superlift rear shock absorbers standard on El Camino	

Suspension — Front

Type and description	Independent - SLA with coil springs			
Travel	Full Jounce	90 (3.54)	(mm)	
	Full Rebound	92 (3.62)	(mm)	
Spring	Type (coil, leaf, other)	Coil		
	Material	Steel Alloy		
	Size (coil design height & I.D., bar length x dia.)	260 x 102.9 x 2953 x 15.6 (10.2x4.05x116.3x0.61) (b)	260 x 102.9 x 2548 x 15.6 (10.2x4.05x100.3x0.61) (b)	(mm)
	Spring rate	52.5 (300)	64 (365)	(kN/m)
	Rate at wheel	15.63 (89)	18.63 (106)	(kN/m)
Stabilizer	Type (link, linkless, frameless)	Link		
	Material & bar diameter	Steel; 25 (1.0) W/V-6 27 (1.06) W/V-8	29.0 (1.14) (mm)	

Suspension — Rear

Type and description	SALISBURY, 4 LINK TYPE WITH COIL SPRING			
Drive and torque taken through	Control Arms			
Travel	Full Jounce	107 (4.21)	(mm)	
	Full Rebound	113 (4.45)	(mm)	
Spring	Type (coil, leaf, other)	Coil		
	Material	Steel Alloy		
	Size (length x width, coil design height & I.D., bar length & dia.)	254 x 139.7 x 2428 x 12.8 (10x5.5x95.6x0.504) (b)	254 x 139.7 x 2535 x 14.17 (10x5.5x99.8x0.558) (b)	(mm)
	Spring rate	17.5 (100)	24.5 (140)	(kN/m)
	Rate at wheel	17.93 (102)	23.4 (133.6)	(kN/m)
	Mounting insulation type	Rubber isolators between frame and spring seat		
Stabilizer	Type (link, linkless, frameless)	Link, Optional with RPO F41 "Sport Suspension" (a)		
	Material & bar diameter	Steel - 22 (.87) (mm)		
Track bar type	-----			

- (a) All models except station wagons and El Camino.
 (b) For base equipped model. Springs for all models are computer selected by size and rate according to vehicle weight including optional equipment

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Malibu
Car Line Malibu-Classic-El Camino
Model Year 1978 Issued 10-77

METRIC
Revised (e)

Body Type

4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup
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Frame

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

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)	Acrylic Lacquer			
Hood counterbalanced (yes, no)	Yes			
Hood release control (internal, external)	Internal			
Vehicle Ident. No. location	Top Left of instrument panel pad			
Theft protection - type	Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition.			
Vent window control method (crank, friction pivot, power)	Front	None		
	Rear	Pivot type for sedans and wagons - 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	--		
Windshield glass type	Curved - Laminated plate			
Side glass type	Curved - Laminated plate			
Backlight glass type	Curved - Tempered plate			
Windshield glass exposed surface area	7433 (1152 in. ²)	8082 (1253 in. ²)	7433 (1152 in. ²)	8082 (1253 in. ²)
Side glass exposed surface area	11823 (1833 in. ²)	11467 (1778 in. ²)	16508 (2559 in. ²)	6578 (1020 in. ²)
Backlight glass exposed surface area	6776 (1051 in. ²)	6998 (1085 in. ²)	6167 (956 in. ²)	3314 (514 in. ²)
Total glass exposed surface area	26032 (4036 in. ²)	26547(4116 in. ²)	30108 (4667 in. ²)	17974 (2787 in. ²)

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MALIBU EL
Car Line **MALIBU-CLASSIC-CAMINO**
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Revised (●) _____

Body Type

4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup
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Convenience Equipment

Power windows	Side windows	Optional
	Vent windows	Rear Vent Windows for Sedans and Wagons - Optional
	Backlight or tailgate	Optional
Power seats (specify type as well as availability)	Optional - 6-way power bench seat, all models. -6-way 50/50 power bench seat, power for driver's seat only 1AW19,27,35,80	
Reclining front seat back (R-L or both)	N.A.	
Radios (specify type as well as availability)	Optional - AM Push-button, AM/FM Push-button, AM/FM Stereo, AM Stereo w/tape, AM/FM Stereo w/tape.	
Rear seat speaker	Optional (a)	
Power antenna	Optional	
Clock	Optional	
Air conditioner (specify type and availability)	Optional - "Four Season" manual control.	
Speed warning device	N.A.	
Speed control device	Optional with Automatic Transmission	
Ignition lock lamp	N.A.	
Dome lamp	Standard	
Glove compartment lamp	Standard 1AW19,27,35,80 - Optional 1AT19,27,35.	
Luggage compartment lamp	Optional except 35 and 80 models.	
Underhood lamp	Optional	
Courtesy lamp	Standard 1AW19,27,35,80 - Optional 1AT19,27,35.	
Map lamp	N.A.	
Cornering lamp	N.A.	
Rear window defroster electrically heated	Optional (a)	
Rear window defogger	Optional (19-27 only)	
Theft protection - type	N.A.	
Dome reading lamp	Optional all except (a)	
Windshield antenna	Included with factory installed radio, also available w/o radio.	
Trunk lid release-Electric	Optional	

Lamps and Headlamp Shape* (a) Not available with El Camino.

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	677 (26.7 in.)	679 (26.7 in.)	678 (26.7 in.) (mm)
		Lowest	- -	- -	- - (mm)
	Tail (H126)	Highest	623 (24.5 in.)	408 (16.1 in.)	411 (16.2 in.) (mm)
		Lowest	- -	- -	- - (mm)
	Sidemarker	Front	581 (22.9 in.)	623 (24.5 in.)	621 (24.4 in.) (mm)
		Rear	623 (24.5 in.)	419 (16.5 in.)	405 (15.9 in.) (mm)
Distance from C/L of car to center of bulb	Headlamp	Inside			(mm)
		Outside**			(mm)
	Tail	Inside			(mm)
		Outside			(mm)
	Directional	Front			(mm)
		Rear			(mm)

*Measured at curb weight

**If single headlamps are used enter here

MVMA Specifications Form
Passenger Car

Vehicle Mass

Model	CURB MASS * (kg)			% PASS MASS DISTRIBUTION				SHIPPING MASS ** (kg)
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
Malibu								
● 4-Door Sedan 1AT19	748	655	1403					1361
	(1649)	(1444)	(3093)					(3000)
● 2-Door Coupe 1AT27	755	646	1401					1359
	(1664)	(1424)	(3088)					(2996)
● 4-Door, 2-Seat Station Wagon 1AT35	735	744	1479					1437
	(1620)	(1640)	(3260)					(3168)
Malibu Classic								
● 4-Door Sedan 1AW19	756	659	1415					1373
	(1667)	(1453)	(3120)					(3027)
● 2-Door Coupe 1AW27	760	650	1410					1369
	(1675)	(1433)	(3108)					(3018)
● 4-Door, 2-Seat Station Wagon 1AW35	738	747	1485					1442
	(1627)	(1647)	(3274)					(3179)
El Camino								
● 2-Door Sedan Pick-up 1AW80	810	621	1431					1390
	(1786)	(1369)	(3155)					(3064)
Curb weight - The calculated weight of a vehicle with standard equipment only as designed with the additional load of oils, lubes, coolants, and fuel all filled to capacity.								
Shipping weight: Same as base curb weight except 3 gallons of gasoline.								

* Reference - SAE J1100 Passenger Car Dimension Definitions, Pg. 1, Base Curb Weight.
 ** Shipping mass definition.

MVMA Specifications Form Passenger Car

MALIBU EL
 Car Line MALIBU-CLASSIC-CAMINO
 Model Year 1978 Issued 10-77

METRIC
 Revised (●) _____

Equipment Differential Mass	Optional Equipment Mass			Remarks
	MASS (kg)			
	Front	Rear	Total	
Air Cond. 4-Season	28.5	2.3	30.8	With V6 Engine
	(+ 63)	(+ 5)	(+ 68)	
	23.1	1.8	24.9	With V8 Engine
	(+51)	(+ 4)	(+ 55)	
Electric Door Locks	0.9	0	0.9	2-Door Models
	(+ 2)	(0)	(+ 2)	
	0.9	0.9	1.8	4-Door Models
	(+ 2)	(+ 2)	(+ 4)	
Power Windows	2.3	1.4	3.7	2-Door Models
	(+ 5)	(+ 3)	(+ 8)	
	2.7	3.1	5.8	4-Door Models
	(+ 6)	(+ 7)	(+ 13)	
Power Tailgate Release	-0.4	1.8	1.4	Station Wagons
	(- 1)	(+ 4)	(+ 3)	
Power Seat 6-way Bench	4.6	3.1	7.7	
	(+ 10)	(+ 7)	(+ 17)	
Power Seat 6-way 50/50 Seat	5.8	5.0	10.8	1AW00 Models
	(+ 13)	(+ 11)	(+ 24)	
Power Steering	11.3	0	11.3	V6 Engine-without Air cond.
	(+ 25)	(0)	(+ 25)	
Power Brakes	3.6	0.4	4.0	V6 Engine-without Air cond.
	(+ 8)	(+ 1)	(+ 9)	
Vinyl roof cover (padded)	0.7	0.7	1.4	All except 35 and 80
	(+1.5)	(+1.5)	(+ 3)	
Floor Mats front & rear	1.8	1.4	3.1	
	(+ 4)	(+ 3)	(+ 7)	
Heavy duty frt. & rr. Susp	0	3.6	3.6	All except 35 and 80
	(0)	(+ 8)	(+ 8)	
Wheel Trim Covers	0.9	0.9	1.8	
	(+ 2)	(+ 2)	(+ 4)	
Bumper Impact Strips	0.9	0.9	1.8	
	(+ 2)	(+ 2)	(+ 4)	
Bumper Guards	0.9	0.9	1.8	
Rear & Front	(+ 2)	(+ 2)	(+ 4)	
Roof Luggage Carrier	0.9	5.8	6.7	Station Wagons
	(+ 2)	(+ 13)	(+ 15)	

MVMA Specifications Form
Passenger Car

Car Line Malibu-Classic-El Camino
Model Year 1978 Issued 10-77 Revised (●) _____

METRIC

Equipment Differential Mass	Optional Equipment Mass			Remarks
	MASS (kg)			
	Front	Rear	Total	
Radio AM push-button	2.7	0.9	3.6	
	(+ 6)	(+ 2)	(+ 8)	
Radio AM/FM push-button	3.1	0.9	4.0	
	(+ 7)	(+ 2)	(+ 9)	
Radio AM/FM Stereo	5.0	1.8	6.8	
	(+ 11)	(+ 4)	(+ 15)	
Radio AM push-button/ Stereo tape player	5.9	1.8	7.7	
	(+ 13)	(+ 4)	(+ 17)	
Radio AM/FM push-button /Stereo tape player	6.3	1.8	8.1	
	(+ 14)	(+ 4)	(+ 18)	
Auxiliary Speaker-rear	0	0.9	0.9	All except El Camino
	(0)	(+ 2)	(+ 2)	
Rally Wheels	1.8	1.8	3.6	
	(+ 4)	(+ 4)	(+ 8)	
Front Compartment Console	2.3	0.4	2.7	With 3 and 4 speed transmission
	(+ 5)	(+ 1)	(+ 6)	
	4.5	2.3	6.8	With Automatic transmission
	(+ 10)	(+ 5)	(+ 15)	
5.0 Litre -V8, (305CID) RPO LG3	64.4	-2.7	61.7	
	(+ 142)	(- 6)	(+ 136)	
5.7 Litre-V8, (350 CID) RPO LM1	88.0	8.2	96.2	Station Wagons and El Camino
	(+ 194)	(+ 18)	(+ 212)	
3.8 Litre-V6, (231 CID) RPO LD5	3.6	-2.3	1.3	
	(+ 8)	(- 5)	(+ 3)	
4-Speed Transmission	0.9	0.4	1.3	
	(+ 2)	(+ 1)	(+ 3)	
Automatic Trans (RPO-M ₂₉)	-0.4	1.8	1.4	Wagons & El Camino V6(RPO L26 Engine).
	(- 1)	(+ 4)	(+ 3)	
	-2.7	1.4	-1.4	Sedans and Coupes V8(RPO LG3 Engine)
	(- 6)	(+ 3)	(- 3)	
	-1.8	-0.9	-2.7	Wagons & El Camino V6 (RPO LD5 Engine)
	(- 4)	(- 2)	(- 6)	
Automatic Trans. (RPO-M33)	10.0	3.2	13.2	Sedans & Coupes V6 (RPO LD5 Engine).
	(+ 22)	(+ 7)	(+ 29)	
Automatic Trans. (RPO-M38)	10.9	6.4	17.3	Sedans & Coupes V6 (RPO L26 Engine).
	(+ 24)	(+ 14)	(+ 38)	
	10.4	3.6	14.0	Wagons & El Camino V8 (RPO LG3 Engine).
	(+ 23)	(+ 8)	(+ 31)	
	10.4	3.6	14.0	Wagons & El Camino V8 (RPO LM1 Engine).
	(+ 23)	(+ 8)	(+ 31)	

MVMA Specifications Form Passenger Car

Malibu

Car Line Malibu-Classic-El Camino **METRIC**

Model Year 1978 Issued 10-77 Revised (●) 2-78

Body Type			
4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pick-ups

Vehicle Fiducial Marks

Fiducial Mark Number *	Define Coordinate Location									(mm)
Front	X	- FIDUCIAL MARK TO VERTICAL BASE GRID LINE-FRONT, MEASURED HORIZONTALLY FROM THE BASE GRID LINE TO THE FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.								
	Y	- FIDUCIAL MARK TO CENTERLINE OF CAR-FRONT, WIDTH MEASUREMENT MADE FROM CENTERLINE OF CAR TO FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.								
	Z	- FIDUCIAL MARK TO HORIZONTAL BASE GRID LINE-FRONT, MEASURED VERTICALLY FROM BASE GRID LINE TO FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.								
Rear	X	- FIDUCIAL MARK TO VERTICAL BASE GRID LINE-REAR MEASURED HORIZONTALLY FROM BASE GRID LINE TO THE REAR FIDUCIAL MARK LOCATED ON REAR UNDERBODY CROSSBAR.								
	Y	- FIDUCIAL MARK TO CENTERLINE OF CAR-REAR, WIDTH MEASUREMENT MADE FROM CENTERLINE OF CAR TO FIDUCIAL MARK LOCATED ON THE REAR UNDERBODY CROSSBAR.								
	Z	- FIDUCIAL MARK TO HORIZONTAL BASE GRID LINE-REAR, MEASURED VERTICALLY FROM BASE GRID LINE TO THE REAR FIDUCIAL MARK LOCATED ON REAR UNDERBODY CROSSBAR.								
Fiducial Mark Number	Coordinate Location of Fiducial Mark			(mm)		Fiducial Mark to Ground at Curb				(mm)
Front		<u>X</u>	<u>Y</u>	<u>Z</u>						
		761 (30.0)	564 (22.2)	-10 (-.4)	COUPES	339 (13.3in)				
		761 (30.0)	564 (22.2)	-10 (-.4)	SEDANS	339 (13.3in)				
		761 (30.0)	564 (22.2)	-10 (-.4)	WAGONS	339 (13.3in)				
	761 (30.0)	564 (22.2)	-10 (-.4)	EL CAMINO	339 (13.3in)					
Rear	3	338 (131.4)	534 (21.0)	116 (4.6)	COUPES	479 (18.9in)				
	3	338 (131.4)	534 (21.0)	116 (4.6)	SEDANS	479 (18.9in)				
	3	345 (131.7)	560 (22.0)	116 (4.6)	WAGONS	479 (18.9in)				
	3	345 (131.7)	560 (22.0)	116 (4.6)	EL CAMINO	479 (18.9in)				

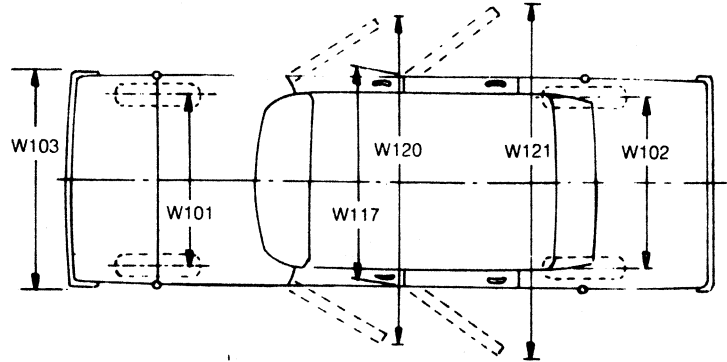
*Reference — SAE Recommended Practice, J182, A Motor Vehicle Fiducial Marks - September, 1973

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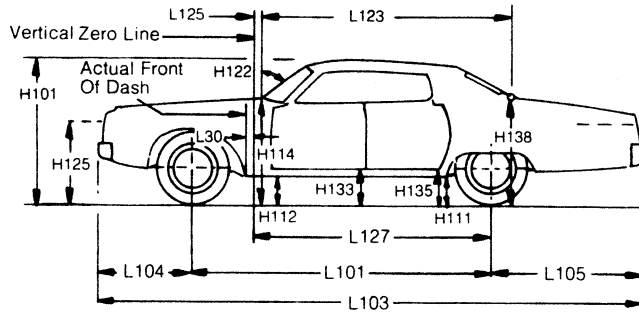
METRIC

Exterior Car And Body Dimensions — Key Sheet

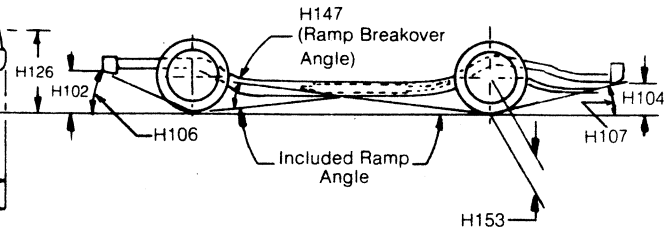
Width



Length & Height

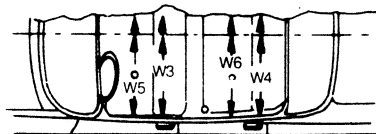


Ground Clearance

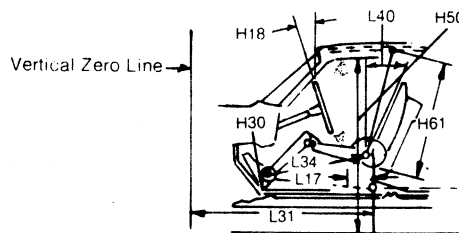


Interior Car And Body Dimensions — Key Sheet

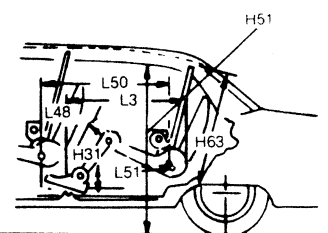
Width



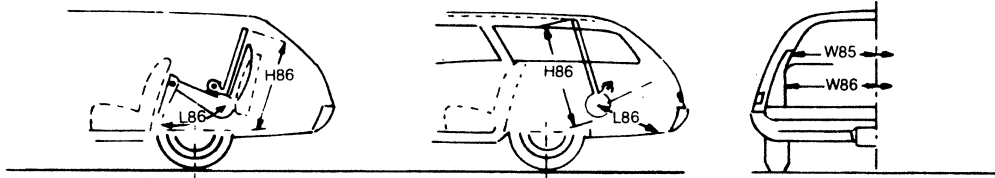
Front Compt.



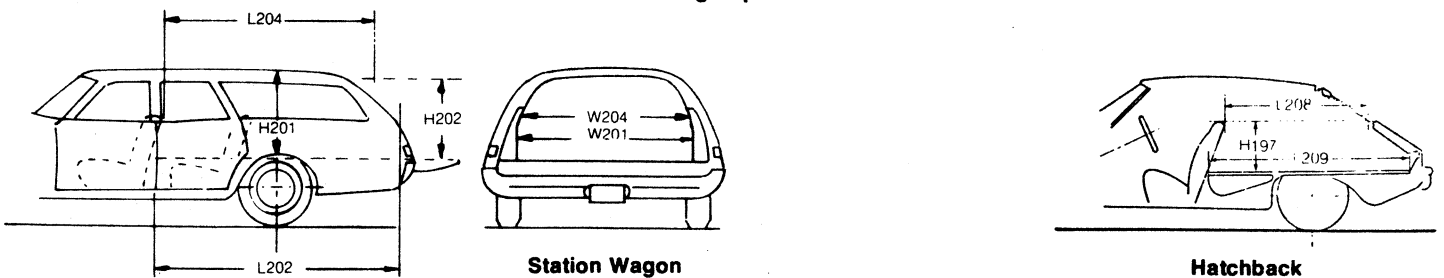
Rear Compt.



Third Seat



Cargo Space



Station Wagon

Hatchback

MVMA Specifications Form

Passenger Car

METRIC

Exterior Car And Body Dimensions — Key Sheet

Dimension Definitions

Width Dimensions

- W101 WHEEL TREAD — FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD — REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT NO. 2 PILLAR. Measured across body at No. 2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

Length Dimensions

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (—) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG — FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L125 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

Height Dimensions

- H101 OVERALL HEIGHT — DESIGN. Measured with the vehicle in Manufacturer's Design Mass attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.

- H112 ROCKER PANEL TO GROUND — FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED — FRONT is the same point on the door as H132 dimension, with door closed.
- H111 ROCKER PANEL TO GROUND — REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED — REAR is measured in same manner as H133.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by a 457 mm chord.
- H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

Ground Clearance Dimensions

- H102 BUMPER TO GROUND — FRONT. Minimum dimension, includes bumper guards.
- H104 BUMPER TO GROUND — REAR. Minimum dimension, includes bumper guards.
- H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.
- H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

**Interior Car And Body Dimensions — Key Sheet
Dimension Definitions**

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension from H Point to the headlining, plus a constant of 102 mm, measured along a line 8° to rear of vertical.
- H75 EFFECTIVE T POINT HEADROOM — FRONT. The arc dimension from the T Point to the headlining plus 762 mm.
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 254 mm. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT — FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within the belt line to 254 mm above the H-point—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within 25 mm below and 76 mm above the H-point height and 76 mm fore and aft of the H-point.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- H18 STEERING WHEEL ANGLE — VERTICAL. The angle measured from a vertical to the surface plane of the steering wheel.
- L40 BACK ANGLE — FRONT. The angle measured between a vertical line through the H-Point-Front and the torso line.

Rear Compartment Dimensions

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM — REAR. The dimension from the H Point to the headlining, plus a constant of 102 mm measured along a line 8° to rear of vertical.
- H76 EFFECTIVE T POINT HEADROOM — REAR. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — REAR. Measured along a diagonal line from the ankle pivot center to the H

- Point plus a constant of 254 mm, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.
- H31 H POINT TO HEEL POINT — REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 KNEE CLEARANCE. The minimum dimension measured from the knee pivot center to the back of front seatback minus 50 mm.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the H-point—second within 254 - 406 mm above the H-point—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 330 mm forward of the H Point.

Luggage Compartment Dimensions

- V1 LUGGAGE CAPACITY — USABLE. The total luggage compartment luggage capacity in cubic decimetres (litres) with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

Station Wagon — Third Seat Dimensions

- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W4.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 254 mm. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM — THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 102 mm. Measured along a line 8° to rear of vertical.
- H89 EFFECTIVE T POINT HEADROOM — THIRD SEAT. Measured in the same manner as H75.

**Interior Car And Body Dimensions — Key Sheet
Dimension Definitions**

Station Wagon — Cargo Space Dimensions

- L202 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT — FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH — WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail and liftgates fully open.
- V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic metres above the normal load floor and behind the front seat with the liftgate and tailgate closed.

$$\frac{W4 \times L204 \times H201}{10^9}$$

Hatch Back — Cargo Space Dimensions

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

- H197 FRONT SEAT BACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seat back to the undepressed floor covering.
- L208 CARGO LENGTH AT FRONT SEAT BACK HEIGHT. The horizontal dimension measured from the top rear of front seat back to the inside limiting interference of the hatch back door on the car centerline.
- L209 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension measured at floor level from the rear of the front seat back to the normal limiting interference of the hatch back door on the car centerline.
- V3 HATCH BACK — CARGO INDEX VOLUME. Hatch back cargo index volume is to be determined by the following formula, and expressed in terms of cubic decimetres (litres).

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^6}$$

**MVMA Specifications Form
Passenger Car**

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