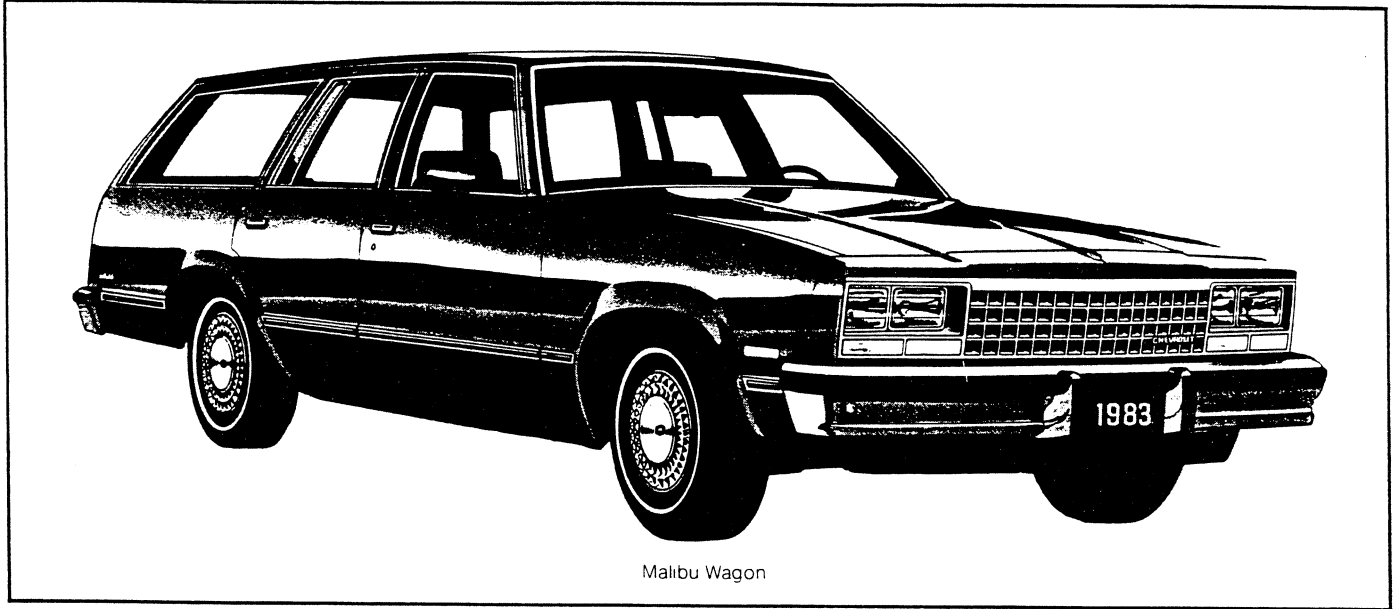


1983 MALIBU

ORDERING INFORMATION

MODELS

MALIBU Model Number
4-Door Station Wagon 1GW35



NEW FEATURES

- New price-leader Malibu Wagon model.
- Custom Trim available.
- New interior and exterior colors.
- Fold-down center armrest available with Custom Trim.

CONTINUED STANDARD FEATURES

- Full six-passenger capacity.
- All-vinyl interiors standard; cloth available.
- Power steering.
- Power disc/drum brake system.
- Automatic transmission.
- V8 diesel engine available.
- Quad rectangular headlamps.
- Multi-function turn signal/wiper/washer/washer switch.
- Delco Freedom II battery.
- High Energy Ignition system.
- GM Specification fiberglass-belted radial ply tires.
- Low-drag front disc brakes with wear sensors.
- Front stabilizer bar.
- Inside hood release.
- Color-keyed outside molding.
- Glove compartment lock.
- Compact spare tire.

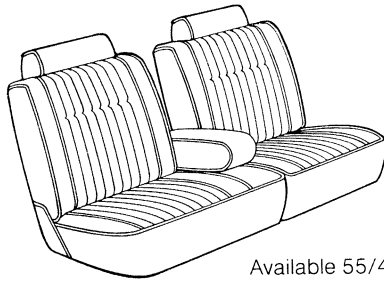
EQUIPMENT SUMMARY

	Station Wagon
Bright roof drip molding	S
Wide body sill molding	EC
Wheel opening molding	EC
Full wheel covers	EC
Front door pull straps	EC
Carpeted lower door panels	EC
Front seat armrest	EC
Cigarette lighter	S
3.8 Liter 2-Bbl. V6 (229 CID Federal; 231 CID Calif.)	S
Computer Command Control (gasoline engines)	S
Power steering	S
Power brakes	S
Automatic transmission	S
Dual horns	EC
P195/75R-14 radial ply tires and 6" wheels	S
S—Standard EC—Extra Cost	

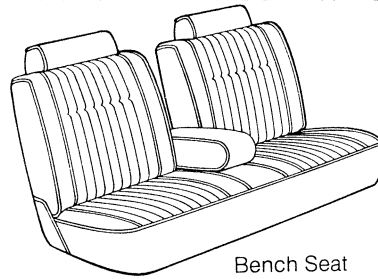
Refer to Dealer Order Guide for option availability and application.

1983 MALIBU INTERIORS

MALIBU WAGON CUSTOM INTERIOR Notchback Bench Seat



Available 55/45 Seat



Bench Seat

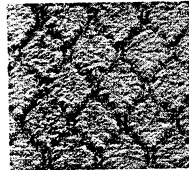
CLOTH



Dark Blue



Fern



Sand Gray



Dark Brown

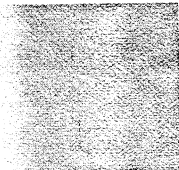


Maroon

VINYL



Dark Blue



Sand Gray



Dark Brown



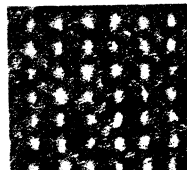
Maroon

MALIBU WAGON INTERIOR Bench Seat

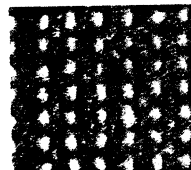
CLOTH



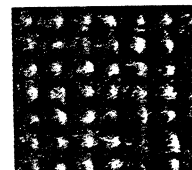
Dark Blue



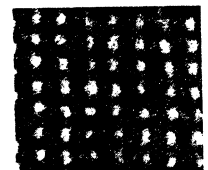
Fern



Sand Gray



Dark Brown

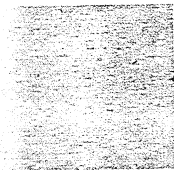


Maroon

VINYL
(Standard)



Dark Blue



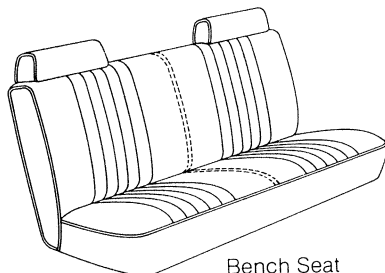
Sand Gray



Dark Brown



Maroon



Bench Seat

Refer to Dealer Order Guide for option availability and application.

Exterior Colors

11 – White



15 – Silver (Metallic)



19 – Black



22 – Light Blue (Metallic)



27 – Dark Blue (Metallic)



42 – Light Fern (Metallic)



48 – Dark Fern (Metallic)



62 – Light Brown (Metallic)



67 – Dark Brown (Metallic)



78 – Maroon (Metallic)



Custom Two-Tone (RPO D84)

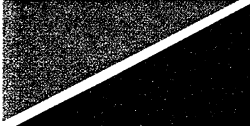
White/
Silver (Metallic) Accent



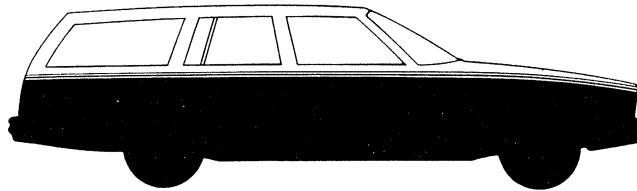
Light Blue (Metallic)/
Dark Blue (Metallic) Accent



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

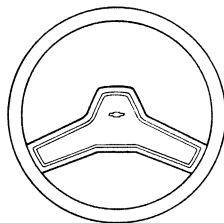


Light Brown (Metallic)/
Dark Brown (Metallic) Accent



Two-Tone exterior with accent color on body sides, fenders and tailgate. Color-keyed pin striping separates the two colors. (Not available with BX3 Estate Equipment.)

Steering Wheel



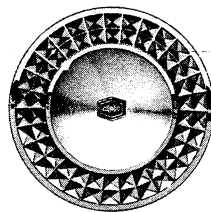
Keyed to interior color.

Refer to Dealer Order Guide for option availability and application.

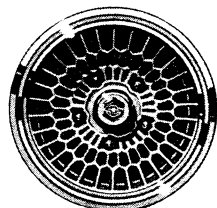
Wheel Trim



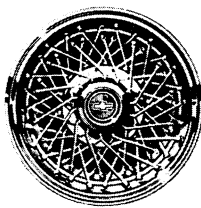
Hubcap
Standard



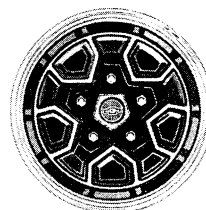
Full Wheel Cover
RPO PO1



Sport Wheel Cover
RPO PB2

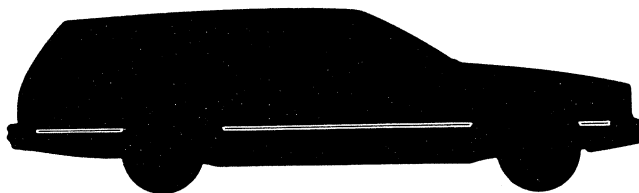


Wire Wheel Cover
RPO N95



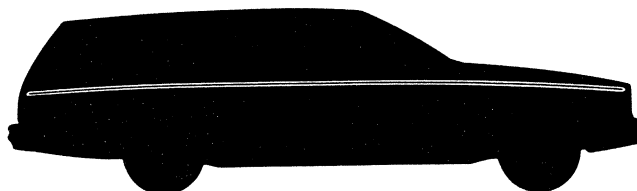
Rally Wheel
RPO ZJ7

Body Side Moldings (RPO BW2)



Bright with black insert. (Not available with BX3 Estate Equipment.)

Body Side Pin Striping (RPO D85)



On body sides and fenders. Available in colors keyed to exterior/interior colors. (Not available with BX3 Estate Equipment or D84 Custom Two-Tone.)

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

Chevrolet

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

Refer to Dealer Order Guide for option availability and application.

SPECIAL EQUIPMENT

1983 CHEVROLET AND 116" WHEELBASE STATION WAGONS SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
Roof Wiring Equipment: Includes four color-coded 12-gage wires routed from a point underneath roof panel, 19" rearward of windshield opening at centerline of vehicle, to a point under instrument panel; 24" of wire coiled between headlining and roof panel; 36" of wire coiled and taped to firewall at centerline of vehicle. No hole in roof panel	49	6E5	19.55	18.86	N.A.	23.00	23.00
Seat, Deletion: Caprice Wagon only. Deletes the third seat and replaced with production carpet . . .	42	5Z2	-106.25	-102.50	N.A.	-125.00	-125.00
Seats: Includes high density back and seat cushion. <i>Heavy-Duty Front Bench.</i> Not available on Caprice Sedan. Included when SEO 9C6 Taxi Equipment is specified	42	6C1	17.00	16.40	N.A.	20.00	20.00
<i>Heavy-Duty Rear.</i> Impala only. Included when SEO 9C6 Taxi Equipment is specified	42	6C2	19.55	18.86	N.A.	23.00	23.00
<i>Heavy-Duty Front Buckets.</i> Impala only. Available only when SEO 6R6 vinyl seat trim, SEO 6R7 cloth seat trim or SEO 6R8 cloth front/vinyl rear seat trim is ordered and priced.	42	6B9	158.95	153.34	N.A.	187.00	187.00
<i>50/50 HD Front Bench.</i> Not available on Caprice Sedan. Available only when SEO 6R6 vinyl seat trim, SEO 6R7 cloth seat trim or SEO 6R8 cloth front/vinyl rear seat trim is ordered and priced	42	6F3	280.50	270.60	N.A.	330.00	330.00
<i>50/50 Heavy-Duty Front Bench with Center Armrest.</i> Impala only. Available only when SEO 6R6 vinyl seat trim, SEO 6R7 cloth seat trim or SEO 6R8 cloth front/vinyl rear seat trim is ordered and priced.	42	6G3	306.00	295.20	N.A.	360.00	360.00
Seat Trim: Available in dark blue or maroon only. Available when SEO 6B9 HD front bucket seat, SEO 6C1 HD front seat, SEO 6F3 50/50 front bench seat or SEO 6G3 50/50 HD front bench seat with center armrest is ordered and priced. Not available on Caprice Sedan. When Caprice Wagon is specified, the third seat is deleted and replaced with production carpet. SEO 9C6 Taxi Equipment is specified							
<i>Vinyl Trim - HD Seamless.</i>							
Sedan only	42	6R6	50.15	48.38	N.A.	59.00	59.00
Station Wagon only	42	6R6	23.80	22.96	N.A.	28.00	28.00
<i>Cloth Trim - HD Seamless.</i>							
Sedan only	42	6R7	34.00	32.80	N.A.	40.00	40.00
Station Wagon only	42	6R7	57.80	55.76	N.A.	68.00	68.00
<i>Cloth/Vinyl Trim - HD Seamless Cloth Front and HD Seamless Vinyl Rear.</i>							
Impala only	42	6R8	29.75	28.70	N.A.	35.00	35.00
Speakers, Radio: Not available when optional radio is specified. Includes two 8-ohm speakers wired in parallel to provide a 4-ohm resistance and mounted in left and right side of dash with 42" leads for radio provision.	42	7X1	62.90	60.68	N.A.	74.00	74.00
Speedometer Gear: Required when SEO tires are specified.	42	9A3	1.70	1.64	N.A.	2.00	2.00

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

SPECIAL EQUIPMENT

1983 CHEVROLET AND 116" WHEELBASE STATION WAGONS SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
Speedometers:							
<i>Police Type:</i> Impala only. Available only when RPO LC3 3.8 Liter (2 BBL) V6, RPO LG4 5.0 Liter (4 BBL) V8, RPO LM1 5.7 Liter (4 BBL) V8 or RPO LD5 3.8 Liter 2 BBL V6 is ordered and priced. Not available when RPO UF7 Gage Package is specified. Displays speeds to 120 mph, graduated 2 mph increments. (AVAILABLE ONLY TO LAW ENFORCEMENT AGENCIES).....							
	56	7Z9	15.30	14.76	N.A.	18.00	18.00
<i>Production Type:</i> Impala only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced							
	42	8A1	N.C.	N.C.	N.C.	N.C.	N.C.
¶ Speedometer Cable - Two Piece. Not available when RPO K35 speed and cruise control is specified. Speedometer cable is manufactured in two pieces with additional connection on the passenger side of firewall							
	49	6Z1	17.85	17.22	N.A.	21.00	21.00
¶ Spotlight: Impala only. Unity model pillar mounted.							
LH. 5" Model #250.....	56	7W7	91.80	88.56	N.A.	108.00	108.00
LH. 6" Model #225MS.....	70	7W8	91.80	88.56	N.A.	108.00	108.00
LH and RH. 6" Model #225MS.....	70	7W9	183.60	177.12	N.A.	216.00	216.00
¶ Switches:							
<i>Door Ajar Warning.</i> Impala only. Available only when SEO 6C6 rear door jamb switch is ordered and priced. Included when SEO 9C6 Taxi Equipment is ordered and priced.							
	56	7Y2	32.30	31.16	N.A.	38.00	38.00
<i>Inoperative Door Jamb.</i> All standard door jamb switch locations. Dome light controlled by headlight switch on instrument panel only. Not available when RPO TR9 auxiliary lighting or SEO 6C6 rear door jamb switch are specified.							
	42	7Y6	7.65	7.38	N.A.	9.00	9.00
<i>Rear Door Jamb.</i> Impala only. Dome light activated when rear door is opened. Included when SEO 9C6 Taxi Equipment is ordered and priced.							
	49	6C6	19.55	18.86	N.A.	23.00	23.00
Taxi Equipment: Impala only. Available only when RPO LC3 3.8 Liter (2 BBL) V6 engine with RPO NA5 standard emission equipment only or RPO LG4 5.0 Liter (4BBL) V8 engine with RPO YF5 California Emission Requirements only and SEO 7K3 70-amp or SEO 7K4 80-amp Delcotron generator is ordered and priced. Includes SEO 6A3 HD front and rear mats, SEO 6C1 HD front seat, SEO 6C2 HD rear seat, SEO 6C6 rear door jamb switch, SEO 6R6 HD vinyl seamless trim in blue or maroon, SEO 7Y2 door ajar warning light, SEO 7G2 HD brakes, RPO F40 HD front and rear suspension, RPO V08 HD radiator, 2.73 ratio rear axle and SEO 9L3 interior anti-corrosion protection. Package also includes HD battery equivalent to 80-amps, higher gage frame, engine durability features, 8.75" ring gear axle, temperature controlled fan, metallic impregnated front brake pads, 11" x 2" rear drum brakes and large bolt circle wheels.							
	70	9C6	501.50	483.80	N.A.	590.00	590.00
✓ Transmission, Low Gear Block-Out: Impala only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced. Prevents manual downshift to first gear. Does not affect automatic operation.....							
	42	1K5	11.90	11.48	N.A.	14.00	14.00
Trunk Opener, Automatic: Minimum of 5 orders required. Impala only. Electric type with control button on instrument panel adjacent to driver. Operational only when ignition switch is in ON position.....							
	49	6H5	50.15	48.38	N.A.	59.00	59.00

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 § Factory 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.
 ¶ Fleet users only.

NOTES

SPECIAL EQUIPMENT

1983 MALIBU AND 108" WHEELBASE STATION WAGONS

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
Cable, Coaxial Radio Antenna: (RG58AU). Sedan only. Routed from just rearward of dome lamp to trunk compartment. 12" of cable coiled between headlining and roof panel with sufficient length in trunk to allow cable to reach either corner of trunk. No hole drilled in roof panel.	49	6C8	17.00	16.40	N.A.	20.00	20.00
Cooler, Engine Oil: Available only when RPO LG4 5.0 Liter (4 BBL) V8 engine is ordered and priced. Included when RPO LG4 5.0 Liter (4-BBL) V8 Engine and SEO 9C1 Police Chassis Equipment are ordered and priced. Air to oil cooler with heat exchanger ahead of radiator. Engine oil intake/outlet is through oil filter adapter. Oil circuit includes by-pass valves. Included when SEO 9C1 Police Chassis Equipment is ordered and priced	56	7P8	79.05	76.26	N.A.	93.00	93.00
Cooler, Hydraulic Steering Oil: Available only when RPO LG4 5.0 Liter (4 BBL) V8 engine is ordered and priced	49	7L9	26.35	25.42	N.A.	31.00	31.00
Cooler, HD Transmission Oil: Available only when RPO LG4 5.0 Liter (4 BBL) V8 engine and RPO V08 HD cooling are ordered and priced. Provides increased cooling capacity in radiator assembly. With RPO C60 air conditioning	42	8E5	27.20	26.24	N.A.	32.00	32.00
Without RPO C60 air conditioning	42	8E5	54.40	52.48	N.A.	64.00	64.00
Conduit, Two-Way Radio Control Cable: Minimum of 15 orders required. Sedan only. Provides 1 1/2" diameter conduit routed inside vehicle along driveshaft tunnel from below dash to trunk area. Includes pull-cord inside conduit to facilitate snaking of radio wires plus 7/8" hole with removable plug in firewall to provide access to battery in engine compartment	49	6C9	79.90	77.08	N.A.	94.00	94.00
Generator: <i>70-Amp Delcotron.</i> Provides 50-amps at 700 RPM at engine idle speed. Available only when RPO LC3 3.8 Liter V6 or RPO LG4 5.0 Liter (4 BBL) V8 engine is specified. Without RPO C60 air conditioning or RPO C49 rear defogger	49	7K3	64.60	62.32	N.A.	76.00	76.00
With RPO C60 air conditioning and RPO C49 rear defogger which must be ordered and priced.	49	7K3	30.60	29.52	N.A.	36.00	36.00
With RPO C60 air conditioning or RPO C49 rear defogger which must be ordered and priced.	49	7K3	38.25	36.90	N.A.	45.00	45.00
<i>80-Amp Delcotron.</i> Available only when RPO LC3 3.8 Liter (2 BBL) V6, RPO LG4 5.0 Liter (4 BBL) V8 engine and RPO V08 HD cooling are ordered and priced. Provides 58-amps at 700 RPM engine idle speed with transmission in park or neutral. Without RPO C60 air conditioning or RPO C49 rear defogger	56	7K4	235.45	227.14	N.A.	277.00	277.00
With RPO C60 air conditioning and RPO C49 rear defogger which must be ordered and priced.	56	7K4	197.20	190.24	N.A.	232.00	232.00
With RPO C60 air conditioning or RPO C49 rear defogger which must be ordered and priced.	56	7K4	204.00	196.80	N.A.	240.00	240.00
¶ Glass, Soft-Ray: Windshield only	-	A02	68.00	65.60	N.A.	80.00	80.00
Handle, Inoperative Rear Door:	42	6B2	10.20	9.84	N.A.	12.00	12.00

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 ◇ State and local taxes not included.
 ¶ Fleet users only.

SPECIAL EQUIPMENT

1983 MALIBU AND 108" WHEELBASE STATION WAGONS SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price◇
Heater, Engine Block: Minimum of 10 orders required. Located in frost plug location on LH side of engine block with 4000 watt rated output. Available only when RPO LC3 3.8 Liter (2BBL) V6 or RPO LG4 5.0 Liter (4BBL) V8 engine and RPO NA5 Standard Emission Equipment are specified.	42	7P4	19.55	18.86	N.A.	23.00	23.00
Hole, Roof Panel: Minimum of 10 orders required. Available only when SEO 6E4 or SEO 6E5 roof wiring is ordered and priced. Includes .5" hole drilled on center line of roof panel 19" rearward of windshield opening; roof wiring extended through hole, secured and sealed.	42	6B7	7.65	7.38	N.A.	9.00	9.00
Hoses, Silicone Rubber Radiator and Heater: Available only when RPO C60 air conditioning and RPO LG4 5.0 Liter (4 BBL) V8 engine are ordered and priced.	42	8B7	96.90	93.48	N.A.	114.00	114.00
✓ Interior, Anti-Corrosion Protection: Included when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced.	49	9L3	19.55	18.86	N.A.	23.00	23.00
¶ Key Equipment: Minimum of 25 orders required. Single key system. Three keys furnished for each unit. Not available when RPO AW9 Cargo Area Security Package is specified.							
All units coded individually.	56	6A4	16.15	15.58	N.A.	19.00	19.00
All units coded alike.	56	6E2	16.15	15.58	N.A.	19.00	19.00
Lights:							
Door Ajar Warning: Sedan only. Minimum of 10 orders required. Available only when SEO 6C6 rear door jamb switch is ordered and priced. Included when SEO 9C6 Taxi Equipment is specified.	49	7Y2	32.30	31.16	N.A.	38.00	38.00
Luggage Compartment: Sedan only. Included when RPO TR9 auxiliary lighting is specified.	-	7X4	9.35	9.02	N.A.	11.00	11.00
Extra Dome: Minimum of 10 orders required. Located 10" rearward of windshield with switch at base of light. Wired independently of standard dome light.	42	6C7	17.85	17.22	N.A.	21.00	21.00
Dome and Reading: In place of standard dome light.	49	6C5	26.35	25.42	N.A.	31.00	31.00
Underhood: Included when RPO TR9 auxiliary lighting is specified.	49	7Y1	11.05	10.66	N.A.	13.00	13.00
Lock, Rear Vent Window: <i>Inoperative.</i> Sedan only. Window cannot be opened. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced. Not available when RPO A31 power windows is specified.	42	6H8	16.15	15.58	N.A.	19.00	19.00
Mats, One-Piece HD Front and Rear Floor: Sedan only. Available only when SEO 9L3 interior anti-corrosion protection is ordered and priced. Included when SEO 9C6 Taxi Equipment is ordered and priced. Replaces production carpet.	42	6A3	20.40	19.68	N.A.	24.00	24.00
# Mirrors, Sport Twin Remote: Not available with RPO D33 Remote Control Outside Rear View Mirror or RPO D35 LH Remote, RH Manual Sport Mirrors.	WA	6L6	WA	WA	WA	WA	WA
Molding, Reveal Quarter Belt: Sedan only. For two-tone special paint application only.	49	6T3	25.50	24.60	N.A.	30.00	30.00

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 Factory 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.
 Fleet users only.

SPECIAL EQUIPMENT

1983 MALIBU AND 108" WHEELBASE STATION WAGONS SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price◇
Police Chassis Equipment: Sedan only. Available only with one of the following engines which must be ordered and priced.							
LC3 3.8 Liter (2 BBL) V6 engine which includes 2.73 ratio rear axle.							
LG4 5.0 Liter (4 BBL) V8 engine which includes 2.73 ratio rear axle.							
Available only when the following options are ordered and priced.							
SEO 7K3 70-amp Delcotron generator or SEO 7K4 80-amp Delcotron generator.							
SEO 6C1 HD front bench seat, SEO 6B9 HD bucket seat or SEO 6B8 55/45 front bench seat. (AVAILABLE ONLY WHEN SEO 6R6, SEO 6R7 or SEO 6R8 TRIM IS ORDERED AND PRICED)							
SEO 7Z2 police type instrument cluster, SEO 7Z9 police type speedometer or SEO 8A1 production type speedometer. (SEO 7Z2 or SEO 7Z9 AVAILABLE ONLY TO LAW ENFORCEMENT AGENCIES)							
Included are the following features; HD battery equivalent to 80-amps, reinforced frame, engine valve train durability features, SEO 7P8 engine oil cooler when RPO LG4 5.0 Liter (4BBL) V8 Engine is specified and priced, fuel vapor return system on V8 model, front and rear semi metallic brake linings, unique brake master cylinder and brake booster, 14" x 6" vented higher gage wheel, rally wheel hub caps, specific body mounts, RPO VO8 HD cooling, SEO 9L3 interior anti-corrosion protection, temperature controlled fan, special balanced driveshaft and RPO F40 suspension equipment (Modified for High Speed Performance). Not available when optional wheel covers are specified.							
HERE							
With recommended police type tires SEO 5KV P205/70R14 Highway Radial Police Service Blackwall or SEO 5KW P205/70R14 Highway Radial Police Service Whitewall tires.							
Without RPO C60 Air Conditioning.							
Without RPO LG4 5.0 Liter (4 BBL) V8 Engine..	70	9C1	412.25	397.70	N.A.	485.00	485.00
With RPO LG4 5.0 Liter (4 BBL) V8 Engine	70	9C1	491.30	473.96	N.A.	578.00	578.00
With RPO C60 Air Conditioning.							
Without RPO LG4 5.0 Liter (4 BBL) V8 Engine..	70	9C1	386.75	373.10	N.A.	455.00	455.00
With RPO LG4 5.0 Liter (4 BBL) V8 Engine	70	9C1	465.80	449.36	N.A.	548.00	548.00
With non-recommended tires. (SAA required).							
Without RPO C60 Air Conditioning.							
Without RPO LG4 5.0 Liter (4 BBL) V8 Engine..	70	9C1	392.70	378.84	N.A.	462.00	462.00
With RPO LG4 5.0 Liter (4 BBL) V8 Engine	70	9C1	471.75	455.10	N.A.	555.00	555.00
With RPO C60 Air Conditioning.							
Without RPO LG4 5.0 Liter (4 BBL) V8 Engine..	70	9C1	367.20	354.24	N.A.	432.00	432.00
With RPO LG4 5.0 Liter (4 BBL) V8 Engine	70	9C1	446.25	430.50	N.A.	525.00	525.00
Roof Reinforcement: Provides support for roof mounted equipment up to 35 pounds. 10" wide plate which extends along center line of vehicle from windshield to dome light.							
	49	6G2	17.00	16.40	N.A.	20.00	20.00

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

SPECIAL EQUIPMENT

1983 MALIBU AND 108" WHEELBASE STATION WAGONS

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price◇
Roof Wiring Equipment: Sedan only. Not available when SEO 6E5 roof wiring equipment is specified. Includes six color coded 12-gage wires routed from a point underneath roof panel 19" rearward of windshield opening at center line of vehicle to a point under instrument panel. 24" of wire coiled between headlining and roof panel. 36" of wire coiled and taped to firewall at center line of vehicle. No hole in roof panel.	49	6E4	27.20	26.24	N.A.	32.00	32.00
Roof Wiring Equipment: Includes four color coded 12-gage wires routed from a point underneath roof panel 19" rearward of windshield opening at center line of vehicle to a point under instrument panel. 24" of wire coiled between headlining and roof panel. 36" of wire coiled and taped to firewall at center line of vehicle. No hole in roof panel.	49	6E5	19.55	18.86	N.A.	23.00	23.00
Seats: Sedan only. <i>Special Contour Bucket.</i> Includes high density back and seat cushion. Available only when SEO 6R6 HD vinyl seamless trim, SEO 6R7 seamless cloth or SEO 6R8 seamless cloth front/seamless vinyl rear trim is ordered and priced.	42	6B9	158.95	153.34	N.A.	187.00	187.00
<i>Heavy-Duty Front Bench.</i> Included when SEO 9C6 Taxi Equipment is ordered and priced.	42	6C1	17.00	16.40	N.A.	20.00	20.00
<i>Heavy-Duty Rear.</i> Included when SEO 9C6 Taxi Equipment is ordered and priced.	42	6C2	19.55	18.86	N.A.	23.00	23.00
<i>55/45 Front Bench.</i> Available only when SEO 6R6 HD vinyl, SEO 6R7 HD seamless cloth seat or SEO 6R8 seamless cloth front/seamless vinyl rear trim is ordered and priced.	42	6B8	195.50	188.60	N.A.	230.00	230.00
Seat Trim: Sedan only. Available in dark brown or dark blue only. SEO 6R6, SEO 6R7 and SEO 6R8 seat trim available when SEO 6B9 special contour bucket seat, SEO 6C1 HD front seat or SEO 6B8 55/45 front bench seat is ordered and priced. Vinyl Trim - HD Seamless. Included when SEO 9C6 Taxi Equipment is ordered and priced.	42	6R6	50.15	48.38	N.A.	59.00	59.00
Cloth Trim - HD Seamless.	42	6R7	34.00	32.80	N.A.	40.00	40.00
Cloth Front/Vinyl Rear-HD Seamless.	42	6R8	29.75	28.70	N.A.	35.00	35.00
Speakers, Radio: Not available when optional radio equipment is specified. Includes two 8-ohm speakers wired in parallel to provide a 4-ohm resistance and mounted in left and right side of dash with 42" leads for radio provision.	42	7X1	62.90	60.68	N.A.	74.00	74.00
Speedometer Gear: Required when SEO tires are ordered and priced.	42	9A3	1.70	1.64	N.A.	2.00	2.00
Speedometer, Cluster: <i>Police Type.</i> Displays speeds to 120 mph, graduated in 2 mph increments. Not available when RPO LF9 5.7 Liter Diesel V8 or RPO LT6 4.3 Liter Diesel V6 engine is specified. Instrument cluster includes voltmeter, water temperature gage, oil pressure gage and clock. AVAILABLE ONLY TO LAW ENFORCEMENT AGENCIES.	49	7Z2	105.40	101.68	N.A.	124.00	124.00

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

SPECIAL EQUIPMENT

1983 MALIBU AND 108" WHEELBASE STATION WAGONS

SPECIAL EQUIPMENT WHEN INSTALLED AT ASSEMBLY PLANT

Description	Lead Time Days	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
Speedometer:							
<i>Police Type.</i> Displays speeds to 120 mph, graduated in 2 mph increments. Not available when RPO LF9 5.7 Liter Diesel V8 engine, RPO LT6 Liter Diesel V6 or when optional gage package is specified. AVAILABLE ONLY TO LAW ENFORCEMENT AGENCIES							
	49	7Z9	37.40	36.08	N.A.	44.00	44.00
<i>Production Type.</i> Sedan only. Available only when SEO 9C1 Police Chassis Equipment is ordered and priced							
	42	8A1	N.C.	N.C.	N.C.	N.C.	N.C.
Speedometer Cable, Two-Piece: Not available when RPO K35 speed and cruise control is specified. Speedometer cable is manufactured in two pieces with additional connection on the passenger side of firewall							
	49	6Z1	17.85	17.22	N.A.	21.00	21.00
Spotlight: Unity model pillar mounted.							
LH, 5".....	56	7W7	91.80	88.56	N.A.	108.00	108.00
LH, 6".....	56	7W8	91.80	88.56	N.A.	108.00	108.00
LH and RH, 6".....	56	7W9	183.60	177.12	N.A.	216.00	216.00
Suppression, Radio: Not available when RPO C60 air conditioning or optional antenna are specified...							
	42	7L1	36.55	35.26	N.A.	43.00	43.00
Switches:							
<i>Inoperative Door Jamb.</i> All standard door jamb switch locations. Dome light controlled by headlight switch on instrument panel only. Not available when RPO TR9 auxiliary lighting or SEO 6C6 rear door jamb switch are specified							
	42	7Y6	7.65	7.38	N.A.	9.00	9.00
<i>Rear Door Jamb.</i> Sedan only. For operation of dome light. Included when SEO 9C6 Taxi Equipment is ordered and priced.							
	49	6C6	19.55	18.86	N.A.	23.00	23.00
Taxi Equipment: Sedan only. Available only when SEO 7K3 70-amp Delcotron or SEO 7K4 80-amp Delcotron generator is ordered and priced. Includes SEO 6A3 HD front and rear mats, SEO 6C1 HD front seat, SEO 6C2 HD rear seat, SEO 6C6 rear door jamb switch, SEO 6R6 HD vinyl seamless trim in maroon or dark blue, SEO 7Y2 door ajar warning lamp, RPO F40 HD front and rear suspension, RPO V08 HD radiator and SEO 9L3 interior anti-corrosion protection. Package also includes reinforced frame, HD battery equivalent to 80-amps, higher gage vented wheels, engine durability features, fuel vapor return system with RPO LG4 engine, temperature controlled fan and front and rear semi metallic brake linings.							
With RPO LC3 3.8 Liter (2 BBL) V6 engine, 2.73 ratio rear axle and RPO NA5 Standard Emission Equipment	70	9C6	551.65	532.18	N.A.	649.00	649.00
With RPO LG4 5.0 Liter (4 BBL) V8 engine. Available only when RPO YF5 California Emission Equipment is specified.	70	9C6	551.65	532.18	N.A.	649.00	649.00
The following regular production options are not available when SEO 9C6 Taxi Equipment is specified:							
Optional wheel covers							
Transmission, Low Gear Block-Out: Sedan only. Available only when SEO 9C1 Police Chassis Equipment or SEO 9C6 Taxi Equipment is ordered and priced.							
	56	1K5	11.90	11.48	N.A.	14.00	14.00
Trunk Opener, Automatic: Sedan only. Minimum of 5 orders required. Electric type with control button on instrument panel adjacent to driver. Operational only when ignition switch is in ON position							
	49	6H5	50.15	48.38	N.A.	59.00	59.00

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

ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

Option Number	Description	Option Number	Description
AU3	DOOR LOCK SYSTEM, POWER	PB2	WHEEL TRIM: Wheel Covers, Sport
AU6	TAILGATE WINDOW RELEASE, POWER	P01	WHEEL TRIM: Wheel Covers, Full
AW9	SECURITY PACKAGE: Cargo Area	QVJ	TIRES: P195/75 R-14 White Stripe (Radial)
A01	GLASS, TINTED: All Windows	QVT	TIRES: P205/75 R-14 White Stripe (Radial)
A31	WINDOWS, POWER	QXX	TIRES: P205/75 R-14 Blackwall (Radial)
BS1	QUIET SOUND GROUP	QYD	TIRES: P185/75 R-14 Blackwall (Radial)
BW2	MOLDINGS: Body Side, Deluxe	QYE	TIRES: P185/75 R-14 White Stripe (Radial)
BX3	ESTATE EQUIPMENT	QYF	TIRES: P195/75 R-14 Blackwall (Radial)
B3W	PRELIMINARY PRICE INFORMATION	QYG	TIRES: P195/75 R-14 White Stripe (Radial)
B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear	TR9	LIGHTING, AUXILIARY
B39	FLOOR COVERING: Carpeting, Deluxe Load Floor	TT5	HEADLAMPS, HALOGEN HI-BEAM
B83	MOLDINGS: Rocker Panel	UA1	BATTERY, HEAVY-DUTY
B90	MOLDINGS: Side Window Reveal	UF7	GAGE PACKAGE WITH TRIP ODOMETER
B93	MOLDINGS: Door Edge Guard	UN3	RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape
B96	MOLDINGS: Wheel Opening	U05	HORNS, DUAL
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	U35	CLOCK: Quartz Electric
C49	DEFOGGER, REAR WINDOW: Electric	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
C51	AIR DEFLECTOR, REAR WINDOW	U63	RADIO EQUIPMENT: AM Radio
C60	AIR CONDITIONING	U69	RADIO EQUIPMENT: AM/FM Radio
D33	MIRROR: Outside Rearview, LH Remote Control	U73	RADIO EQUIPMENT: Fixed Mast Antenna
D35	MIRRORS: Sport, LH Remote and RH Manual	U81	RADIO EQUIPMENT: Speakers, Dual Rear
D60	NON-RECOMMENDED COLOR COMBINATION	VE5	BUMPER EQUIPMENT: Bumper Rub Strips
D84	PAINT: Custom Two-Tone	V08	COOLING, HEAVY-DUTY
D85	STRIPING, PIN: Body	V10	COLD CLIMATE PACKAGE
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	V30	BUMPER EQUIPMENT: Bumper Guards, Front and Rear
G80	AXLE, REAR: Limited Slip Differential	V55	CARRIER, ROOF
G84	AXLE, REAR: High Altitude Ratio	YF5	EMISSION SYSTEM: California Emission Requirements
G92	AXLE, REAR: Performance Ratio	ZJ7	WHEEL TRIM: Wheels, Rally
K05	HEATER, ENGINE BLOCK	14A	STRIPING: Silver
K35	SPEED CONTROL, AUTOMATIC: With Resume Speed	15M	ACCENT COLOR: Silver Metallic
LC3	ENGINE: 3.8 Liter 2 BBL V6	16A	STRIPING: Sand Gray
LD5	ENGINE: 3.8 Liter 2 BBL V6	26A	STRIPING: Lt Blue Metallic
LF9	ENGINE: 5.7 Liter Diesel V8	27M	ACCENT COLOR: Dk Blue Metallic
LG4	ENGINE: 5.0 Liter 4 BBL V8	41A	STRIPING: Lt Fern Metallic
LT6	ENGINE: 4.3 Liter Diesel V6	46A	STRIPING: Dk Fern Metallic
NA5	EMISSION SYSTEM: Standard Emission Equipment	48M	ACCENT COLOR: Dk Fern Metallic
NA6	EMISSION SYSTEM: High Altitude Emission Equipment	54A	STRIPING: Gold
N18	WHEEL COVER LOCKING PACKAGE	66A	STRIPING: Brown Metallic
N33	STEERING WHEEL: Comfortilt	✓ 67A	STRIPING: Dk Brown Metallic
N95	WHEEL TRIM: Wheel Covers, Wire	67M	ACCENT COLOR: Dk Brown Metallic
		77A	STRIPING: Maroon Metallic
		✓ 78A	STRIPING: Dk Maroon Metallic
		✓ 78M	ACCENT COLOR: Maroon Metallic

MALIBU SEDAN

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

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

Interior Trim Color		Dk Blue	Dk Brown	Fern	Maroon	Sand Gray
MODEL	SEAT TYPE					
1GW69	Vinyl Bench	VDD1	VEE1		VFF1	VQQ1
	Cloth Bench	CDD1	CEE1	CGG1	CFF1	CQQ1
	Custom Vinyl Bench (CL)	XDD1	XEE1		XFF1	XQQ1
	Custom Vinyl 55/45 (CL)	XDD3	XEE3		XFF3	XQQ3
	Custom Cloth Bench (CL)	FDD1	FEF1	FGG1	FFF1	FOO1
	Custom Cloth 55/45 (CL)	FDD3	FEF3	FGG3	FFF3	FOO3

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

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

Must be ordered

WITHOUT D84 CUSTOM TWO-TONE PAINT

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

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

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

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

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

MALIBU SEDAN

REFER WEEKLY STOPS/LATEST UPDATE

MODEL
1GW69 Malibu Sedan

ENGINES: **MUST ORDER ONE (See Power Teams)**

STANDARD EMISSION EQUIPMENT (Does Not Satisfy High Altitude Requirements)—REQUIRES NA5
 _____ LT6 4.3 Liter Diesel V6 (Reqs BS1 Quiet Sound Group and QVJ Tires) (V10 Cold Climate Package Recommended for use in Cold Climate Areas)
 _____ LF9 5.7 Liter Diesel V8 (Reqs BS1 Quiet Sound Group and QVJ Tires) (V10 Cold Climate Package Recommended for use in Cold Climate Areas)

STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5
 _____ LC3 3.8 Liter 2 BBL V6
 _____ LG4 5.0 Liter 4 BBL V8

HIGH ALTITUDE EMISSION EQUIPMENT—REQUIRES NA6
 _____ LC3 3.8 Liter 2 BBL V6 (Reqs G84 Axle) (FOR PERFORMANCE PURPOSES; NOT REQUIRED TO SATISFY HIGH ALTITUDE EMISSION REGULATIONS)
 _____ LT6 4.3 Liter Diesel V6 (Reqs BS1 Quiet Sound Group and V10 Cold Climate Package)
 _____ LF9 5.7 Liter Diesel V8 (Reqs C60 Air, BS1 Quiet Sound Group, V10 Cold Climate Package and QVJ Tires)

CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5
 _____ LD5 3.8 Liter 2 BBL V6
 _____ LG4 5.0 Liter 4 BBL V8
 _____ LF9 5.7 Liter Diesel V8 (Reqs BS1 Quiet Sound Group and QVJ Tires) (V10 Cold Climate Package Recommended for Use in Cold Climate Areas)

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

- _____ NA5 Standard Emission Equipment
- _____ NA6 High Altitude Emission Equipment
- _____ YF5 California Emission Requirements

✓ QUICK-SPEC

IF TIRE IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE OPTION.	2	2	2	2
Air Conditioning	C60	x	x	x
Glass, Tinted	A01	x	x	x
Moldings, Body Side Deluxe	BW2	x	x	x
Radio, AM	U63	x	N/I	N/I
Tires, P195/75 White Stripe	QVJ	x	x	x
Wheel Covers, Full	P01	x	x	N/I
Defogger, Rear Window Electric	C49	x	x	x
Mats, Color-Keyed Floor	B37	x	x	x
Mirror, LH Remote	D33	x	N/I	N/I
Moldings, Wheel Opening	B96	x	x	x
Radio, AM/FM Stereo	U58	x	x	x
Speed Control with Resume Speed	K35	x	x	x
Steering Wheel, Comfortilt	N33	x	x	x
Clock, Quartz Electric	U35	x	x	
Mirrors Sport, LH Remote and RH Manual	D35	x	x	
Moldings, Door Edge Guard	B93	x	x	
Moldings, Rocker Panel	B83	x	x	
Moldings, Side Window Reveal	B90	x	x	
Bumper Guards	V30	x		
Bumper Rub Strips	VE5	x		
Door Lock System, Power	AU3	x		
Lighting, Auxiliary	TR9	x		
Quiet Sound	BS1	x		
Wheels, Rally	ZJ7	x		
W/S Wiper System Intermittent	CD4	x		

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION	
230	C60	AIR CONDITIONING
	G84	AXLES, REAR: —High Altitude Ratio (Reqs NA6 Emissions and LC3 Eng)
	G80	—Limited Slip Differential
	G92	—Performance Ratio (Reqs LG4 or LF9 Eng)
	UA1	BATTERY, HEAVY-DUTY
		BUMPER EQUIPMENT: Front and Rear —Bumper Guards —Bumper Rub Strips
233	V30	CLOCK: Quartz Electric (Incl w/UF7 Gage Package)
233	VE5	COLD CLIMATE PACKAGE: (Reqs LT6 or LF9 Eng) (Incls UA1 Battery) (Recommended for use in Cold Climate Areas)
232	U35	
	V10	
	V08	COOLING, HEAVY-DUTY: (w/LT6 or LF9 Eng N/A C60 Air)
231	C49	DEFOGGER, REAR WINDOW: Electric
233	AU3	DOOR LOCK SYSTEM, POWER
231	B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
	UF7	GAGE PACKAGE WITH TRIP ODOMETER: (N/A LT6 or LF9 Eng) (Incls U35 Clock)
230	A01	GLASS, TINTED: All Windows
	TT5	HEADLAMPS, HALOGEN HI-BEAM
	K05	HEATER, ENGINE BLOCK: (N/A NA6 Emissions, LT6 or LF9 Eng) (Recommended for use in Cold Climate Areas)
	U05	HORNS, DUAL
233	TR9	LIGHTING, AUXILIARY
		MIRRORS: —Outside Rearview, LH Remote Control —Sport, LH Remote and RH Manual
231	D33	
232	D35	
		MOLDINGS: —Body Side, Deluxe (Black Color Molding Only) —Door Edge Guard —Rocker Panel —Side Window Reveal —Wheel Opening
230	BW2	PAINT, CUSTOM TWO-TONE: (Refer Page 2 for Exterior Paint Availability and Page 6 for Add'l Information)
232	B93	
232	B83	
232	B90	
231	B96	
	D84	
	B3W	PRELIMINARY PRICE INFORMATION
233	BS1	QUIET SOUND GROUP
		RADIO EQUIPMENT: —AM Radio —AM/FM Radio —AM/FM Stereo Radio —AM/FM Stereo Radio w/Stereo Cassette Tape —Speakers, Dual Rear (Reqs U63 or U69 Radio) (Incl w/U58 or UN3 Radio) —Fixed Mast Antenna (Incl w/U63, U69, U58 or UN3 Radio)
230	U63	
	U69	
231	U58	
	UN3	
	U81	
	U73	
231	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
231	N33	STEERING WHEEL: Comfortilt
	D85	STRIPING, PIN: Body (N/A D84 Paint) (Refer Page 6 for Stripe Color Application)
	F40	SUSPENSION EQUIPMENT: Heavy-Duty Front and Rear
		TIRES: (B/W: Blackwall, W/S: White Stripe) Fiberglass Belted Radial Ply —P185/75 R-14 B/W (Base) (N/A LF9 Eng) —P185/75 R-14 W/S (N/A LF9 Eng) Steel Belted Radial Ply —P195/75 R-14 W/S
230	QVJ	WHEEL COVER LOCKING PACKAGE: (Reqs N95 Wheel Covers)
	N18	
		WHEEL TRIM: —Wheel Covers, Full —Wheel Covers, Sport —Wheel Covers, Wire —Wheels, Rally
230	P01	
	PB2	
	N95	
233	ZJ7	
	A31	WINDOWS, POWER
233	CD4	WINDSHIELD WIPER SYSTEM: Intermittent

MALIBU WAGON

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

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

Interior Trim Color		Dk Blue	Dk Brown	Fern	Maroon	Sand Gray
MODEL	SEAT TYPE					
1GW35	Vinyl Bench	VDD1	VEE1		VFF1	VQQ1
	Cloth Bench	CDD1	CEE1	CGG1	CFF1	CQO1
	Custom Vinyl Bench (CL)	XDD1	XEE1		XFF1	XQQ1
	Custom Vinyl 55/45 (CL)	XDD3	XEE3		XFF3	XQQ3
	Custom Cloth Bench (CL)	FDD1	FEE1	FGG1	FFF1	FQQ1
	Custom Cloth 55/45 (CL)	FDD3	FEE3	FGG3	FFF3	FQQ3

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

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

Must be ordered

WITHOUT D84 CUSTOM TWO-TONE PAINT

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

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

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

ENGINE OPTION CONDITION	AXLE RATIO			
	2.29	2.41	2.73	3.08
WITH NA5 STANDARD EMISSIONS				
*LC3	—	Std	—	—
*LG4	—	Std	—	G92
WITH NA5 STANDARD OR NA6 HIGH ALTITUDE EMISSIONS				
LF9	Std	—	G92	—
WITH NA6 HIGH ALTITUDE EMISSIONS				
LC3	—	—	G84	—
WITH YF5 CALIFORNIA EMISSIONS				
LD5	—	—	Std	—
LG4	—	Std	—	G92
LF9	Std	—	G92	—

*Satisfies High Altitude Emission Requirements

MALIBU WAGON

REFER WEEKLY STOPS/LATEST UPDATE

MODEL				
1GW35	Malibu Wagon			
ENGINES: MUST ORDER ONE (See Power Teams)				
STANDARD EMISSION EQUIPMENT (Does Not Satisfy High Altitude Requirements)—REQUIRES NA5				
_____	LF9	5.7 Liter Diesel V8 (Reqs BS1 Quiet Sound Group and QVT or QXX Tires) (V10 Cold Climate Package Recommended for Use in Cold Climate Areas)		
STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5				
_____	LC3	3.8 Liter 2 BBL V6		
_____	LG4	5.0 Liter 4 BBL V8		
HIGH ALTITUDE EMISSION EQUIPMENT—REQUIRES NA6				
_____	LC3	3.8 Liter 2 BBL V6 (Reqs G84 Axle) (FOR PERFORMANCE PURPOSES; NOT REQUIRED TO SATISFY HIGH ALTITUDE EMISSION REGULATIONS)		
_____	LF9	5.7 Liter Diesel V8 (Reqs C60 Air, BS1 Quiet Sound Group, V10 Cold Climate Package and QVT or QXX Tires)		
CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5				
_____	LD5	3.8 Liter 2 BBL V6		
_____	LG4	5.0 Liter 4 BBL V8		
_____	LF9	5.7 Liter Diesel V8 (Reqs BS1 Quiet Sound Group and QVT or QXX Tires) (V10 Cold Climate Package Recommended for use in Cold Climate Areas)		
EMISSION SYSTEMS: MUST ORDER ONE (See Above)				
_____	NA5 Standard Emission Equipment			
_____	NA6 High Altitude Emission Equipment			
_____	YF5 California Emission Requirements			
✓ QUICK-SPEC				
IF TIRE IN QUICK-SPEC IS NOT DESIRED YOU MUST *PLUS* ANOTHER TIRE OPTION.	2	2	2	2
	3	3	3	3
	5	6	7	8
	B	C	C	B
Air Conditioning	C60	x	x	x
Carrier, Roof	V55	x	x	x
Glass, Tinted	A01	x	x	x
Mirror, LH Remote	D33	x	N/1	N/1
Radio, AM	U63	x	N/1	N/1
Tires, P195/75 White Stripe (QVT W/LF9 Eng)	QVJ	x	x	x
Wheel Covers, Full	P01	x	x	N/1
Defogger, Rear Window Electric	C49	x	x	x
Mats, Color-Keyed Floor	B37	x	x	x
Mirrors Sport, LH Remote and RH Manual	D35	x	x	x
Moldings, Body Side Deluxe (w/o BX3 Estate)	BW2	x	x	x
Radio, AM/FM Stereo	U58	x	x	x
Speed Control with Resume Speed	K35	x	x	x
Air Deflector, Rear Window	C51	x	x	
Carpeting, Load Floor	B39	x	x	
Clock, Quartz Electric	U35	x	x	
Door Lock System, Power	AU3	x	x	
Moldings, Side Window Reveal	B90	x	x	
Moldings, Wheel Opening	B96	x	x	
Steering Wheel, Comfortilt	N33	x	x	
Tailgate Release, Power	AU6	x	x	
Bumper Guards	V30	x		
Bumper Rub Strips	VE5	x		
Lighting, Auxiliary	TR9	x		
Moldings, Door Edge Guard (w/o BX3 Estate)	B93	x		
Moldings, Rocker Panel	B83	x		
Quiet Sound	BS1	x		
Wheels, Rally	ZJ7	x		
W/S Wiper System, Intermittent	CD4	x		

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q.S.	OPTION	
235	C60	AIR CONDITIONING
237	C51	AIR DEFLECTOR, REAR WINDOW
	G84	AXLES, REAR: —High Altitude Ratio (Reqs NA6 Emissions and LC3 Eng)
	G80	—Limited Slip Differential
	G92	—Performance Ratio (Reqs LG4 or LF9 Eng)
	UA1	BATTERY, HEAVY-DUTY
238	V30	BUMPER EQUIPMENT: Front and Rear
238	VE5	—Bumper Guards
235	V55	—Bumper Rub Strips
237	U35	CARRIER, ROOF
	V10	CLOCK: Quartz Electric (Incl w/UF7 Gage Package)
	V08	COLD CLIMATE PACKAGE: (Reqs LF9 Eng) (Incls UA1 Battery) (Recommended for use in Cold Climate Areas)
236	C49	COOLING, HEAVY-DUTY: (w/LF9 Eng N/A C60 Air)
237	AU3	DEFOGGER, REAR WINDOW: Electric
	BX3	DOOR LOCK SYSTEM, POWER
	B39	ESTATE EQUIPMENT: (N/A D85 Striping, B93 or BW2 Mldgs)
237	B37	FLOOR COVERING:
236	UF7	—Carpeting, Deluxe Load Floor
	A01	—Mats, Color-Keyed Floor. Front and Rear
235	TT5	GAGE PACKAGE WITH TRIP ODOMETER: (N/A LF9 Eng) (Incls U35 Clock)
	K05	GLASS, TINTED: All Windows
	U05	HEADLAMPS, HALOGEN HI-BEAM
238	TR9	HEATER, ENGINE BLOCK: (N/A LF9 Eng or NA6 Emissions) (Recommended for use in Cold Climate Areas)
235	D33	HORNS, DUAL
236	D35	LIGHTING, AUXILIARY
	BW2	MIRRORS:
	B93	—Outside Rearview. LH Remote Control
238	B83	—Sport, LH Remote and RH Manual
237	B90	MOLDINGS:
237	B96	—Body Side, Deluxe (N/A BX3 Estate) (Black Color Molding Only)
	D84	—Door Edge Guard (N/A BX3 Estate)
	B3W	—Rocker Panel
238	BS1	—Side Window Reveal
	U63	—Wheel Opening (N/A BX3 Estate)
236	U69	PAINT, CUSTOM TWO-TONE: (N/A BX3 Estate) (Refer Page 4 for Exterior Paint Availability and Page 6 for Add'l Information)
	U58	PRELIMINARY PRICE INFORMATION
	UN3	QUIET SOUND GROUP
	U81	RADIO EQUIPMENT:
	U73	—AM Radio
236	AW9	—AM/FM Radio
	K35	—AM/FM Stereo Radio
237	N33	—AM/FM Stereo Radio w/Stereo Cassette Tape
	D85	—Speakers, Dual Rear (Reqs U63 or U69 Radio) (Incl w/U58 or UN3 Radio)
237	AU6	—Fixed Mast Antenna (Incl w/U63, U69, U58 or UN3 Radio)
	QYF	SECURITY PACKAGE: Cargo Area
	QYG	SPEED CONTROL, AUTOMATIC: With Resume Speed
235	QVJ	STEERING WHEEL: Comfortilt
	QXX	STRIPING, PIN: Body (N/A D84 Paint) (Refer Page 6 for Stripe Color Application)
	QVT	TAILGATE WINDOW RELEASE, POWER
	N18	TIRES: (B/W: Blackwall, W/S: White Stripe) Fiberglass Belted Radial Ply
	P01	—P195/75 R-14 B/W (Base) (N/A LF9 Eng)
	PB2	—P195/75 R-14 W/S (N/A LF9 Eng)
	N95	—P195/75 R-14 W/S (N/A LF9 Eng)
238	ZJ7	—P205/75 R-14 B/W (Reqs LF9 Eng)
	A31	—P205/75 R-14 W/S (Reqs LF9 Eng)
238	CD4	WHEEL COVER LOCKING PACKAGE: (Reqs N95 Wheel Covers)
		WHEEL TRIM:
		—Wheel Covers, Full
		—Wheel Covers, Sport
		—Wheel Covers, Wire
		—Wheels, Rally
		WINDOWS, POWER
		WINDSHIELD WIPER SYSTEM: Intermittent.

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

INTERIOR TRIM COLOR

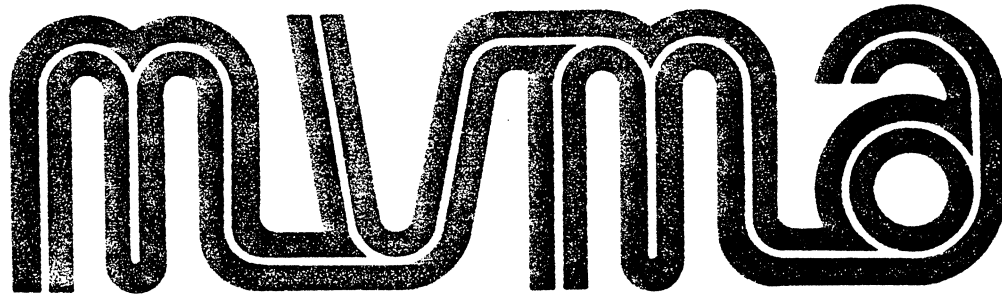
EXTERIOR PAINT COLOR	DARK BLUE	DARK BROWN	FERN	MAROON	SAND GRAY
BEIGE 59 Stripe		R DK BROWN MET		A MAROON MET	
BLACK 19 Stripe				R MAROON MET	R SILVER
BLUE, DARK (MET) 27 Stripe	R LT BLUE MET				
BLUE, LIGHT (MET) 22 Stripe	R LT BLUE MET				
BROWN, DARK (MET) 67 Stripe		R BROWN MET			
BROWN, LIGHT (MET)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

R= Recommended Combination
A= Acceptable Combination

When D60 Non-Recommended Color Combination is specified or if the color of the stripe shown in the above chart is not desired, order one of the following options.
14A=Silver; 16A=Sand Gray;
26A=Lt Blue Met; 41A=Lt Fern Met;
46A=Dk Fern Met; 54A=Gold; 66A=Brown Met;
67A=Dk Brown Met; 77A=Maroon Met; 78A=Dk Maroon Met

✓ **WITH D84 CUSTOM TWO-TONE PAINT (NO SUBSTITUTES ALLOWED)**
STRIPE COLOR —INCLUDED

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



Specifications

Form

Passenger Car

1983

METRIC (U.S. Customary)

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

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

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

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

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Table of Contents

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

NOTE:

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

MONTE CARLO SS

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

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

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

Car Models

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

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

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

Power Teams (Indicate whether standard or optional)

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

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

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

* S-Single D-Dual

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

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

Engine Description/Carb.
 Engine Code

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

ENGINE - GENERAL

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

Engine - Pistons

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

Engine - Camshaft

Location	In block above crankshaft		
Material (kg., weight, lbs.)	Cast alloy iron		
Mass (kg., weight, lbs.)	3.171 (6.99)	3.097 (6.83)	3.969 (8.75)
Type of drive (chain or belt)	Width	15.87 (.625) Chain	22.23 (.875)
	Pitch	12.7 (.500)	9.53 (.375)
			12.7 (.500)

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

ENGINE - GENERAL

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

Engine - Pistons

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

Engine - Camshaft

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

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

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

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

Aluminum Intake

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Valve System

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

Engine - Connecting Rods

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

Engine - Crankshaft

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

Engine - Lubrication System

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

Engine - Diesel Information

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

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

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

Engine Description/Carb.
 Engine Code

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

Engine - Valve System

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

Engine - Connecting Rods

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

Engine - Crankshaft

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

Engine - Lubrication System

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

Engine - Diesel Information

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

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

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

Engine Description/Carb.
 Engine Code

3.8 L V6 (229 CID) 2-Bbl. CARBURETOR RPO LC3	3.8 L V6 (231 CID) 2-Bbl. CARBURETOR RPO LD5	5.0 L V8 (305 CID) 4-Bbl. CARBURETOR RPO LG4
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Engine - Fuel System (See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

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

Fuel Tank

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

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

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

Engine Description/Carb.
 Engine Code

4.3 LITER V6 (262 CID) FUEL INJECTION DIESEL RPO LT6	5.7 LITER V8 (350 CID) FUEL INJECTION DIESEL RPO LF9
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Engine - Fuel System (See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

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

Fuel Tank

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

Passenger Car
METRIC (U.S. Customary)

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

Engine Description/Carb.
Engine Code

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

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

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

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

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

Engine - Cooling System

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single w/crossover		
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow		
Resonator no & type		None		
Exhaust pipe	Branch o.d. wall thickness	50.8x1.15(2.0x.045)(a)	50.8x.8(2.0x.03)	50.8x1.15(2.0x.045)(
	Main o.d. wall thickness	57.15x1.02(2.25x.040)		
	Material	laminated-stainless steel outer, steel inner.*		
Intermediate pipe	o.d & wall thickness	57.15x1.40(2.25x.057)	50.8x1.09(2.0x.043)	57.15x1.06(2.25x.042
	Material	Aluminum coated steel		laminated steel tubing
Tail pipe	o.d & wall thickness	50.8x1.09(2.0x.043)		57.15x1.39(2.25x.055
	Material	Aluminum coated steel		

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

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

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

Engine Description/Carb.
 Engine Code

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

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Electrical - Starting System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Electrical - Supply System

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

Electrical - Starting System

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

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

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

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

Engine Description/Carb.
 Engine Code

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

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

Electrical - Suppression

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

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

*Station wagon 5931 (919.5)

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

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

Engine Description/Carb.
 Engine Code

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

Electrical - Ignition System

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

Electrical - Suppression

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

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

*Station wagon 5931 (919.5)

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

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

Engine Description/Carb.
 Engine Code

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

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

Manual Transmission

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

Clutch (Manual Transmission)

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

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

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

Engine Description/Carb.
 Engine Code

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

Transmissions

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

Manual Transmission

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

Clutch (Manual Transmission)

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

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

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

Engine Description/Carb.
 Engine Code

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

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

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

Axle or Front Wheel Drive Unit

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Automatic Transmission

(See "Power Teams" for Transmission Usage)

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

Axle or Front Wheel Drive Unit

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

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Propeller Shaft — Conventional Drive

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

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

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

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

Engine Description/Carb.
 Engine Code

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

Propeller Shaft – Conventional Drive

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

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

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

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

Engine Description/Carb.
 Engine Code

MONTE CARLO COUPE & MALIBU

Tires And Wheels (Standard)

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

Tires And Wheels (Optional)

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

Brakes - Parking

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

@ - Not available with sport suspension, RPO F41.

+ - Requires sport suspension, RPO F41.

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

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

Engine Description/Carb.
 Engine Code

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

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

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

Tires And Wheels (Optional)

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

Brakes - Parking

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

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

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

Body Type And/Or
 Engine Displacement

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

Brakes - Service

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

* Excludes rivet holes, grooves, chamfers, etc.

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

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

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

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

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

Body Type And/Or
 Engine Displacement

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

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

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

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

Body Type And/Or
 Engine Displacement

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

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

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

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

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

Body Type And/Or
 Engine Displacement

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

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

Suspension - Front

Optional air shocks available El Camino - rear

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

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

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

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

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

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

Body - Miscellaneous Information

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

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

Passive Restraint System

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

Frame

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

FEATURE HIGHLIGHTS

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

BODY:

CHASSIS:

ENGINE:

ELECTRICAL:

OTHER:

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

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

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

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

MVMA Specifications Form

Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

Width

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

Length

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

Height **

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

Ground Clearance **

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

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

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

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

MVMA Specifications Form Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

Front Compartment

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

Rear Compartment

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

Luggage Compartment

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

All linear dimensions are in millimeters (inches).

** EPA Loaded Vehicle Weight, Loading Conditions

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

MVMA Specifications Form
Passenger Car

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

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

Station Wagon - Cargo Space

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

Hatchback - Cargo Space

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

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

All dimensions are in millimeters (inches).

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

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

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

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location				
Front	X - Fiducial mark to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.				
	Y - Fiducial mark to centerline of car-front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt.				
	Z - Fiducial mark to horizontal base grid line-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.				
Rear	X - Fiducial mark to vertical base grid line-rear measured horizontally from base grid line to the rear fiducial mark located on rear underbody crossbar.				
	Y - Fiducial mark to centerline of car-rear, width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar.				
	Z - Fiducial mark to horizontal base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar.				
Fiducial Mark Number	W21	564.0 (22.0)			
	L54	2761.0 (108.7)			
	H81	490.0 (19.3)			
	H161	341.5 (13.4)	350.0 (13.8)		
	** H163	322.0 (12.6)	329.0 (12.9)	333.0 (13.1)	
	Rear	W22	534.0 (21.0)	560.0 (22.1)	586.0 (23.1)
L55		5338.0 (210.2)	5345.0 (210.4)	5650.0 (222.4)	
H82		617.0 (24.3)	617.0 (24.3)	671.0 (26.4)	
H162		468.0 (18.4)	492.0 (19.3)		
** H164		449.2 (17.7)	470.0 (18.5)	475.0 (18.7)	532.0 (20.9)

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

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line MONTE CARLO - MALIBU - EL CAMINO

Model Year 1983 Issued 7-23-82 Revised (*) 9-82

Body Type

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

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

Lamps and Headlamp Shape*

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

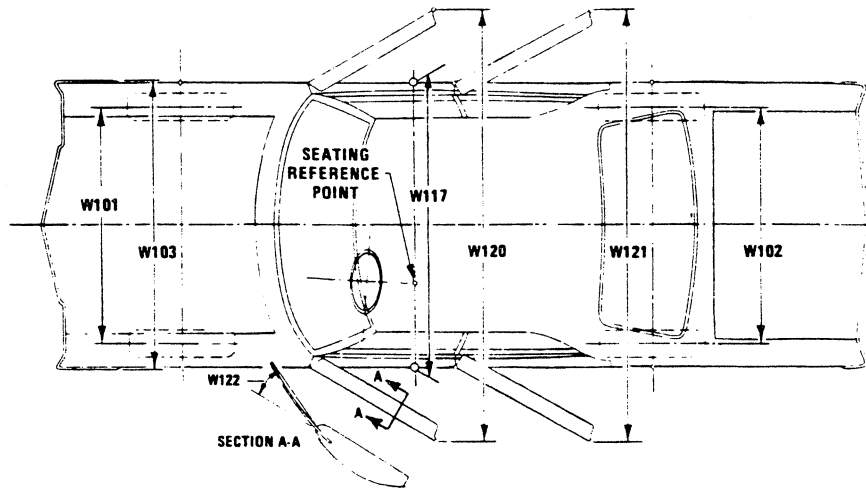
* Measured at curb mass (weight).

** If single lamps are used enter here.

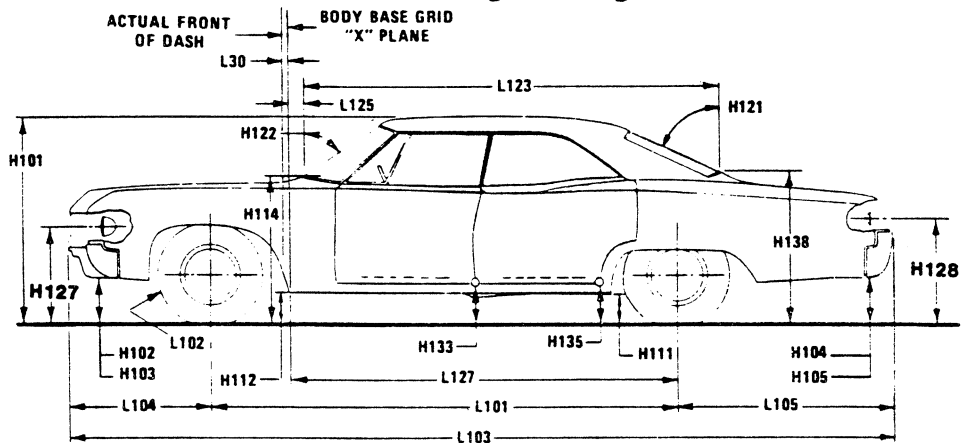
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

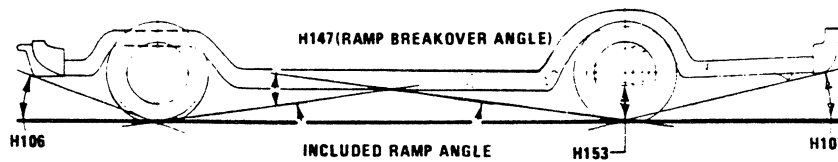
Exterior Width



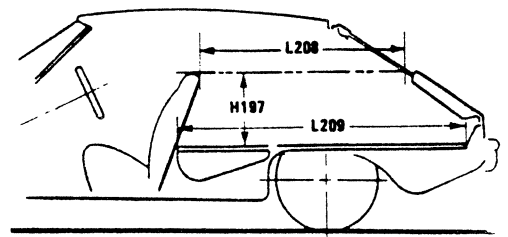
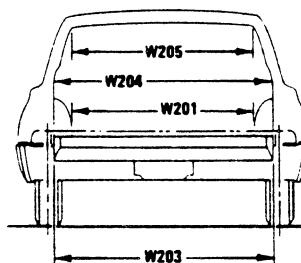
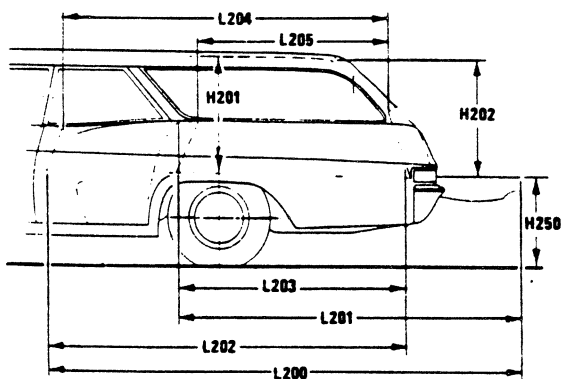
Exterior Length & Height



Exterior Ground Clearance



Cargo Space



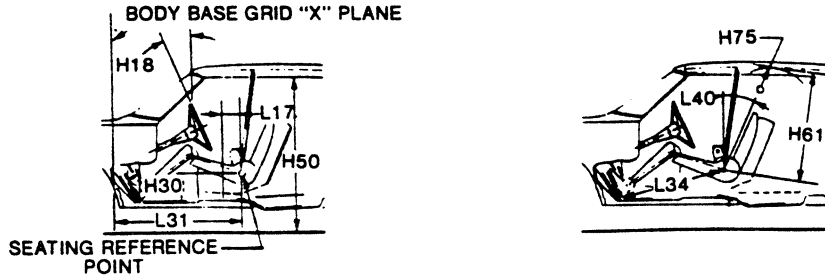
Hatchback

Station Wagon

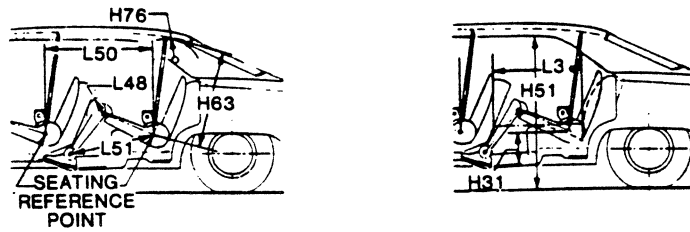
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

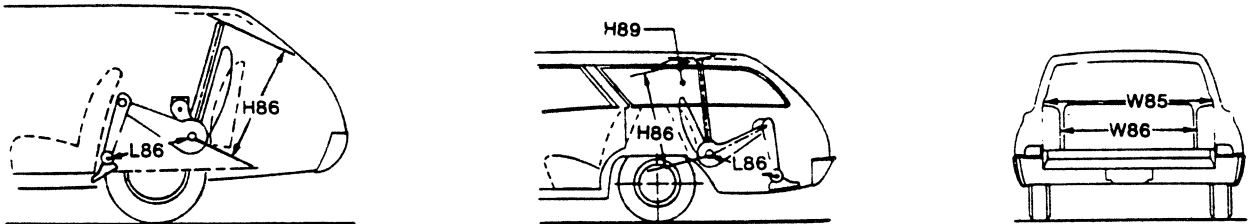
Front Compartment



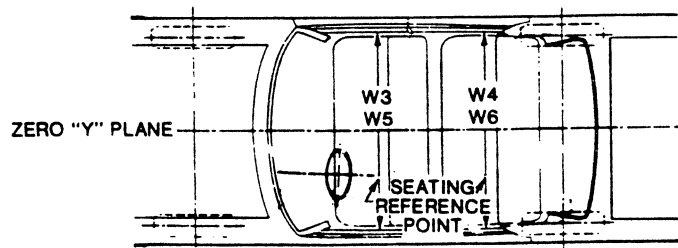
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Exterior Car And Body Dimensions — Key Sheet— Dimensions Definitions

Seating Reference Point

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

- Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- Has coordinates established relative to the design vehicle structure;
- Simulates the position of the pivot center of the human torso and thigh; and
- Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

- L105 OVERHANG—REAR The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

Width Dimensions

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

Length Dimensions

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

Height Dimensions

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

Ground Clearance Dimensions

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

- H103 FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
- H105 REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Front Compartment Dimensions

- PD1 PASSENGER DISTRIBUTION—FRONT.
- L31 SgRP—FRONT "X" COORDINATED.
- H61 EFFECTIVE HEAD ROOM—FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP—front to the headlining plus 102 mm (4.0 in.).
- H75 EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).
- L34 MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP—front plus 254 mm (10.0 in.) measured with right foot on the un-depressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- H30 SgRP—FRONT TO HEEL. The dimension measured vertically from the SgRP—front to the accelerator heel point.
- L17 DESIGN H-POINT—FRONT TRAVEL. The dimension measured horizontally between the design H-point—front in the foremost and rearmost seat trace positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP—front and 76 mm (3.0 in.) fore and aft the SgRP—front.
- H150 UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.

- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- L40 BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

- PD2 PASSENGER DISTRIBUTION—SECOND.
- L50 SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to the SgRP—second.
- H63 EFFECTIVE HEAD ROOM—SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
- H76 EFFECTIVE T-POINT HEAD ROOM—SECOND. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM—SECOND. The dimension measured along a line from the ankle pivot center to the SgRP—second plus 254 mm (10.0 in.).
- H31 SgRP—SECOND TO HEEL. The dimension measured vertically from the SgRP—second to the two dimensional device heel point on the depressed floor covering.
- L48 KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
- L3 COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND—SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP—second.

Luggage Compartment Dimensions

- V1 USABLE LUGGAGE CAPACITY—Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.
- H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Station Wagon — Third Seat Dimensions

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

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

Interior Car And Body Dimensions — Key Sheet
Dimensions Definitions

Station Wagon — Cargo Space Dimensions

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

- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.
- H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
- H250 TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
- V2 STATION WAGON
 Measured in inches:

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

 Measured in mm:

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

Hatchback — Cargo Space Dimensions

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

- H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.
- L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.
- L209 CARGO LENGTH AT FLOOR—FRONT—HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
- V3 HATCHBACK.
 Measured in inches:

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

 Measured in mm:

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Index

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

SUPPLEMENTAL PAGE

Car Line _____

Model Year: _____ Issued _____ Revised (•) _____