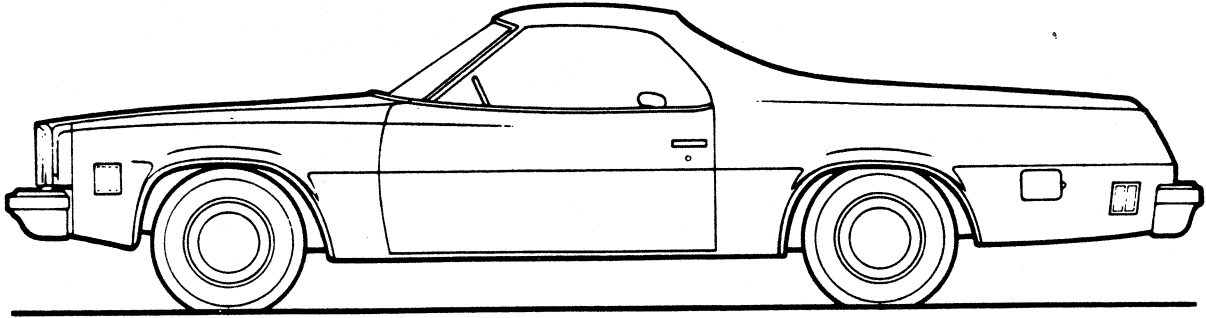


EL CAMINO

EL CAMINO MODEL SELECTOR



MODEL NUMBER	
STANDARD	CLASSIC
1AC80	1AD80

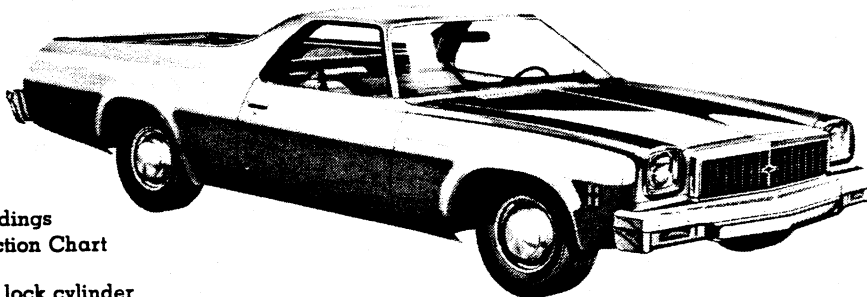
EL CAMINO

STANDARD EL CAMINO MODEL

The Standard model includes the following items as standard equipment.

EXTERIOR

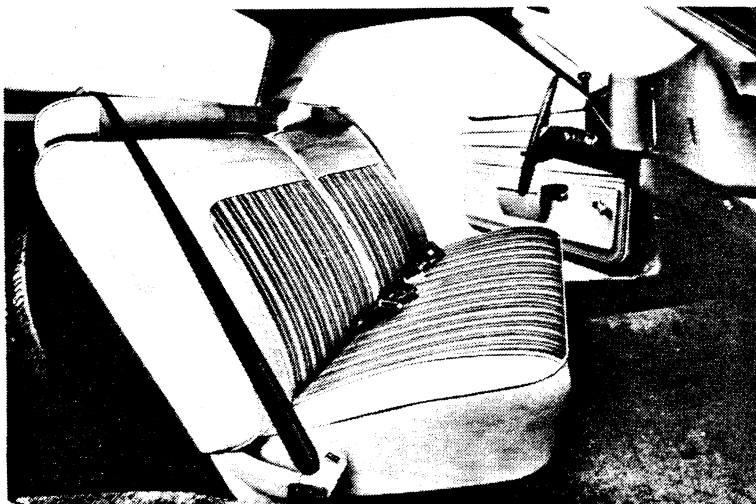
- **Bright Appearance Items:**
 - Chevrolet emblem: On center of grill header panel
 - "El Camino" nameplates: Sides of front fenders and lower RH side of tailgate
 - Chrome front and rear bumpers
 - Door lock handles
 - Door lock cylinder covers
 - Grille outer edge moldings
 - Headlight bezels
 - Hood molding
 - Hub caps
 - LH side rearview mirror
 - Side door belt moldings
 - Tailgate and pickup box belt moldings
 - Windshield and back window reveal moldings
- **Color:** See Interior and Exterior Color Selection Chart
- **Door Opening and Locking Methods:**
 - Side doors; lift bar latch release with key lock cylinder
 - Tailgate; single handle double latch
- **Doors:** RH and LH side doors and tailgate
- **Glass:** Windshield, drop glass in each side door, and back glass
- **Grille:** Plastic grid; painted argent
- **Horn:** Single "D" note
- **Lights:**
 - Backup lights
 - Combination parking/direction. Two front; single lens
 - Combination tail/stop/direction/side marker. Two rear Class A
 - Headlights. Two; Power Beam
 - License plate. Single rear
 - Side marker and reflectors. 2 front and 2 rear



- **Mirror:** LH chrome fixed arm with 5" rectangular head
- **Side Door Beams:** Steel beam running full width inside each side door
- **Tools:** Mechanical jack; wheel wrench
- **Undercoating:** Partial under body and full under wheelhouses
- **Wheels:** Painted body color
- **Windshield Wipers and Washers:** Electric; 2-speed wipers Hide-A-Way blades and arms

INTERIOR

- **Air Vents:** RH and LH cowl side; individually controlled
- **Armrests:** RH and LH full depth
- **Ashtray**
- **Bright Metal Items:**
 - Control knobs with black accents
 - Seat back latch and adjuster knobs
 - Window regulator knobs
- **Carpeting:** Color-keyed nylon cut pile
- **Cigarette Lighter**
- **Colors, Interior:**
 - Paint: Same as exterior main color choice
 - Trim: Black
- **Courtesy Light Switches:** Door-actuated dome light
- **Door Locks:** Inside; pushbutton lock/release
- **Door Seals:** Closed-cell-type rubber
- **El Camino Emblem Nameplate:** On instrument panel
- **Flow-through ventilation system**
- **Headliner:** Deluxe vinyl coated
- **Heater and Defogger:** Deluxe-air
- **Instruments:**
 - Gauges: Speedometer, odometer and fuel
 - Switches: Exterior lights, instrument lights, dome light, wiper-washer, headlight beam (foot), ignition, directional signal with lane change position, hazard warning and heater
 - Warning Lights: Generator, oil pressure, engine temperature, brake warning, seat belt, direction signals and high beam
- **Instrument Panel:** Fiberglass filled plastic; energy absorbing
- **Instrument Panel Knobs:** Marked with function symbols
- **Insulation and Sound Deadening:** Dash (firewall), under floor mat and other strategic points
- **Interior Lights:** Instrument and dome operated by main light switch



- **Mirror, Rearview:** Inside; 12" wide
- **Scuff Plates:** Side door opening protection and floor mat retainer
- **Seat:** Full width, choice of cloth or textured all-vinyl trim
- **Seat and Shoulder Belts:** 3 sets of seat belts; 2 shoulder belts in outboard positions; includes warning light and buzzer
- **Spare Tire and Carrier:** Black vinyl cover, located behind seat on passenger side
- **Steering Lock:** Column-mounted combination ignition switch, transmission lock, steering lock and accessory switch
- **Steering Wheel:** Black grained plastic with soft rim; brushed chrome insert with "Chevrolet" name; energy absorbing, locking column
- **Sunshades:** RH and LH padded vinyl
- **Trim Panels:** Vinyl door trim panels with bright trim, vinyl-coated cowl side panels and vinyl-coated headliner
- **Warning Buzzer:** Ignition key removal warning; activated by opening side door with key in switch; seat belt
- **Window Regulator Knobs:** Bright metal
- **Windshield Pillar Pads**

EL CAMINO EL CAMINO CLASSIC MODEL

The Classic model includes all items listed for the Standard model plus the following additions or substitutions.



Optional wheel covers and white stripe tires shown in illustration

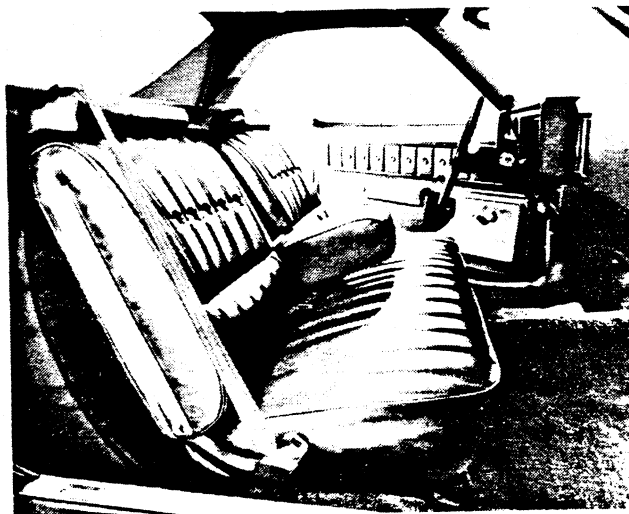
EXTERIOR

- **Bright Appearance Items:**
 "Classic" nameplate on side of each front fender (below "El Camino" plate)
 Lower body sill moldings
 Wheel opening moldings
 Roof drip moldings

- **Grille:** light weight, chrome radiator grille
- **Headlights:** Dual rectangular

INTERIOR

- **Instrument Cluster:** Rosewood pattern woodgrain insert
- **Instrument Panel Crown Pad and dull paint finish**
- **Mirror, Rearview:** Black finish on back and support
- **Seat:** Full-width with custom vinyl trim; fold-down center armrest
- **Trim Panels, Door:** Vinyl and cloth

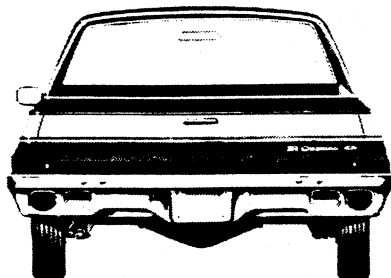
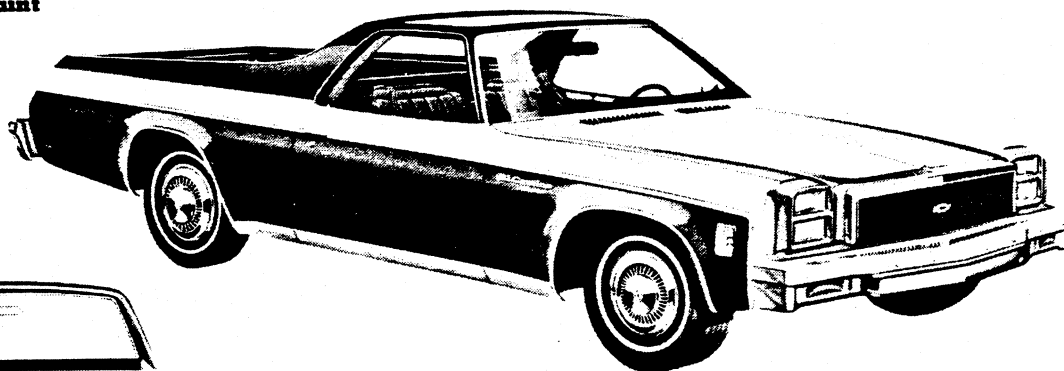


EL CAMINO CLASSIC WITH CONQUISTA OPTION—RPO D91

(This option includes all items listed for the Classic model plus the following additions or substitutions)

EXTERIOR

- **Bright front fender, bodyside and tailgate moldings**
- **Special two-tone paint**



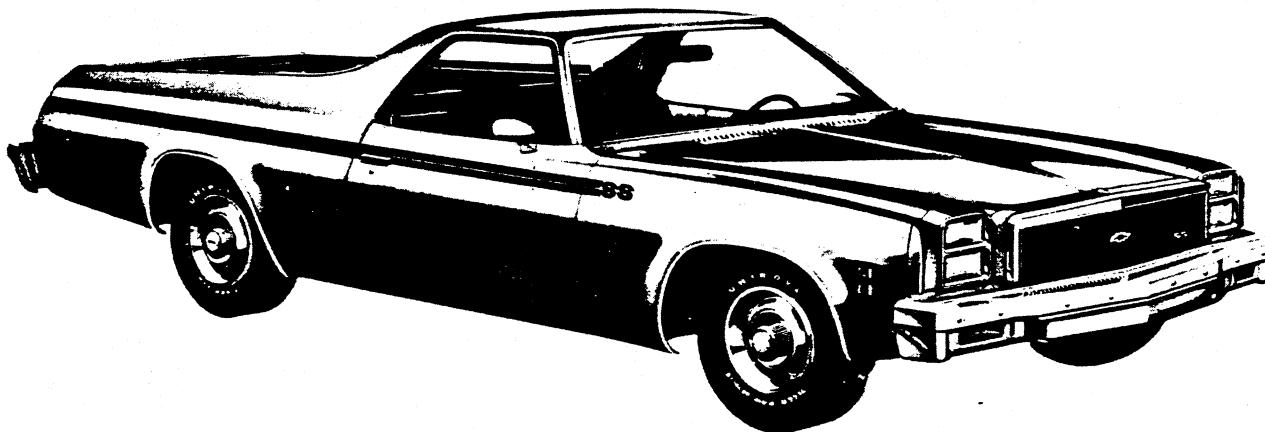
EL CAMINO

EL CAMINO CLASSIC WITH SS OPTION—RPO Z15

This option includes all items listed for the Classic model plus the following additions, deletions, or substitutions.

EXTERIOR

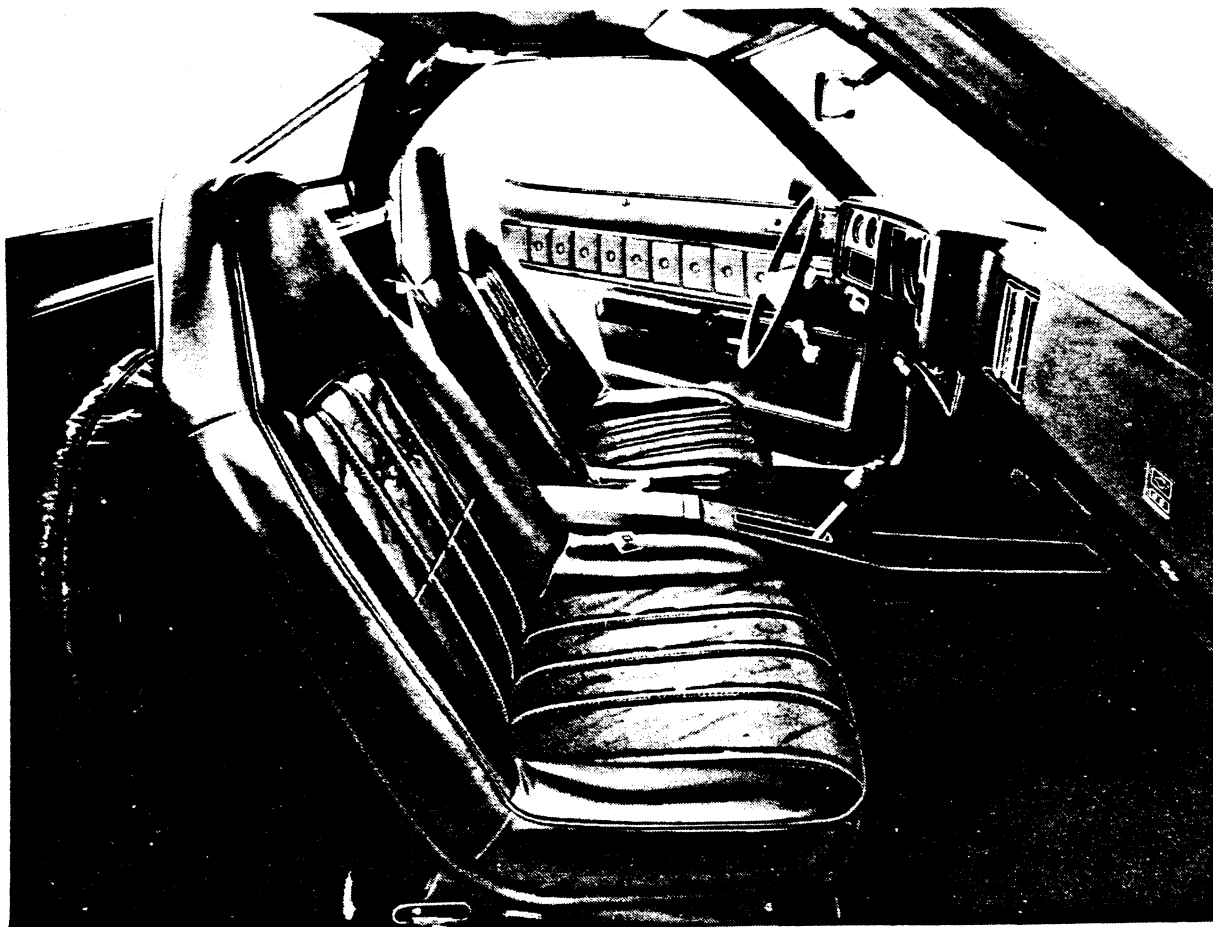
- **Bright Appearance Items:**
 - "SS" emblem on grille
 - "El Camino" nameplates on front fender sides (including "Classic") deleted. Lower body sill molding deleted
- **Mirrors:** Body color sport type; LH remote control, RH manual
- **Rally Wheels:** 15" x 7"
- **Stripes:** Upper body side and tailgate (with "SS" emblems on upper rear of front fenders and on tailgate)
- **Tires:** GR70-15 radial ply white-lettered



INTERIOR

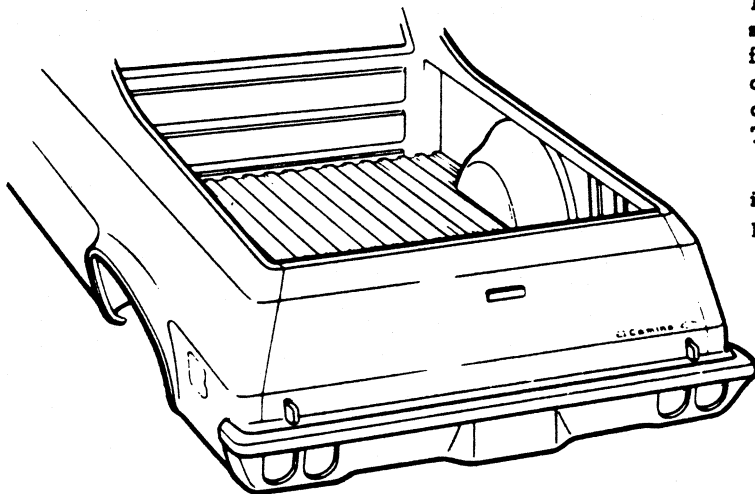
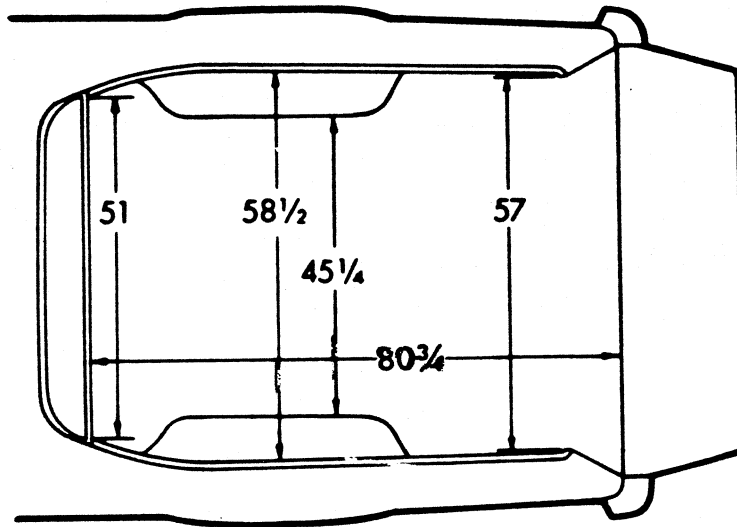
- **"SS" Emblem Nameplate:** On instrument panel

Optional Bucket Seats shown in illustrations



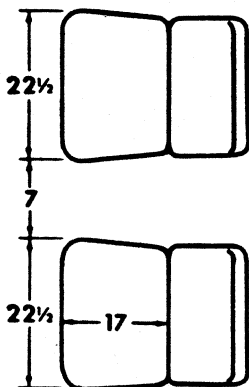
EL CAMINO

DIMENSIONS

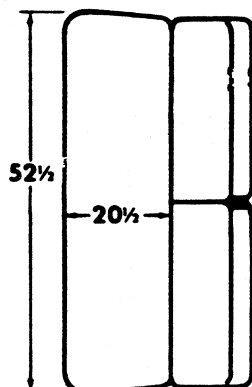


The El Camino pickup box features double-wall construction on the side panels and a ribbed all-steel floor. The tailgate, featuring easy, one-hand operation, also has double-wall construction and forms a continuation of the ribbed floor when lowered. The pickup box has a capacity of 38 cubic feet.

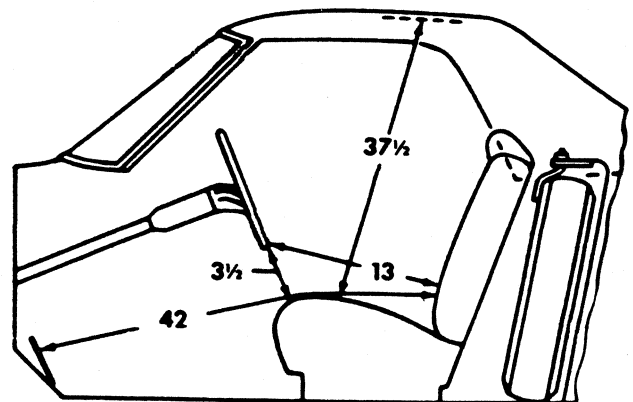
All El Camino models have a bright metal molding at the top of the box and tailgate to prevent paint chipping when loading or unloading.



BUCKET SEATS



STANDARD BENCH SEAT



CAB DIMENSIONS *

EL CAMINO

INTERIOR AND EXTERIOR COLOR SELECTION CHART

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

CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim), in order to avoid undesirable combinations.

VINYL ROOF	CODE	EXTERIOR COLOR AVAILABILITY	
		RECOMMENDED	ACCEPTABLE
Black	BB	11, 13, 19, 22, 50, 61, 63 or 78	29, 36, 44, 48 or 72
Blue, Light (Metallic)	DD	11, 22 or 29 only	
Buckskin, Light	UU	11, 19, 48, 61, 63, 69 or 78	36, 44 or 72
Firethorn (Metallic)	FF	36	11
Green, Medium (Metallic)	GG	11, 44 or 48	
Silver	QQ	13 or 19	11, 29, 36 or 72
White	WW	All except 13	13

INTERIOR TRIM COLORS AND CODES

Seat, Headliner and Door Trim Color		Black	Blue	Buckskin	Firethorn	White	White	White	White
Instrument Panel Pad and Carpet Color		Black	Blue	Saddle	Firethorn	Black	Blue	Firethorn	Green
MODEL	SEAT TYPE								
El Camino	Sport Cloth Bench	JBB1	JDD1	JUS1					
	Vinyl Bench	VBB1		VUS1					
El Camino Classic (Without Conquista Option)	Knit Cloth Notchback Bench		PDD5	PUS5	PFF5				
	Vinyl Notchback Bench	VBB5	VDD5	VUS5	VFF5	VWB5	VWD5	VWF5	VWG5
	Vinyl Bucket	VBB2	VDD2	VUS2	VFF2	VWB2	VWD2	VWF2	VWG2

EXTERIOR COLORS	COLOR CODE											
	Lower	Upper	Two-Tone									
Black	19	19	—		R	A	R	R	R		R	
Blue, Dark (Metallic)	29	29	22		A	R			A	R		
Blue, Light (Metallic)	22	22	11		R	R			A	R		
Blue-Green, Dark (Metallic)	48	48	44		A		R		A			R
Brown (Metallic)	69	69	61				R		A			
Buckskin, Light	61	61	—		R		R	R	A			
Buckskin (Metallic)	63	63	—		R		R		A			
Cream Gold	50	50	—		R				R			
Firethorn (Metallic)	36	36	—		A		R	R	A		R	
Green, Medium (Metallic)	44	44	11		A		A		A			R
Orange (Metallic)	78	78	11		R		R		R			
Red, Medium	72	72	11		A		R	R	A		R	
Silver	13	13	—		R			R	R			
White, Antique	11	11	—		R	R	R	R	R	R	R	R

R—Recommended
A—Acceptable

EL CAMINO CONQUISTA

INTERIOR AND EXTERIOR COLOR COMBINATIONS

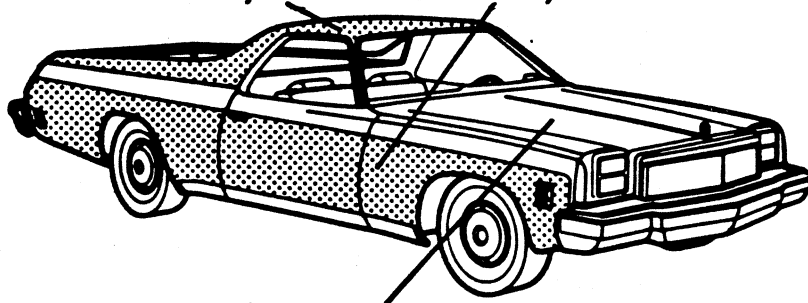
PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R) represent the ideal combinations. Those that are shown as acceptable (A) are attractive but less desirable than the recommended combinations. Orders for additional combinations may be submitted,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

INTERIOR TRIM COLORS AND CODES											
Seat, Headliner and Door Trim Color				Black	Blue	Buckskin	Firethorn	White	White	White	White
Instrument Panel Pad and Carpet Color				Black	Blue	Saddle	Firethorn	Black	Blue	Firethorn	Green
MODEL	SEAT TYPE										
EL CAMINO CLASSIC (with Conquista Option D91)	Knit Cloth Notchback Bench			PDD5	PUS5	PFF5	VWB5	VWD5	VWF5	VWG5	VWG5
	Vinyl Notchback Bench			VBB5	VDD5	VUS5	VFF5	VWB5	VWD5	VWF5	VWG5
	Vinyl Bucket			VBB2	VDD2	VUS2	VFF2	VWB2	VWD2	VWF2	VWG2
Hood and Center Body (a)	Lower Code	Roof and Lower Body (b)	Upper Code								
Silver	13	Blue, Dark (Metallic)	29	A	R	A	R	A	R	A	R
Blue, Light (Metallic)	22	Blue, Dark (Metallic)	29	A	R	A	R	A	R	A	R
Buckskin, Light	61	Brown (Metallic)	69	A	R	A	R	A	R	A	R
Green, Medium (Metallic)	44	Blue-Green, Dark (Metallic)	48	A	R	A	R	A	R	A	R
White, Antique	11	Black	19	R	A	R	R	R	R	R	R
White, Antique	11	Blue, Light (Metallic)	22	A	R	A	R	A	R	A	R
White, Antique	11	Green, Medium (Metallic)	44	A	R	A	R	R	R	R	R
White, Antique	11	Red, Medium	72	A	R	R	R	R	R	R	R
White, Antique	11	Orange (Metallic)	78	R	A	R	R	R	R	R	R

(a) Secondary hood and center body color.
 (b) Primary roof and lower body color.
 R—Recommended (see note above).

CONQUISTA TWO-TONE PAINT—D91

Primary Roof and Lower Body Color



Secondary Hood and Center Body Color

EL CAMINO

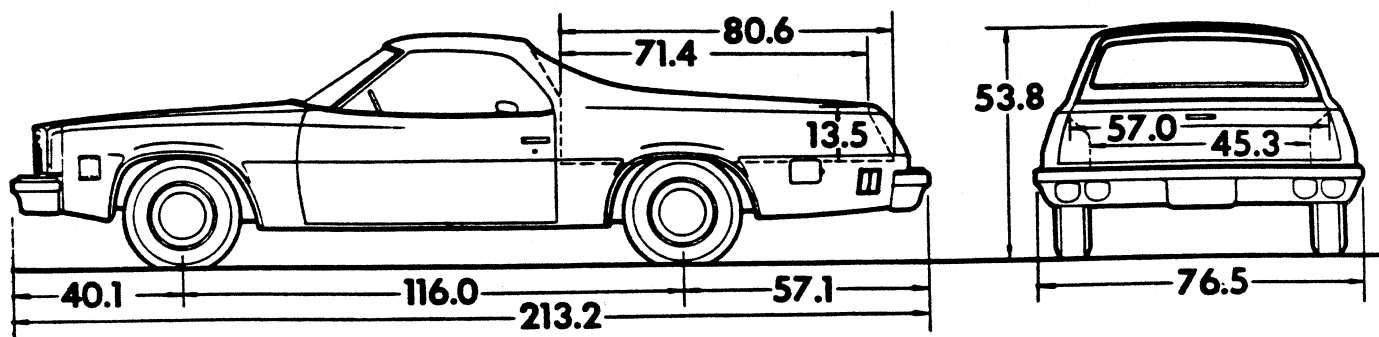
STANDARD SPECIFICATIONS

(See Blue Tab Section for Specification Details)

Engine Base Equip. Clutch Air Filter Oil Filter Exhaust System Emission Control Systems	250 1-bbl. L6 9.1"; 72 sq. in. Oiled-paper Element Throwaway Type; 1-qt. Single; Aluminized Meet Government Requirements
Suspension, Front Capacity Springs @ Ground—Range* Shock Absorbers	Independent; Coil Springs 2400 lb. 1157/1475 lb. ea. 1" dia.
Suspension, Rear Axle Capacity Axle Ratio Springs @ Ground—Range* Shock Absorbers	Hypoid; Coil Springs 2825 lb. 2.73 1375/1450 lb. ea. 1" dia.; Air Booster Type
Brakes Front Rear Parking	Hydraulic; Self-adjusting; power assisted Disc; 11" Rotor Drum; 11" x 2" Cable to Rear Wheels
Electrical Battery Delcotron Generator	12 Volt; Negative Ground 2900 watts @ 0°F. 37 amp.
Frame	Carbon Steel; Perimeter Type
Fuel Tank (nominal capacity)	26 gal.
Steering Gear Type Linkage	Manual; Recirculating Ball Parallelogram
Transmission Shift Location	Fully Synchronized 3-Speed Steering Column
Tires	(5) GR78 15B(4PR)
Wheels	(5) Disc; 15" x 6"

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

EL CAMINO



Model	Engine No. Cyl.	Curb Weight (lb)			Model Weight (lb)*			Ground Clearance (in.)★	
		Front	Rear	Total	Front	Rear	Total	Front	Rear
1AC80	6	1992	1760	3752	2205	1997	4202	7.1	7.8
1AD80	6	2022	1762	3784	2235	1999	4234		

★ Dimensions with standard equipment, unloaded.

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

GVWR SELECTOR

Engine	GVWR Range (lb)	ΔGAWR(lb)		Minimum Equipment Required for GVW Range		
		Front	Rear	Tires, Front	Tires, Rear	Chassis Equipment
6	5002 to 5326	2176 to 2429	2826 to 2897	GR78-15B(4PR)	GR78-15B(4PR)	Standard

▲ GAWR—Gross Axle Weight Rating.

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

EL CAMINO

POWER TEAMS

ENGINE	TRANSMISSION	REAR AXLE	
Type and Code	Type and Code	Make and Capacity (lb)	Ratio and Code

				2.56	2.73	3.08 G92
■ 250 1-bbl L6-L22 (Standard Engine)	3-Speed Manual (Std)—M15	Chevrolet 2825 ♦	—	X (Std)	X*	
	Turbo Hydra-matic—M40		—	X (Std)	X†	
● 305 2-bbl V8-LG3	Turbo Hydra-matic (Std)—M40		X (Std)	—	—	
■ 350 4-bbl V8-LM1	Turbo Hydra-matic—M40		X (Std)	—	X†	

■ Available for registration in the State of California when California Emission Certification is ordered.

● Not available for registration in the State of California.

♦ Locking Differential rear axle available for all axle ratios.

* Not available above 4000 ft. altitude.

† Required above 4000 ft. altitude.

ENGINE RATINGS

All States except California

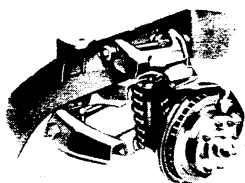
SAE Net Ratings @ 85°F	250 1-bbl L6	305 2-bbl V8	350 4-bbl V8
Net Horsepower.....	110 @ 3800 rpm	145 @ 3800 rpm	170 @ 3800 rpm
Net Torque, lb-ft.....	195 @ 1600 rpm	245 @ 2400 rpm	270 @ 2400 rpm

CALIFORNIA ONLY

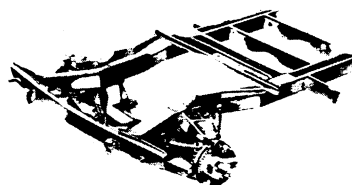
SAE Net Ratings @ 85°F	250 1-bbl L6	350 4-bbl V8
Net Horsepower.....	90 @ 3600 rpm	160 @ 3800 rpm
Net Torque, lb-ft.....	180 @ 1600 rpm	260 @ 2400 rpm

FRONT SUSPENSIONS

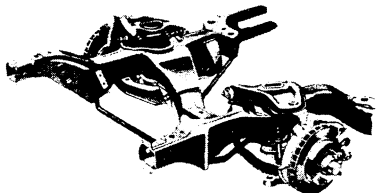
INDEPENDENT FRONT SUSPENSION



P31832



G10-30 Series



El Camino



C10-30; P10-30 Series

The independent front axle suspension uses stamped steel control arms, coil springs, forged steel steering knuckles, forged steel control arm shafts, a stamped steel cross-member, and ball joint pivot points.

FRONT COIL SPRINGS

CAPACITY lbs. each @ Ground	MODEL SERIES AVAILABILITY		SPECIFICATIONS		
	Standard	Optional	Deflection Rate	Wire Diameter	Outside Diameter
1200	El Camino	—	365	.668	5.75
1310	G10 (05)	—	675	.721/.742	5.28/5.22
1550	†C10 (03/F44)	—	800	.779	5.30
1475▲	C10 (03)	—	675	.742	5.22
1550	P10	—	800	.779	5.30
1600	G10 (06)	G10 (05)	800	.779	5.30
1600	G20	—	930	.813	5.37
1625	★C107 (03/F44)	—	800	.779	5.30
1625	★C109 (03/F44), C10 (06)	—	800	.779	5.30
1625	C10 Blazer	—	930	.813	5.37
1700	G31303 (2)	C10 (03, 06)	930	.813	5.37
1700	G30 (05, 06), G31303 (1)	—	930	.813	5.37
1750	★C30 (03), C20 (03, 06)	—	800	.779	5.30
1750	—	C20 (03, 06), C30 (03)	930	.813	5.37
1800	P20	—	1090	.852	5.29
1900	†C20-30 (03)	—	800	.779	5.30
1900	C20 (43)	*C20-30 (03), C20 (06)	1090	.852	5.44
1900	—	C20 (03, 06)	930	.813	5.37
1900	—	*C30 (03)	1230	.825	5.29
1900	—	*C30 (03)	1230	.849	5.24
1950	—	G30 (05, 06), G31303●	1230	.822	5.50
1950	G31603	—	1090	.852	5.44
2000	C30 (43)	—	1090	.852	5.44
2200	P30 (42) P30832 P31132 P31432	P30 (42)	1350	.890	5.42

FRONT COIL/AIR SPRINGS (Combination Coil with Auxiliary Air Spring)

2500	P31832	P30832, P31132, P31432	1350	.890	5.42
------	--------	------------------------------	------	------	------

*Larger springs, although rated similar lbs. each @ Ground, are selected in accordance with optional Power Team weight requirements on a particular model. ▲ Capacity shown is with base L6 engine. Capacity with V8 engine is 1550 lbs.

(1) Standard on Hi-Cube Van (E34) and Commercial Cutaway Van (ZW9) with L6 engine at 7400-lb. GVWR.

(2) 8900-lb. GVWR—dual rear wheels ● Required for Hi-Cube and Cutaway Vans at 7900-8400-lb. GVWR.

†With base 6 cyl. engine

★ With 8 cyl. engine

REAR AXLES

EL CAMINO REAR AXLE

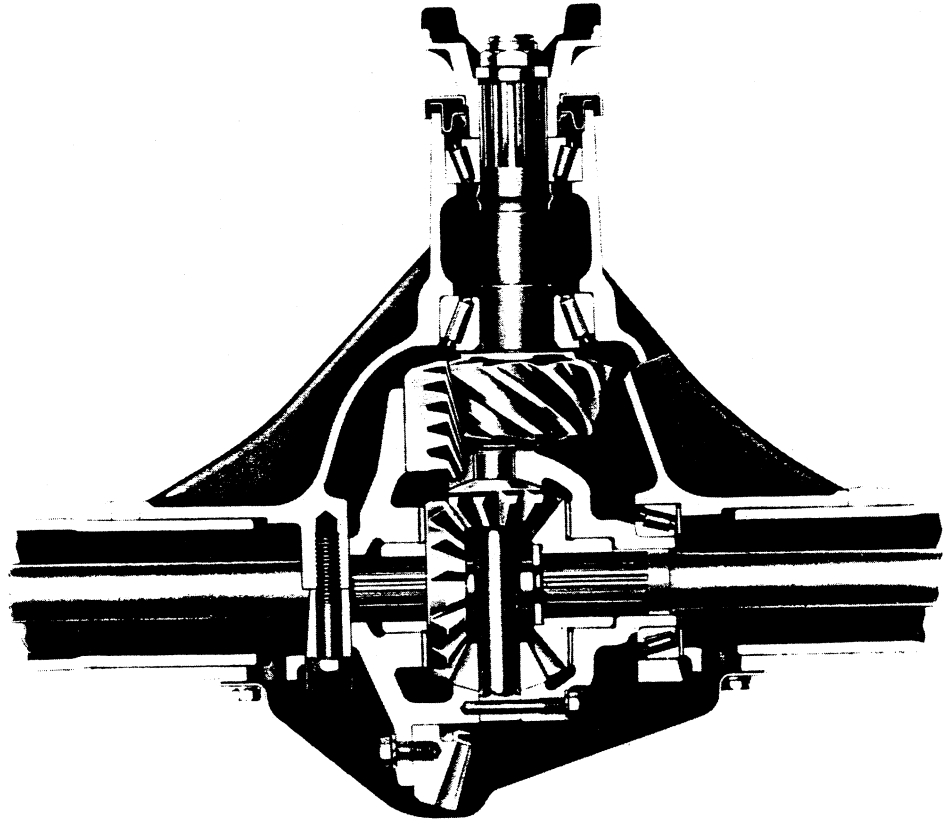


Illustration shows typical El Camino rear axle.

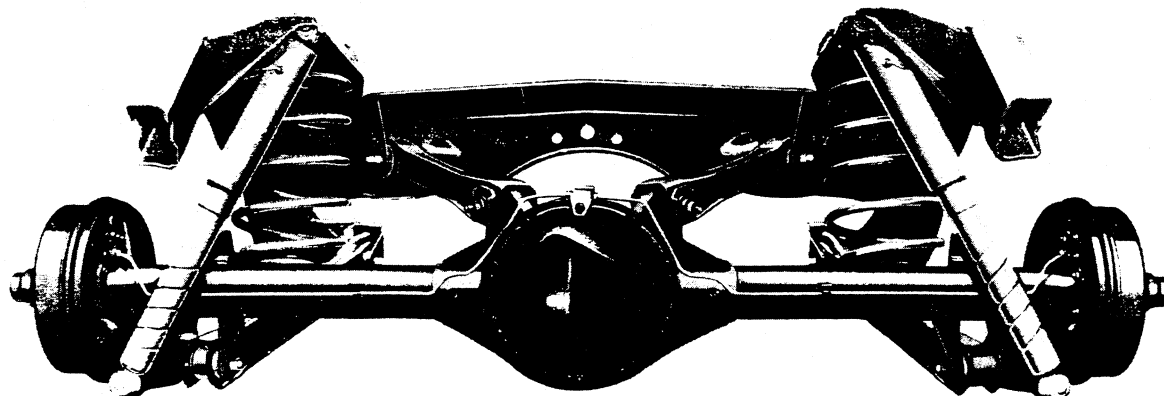
El Camino models offer, as standard, a Salisbury-type rear axle. Hypoid gearing is used for quiet, durable differential operations. Positraction is also available with all ratios as an option at extra cost.

Specifications

Capacity	2700 lbs		
Make	Chevrolet		
Pinion & Ring Gears:	Hypoid		
Type	Hypoid		
Ratios	2.73	3.08	2.56
Pinion, teeth	15	12	16
Ring gear, teeth	41	37	41
Ring gear pitch dia. (in)	8.50		
Differential:	Two-Pinion		
Type	Two-Pinion		
Axle Shaft:	Integral Shaft and Drive Flange		
Type	Integral Shaft and Drive Flange		
Housing: @ spring seat	3.0 x .22		
Section diameter and thickness (in)	3.0 x .22		

REAR SUSPENSION

EL CAMINO MODELS



The 4-link rear suspension design of the El Camino models provides excellent ride and load-carrying characteristics. Two stamped channel-section lower control arms extend from brackets at each end of the axle housing to brackets at the start of the frame rail kick-up. Each control arm end pivots in compressed rubber bushings. Shorter stamped channel-section upper control

arms mount on brackets attached to the differential housing and extend diagonally outward to brackets on the intermediate Z-shaped frame crossmember to restrict lateral axle movement relative to the frame. Coil springs are positioned directly over the axle housing. Hydraulic direct double-acting air-booster-type shock absorbers are mounted diagonally behind the coil springs.

REAR COIL SPRINGS

CAPACITY		Model Series Availability		SPECIFICATIONS		
lbs each @ Ground	lbs each @ Pad	Standard	Optional	Deflection Rate (lb in)	Wire Diameter (in)	Outside Diameter (in)
SINGLE STAGE COILS				Single Stage		
1400	930	El Camino	—	115	.549	7.098
1462.5	955	—	El Camino	140	.549	7.140

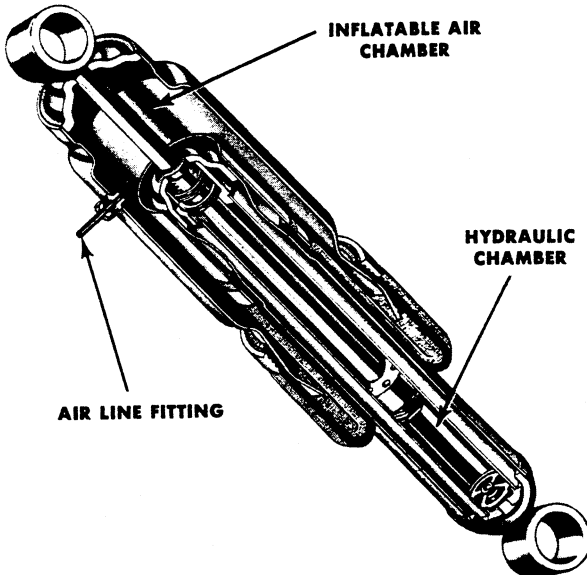
SUSPENSION SHOCK ABSORBERS

SHOCK ABSORBERS

(Hydraulic Direct-Double Acting)

Model Series Availability		Location	Type	Piston Diameter	Piston Travel
Standard	Optional				
El Camino	—	Front	(Direct)	1.00 in	4.73 in
El Camino	—	Rear	Air-booster	1.00 in	7.79 in
C/P10-30	—	Front	Direct	1.00 in(1)	5.29 in(d)
C10	—	Rear		1.00 in	9.04 in
P10	—	Rear		1.00 in	9.29 in
C20; P20-30	—	Rear		1.00 in(1)	9.54 in(b)
C30	—	Rear		1.38 in	9.13 in
K10-30	—	Front		1.00 in	6.79 in
K10-30	—	Rear		1.00 in	9.29 in(a)
G10-30	—	Front		1.00 in(2)	5.04 in(i)
G10-30	—	Rear		1.00 in(2)	8.29 in(e)
—	C/P10-30	Front		1.38 in	5.13 in(g)
—	C/P10	Rear		1.38 in	9.13 in(f)
—	C/P20;P30	Rear		1.38 in	(c)
—	K10-30	Front		32 mm	172.66 mm
—	K10-30	Rear		32 mm	236.16 mm(h)
—	G10-20	Front		32 mm	134.55 mm
—	G30	Front		32 mm	128.21 mm
—	G10-30	Rear		32 mm	210.76 mm

- (a) 10.79 in. for K30
- (b) 9.29 in. for C20 (43) and all P30 (except P31832 which is 9.13 in.)
- (c) 9.38 in. for C20 and P20; 9.13 in. for C20 (43) and P30
- (d) 5.79 in. for P308-311-31432; 5.63 in. for P31832
- (e) 227.68 mm for G31603
- (f) 8.88 in. for C10
- (g) 5.63 in. for P308-311-31432
- (h) 274.26 mm for K30
- (i) 132.43 mm for G31603
- (1) P31832 uses 1 3/8-inch diameter shock absorbers as base equipment
- (2) G31603 uses 35 mm diameter shock absorbers as base equipment



El Camino Rear Shock Absorbers Standard Equipment Air-Booster Type

El Camino load capacity is totally realized when the standard equipment air-booster rear shock absorbers are fully inflated. Encircled by inflatable air chambers, these shock absorbers can be adjusted by varying the air pressure to meet different road and load conditions. Air pressure is varied through a tire-type air valve mounted behind the rear license plate. From the air valve, air feed lines of durable nylon connect to each shock through a tee fitting which also serves as a balance line to equalize the pressure in each shock absorber chamber. The air chamber is independent of the internal shock mechanism, which assures normal control in event of accidental air pressure loss.

TRANSMISSIONS

EL CAMINO 3-SPEED TRANSMISSION

Type	Chevrolet 3-Speed
Applications	250-1 L6
Synchronized Speeds:	All forward
Gear Ratios:	
First	3.11
Second	1.84
Third	Direct
Reverse	3.22
Gears:	
Type	Helical
Material	Forged steel; hardened
Gearshift Control:	
Type	Manual linkage
Location	Column *

LUV PICKUP 4-SPEED TRANSMISSION

Type	LUV 4-Speed
Applications	LUV 4-Cylinder
Synchronized Speeds:	All forward
Gear Ratios:	
First	3.51
Second	2.18
Third	1.42
Fourth	Direct
Reverse	3.83
Gears:	
Type	Helical
Material	Forged steel; hardened
Gearshift Control:	
Type	Manual linkage
Location	Floor

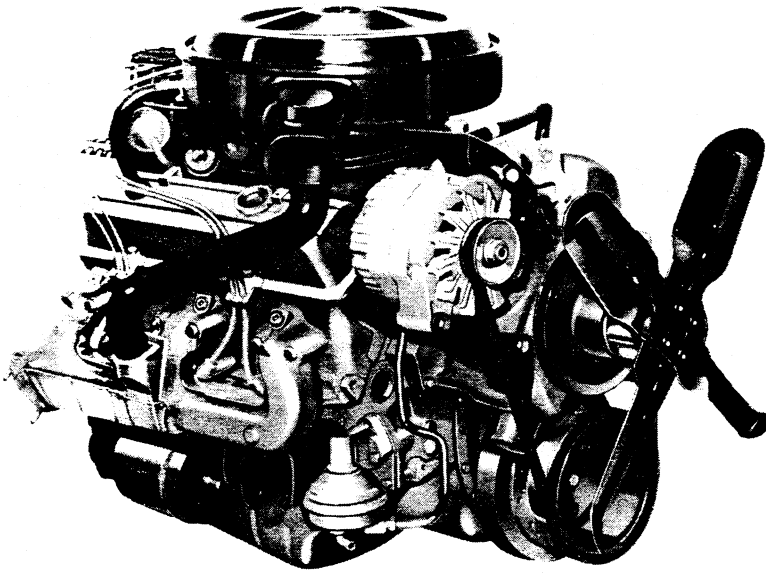
EL CAMINO, LUV PICKUP AUTOMATIC TRANSMISSION

Type	Turbo Hydra-matic	
Applications	LUV 4-cylinder	250-1 L6 305-2 V8 350-4 V8
Drive (Maximum Torque Multiplication)	6.08:1	5.04:1
Cooling	Water	
Gearshift Control:		
Type	Floor	Manual linkage
Location		Column *

*Optional console includes console mounted shift lever on El Camino models.

TURBO-FIRE 305 2-bbl V8*

(Ordering Code LG3)



Applications

Standard: None

Optional: El Camino

*Not Available in California

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....305 cu in
Bore & stroke (nominal).....3.74" x 3.48"
Compression ratio.....8.5:1
Carburetor type.....2-barrel
Exhaust—Single.....All

Test Procedures

These curves represent full-throttle performance as obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle, with ratings corrected to barometric pressure of 29.00" mercury and 85°F dry air.

Engine Ratings

SAE net horsepower (85°F).....145 @ 3800 rpm
SAE net torque, lb-ft (85°F).....245 @ 2400 rpm

TURBO-FIRE 350 4-bbl V8

(Ordering Code LM1)

Applications

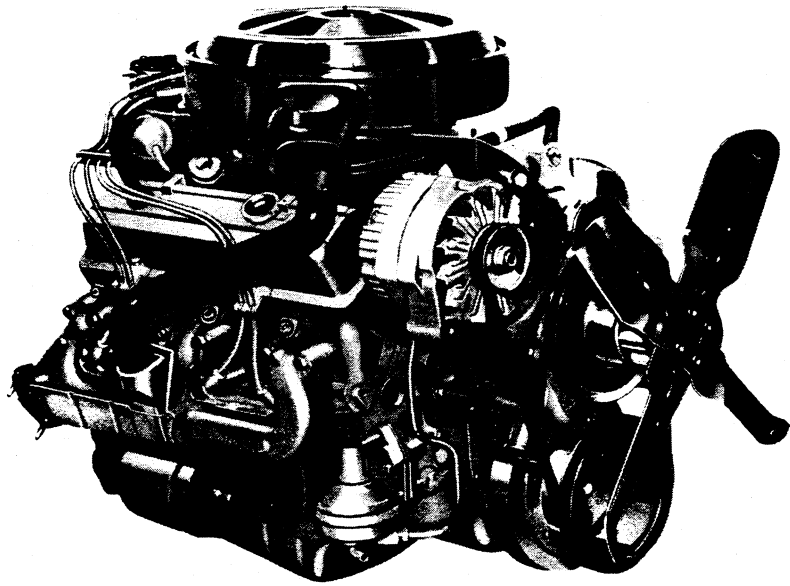
Standard: None
Optional: El Camino

Basic Specifications

Engine type.....Valve-in-head
Piston displacement.....350 cu in
Bore & stroke (nominal).....4.00" x 3.48"
Compression ratio.....8.5:1
Carburetor type.....4-barrel
Exhaust—Single.....All

Test Procedures

These curves represent full-throttle performance as obtained from a dynamometer test simulating actual operating conditions when the engine is in the vehicle, with ratings corrected to barometric pressure of 29.00" mercury and 85°F dry air.



Typical Engine Shown

Engine Ratings

All States Except California

SAE net horsepower (85°F).....165 @ 3800 rpm
SAE net torque, lb-ft (85°F).....260 @ 2400 rpm

California Only

SAE net horsepower (85°F).....160 @ 3800 rpm
SAE net torque, lb-ft (85°F).....260 @ 2400 rpm

305 2-bbl, 350 4-bbl V8 ENGINES

SPECIFICATIONS

	Turbo-Fire		High Torque	
	★305 2-bbl (El Camino)	350 4-bbl (El Camino)	★305 2-bbl Series 10	350 4-bbl Series 10-30
Basic Description	V8; valve in head			
Displacement (cu in)	305	350	305	350
Bore & Stroke (in)	4.0 x 3.48			
Compression Ratio	8.5:1			
Firing Order	1-8-4-3-6-5-7-2			
SAE Net Horsepower @ rpm	145 @ 3800	*170 @ 3800	#145 @ 3800	165 @ 3800
SAE Net Torque (lb-ft) @ rpm	245 @ 2400	*270 @ 2400	#245 @ 2400	†260 @ 2400
Air Cleaner	Thermostatically controlled; Oil wetted paper element			
Camshaft				
Bearings	Steel-backed babbitt			
Intake Valve (excluding ramps)	Opens	28° BTC		
	Closes	72° ABC		
Exhaust Valve (excluding ramps)	Opens	78° BBC		
	Closes	30° ATC		
Intake Duration w/o Ramp	280°			
Exhaust Duration w/o Ramp	288°			
Carburetor				
Type	2-barrel	4-barrel	2-barrel	4-barrel
Make	Rochester			
Venturi ID (in)	1.187	1.218	1.187	1.218
Throttle Bore (in)	1.69	Pri.-1.38; Sec.-2.25	1.69	Pri.-1.38; Sec.-2.25
Choke Control	Automatic			
Connecting Rods				
Material	Drop-forged Steel			
Length (in)	5.695-5.705			
Bearings	Premium aluminum			
Crankcase Ventilation	Closed positive			
Crankshaft				
Material	Cast nodular iron			
Number of Counterweights	6			
Main Journal dia (in)	2.45			
Crankpin Journal dia (in)	2.10			
Torsional Damper	Inertia; rubber mounted			
Bearings	Upper—Micro-babbitt or copper lead; Lower—premium aluminum			
Distributor	High Energy Unit, Delco-Remy; centrifugal & vacuum advance			
Fuel Filter				
Carburetor	Pleated fiber element			
Fuel Tank	Plastic strainer			
Lubrication System	Controlled full pressure			
Main Bearings	Direct pressure			
Camshaft Bearings	Direct pressure			
Timing Gear	Centrifugally sprayed			
Connecting Rods	Direct pressure			
Valve Mechanism	Pressure & gravity			
Cylinder Walls	Cross sprayed throw-off from rod bearing			
Piston Pins	Cross sprayed throw-off from rod bearing			
Oil Capacity (qts)				
With filter change	5			
W/o filter change	4			

★Not available in California †For Heavy Duty Emission (6001 lbs and above); Net torque, lb-ft. 255 @ 2800 rpm

*Ratings for California only: Net Horsepower 160 @ 3800 rpm

Net torque, lb-ft 260 @ 2400 rpm

#For Heavy Duty Emissions (6001 lbs GVWR and above): Net horsepower 140 @ 3800 rpm

Net torque, lb-ft 235 @ 2000 rpm

305 2-bbl, 350 4-bbl V8 ENGINES

SPECIFICATIONS

	Turbo-Fire		High Torque	
	★305 2-bbl (El Camino)	350 4-bbl (El Camino)	★305 2-bbl Series 10	350 4-bbl Series 10-30
Oil Filter	Throwaway		Throwaway	
Capacity (qts)	.59		.85	
Oil Pump	Spur gear; distributor shaft driven			
Type	Spur gear; distributor shaft driven			
Capacity (gpm)	4.3 @ 2000 rpm			
Normal Pressure (psi)	40 @ 2000 rpm			
Pistons	Cast aluminum alloy			
Material	Cast aluminum alloy			
Skirt	Slipper		Closed	
Head	Sump*			
Piston Pins	Rod shrink fit to pin			
Type	Rod shrink fit to pin			
Material	Chromium steel			
Piston Rings	Cast iron alloy			
Compression Rings	Cast iron alloy			
Number	2			
Type	Upper—barrel; lower—inside bevel			
Material	Cast iron alloy			
Oil Control Ring	Steel			
Number	1			
Type	Multi-piece			
Material	Steel			
Thermostat	Harrison; 195°			
Valve Train	Individually mounted rocker arms, push rod actuated			
Type	Individually mounted rocker arms, push rod actuated			
Lifters	Hydraulic			
Rocker Arm Ratio	1.50:1			
Valve Guides	Integral with cylinder head			
Valve Lash	Zero			
Intake Valves	Alloy steel			
Material	Alloy steel			
Diameter (in.)	1.72	1.94	1.72	1.94 LD; 1.72 HD
Face Coatings	None		None on light duty; aluminized on heavy duty	
Seats	Machined in cylinder head			
Exhaust Valves	High alloy steel			
Material	High alloy steel			
Diameter (in.)	1.50			
Face Coating	Aluminized	None	Aluminized	Stellite
Seats	Machined in cyl. head; induction hardened			
Rotators (exhaust)	Yes			
Water Pump	Centrifugal			
Type	Centrifugal			
Capacity (gpm)	21.6 @ 2000 rpm			

★Not available in California

*Chamfered top land on light duty emissions

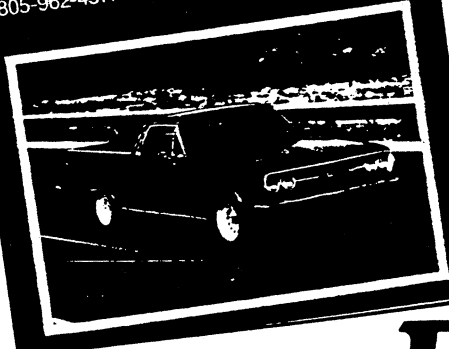
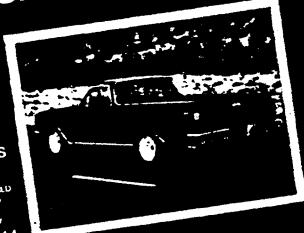


THE EL CAMINO STORE

59-60
64-72

EL CAMINO PARTS

WE HAVE THE BEST PRICES
QUALITY GUARANTEED
PARTS & MORE QUALITY
805-962-4514



**Golden State
Pickup Parts is
at it again!**

The El Camino Store

Photos by Doug Marion

Over the years, whenever readers called us seeking parts or restoration help for their Chevy pickups, we referred them directly to Seth Douulton's Golden State Pickup Parts in Santa Barbara, California. Because of his close proximity to Los Angeles and our similar interests, we've known Seth for a decade. If you live elsewhere,

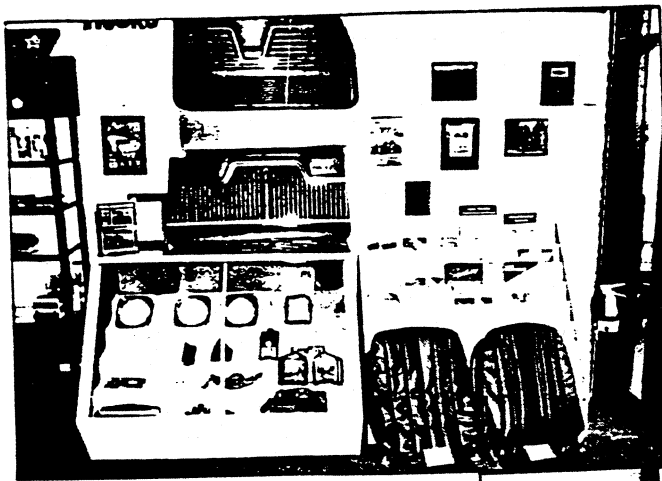
though *Hemming's Motor News* usually lists several other truck parts firms of national repute.

How good is Golden State? Well, they offer a lifetime warranty on just about everything they sell, and SC has never received a call back from anyone seeking more information.

So what's new at Golden State Pickup Parts? Well two years ago, Seth called SC with an idea. It seems that El Camino owners are always calling him for parts and information. Would a division of Golden State Pickup Parts, called



El Camino Store and Golden State Pickup Parts has a well-stocked showroom. Stop by anytime.



El Camino chrome trim, shop manuals, door panels and bucket seat covers on display.

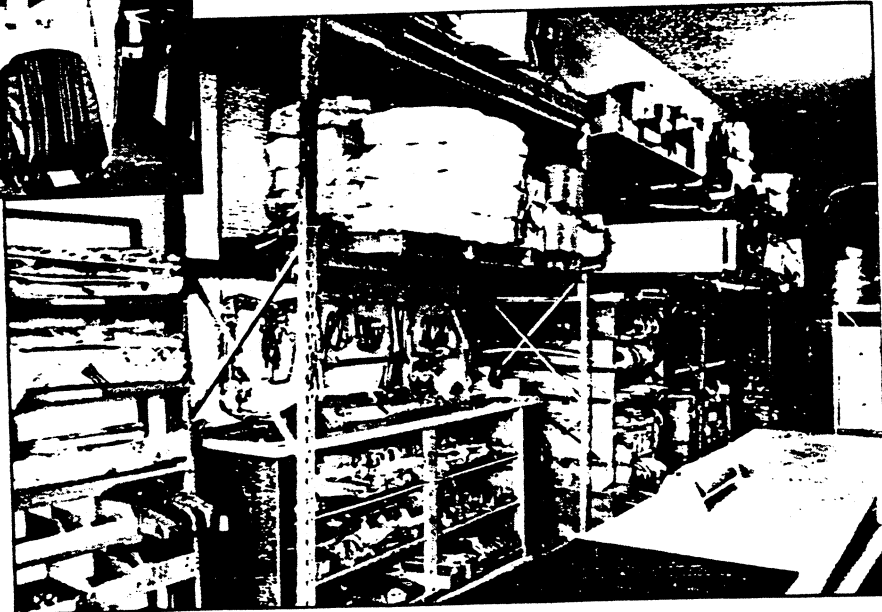
Need rechromed trim and moldings for your 1947-1972 Chevy or GMC pickup or 1959-1972 El Camino?

The El Camino Store, be viable? SC said yes. Seth agreed and the rest is history.

We have purposely refrained from mentioning The El Camino Store too much because with only so much time in a day, week and month, we wanted Seth and crew to get their feet on the ground. As anyone will tell you, servicing everyone's needs is a never-ending job, but at this point in time The El Camino Store is a viable source to satisfy your needs and wants. They have a very professional 50-page catalog covering 1959-1960 and 1964-1972 El Caminos, which costs \$3.

Parts sold at The El Camino Store are backed by the same warranty that applies to other truck parts sold by Golden State. It reads: "The El Camino Store will fully back and replace any part that they sell that becomes defective because of workmanship or material for the life of your truck. That's right, if you buy a chrome bumper from them and in 10 years it rusts, they will replace it free with proof of purchase." They sell new, used and reproduced parts. NOS is their specialty. •

THE EL CAMINO STORE
618 E. Gutierrez St.
Santa Barbara, CA 93103
(805) 962-4514



Here's a before-and-after pickup heater system.

Both firms sponsor "Chevy Madness Day," a huge event held in November at Magic Mountain, north of Los Angeles.



Here are the guys and gals at The El Camino Store /Golden State Pickup Parts. Guy at top-rear is Seth Doulton.

GENERAL

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AIR CONDITIONING EQUIPMENT	22

MODEL IDENTIFICATION

BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS. OR SEATS
A-CAR	MALIBU	4-Dr. Sedan	1AC29	6
		2-Dr. Coupe	1AC37	6
		4-Dr. Station Wagon	1AC35	2-Seat*
	MALIBU CLASSIC	4-Dr. Sedan	1AD29	6
		2-Dr. Coupe	1AD37	6
		4-Dr. Station Wagon	1AD35	2-Seat*
	EL CAMINO	2-Dr. Sedan Pickup	1AC80	3
	EL CAMINO CLASSIC	2-Dr. Sedan Pickup	1AD80	3

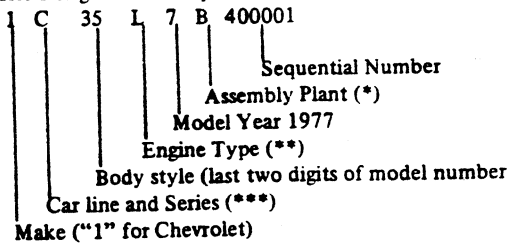
* Third seat available as RPO AQ4 station wagons.

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT

	MALIBU	MALIBU CLASSIC
FRONT		
Radiator Grille - Light Weight Chrome Grille	X	X
Radiator Grille Bright Outline Moldings	X	X
Painted Headlamp Bezels	X	
Bright Headlamp Bezels		X
Parking Lamp in Front Bumpers - Amber Lens and White Bulb	X	X
Bright Hood Molding (at Cowl)	X	X
Bright Windshield Reveal Molding	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X
Radiator Grille Header Nameplate - "Chevelle"	X	X
Header Panel Ornament		X
SIDE		
Lower Body Side Molding		X
Front Fender Nameplate	"Malibu"	"Malibu Classic"
Bright Head Belt Molding	X	X
Bright Rear View Mirror - LH	X	X
Bright Door Corner Moldings	X	X
Bright Aluminum Hub Caps	X	X
Body Color Wheels	X	X
Front Marker Lamp, Amber Lens with Clear Bulb and Body Color Bezel	X	X
Rear Marker Lamp, Red Lens and Body Color Bezel	X	X
Roof Drip Moldings		X
Wheel Opening Moldings		X
REAR		
Rear Body Panel Nameplate - "Chevelle"	X	X
Bright Rear Window Reveal Molding	X	X
Argent Tail Lamp Rings	X	
Bright Tail Lamp Rings		X
Single Mounted Tail Lamps on Body Rear Panel	X	X
Rear Right Hand Quarter Extension Panel Nameplate - "Chevrolet"	X	X

**STANDARD EXTERIOR EQUIPMENT
STATION WAGONS**

	MALIBU	MALIBU CLASSIC
FRONT		
Radiator Grille – Light Weight Chrome Grille	X	X
Bright Radiator Grille Outline Molding	X	X
Bright Headlamp Bezels	X	X
Bright Hood Molding (at Cowl)	X	X
Bright Windshield Reveal Molding	X	X
Radiator Grille Nameplate – “Chevelle”	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X
Parking Lamps in Bumpers – Amber Lens, White Bulb	X	X
Header Panel Ornament		X
SIDE		
Bright Belt Bead Molding	X	X
Bright Rear View Mirror – LH	X	X
Bright Hub Caps	X	X
Bright Lift Bar Door Handles	X	X
Bright Door Corner Molding	X	X
Body Color Wheels	X	X
Bright Quarter Reveal Moldings	X	X
Fender Nameplate – Bright	“Malibu”	“Malibu Classic”
Front Marker Lamp, Amber Lens w/Clear Bulb and Body-Color Bezels	X	X
Rear Marker Lamp, Red Lens and Body-Color Bezel	X	X
Rocker Panel Lower Body Side Molding		X
Wheel Opening Moldings		X
Roof Drip Moldings		X

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC
REAR		
Liftgate Nameplate - "Chevelle"	X	X
Liftgate Window Reveal Molding	X	X
Bright Liftgate Handle	X	X
Tail Lamps Mounted in Bumper	X	X
Backup Lamps Mounted in Bumper - Inboard of Tail Lamps	X	X

**STANDARD EXTERIOR EQUIPMENT
EL CAMINO**

	EL CAMINO	CLASSIC
FRONT		
Radiator Grille – Light Weight Chrome Grille	X	X
Bright Radiator Grille Outline Moldings	X	X
Painted Headlamp Bezels	X	
Bright Headlamp Bezels		X
Parking Lamps in Bumper	X	X
Radiator Grille – Header Emblem	X	X
Bright Hood Molding (at Cowl)	X	X
Bright Windshield Reveal Molding	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X
SIDE		
Front Fender Nameplate – “El Camino”	X	X
Bright Belt Bead Molding	X	X
Bright LH Outside Rear View Mirror	X	X
Bright Hub Caps	X	X
Bright Lift Bar Door Handles	X	X
Bright Door Corner Molding	X	X
Body Color Wheels	X	X
Lower Body Side Molding		X
Front Fender Nameplate “Classic”		X
Wheel Opening Moldings		X
Roof Drip Moldings		X
REAR		
Tailgate Nameplate “El Camino” with Chevrolet “Bow Tie”	X	X
Tail and Backup Lamps Bumper Mounted	X	X
Bright Rear Window Reveal Molding	X	X
Bright Roof, Load Compartment and Tailgate Moldings	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPES AND SEDAN

	MALIBU	MALIBU CLASSIC
ROOF AND PILLARS		
Headlining Vinyl Coated, "Premier" Perforated	X	X
Rear View Mirror, 12" Prismatic - Textured Black Metal Vinyl Clad	X	X
Rear View Mirror Support, Bonded to W/S, Black Painted	X	X
Sunshade, Padded, Non-Hook	X	X
Roof Side Rail Garnish Moldings - Plastic	X	X
Rear Window Moldings - Plastic	X	X
Rear Window Upper and Side Moldings - Plastic	X	X
Windshield Garnish Molding - Painted Plastic	X	X
Center Pillar Lower Finish Panel, Molded Plastic	29	29
Center Pillar Upper Molding - Molded Plastic	29	29
Rear Quarter Upper Trim Panel, Molded Plastic	X	X
Coat Hooks, Plastic - Trim Color	X	X
Center Dome Light - Plastic Lens	X	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar	-	X

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

	MALIBU	MALIBU CLASSIC
SEATS AND FLOOR COVERING		
Front and Rear Seat Cushion and Backrest, Full Molded Foam	X	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder)		
Locking Lap Belt Retractors, Inertial Reel Type Shoulder		
Belt Retractors, Black	X	X
Black Rear Seat Lap Belts (3-Sets) Locking Outer Retractors	X	X
Front Seat Center Lap Belt, Black	X	X
Front Seat Head Restraints	X	X
Front Seat Center Armrest	-	X
Front Seat Backrest End Molding - Bright	-	X
Package Shelf Embossed Board	-	X
Package Shelf Woven Fiber Board	X	-
Carpet, Floor Covering - Nylon Cut Pile	X	X
DOOR AND QUARTER PANEL		
Plastic Molded Front Door Lower Trim Panel, W/Armrest	X	X
Plastic Molded Door Upper Trim Panel	X	-
Plastic Molded Rear Door Lower Trim Panel, W/Armrest With Ash Tray	29	29
Soft Trim Door Upper Panel	-	X
Pull Type Door Handle	X	X
Rear Quarter Panel Built-in Armrest and Ash Tray	37	37
Window Control Handle Knobs, Clear Plastic	X	X
Door Lock Buttons - Bright	X	X
Burl Elm Woodgrain Door Panel Inserts	X	-
Front and Rear Door Locks 2-Position Free Wheeling	X	X
Front Door Pull Strap	-	X
Rear Quarter Sidewalls - Molded Plastic	X	-
Rear Quarter Sidewalls - Vinyl Trimmed	-	X
LUGGAGE AREA AND MISC.		
Luggage Compartment Spatter Paint	X	X
Turn Signal and Shift Lever Knobs - Black	X	X
Steering Column Ignition Lock	X	X
Dual Horns		37*
Single Horns	X	29
*With RPO - Z03		

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

	MALIBU	MALIBU CLASSIC
INSTRUMENT PANEL AND STEERING COLUMN		
General Cluster Lighting – Blue Tint	X	X
Glove Compartment Light		X
Warning Lights – Temperature, Generator, Oil Pressure, Brakes, Seat Belts	X	X
Indicators – Hi-Beam, Turn Signal and Hazard Flashers	X	X
Two-Speed W/S Wiper and Washer – Slide Type, Depress to Wash, Bright Knob, Switch Illuminated	X	X
Ash Tray	X	X
Heater – Slide Type Controls, Bright Knobs, Illuminated	X	X
Light Switch – Bright Knob	X	X
Cigarette Lighter – Black Knob	X	X
100 MPH (160 KPH) Speedometer – Odometer	X	X
Fuel Gauge (“Unleaded Fuel Only”)	X	X
Glove Compartment Door Lock	X	X
Black “T” Handle Parking Brake Release	X	X
Black “T” Handle Interior Hood Release	X	X
Trim Color Instrument Panel Pad	X	X
Clock Hole Cover Plate	X	X
Black Color Steering Wheel, Column and Instrument Cluster		X
Color Keyed Steering Wheel, Column and Instrument Cluster		X
Wood Grain on Instrument Cluster		
Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert and “Chevrolet” Nameplate	X	X
Black Hazard Flasher Knob	X	X
Black Soft Turn Signal and Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral Steering and Transmission Lock	X	X
Plastic Cowl Kick Pads	X	X
Instrument Panel Nameplates	X	X
GLASS		
Laminate Safety Plate Glass Windshield (Thin Design)	X	X
Safety Solid Tempered Plate Side Glass	X	X
Safety Solid Tempered Plate Rear Window	X	X

**STANDARD INTERIOR EQUIPMENT
STATION WAGONS**

	MALIBU	MALIBU CLASSIC
ROOF AND PILLARS		
Headlining Vinyl Coated, "Premier" Perforated	X	X
Rear View Mirror, 12" Prismatic-Textured Black Metal Vinyl Clad	X	X
Rear View Mirror Support, Bonded to W/S, Black Painted	X	X
Sunshade, Padded, Non-Hood	X	X
Roof Side Rail Garnish Moldings - Plastic	X	X
Windshield Garnish Molding - Painted Plastic	X	X
Center Pillar Lower Finish Panel, Molded Plastic	X	X
Center Pillar Upper Molding - Molded Plastic	X	X
Coat Hooks, Plastic - Trim Color	X	X
Center Dome Light - Plastic Lens	X	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar	-	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC
SEATS AND FLOOR COVERING		
Front and Rear Seat Cushion and Backrest, Full Molded Foam	X	X
Optional - Third Seat Cushion and Backrest, Full Molded Foam	X	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder)		
Locking Lap Belt Retractors, Inertial Reel Type Shoulder		
Belt Retractors, Black	X	X
Black Rear Seat Lap Belts (3-Sets) Locking Outer Retractors	X	X
Optional Seat - Third Seat Lap Belts (2-Sets)	X	X
Front Seat Center Lap Belt, Black	X	X
Front Seat Head Restraints	X	X
Front Seat Center Armrest	-	X
Front Seat Backrest End Molding - Bright	-	X
Carpet, Floor Covering - Nylon Cut Pile	X	X
DOOR AND QUARTER PANEL		
Plastic Molded Front Door Lower Trim Panel, W/Armrest	X	X
Plastic Molded Door Upper Trim Panel	X	-
Plastic Molded Rear Door Lower Trim Panel, W/Armrest With Ash Tray	X	X
Soft Trim Door Upper Panel	-	X
Pull Type Door Handle	X	X
Window Control Handle Knobs, Clear Plastic	X	X
Door Lock Buttons - Bright	X	X
Burl Elm Woodgrain Door Panel Inserts	X	-
Front and Rear Door Locks 2-Position Free Wheeling	X	X
Rear Quarter Sidewalls - Molded Plastic	X	-
Rear Quarter Sidewalls - Vinyl Trimmed	-	X
LUGGAGE AREA AND MISC.		
Load Floor - Vinyl Coated Textured Metal		X
Load Floor - Spatter Paint	X	
Storage Compartment Mat - Needled Rayon	-	X
Turn Signal and Shift Lever Knobs - Black	X	X
Steering Column Ignition Lock	X	X
Single Horn	X	X

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC
INSTRUMENT PANEL AND STEERING COLUMN		
General Cluster Lighting - Blue Tint	X	X
Glove Compartment Light		X
Warning Lights - Temperature, Generator, Oil Pressure, Brakes		
Seat Belts	X	X
Indicators - Hi-Beam, Turn Signals and Hazard Flashers	X	X
Two Speed W/S Wiper and Washer - Slide Type, Depress to Wash - Bright Knob, Illuminated Switch	X	X
Ash Tray	X	X
Heater - Slide Type Controls, Bright Knobs, Illuminated	X	X
Light Switch - Bright Knob	X	X
Cigarette Lighter - Black Knob	X	X
100 MPH (160 KPH) Speedometer - Odometer	X	X
Fuel Gauge ("Unleaded Fuel Only")	X	X
Glove Compartment Door Lock	X	X
Black Parking Brake Release "T" Handle - White "Parking Brake"	X	X
Trim Color Instrument Panel Pad	X	X
Clock Hole Cover Plate	X	X
Trim Color Steering Wheel, Column and Instrument Cluster		X
Black Steering Wheel, Column and Instrument Cluster	X	
Wood Grain on Instrument Cluster		X
Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert Having "Chevrolet" Nameplate	X	X
Black Hazard Flasher Knob	X	X
Black Soft Turn Signal and Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral Steering and Transmission Lock	X	X
Black "Tee" Handle Hood Release - White "Hood"	X	X
Instrument Panel Nameplate	X	X
 GLASS		
Laminate Safety Plate Glass Windshield (Thin Design)	X	X
Safety Solid Tempered Plate Side Glass	X	X
Safety Solid Tempered Plate Rear Window	X	X

INTERIOR EQUIPMENT

EL CAMINO INTERIOR EQUIPMENT

	STANDARD	CLASSIC
ROOF AND PILLARS		
Headlining Vinyl Coated "Premier" Perforated	X	X
Rear View Mirror, 12" Prismatic - Textured Black Metal Vinyl Clad	X	X
Rear View Mirror Support, Bonded to W/S, Black Painted	X	X
Sunshade, Padded, Non-Hook	X	X
Roof Side Rail Garnish Moldings - Plastic	X	X
Windshield Garnish Moldings - Painted Plastic	X	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar	-	X
DOOR AND QUARTER PANEL		
Plastic Molded Front Door Lower Trim Panel, W/Armrest	X	X
Plastic Molded Door Upper Trim Panel	X	-
Soft Trim Door Upper Panel	-	X
Pull Type Door Handle	X	X
Window Control Handle Knobs, Clear Plastic	X	X
Door Lock Buttons - Bright	X	X
Burl Elm Woodgrain Door Panel Inserts	X	-
Front Door Locks 2-Position Free Wheeling	X	X
Front Door Pull Straps	-	X
SEATS AND FLOOR COVERING		
Front Seat Cushion and Backrest, Full Molded Foam	X	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder) Locking Lap Belt Retractors, Inertial Reel Type Shoulder Belt Retractors, Black	X	X
Front Seat Center Lap Belt, Black	X	X
Front Seat Head Restraints	X	X
Front Seat Center Armrest	-	X
Front Seat Backrest End Molding - Bright	-	X
Carpet, Floor Covering - Nylon Cut Pile	X	X
INSTRUMENT PANEL AND STEERING COLUMN		
Glove Compartment Light	-	X
Heater Control Light	X	X
Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights	X	X
Hi-Beam and Turning Signal Indicators	X	X
Soft Black Cowl Ventilation	X	X
Two-Speed Windshield Wiper and Washer Switch (Slide Type, Depress to Wash)	X	X
Light Switch - Bright Knobs	X	X
Black Hazard Flasher Knob	X	X
Black Turn Signal and Transmission Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock	X	X
Black Hood Release Handle with White "HOOD" on Handle	X	X
"T" Handle Parking Brake Release	X	X
Ash Tray	X	X
Cigarette Lighter - Black Knob	X	X
100 MPH (160 KPH) Speedometer and Odometer	X	X
Trim Color Instrument Panel Pad	X	X
Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert having "Chevrolet" Nameplate	X	X
Black Color Steering Wheel, Column and Instrument Cluster	X	-
Color Keyed Steering Wheel, Column and Instrument Cluster	-	X
Wood Grain Instrument Cluster	-	X
Fuel Gauge ("Unleaded Fuel Only")	X	X
Instrument Panel Nameplate	X	X
GLASS		
Laminated Safety Plate Glass Windshield	X	X
Solid Safety Plate Glass Backlight	X	X
Solid Safety Plate Glass Door Windows	X	X

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
MODEL OPTIONS		
'SS' Option (El Camino) (See page 19 for content)	Z15	
Station Wagon, 3rd Seat (See page 20 for content)	AQ4	
Malibu Classic Landau (See page 21 for content)	Z03	
 POWER TEAMS		
305 V-8 (Federal only)	LG3	
350 V-8 (All States)	LM1	
Turbo Hydra-matic (Used with L22, LG3, LM1)	M38	
Axle, Positraction	G80	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
POWER ASSISTS		
Brakes, Power (Standard on all models with V-8 engines)	J50	
Liftgate Lock Release, Electric	AU6	
Lock, Electric Door	AU3	
Steering, Hydraulic, (Base V-8 engine, optional 110 engine)	N41	
Window Control, Electric	A31	
Front Seat, Electric Control (exc. AN7)	A42	
OTHER OPTIONS		
Air Conditioning, Four-Season (See page 22 for content)	C60	
Alarm, Theft		X
Battery Blanket		X
Battery, Heavy Duty	UA1	
Bumper Guards		X
Belts, Deluxe Seat & Shoulder Harness (Color keyed to interior)	AK1	
Bumper Impact Strips Front and Rear	YES	
Console, Front Compartment Floor (Requires bucket seats and auto. trans.)	ID55	
Cap, Locking Gas Filler		X
Carrier, Roof Luggage - Wagon	W55	X
Clock, Electric	UB5	X
Compass		X
Cover, Roof Luggage Carrier		X
Container, Underseat Litter		X
Container, Tunnel Litter and Tissue		X
Decor Exterior	YJ9	
Deflector, Rear Window Air (Wagon)	C51	X
Defogger, Rear Window (Fogged air) (All except El Camino)	C50	X
Dispenser, Tissue		X
Extinguisher, Fire		X
Extinguisher, Fire Refill		X
Floor Mats, Color-Keyed - (2 Front, 2 Rear) (except El Camino - 2 Front only)	B37	X
Generator - 61 amp Delcotron	K76	
Gauges, Instrument Panel	UF7	
Guards, Bumper Front and Rear	V30	X
Guard, Vinyl Door Edge		X
Guard, Door Edge Stainless Steel (N.A. Malibu Classic Estate)	B93	X
Glass, Tinted - All Windows	A01	
Glass, Tinted - W/S Only (Front use and Canadian use only)	A02	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Harness, Trailering Wiring		X
Hitch, Trailering, Equalizing Type		X
Hitch, Trailering - 2000 Lb. Class		X
Heater, Engine Block		X
Highway Emergency Kit		X
Horns, Dual	U05	
Lighting, Auxiliary	ZJ9	
Courtesy Lights		X
Glove Compartment Light		X
Luggage Compt. Light (Except Wagon and Pickup)		X
Ash Tray Light		X
Underhood Light		X
Map Light (Not available on CA1)		X
Headlamp on "Buzzer"		X
Light, Rear Door Jamb Switch - 4-Door Sedan		X
Litter Container (Integrated with right kick panel)	D24	
Mirror, RH		X
Mirrors, LH & RH Sport Outside Rear View Mirrors (Remote control)	D68	
Mirror, L.H. Outside Remote Control Rear View	D33	X
Mirror Sport Outside, Body Color, LH Remote Control & RH		
Manual Control	D35	
Mirror, Trailering - Fender Clamp		X
Mirror, Visor Vanity	D34	X
Molding, Body Side (Except 1AG35)	B84	
Molding, Protective Body Side (5 Colors) Vinyl Insert		X
Radiator, Heavy Duty	V01	
Radio Equipment: Radios, Pushbutton - Includes Concealed W/S Antenna,		
AM Radio	U63	X
AM/FM Radio	U69	X
AM/FM/Stereo Radio	U58	X
Stereo Tape System with AM Radio	UM1	X
Stereo Tape System with AM/FM/Stereo Radio	UM2	X
Speaker, Rear Seat (Except 1AC and 1AD80)	U80	X
Radio, Citizens Band		X
Roof Cover, Vinyl (All except Station Wagon)	C09	
Retainer, Seat Belt Buckle		X
Seat Contour Bucket, Special - 90° Swivel (Not available on 1AC, 1AD29)	AN7	
Seat, Child Safety		X
Seat, Infant Safety		X
Ski Rack, Roof Top		X
Spotlight, Hand		X
Stowaway Spare, Wheel and Tire (Models 29 and 37)	N65	

EXTRA COST EQUIPMENT

<u>EQUIPMENT</u>	<u>RPO</u>	<u>ACC.</u>
<u>OTHER OPTIONS</u>		
Speed Control, Cruise (Required automatic transmission and V-8 engine)	K30	
Steering Wheel, Comfortilt (Used only with automatic transmission)	N33	
Suspension, H.D. Front and Rear (All except Station Wagons)	F40	
Sport Suspension (Requires 70 Series radial ply tires)	F41	
Warmer, Interior Car		X
Wheel Covers, Wire	PB2	
Wheel Trim Covers, Full	P01	X
Windows, Rear Quarter Swing-Out (Station Wagons)	A20	
<u>FACTORY INSTALLED REGULAR PRODUCTION TIRES</u>		
GR78 x 15 Radial Ply Tire Blackwall (All with V8 except Station Wagons)	QCF	
GR78 x 15 Radial Ply Tire Whitewall (All with V-8 engines except Wagons)	QDR	
GR70 x 15 Radial Ply Tire White Lettered - El Camino	QCY	
HR78 x 15 Radial Ply Tire Whitewall - All V8's	QEL	
FR78-15 Radial Ply Blackwall (Used only optionally with L22 engine)	QBU	
FR78-15 Radial Ply Whitewall (Used only optionally with L22 engine)	QBW	
GR70-15 Radial Ply Blackwall (All exc. wagons, required with F41)	QBX	
GR70-15 Radial Ply Whitewall (All exc. wagons, required with F41)	QCX	
HR78-15 Radial Ply Blackwall (Base on wagons)	QDU	
FR78-15 Fiberglass Belted, Blackwall (Base on L6 models)	QKM	
FR78-15 Fiberglass Belted, Whitewall (Optional on L6 models)	QKN	

"SS" OPTION RPO Z15

CONTENT OF EL CAMINO CLASSIC "SS" OPTION RPO Z15 WITH 1AD80

MODEL AVAILABILITY

El Camino Pickup (1AD80)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

'SS' Grille emblem
Upper body side striping - includes 'SS' fender emblem, tailgate striping and
tailgate 'SS' emblem, two colors, black or white, keyed to body color
Body color racing mirrors, LH remote, RH manual
Delete fender 'El Camino' nameplate

BODY - Interior

Monte Carlo instrument cluster with black bezel
'SS' instrument panel identification

CHASSIS

15 x 7 Inch Rally wheels and trim rings
GR70 x 15 Radial ply white lettered tires

THREE SEAT STATION WAGON RPO AQ4

CONTENT OF THREE SEAT STATION WAGON RPO AQ4

MODEL AVAILABILITY

Station Wagons 1AC, 1AD35

POWER TRAIN AVAILABILITY

Available with all applicable V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

"Tip-Out" quarter windows

BODY - Interior

Rear facing third seat in one design vinyl and cloth; in all available interior colors.
Roof mounted courtesy lamp (included in RPO ZJ9 for 2-seat wagons)
Third seat ash tray
Electric liftgate lock release, control switch at instrument panel only

CONTENT OF MALIBU LANDAU CLASSIC MODEL OPTION Z03

MODEL AVAILABILITY

Malibu Classic (1AD37)

POWER TRAIN AVAILABILITY

**Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)**

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

BODY - Exterior

**Specific vinyl roof cover (Landau type)
Pin stripe (black, white, gold, red, silver, green, buckskin)
Sport type, body color remote control rear view mirror LH and manual RH
Wheel covers - bright (ZJ7, or PB2 wheel trim available)
Rub strips
Emblem in quarter window**

CHASSIS

**15 x 6 Wheel
GR78 x 15 Radial ply whitewall tires
No delete option for tires
Dual note horns**

FOUR SEASON (RPO C60)

Integral air cooling and heater system. Manually operated by two horizontal levers on instrument control panel, plus 4-speed fan switch. Upper lever (mode selector control) uses vacuum supply to operate mode doors and compressor. Lower lever uses bowden cable to operate temperature door. Five air outlets: 1 center side, 2 lower.

BASIC COMPONENTS

Control panel, evaporator, blower, condenser, receiver-dehydrator, refrigerant (freon) tank, air intake assembly and duct assembly for both systems.

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

CHASSIS

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

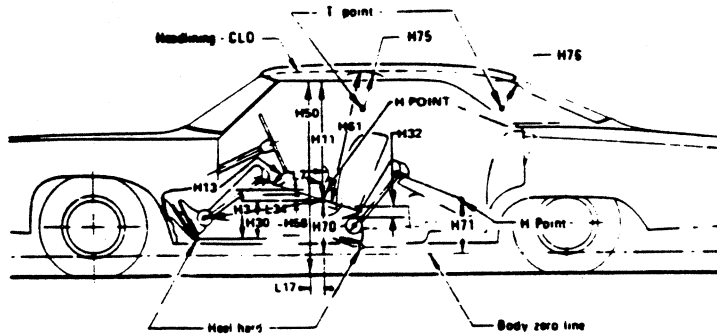
POWER TRAINS

- Fan Blade 7 blade
- Fan Clutch Thermomodulated fluid coupling
- Crankshaft Pulley Single groove pulley
- Water Pump & Fan Pulley Single
- Compressor & Crankshaft Belt One
- Generator 61 Ampere
- Radiator Heavy duty

DIMENSIONS AND WEIGHTS

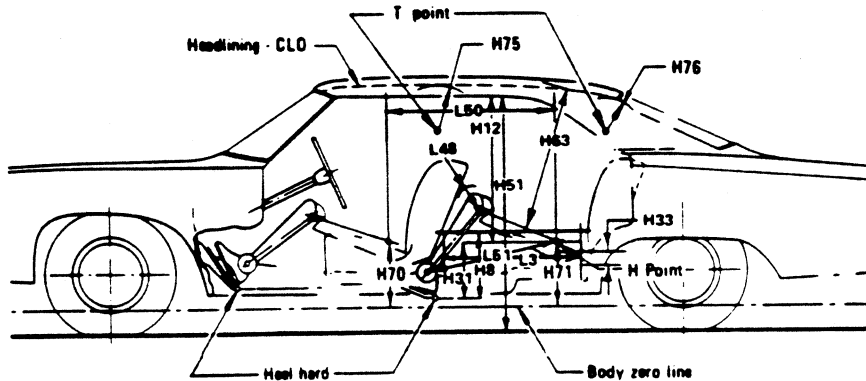
INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
STATION WAGON CARGO SPACE	3
EXTERIOR DIMENSIONS	4, 5
VEHICLE WEIGHTS	6
OPTIONAL EQUIPMENT	7

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
H-3	Seat cushion height	10.5			
H11	Entrance height	31.0	30.2	31.0	30.2
H13	Steering wheel thigh clearance	3.6		3.5	3.6
H30	H point to heel point	8.4			
H32	Seat cushion deflection	3.1			
H50	Upper body opening to ground	49.9	49.2	50.6	49.2
H58	H point rise	0.8			
H61	Effective headroom	37.9	37.2	38.5	37.2
H70	H point to body O line	13.1			
H75	Effective 'T' point headroom	38.1	37.4	38.6	37.4
W3	Shoulder room	59.6			
W5	Hip room	54.7	54.8	54.7	54.8
L7	Steering wheel torso clearance	13.1			
L17	H point travel	5.1			
L34	Effective leg room	42.4		42.3	42.4



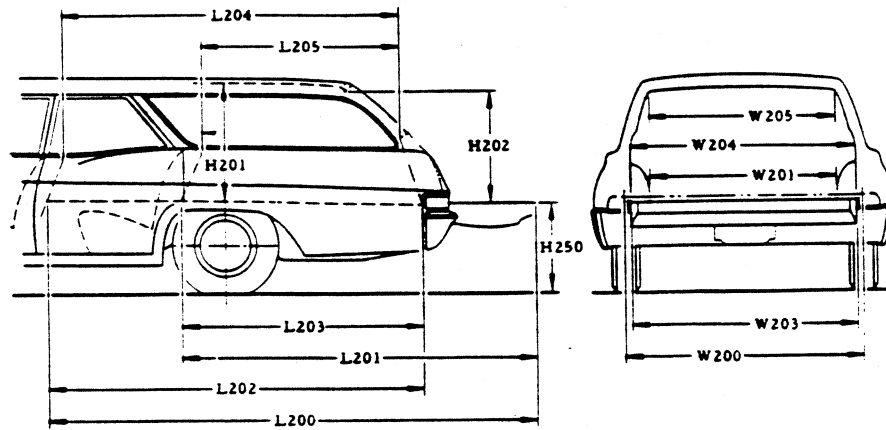
REAR COMPARTMENT

H8	Seat cushion height	13.4	12.2	13.4	-
H12	Entrance height	31.2	-	31.2	-
H31	H point to heel point	11.0	10.1	11.3	-
H33	Seat cushion deflection	3.6	3.7	4.2	-
H51	Upper body opening to ground	49.0	-	50.6	-
H63	Effective headroom	37.3	36.7	39.2	-
H71	H point to body O line	12.4	11.5	12.7	-
H76	Effective 'T' point headroom	37.0	36.5	39.2	-
W4	Shoulder room	58.9	58.0	58.9	-
W6	Hip room	57.8	52.7	55.1	-
L3	Rear compartment room	26.7	24.2	27.3	-
L50	H point couple distance	34.6	31.0	33.1	-
L51	Effective leg room	36.9	32.9	33.3	-

LUGGAGE COMPARTMENT

H195	Liftover height	22.0	21.3	24.2	26.4
V1	Usable luggage capacity (cu.ft.)	14.9	14.5	-	26.2

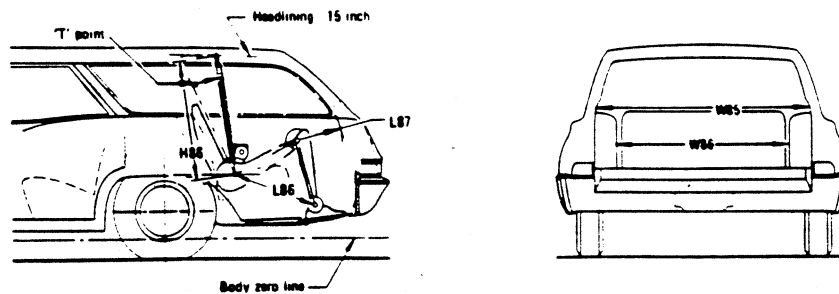
INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
H201	Maximum cargo height	30.1	—
H202	Rear opening height	27.4	—
H250	Tailgate to ground height	24.2	26.4
W200	Cargo width-front	55.0	51.0
W201	Cargo width-wheelhouse	43.6	45.3
W203	Rear opening width at floor	48.0	57.0
W204	Rear opening width at belt	42.5	—
W205	Rear opening width above belt	38.8	—
L200	Maximum cargo length-front seat	90.2	—
L201	Maximum cargo length-second seat	53.9	—
L202	Cargo length at floor-front seat	90.2	80.8
L203	Cargo length at floor-second seat	53.9	—
L204	Cargo length at belt-front seat	82.9	71.4
L205	Cargo length at belt-second seat	48.7	—
V2	Total cargo index volume (cu.ft.)	85.1*	38.0

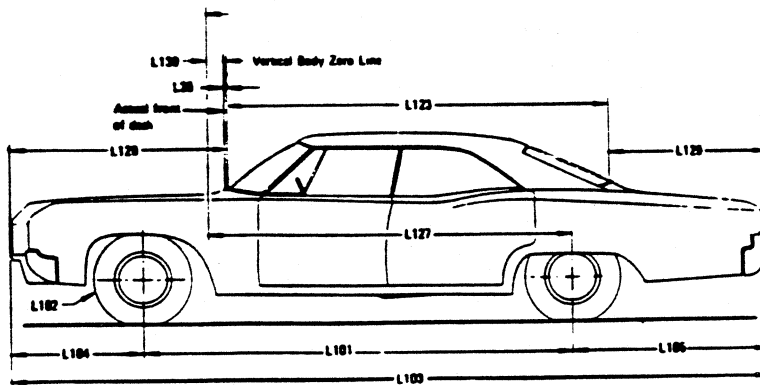
* Concealed storage compartment (cu.ft.) 9.8 cu. ft. 2-seat, 5.8 cu. ft. 3-seat.



STATION WAGON THIRD SEAT

W85	Shoulder room	42.7	—
W86	Hip room	36.5	—
H86	Effective headroom	37.6	—
L86	Effective leg room	27.8	—
L87	Knee room	11.1	—

EXTERIOR DIMENSIONS



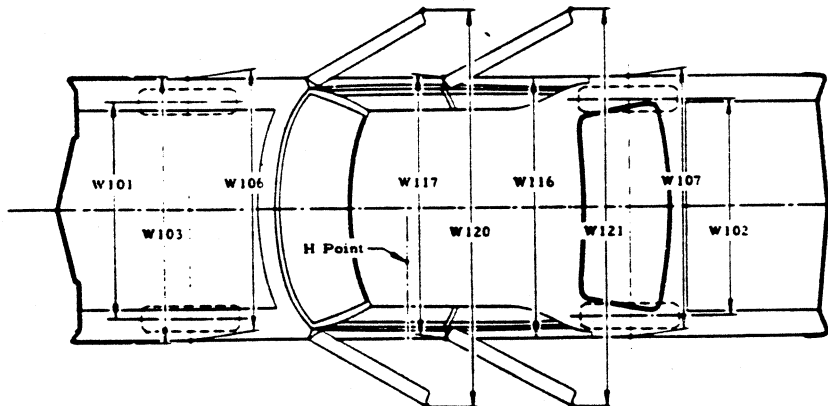
LENGTHS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
L101	Wheelbase	116.0	112.0	116.0	
L102	Tire size (standard)	FR78-15 (a) ●		HR78-15	GR78-15
L103	Overall length	209.7	205.7	215.4	213.3
L104	Overhang, front	40.2			
L105	Overhang, rear	53.2		59.2	57.1
-	Overall length - less bumpers	203.4	199.4	210.0	
L123	Body upper structure length at car center line	101.3	102.0	133.2	58.6
L127	Body O line to C/L of rear wheels	97.5	93.5	97.5	
L128	Front end length at center line	58.3			
L129	Rear end length at center line	32.7	28.0	6.9	-
L125	Body zero plane to windshield cowl point	10.5			
L30	Body O line to actual front of dash	- 0.5			

(a) Sedans & Coupes, with V8 Engine GR78-15 Tire

- With Impact Strips

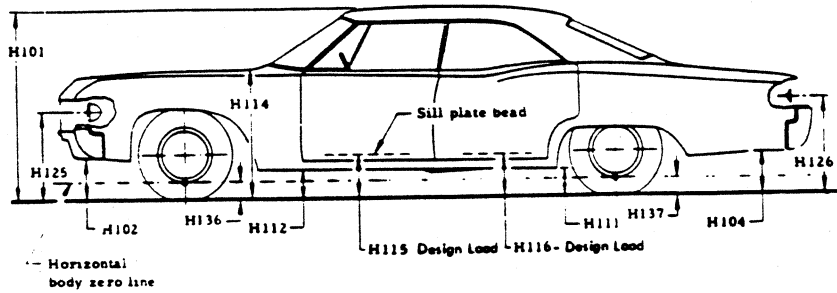
	BASE MODELS			
	4-DOOR	2-DOOR	WAGONS	PICKUP
L103	210.7	206.7	216.4	214.3
L104	40.7	40.7	40.7	40.7
L105	54.0	54.0	59.7	57.6



WIDTHS

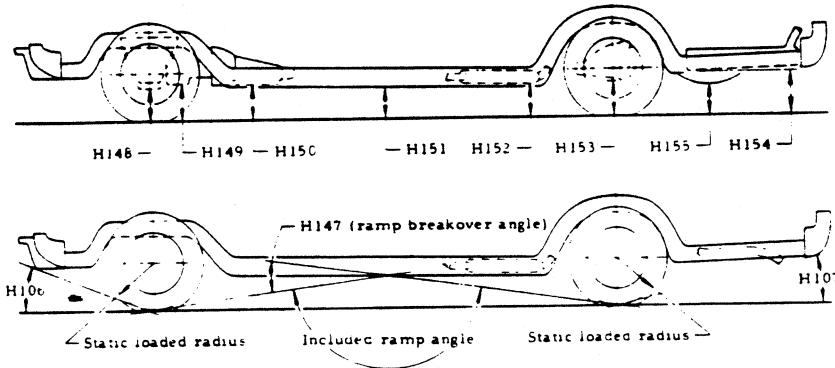
CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
W101	Tread - front	61.5			
W102	Tread - rear	60.7			
W103	Maximum overall width of car	77.3			
W106	Front fender overall width	77.3			
W107	Rear fender overall width	76.8			
W116	Maximum overall width of body	76.9		76.8	76.9
W117	Maximum body width at number 2 pillar	75.5	-	75.2	-
W120	Overall car width, front doors open	139.7	170.7	139.7	170.7
W121	Overall car width, rear doors open	134.7	-	134.7	-

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
H101	Overall height (design)	54.1	53.4	55.8	54.2
H102	Front bumper to ground	12.2	12.3	12.3	13.0
H104	Rear bumper to ground	11.8	11.7	11.6	12.1
H111	Rocker panel to ground - rear	8.4	8.5	9.5	9.1
H112	Rocker panel to ground - front	9.0	9.1	9.7	9.8
H114	Hood at rear to ground		39.0	39.6	39.8
H115	Step height - front (design)		12.9	13.7	13.7
H116	Step height - rear (design)	12.6	-	13.5	-
H125	Headlamp to ground	27.9	28.0	28.1	28.7
H126	Tail lamp to ground	24.7	24.6	17.4	16.4
H136	Body O line to ground - front		5.9	6.6	6.5
H137	Body O line to ground - rear		5.4	6.7	6.0



CLEARANCES

H106	Angle of approach (degrees)	19°7'	19°8'	19°41'	19°8'
H107	Angle of departure (degrees)	15°49'	15°43'	13°49'	13°23'
H147	Ramp breakover angle (degrees)	14°04'	14°60'	14°62'	14°37'
H148	Front suspension to ground	5.4	5.4	5.8	6.1
H149	Oil pan to ground	5.8	5.9	6.3	6.6
H150	Flywheel housing to ground	5.8	5.9	6.2	6.6
H151	Frame to ground	6.1	6.2	6.8	6.9
H152	Exhaust system to ground		5.4	6.2	5.8
H153	Rear axle to ground		6.6	6.9	6.8
H154	Fuel tank to ground		7.1	10.5	9.5
H155	Tire well to ground	-	-	8.8	-
H156	Minimum ground clearance	5.4 (a)	5.4 (a)	6.1 (a)	6.2 (a)

(a) Catalytic converter to ground.

VEHICLE WEIGHTS

MODEL TYPE								
MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1AC37	250 Cu.In. L6 (L22)	2-Door Coupe	2011	1540	3551	1976	1790	3667
1AC29	250 Cu.In. L6 (L22)	4-Door Sedan	2044	1584	3628	2022	1722	3744
1AC35	305 Cu.In. V8 (LG3)	4-Door Station Wgn.	2100	2039	4139	2077	2175	4252
1AC80	250 Cu.In. L6 (L22)	2-Door Pickup	2018	1593	3611	1992	1760	3752
1AD37	250 Cu.In. L6 (L22)	2-Door Coupe	2028	1571	3599	2004	1711	3715
1AD29	250 Cu.In. L6 (L22)	4-Door Sedan	2087	1638	3725	2065	1776	3841
1AD35	350 Cu.In. V8 (LM1)	4-Door Station Wgn.	2153	2080	4233	2129	2217	4346
1AD80	250 Cu.In. L6 (L22)	2-Door Pickup	2048	1595	3643	2022	1762	3784

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline, and engine coolant to capacity.

CURB WEIGHT: Shipping weight plus gasoline to capacity.

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
A31	Power Windows	4-Door	+ 19
		2-Door	+ 8
A42	Power Seat 6-Way Bench	1AD29, 35, 37	+ 22
AN7	Bucket Seat – Swivel	All exc. 1AC29, 37	+ 14
AU3	Electric Door Locks	Used with 2-Door Models	+ 7
		Used with 4-Door Models	+ 13
AQ4	Station Wagon – 3rd Seat		+ 32
B37	Front and Rear Floor Mats	1AA29, 35, 37	+ 9
B37	Front Floor Mat	1AA80	+ 6
CA1	Electric – Sun Roof	1AC37, 1AD37	+ 46
CB4	Landau Roof Cover	1AD37	+ 5
CO9	Vinyl Roof Cover	All except Station Wagons	+ 8
C51	Rear Window Air Deflector	Station Wagons	+ 6
C60	Air Conditioning	With 6 Cyl. Engine	+ 79
		With V8 Engine	+ 90
D55	Floor Console	Turbo Hydra-matic Transmission	+ 15
J50	Power Brakes		+ 11
N41	Power Steering		+ 28
V55	Roof Luggage Carrier	Station Wagons	+ 20
U63	Radio AM Push Button		+ 6
U69	Radio AM/FM Push Button		+ 7
U58	Radio AM/FM Stereo		+ 15
UM1	Radio AM Push Button and Tape		+ 20
UM2	Radio AM/FM Push Button and Tape		+ 21
V30	Front and Rear Bumper Guards	All except Station Wagon and Pickup	+ 11
V30	Front Bumper Guards Only	Station Wagon and Pickup	+ 7
Base	250 Cu. In. L6 Engine	Turbo Hydra-matic Transmission	+ 27
LG3	305 Cu. In. V8 Engine	1AC & 1AD29, 37	+129
		1AA80 & 1AC35	+120
LM1	350 Cu. In. V8 Engine	1AC & 1AD29, 37	+151
		1AA35	+ 23
		1AA80	+138



BODY

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EXTERIOR PAINT PROCESS

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

EXTERIOR-INTERIOR COLORS

EXTERIOR COLORS – VINYL ROOF COMBINATIONS

VINYL TOP COVER (Material – Levant Grain)	EXTERIOR COLOR AVAILABILITY	MODELS	
		1AC-1AD29, 37 1AC-1AD80	1AD37 W/RPO Z03
Silver Metallic	White 11	X	X
	Silver Metallic 13	X	X
	Black 19	X	X
	Dark Blue Metallic 29	X	X
	Firethorn Metallic 36	X	X
	Medium Red 72	X	X
Black	All Available Colors	X	X
White	All Available Colors	X	X
Light Blue Metallic	White 11	X	X
	Light Blue Metallic 22	X	X
	Dark Blue Metallic 29	X	X
Light Buckskin	White 11	X	X
	Black 19	X	X
	Firethorn Metallic 36	X	X
	Medium Green Metallic 44	X	X
	Dark Blue-Green Met. 48	X	X
	Light Buckskin 61	X	X
	Buckskin Metallic 63	X	X
	Brown Metallic 69	X	X
	Medium Red 72	X	X
	Orange Metallic 78	X	X
Medium Green Metallic	White 11	X	X
	Medium Green Met. 44	X	X
	Dark Blue-Green Met. 48	X	X
Firethorn Metallic	White 11	X	X
	Firethorn Metallic 36	X	X

1977 CHEVELLE AND EL CAMINO 'A' INTERIOR-EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM						
		Black		Light Blue		Dark Green	Light Buckskin	
		Cloth	Vinyl	Vinyl	Cloth	Cloth	Cloth	Vinyl
Malibu - 1AC00								
Sport Sedan (29)	(A52) Bench	19B	19Y		24B		64B	64Y
Sport Coupe (37)	(A52) Bench	19B	19Y		24B		64B	64Y
Station Wagon (35)	(A52) Bench		19Y		24B			64Y
El Camino (80)	(A52) Bench	19B	19Y		24B		64B	64Y
Malibu Classic - 1AD00								
Sport Sedan (29)	(A65) Bench			24N	24C	44C		64N
Sport Coupe (37)	(A65) Bench		19N	24N	24C	44C	64C	64N
	(AN7) Bucket		19N	24N				64N
Station Wagon (35)	(A65) Bench		19N	24N			64H	64N
	(AN7) Bucket		19N	24N				64N
El Camino Classic (80)	(A65) Bench		19N	24N	24C		64C	64N
	(AN7) Bucket		19N	24N				64N
EXTERIOR COLOR	Color Code	Black		Light Blue		Dark Green	Light Buckskin	
White	11	R		R		R	R	
Silver Metallic	13	R		-		-	-	
Black	19	R		A		A	R	
Lt. Blue Metallic	22	R		R		-	-	
Dark Blue Metallic	29	A		R		-	-	
Firethorn Metallic	36	A		-		-	R	
Med. Green Metallic	44	A		-		R	A	
Dk. Blue Green Metallic	48	A		-		R	R	
Cream Gold	50	R		-		-	-	
Light Buckskin	61	R		-		-	R	
Buckskin Metallic	63	R		-		-	R	
Brown Metallic	69	-		-		-	R	
Red	72	A		-		-	R	
Orange Metallic	78	R		-		-	R	

R - Recommended
A - Acceptable

Override RPO ZP2 will be provided to permit ordering of any interior-exterior color combination.

CLOTH AND VINYL USAGE

Y-Rattan vinyl
B-Radcliffe, 722 WC, woven sport cloth
N-Wallaby vinyl
C-Windsor, 712 WC, knit cloth
H-Rutledge, 76 C/O 612 WC, woven sport cloth

1977 CHEVELLE AND EL CAMINO 'A' INTERIOR-EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM					
		Dk. Firethorn		White			
		Vinyl	Cloth	† Vinyl /Black	† Vinyl /Dark Blue	† Vinyl /Dark Firethorn	† Vinyl /Dark Green
Malibu - 1AC00							
Sport Sedan (29)	(A52) Bench			11Y	02Y	07Y	04Y
Sport Coupe (37)	(A52) Bench						
Station Wagon (35)	(A52) Bench						
El Camino (80)	(A52) Bench						
Malibu Classic - 1AD00							
Sport Sedan (29)	(A65) Bench		71C				
Sport Coupe (37)	(A65) Bench	71N	71C	11N	02N	07N	04N
	(AN7) Bucket	71N		11N	02N	07N	04N
Station Wagon (35)	(A65) Bench	71N					
	(AN7) Bucket	71N					
El Camino Classic (80)	(A65) Bench	71N	71C	11N	02N	07N	04N
	(AN7) Bucket	71N		11N	02N	07N	04N
EXTERIOR COLOR	Color Code	Dark Firethorn		White/Black	White/Dk. Blue	White/Dk. Firethorn	White/Dk. Green
White	11	R		R	R	R	R
Silver Metallic	13	R		R	-	-	-
Black	19	R		R	-	R	-
Lt. Blue Metallic	22	-		A	R	-	-
Dark Blue Metallic	29	-		A	R	-	-
Firethorn Metallic	36	R		A	-	R	-
Med. Green Metallic	44	-		A	-	-	R
Dk. Blue Green Metallic	48	-		A	-	-	R
Cream Gold	50	-		R	-	-	-
Light Buckskin	61	R		A	-	-	-
Buckskin Metallic	63	-		A	-	-	-
Brown Metallic	69	-		A	-	-	-
Red	72	R		A	-	R	-
Orange Metallic	78	-		R	-	-	-

R - Recommended
A - Acceptable

Override RPO ZP2 will be provided to permit ordering of any interior-exterior color combination.

CLOTH AND VINYL USAGE

- Y - Rattan vinyl
- B - Radcliffe, 722 WC, woven sport cloth
- N - Wallaby vinyl
- C - Windsor, 712 WC, knit cloth
- H - Rutledge, 76 C/O 612 WC, woven sport cloth

- NOTES: † 11Y/11N - White interior with Black Instrument Panel, Carpet, Cowl Kick Panel, and Package Shelf.
 † 02Y/02N - White interior with Dark Blue Instrument Panel, Carpet, Cowl Kick Panel, and Package Shelf.
 † 04Y/04N - White interior with Dark Green Instrument Panel, Carpet, Cowl Kick Panel, and Package Shelf.
 † 07Y/07N - White interior with Dark Firethorn Instrument Panel, Carpet, Cowl Kick Panel, and Package Shelf.

**1977 MALIBU AND EL CAMINO
(1AC and 1AD 29, 37, 80; 5AA00)**

TWO-TONE COLOR COMBINATIONS (RPO D99)

EXTERIOR COLORS			
LOWER		UPPER	
Med. Green Met.	44L	White	11U
Dk. Blue Met.	29L	Lt. Blue Met.	22U
Red	72L	White	11U
Dk. Blue Green Met.	48L	Med. Green Met.	44U
Light Blue Met.	22L	White	11U
Orange Met.	78L	White	11U
Brown Met.	69L	Light Buckskin	61U

EXTERIOR-INTERIOR COLORS

1977 EL CAMINO RPO D91 "CONQUISTA" - 1AD80

EXTERIOR COLORS			
ROOF AND LOWER BODY		HOOD AND CENTER BODY	
Black	19	White	11
Light Blue Metallic	22	White	11
Dark Blue Metallic	29	Silver	13
Dark Blue Metallic	29	Light Blue Metallic	22
Med. Green Metallic	44	White	11
Dk. Blue Green Met.	48	Med. Green Met.	44
Brown Metallic	69	Lt. Buckskin	61
Red (Med.)	72	White	11
Orange Metallic	78	White	11

EL CAMINO "SS" (RPO Z15) - 1AD80

STRIPE COLOR	EXTERIOR COLOR
White (11A) WA 3967	Avail. with all Exterior COLORS except WHITE 11
Black (19A) WA 848	Avail. with all Exterior Colors except BLACK 19

BODY CONSTRUCTION AND GLASS AREA

GENERAL

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

DOORS AND LOCKS

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

HOOD AND TRUNK LID

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

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber. To assure constant flow, heater blower circulates air thru lower vent when ignition is on.

SEAT CONSTRUCTION

Type
 All seat cushions and backrests .. Formed polyfoam

WINDSHIELD WIPERS AND WASHERS

Type Concealed dual 2-speed electric
 Linkage Parallel acting with articulated left arm.

HEADLAMPS

1AD Models Dual rectangular units
 1AC Models Single units

SPARE TIRE AND TOOLS

Location Sedans and Sport Coupe, horizontal, front center of trunk floor; Station Wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

LIFTGATE

Type Top hinged with fixed back window and telescopic spring loaded assist tubes.

BODY GLASS VISIBILITY AREA

	MODELS			
	29	1AC & 1AD37	35	80
Windshield	1332.6	1276.6	1332.6	1276.6
Front Door Window	1101.6	1331.1	1101.6	1252.0
Rear Door Window	758.7	-	828.9	-
Rear Quarter Window	267.6	187.5	1243.8	-
Back Window	1262.9	1307.2	926.1	573.2
Total Area (Sq. In.)	4723.4	4102.4	5433.0	3101.8

CHASSIS

FRAME AND FRONT SUSPENSION	2-3
STEERING, DRIVELINE, WHEELS AND TIRES	4
REAR AXLE AND SUSPENSION	5-6
BRAKES	7
BULBS AND LAMPS	8
FUSES AND CIRCUIT BREAKERS	9

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FRAME AND FRONT SUSPENSION

FRAME

Description All welded perimeter frame with front crossmember, rear axle upper control arm crossmember, and rear crossmember. Rear axle kick-up box welded construction.

Body Mountings

Coupes 7 each side of frame,
10 double cushions and 4 single cushions
Sedans 7 each side of frame,
12 double cushion and 2 single cushions
Station Wagon & Pickup 7 each side of frame,
10 double cushion and 4 single cushions

FRONT SUSPENSION

Description Independent, SLA type with coil springs and concentric shock absorbers; spherical jointed steering knuckle for each wheel.

Wheel travel (design)

Total 7.82
Jounce 3.54
Rebound 4.28
Wheel to spring travel ratio 2.09:1

CONTROL ARMS

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

STEERING KNUCKLES

Description Nodular iron with integral steering knuckle arm.

Spindle diameters

Inner bearing 1.2493-1.2498
Outer bearing7493-.7498

Spindle thread size 3/4-20 NEF-3 (modified)

Wheel bearing

Type Taper roller
Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for wear
Bearing surfaces
Upper Teflon-cotton composite on phenolic
Lower Sintered iron

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR

Type Link
Material HR steel
Diameter
Coupes, Sedans and Pickup 0.94
Station Wagons 1.00

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left $P1 \pm 1/2$; Right $P1/2 \pm 1/2$
Caster (degrees) $P2 \pm 1/2$
Toe (Total) $1/16 \pm 1/16$
Steering axis inclination (degrees) $9.6 @ 1^\circ$ camber

GENERAL SUSPENSION PROVISIONS

Car leveling Front stabilizer bar
Anti-dive control Angle of front upper control arm
Anti-squat control Rear suspension geometry

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (In. @ Lbs.)
334446	KJ	128.94	.668	8.49	365	16.03	11.0 @ 1825
334447	KT	128.96	.668	8.49	365	16.23	11.0 @ 1900
334450	KU	132.09	.674	8.69	365	16.44	11.0 @ 1975
334451	KV	133.68	.677	8.79	365	16.64	11.0 @ 2050
334452	KW	135.26	.679	8.89	365	16.85	11.0 @ 2125
334453	KX	138.40	.685	9.09	365	17.06	11.0 @ 2200
378579	ATN	137.23	.649	9.32	300	17.23	11.0 @ 1860
378580	ATR	144.98	.661	9.82	300	17.43	11.0 @ 1920
378581	ATS	145.01	.661	9.82	300	17.63	11.0 @ 1980
378582	ATT	148.13	.665	10.02	300	17.83	11.0 @ 2040
378583	ATU	151.26	.670	10.22	300	18.03	11.0 @ 2100
378584	ATW	152.83	.672	10.32	300	18.23	11.0 @ 2160
378585	ATZ	154.41	.674	10.42	300	18.43	11.0 @ 2220
462509	AUM	141.08	.688	9.30	365	17.26	11.0 @ 2275
462524	AWH	106.33	.680	7.00	500	14.83	11.0 @ 1900
462525	AWJ	106.36	.680	7.00	500	15.03	11.0 @ 2000
462526	AWK	125.26	.721	8.20	500	15.23	11.0 @ 2100
462527	AWM	125.29	.721	8.20	500	15.43	11.0 @ 2200
462528	AWN	125.32	.721	8.20	500	15.63	11.0 @ 2300
462529	AWR	129.81	.730	8.49	500	15.83	11.0 @ 2400
462530	AWS	131.47	.733	8.59	500	16.03	11.0 @ 2500
6262426	DJ	126.26	.680	8.29	400	15.90	11.0 @ 1950
6262427	DK	129.40	.686	8.49	400	16.10	11.0 @ 2030
6262428	DL	130.99	.688	8.59	400	16.30	11.0 @ 2110
6262429	DM	132.58	.691	8.69	400	16.50	11.0 @ 2190
6262430	DN	135.73	.697	8.89	400	16.70	11.0 @ 2270
6272855	HE	137.32	.700	8.99	400	16.90	11.0 @ 2350

REAR AXLE

Description	Semi-floating axle shafts housing consists of two welded tubes pressed into crossbore of cast iron carrier. Carrier contains an overhung hypoid drive pinion and supported by two taper roller bearings.
Drive pinion vertical offset	1.50
Hypoid gear Pitch Diameter	(see Power Trains section, page 2 for application)
Sedans, Coupes & Pickups	2.56, 2.73, 3.08
Station Wagons	2.73, 3.08
Pinion bearing adjustment	Shim
Lubricant	
Type	Military Spec. MIL-L-2105-B
Viscosity	80W-90
Capacity (pts)	4.00

AXLE SHAFT

Type	Forged with hardened steel with integral drive flange
Wheel bearings	Single row cylindrical roller, one per wheel
Oil seal	Steel encased spring loaded synthetic rubber

RING AND PINION GEAR TOOTH COMBINATIONS

(See Power Train Section for application)

2.56:1	41, 16
2.73:1	41, 15
3.08:1	40, 13

POSITRACTION DIFFERENTIAL (See Power Trains)

Type	Multiple disc clutches
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REAR SUSPENSION

Description	Link type. 2 upper and 2 lower control arms supporting rear axle. Drive and torque taken through control arms.
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Wheel travel (design)

Total	
Coupes and Sedans	8.67
Station Wagons and Pickups	8.10
Jounce	
Coupes and Sedans	3.80
Station Wagons and Pickups	3.00
Rebound	
Coupes and Sedans	4.87
Station Wagons and Pickups	5.10
Wheel to spring travel ratio	0.97:1

SHOCK ABSORBERS

Type	Direct, double-acting, hydraulic; air booster type for Sedan Pickup.
Piston diameter	1.00

STABILIZER BAR - OPTIONAL

Availability	Sedans & Coupes
Type	Link
Material	Steel
Diameter	0.875

REAR AXLE AND SUSPENSION

REAR SPRINGS

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

REAR SPRING SPECIFICATIONS

Part Number	Assy. No.	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	HEIGHTS	
						Free	Working (In. @ Lbs.)
482062	XG	123.4	.560	7.23	115	17.39	10.0 @ 850
485687	TG	103.5	.622	5.82	175	14.57	10.0 @ 800
485688	TH	106.1	.627	5.93	175	14.86	10.0 @ 850
485689	WL	106.1	.627	5.93	175	15.14	10.0 @ 900
485706	SC	97.1	.558	5.56	125	14.80	10.0 @ 600
485707	KJ	100.9	.565	5.73	125	15.20	10.0 @ 650
485712	TD	111.2	.529	6.63	100	17.00	10.0 @ 700
485713	WR	116.6	.537	6.90	100	17.50	10.0 @ 750
485714	WS	122.3	.545	7.19	100	18.00	10.0 @ 800
485715	WT	125.3	.549	7.34	100	18.50	10.0 @ 850
485720	OB	105.8	.540	6.33	115	16.09	10.0 @ 700
485721	TF	110.8	.548	6.59	115	16.52	10.0 @ 750
485722	ZX	115.3	.555	6.82	115	16.96	10.0 @ 800
485724	SU	122.8	.666	7.20	115	17.83	10.0 @ 900
485736	TA	99.8	.558	6.01	140	15.00	10.0 @ 700
485737	ZZ	107.8	.572	6.41	140	15.36	10.0 @ 750
485738	WV	107.8	.572	6.41	140	15.71	10.0 @ 800
485739	WV	112.0	.579	6.62	140	16.07	10.0 @ 850
485740	OA	114.5	.583	6.75	140	18.43	10.0 @ 900
487390	WW	94.7	.570	5.43	140	14.29	10.0 @ 600
487391	KK	98.3	.577	5.60	140	14.64	10.0 @ 650
490497	TR	94.7	.570	5.43	140	13.93	10.0 @ 550

General	Type	Coupes, Sedans & Pickup Manual – Standard Power Assisted – Optional *	Station Wagons Power Assisted – Standard	
	System	Dual circuit hydraulic system with warning lights and self-adjusting features – metering and proportioning valves provide balance between front and rear brakes.		
Front Brakes	Type	Disc – single piston, floating caliper		
	Material	Cast iron – vented		
	Diameter and Width	11.0 x 1.03		
	Lining Material	Molded asbestos composition		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Inboard	5.40 x 1.92 x 0.465	
		Outboard	5.40 x 1.92 x 0.465	
	Lining area (sq. in.)	38.76		
	Effective area (sq. in.)	36.80		
	Swept area (sq. in.)	210.4		
Piston diameter	2.94			
Rear Brakes	Type	Finned drum – composite, web cast into rim		
	Material	Web – HR steel; Rim – Cast alloy iron		
	Diameter and Width	11.0 x 2		
	Lining material	Molded asbestos composition		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Primary	8.87 x 2.0 x 0.25	
		Secondary	11.12 x 2.0 x 0.30	
	Lining area (sq. in.)	67.04		
	Effective area (sq. in.)	63.74		
	Swept area (sq. in.)	138.2		
Piston diameter	.938			
Apply System	Master cylinder diameter	Manual .9375; Power 1.125	1.125	
	Piston travel	Manual 1.41; Power 1.41	1.41	
	Pedal travel	Manual 9.10; Power 5.40	5.40	
	Pedal ratio	Manual 6.29:1; Power 3.50:1	3.50:1	
	Line pressure @ 100 lb. pedal load	700		
Parking Brake	Type	Mechanical – Pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided		
	Control	Pendulum foot pedal; released by 'T' handle located on instrument panel left of steering wheel.		
	Total effective area	63.72		

*–Standard with V-8 engine models.

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP	
Automatic transmission quadrant	1-168	3	
Back-up	2-1156	32	
Brake warning - alarm	1-168	3	
Courtesy - Instrument panel	2-631	6	
Directional signal indicators	2-168	3	
Dome	1-211	12	
Generator indicator	1-168	3	
Glove compartment	1-1891	2	
Headlamp	IAC	High beam 60W	
		Low beam 50W	
	Lower	2-4651	High beam 50W
	IAD	2-4652	Low beam 60W
Upper			High beam 40W
Headlamp hi-beam indicator	1-168	3	
Heater controls	1-194	2	
Instrument cluster	4-168	3	
License plate, rear	2-194	2 Coupes & Sedans	
	1-168	3 Station Wagons	
	1-67	4 Pickups	
Luggage compartment	1-1003	15	
Map visor lamp	1-561	12	
Oil pressure indicator	1-168	3	
Parking			
Park	2-1157	3	
Turn		32	
Radio dial RPO U63 and/or U69	1-1893	2	
Radio dial and indicator RPO US8	1-216 (dial)	1-dial	
	1-66 (indicator)	.1-indicator	
Radio dial and indicator RPO UM1 and/or UM2	1-564 (dial)	2-dial	
	1-66 (indicator)	.1-indicator	
Rear compt. courtesy lamp	1-562	6	
Seat belt warning	1-168	3	
Side Marker - Front	2-194	2	
Side Marker - Rear	2-194	2	
Station wagon gate ajar indicator	1-168	3	
Tail	4-1157 Coupes & Sedan		
	4-1157 Station Wagons	3	
	2-1157 Pickups	32	
Stop and turn			
Temperature indicator	1-168	3	
Underhood	1-93	15	
W/S washer and light	1-168	2	

FUSES AND CIRCUIT BREAKERS

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

* Letter suffix indicates same circuit

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POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS*			RING GEAR
			BELOW 4000 FT.		ABOVE 4000 FEET	
			BASE	OPT.		
250 Cubic Inch L-6 (4.1 litre) - (L22) Base - all states	3-Speed (3.11:1 low) (a)	All Models except Station Wagons	2.73:1	3.08:1	-	8.50
	Turbo Hydra-matic		2.73:1	3.08:1	3.08:1	
305 Cubic Inch V-8 (5.0 litre) - (LG3) Optional-all states exc. California	Turbo Hydra-matic	Sedans, Coupes & Pickups	2.56:1	-	-	8.50
		Station Wagons (b)	2.73:1	-	-	8.75
350 Cubic Inch V-8 (5.7 litre) - (LM1) Optional-all states	Turbo Hydra-matic	Sedans, Coupes & Pickups	2.56:1	3.08:1	3.08:1	8.50
		Station Wagons (c)	2.73:1	3.08:1	3.08:1	8.75

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

(a) Not available in California

(b) Base on model 1AC35 station wagon.

(c) Base on model 1AD35 station wagon.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
250 Cu.In. L-6 Standard - All Models except Station Wagons	Single Barrel	3-Speed (a)	8.49	5.02	2.73	—	8.79	2.73:1

(a) Not available in California

WITH AUTOMATIC TRANSMISSION

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
250 Cu.In. L-6 Standard-All Models except Station Wagons	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.59:1 - 5.30:1	
305 Cu.In. V-8 RPO LG3 (All models except Station Wagons)	Turbo Hydra-matic	Drive	12.90:1 - 2.56:1	2.56:1
		Low	12.90:1 - 6.45:1	
		Second	12.90:1 - 3.89:1	
		Reverse	9.93:1 - 4.97:1	
350 Cu.In. V-8 RPO LM1 (All models except Station Wagons)	Turbo Hydra-matic	Drive	12.90:1 - 2.56:1	2.56:1
		Low	12.90:1 - 6.45:1	
		Second	12.90:1 - 3.89:1	
		Reverse	9.93:1 - 4.97:1	
305 Cu.In. V-8 RPO LG3 (1AC35 Only)	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.59:1 - 5.30:1	
350 Cu.In. V8 RPO LM1 (Station Wagons only)	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.59:1 - 5.30:1	

* Axle ratio x transmission ratio

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type		L6	V8-OHV	
Piston Displacement (Cu.In.)		250	R-305	V8-350
Availability		Standard		LM1
Bore (nominal)		3.875		4.00
Stroke (nominal)		3.53		3.48
Compression Ratio		8.3:1		8.5:1
Taxable (SAE) Horsepower		36.0	44.7	51.2
Firing Order		1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Idling Speed	3-Speed (in neutral)	850	-	
	Turbo Hydra-matic (in drive)	550	600	
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		130	160	
Power Plant Mountings	Front	Two-preloaded captive cushion type		
	Rear	one; full shear type		
Measurements	Fan to rear of engine block	35.78	31.55	
	Top of air cleaner to bottom of oil pan	27.22	29.60	28.52
	Width - including air cleaner (a)	17.76	28.53	

(a) L6 engine - (Oil filter to exhaust manifold); V8 engines (across exhaust manifolds)

ADVERTISED ENGINE RATING

Engine Designation		250 L6	305 V8	350 V8
Availability		Std. - L22	LG3	RPO LM1
Carburetor		Single Bbl.	Two Bbl.	Four Bbl.
Net Brake HP @ RPM	Federal	110 @ 3800 (a)	145 @ 3800	170 @ 3800
	California	90 @ 3600		160 @ 3800 (a)
Net Torque @ RPM (lb. ft.)	Federal	195 @ 1600 (a)	245 @ 2400	270 @ 2400
	California	180 @ 1600		260 @ 2400 (a)

(a) Also Federal ratings above 4000 feet altitude.

ENGINE SPEED AND PISTON TRAVEL

L-6 250 CU. IN. ENGINE

Model Availability	Malibu & Malibu Classic - Coupes & Sedans		El Camino Pickup		
Transmission	3-Speed	Turbo Hydra-matic	3-Speed	Turbo Hydra-matic	
Rear Axle Ratio	2.73:1		2.73:1		
Tire Size	FR78 x 15B		GR78 x 15B		
Crankshaft Revolutions per Mile	2126.7		2083.0		
Crankshaft RPM @ 1 MPH	Low	110.2	89.3	108.0	87.5
	Second	65.2	53.9	63.9	52.8
	Third	35.4	35.4	34.7	34.7
	Reverse	114.1	68.8	103.4	67.4
Piston Travel (ft/mile)	1251.2		1225.5		

V-8 305 CU. IN. (RPO LG3) & V8-350 CU. IN. (RPO LM1)

Model Availability	All models except Station Wagons		Station Wagons
Transmission	Turbo Hydra-matic		
Rear Axle Ratio	2.56:1		2.73:1
Tire Size	GR78 x 15B		HR78-15B
Crankshaft Revolutions per Mile	1953.3		2031.1
Crankshaft RPM @ 1 MPH	Low	82.0	85.3
	Second	49.5	51.5
	Third	32.6	33.9
	Reverse	63.2	65.7
Piston Travel (ft/mile)	1132.9		1178.0

VEHICLE PERFORMANCE FACTORS

ENGINE	250 Cu.IN. L6 110 HP	305 CU.IN. V8 145 HP	350 CU.IN. V8 170 HP
MODEL	1AC37	1AC29	1AD37

3-SPEED TRANSMISSION

Performance Weight (Pounds)		4267
Pounds/Net Horsepower	Federal	38.79
	California	47.41
Pounds/Cu. In. Displacement		17.07
Net HP/Cu.In. Displacement	Federal	.440
	California	.360
Power Displacement (cu.ft./mile)		153.84
Displacement Factor (cu.ft./ton mile)		72.11

TURBO HYDRA-MATIC

Performance Weight (Pounds)		4294	4473	4466
Pounds/Net Horsepower	Federal	39.04	30.85	26.27
	California	47.71	33.13	27.91
Pounds/Cu.In. Displacement		17.18	14.66	12.76
Net HP/Cu.In. Displacement	Federal	.440	.475	.486
	California	.360	.443	.457
Power Displacement (cu.ft./mile)		153.84	172.38	197.81
Displacement Factor (cu.ft./ton mile)		71.65	77.07	88.58

GLOSSARY

Performance Weight	Curb Weight plus 600 lb. (weight of four 150 lb passengers)
Power Displacement	$\frac{\text{Crankshaft Revs/Mi} \times \text{Piston Displacement}}{2 \times 1728}$
Displacement Factor	$\frac{\text{Power Displacement}}{\text{Performance Wt (tons)}}$

PRINCIPAL COMPONENTS

CYLINDER BLOCK

- Material Cast alloy iron
- Bore Diameter
 - L6-250 Cu.In. 3.8745-3.8775
 - V8-305 Cu.In. 3.7355-3.7385
 - V8-350 Cu.In. 3.9995-4.0025
- Bearing Caps (Number, material & attachment)
 - L6-250 Cu.In. 7, cast iron, 2-bolt
 - V8-305 & 350 Cu.In. 5, cast iron, 2-bolt
- Water Jacket Full length around each cylinder
- Bore Spacing (Centerline to Centerline)
 - L6-250 Cu.In. 4.4
 - V8-305 & 350 Cu.In. 4.4

CYLINDER HEAD

- Material High chrome cast alloy iron
- Bolt No. & Size
 - L6-250 Cu.In. 14; .500 dia. 13 threads/in.
 - V8-305, & 350 Cu.In. . . 34; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

- (Total chamber volume of assembled engine with piston at top center)
- L6-250 Cu.In. 5.77 Cu.In.
 - V8-305 Cu.In. 5.13 Cu.In.
 - V8-350 Cu.In. 6.27 Cu.In.

INLET MANIFOLD

- Material Cast alloy iron
- Type
 - L6 engine Integral with cylinder head
 - V8 engines 8 port, double deck

EXHAUST MANIFOLD

- Material Cast alloy iron
- Type
 - L6-250 Cu.In. . . 4 port, underslung, center downtake
 - V8-305 & 350 Cu.In. . . Dual, 4 port, rear downtake
- Outlet Diameter
 - L6-250 Cu.In. 2.25
 - V8-305 & 350 Cu.In. 2.0

CRANKSHAFT

- Material Cast nodular iron
- End Play
 - L6-250 Cu.In.002-.006
 - V8-305 & 350 Cu.In.002-.007
- Counter Weights
 - L6-250 Cu.In. 12
 - V8-305 & 350 Cu.In. 6
- Crank Arm Length
 - L6-250 Cu.In. 1.765
 - V8-305 Cu.In. 1.74
 - V8-350 Cu.In. 1.74
- Torsional Damper Rubber mounted inertia
- Timing Gear
 - L6 Cast iron; helical cut
 - V8 Sintered iron; sprocket & chain
- Pulley Pitch Diameter 6.64

MAIN BEARINGS

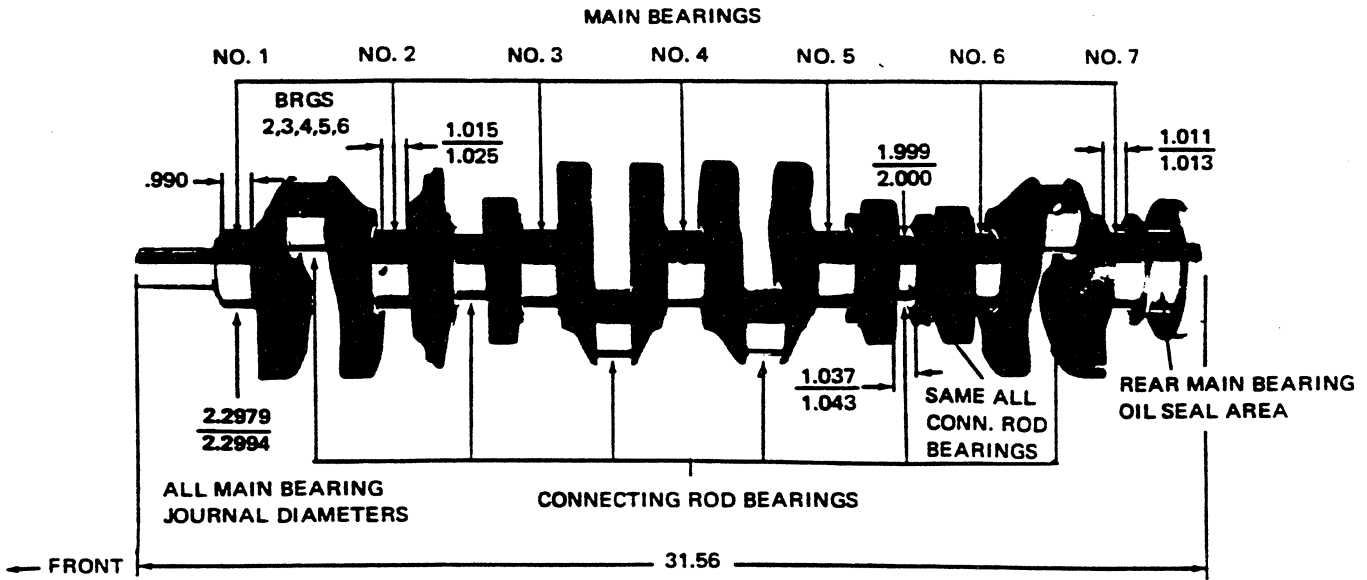
- Material Steel backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
- Type Precision removable
- Thrust Against Bearing No. L6-No. 7; V8-No. 5
- Clearance
 - L6-250 Cu.In.0003-.0029
 - V8-305 & 350 Cu.In. (No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033

Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area Sq.In.
L6-250 Cu.In.			
Bearing No. 1-6	2.2999	.752	1.7295
Bearing No. 7	2.2999	.760	1.7479
V8-305 & 350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.180	2.8919

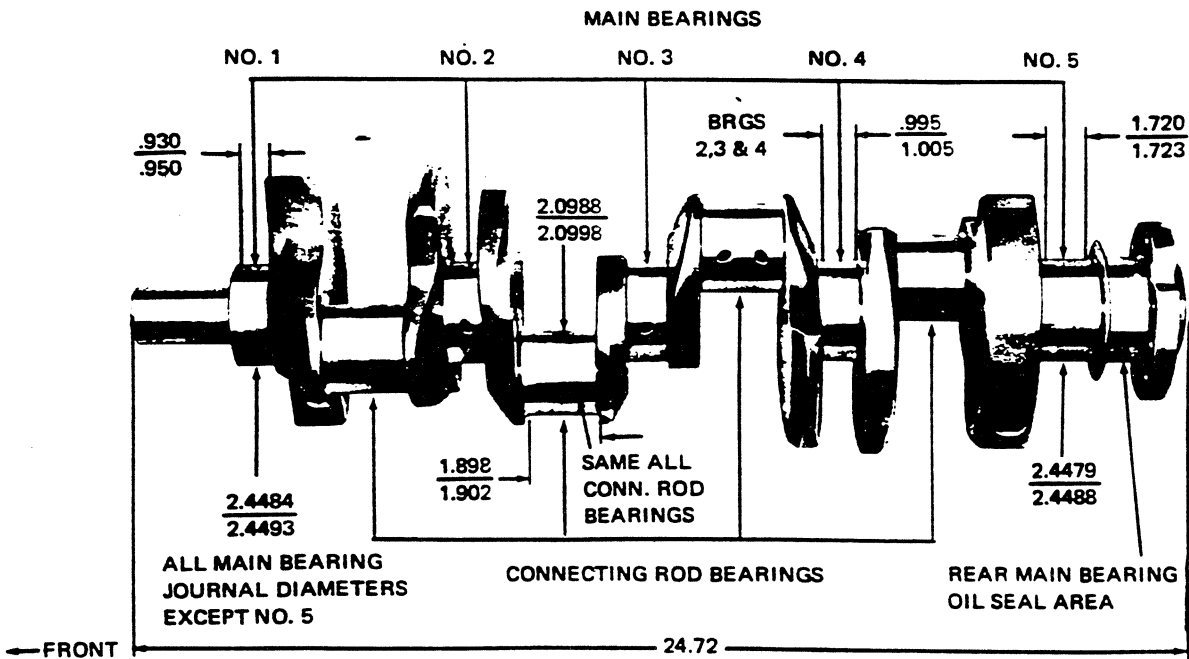
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



V8-305 & 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

CAMSHAFT

Material Cast alloy iron
 Drive
 L6 Gear; aluminum alloy
 V8 Sprocket & chain; nylon teeth with aluminum head

Lobe Lift

L6-250 Cu.In.2217 Inlet; .2315 Exhaust
 V8-305 Cu.In.2484 Inlet; .2667 Exhaust
 V8-350 Cu.In.2600 Inlet; .2733 Exhaust
 Camshaft Bearing Steel backed babbit

VALVE TRAIN

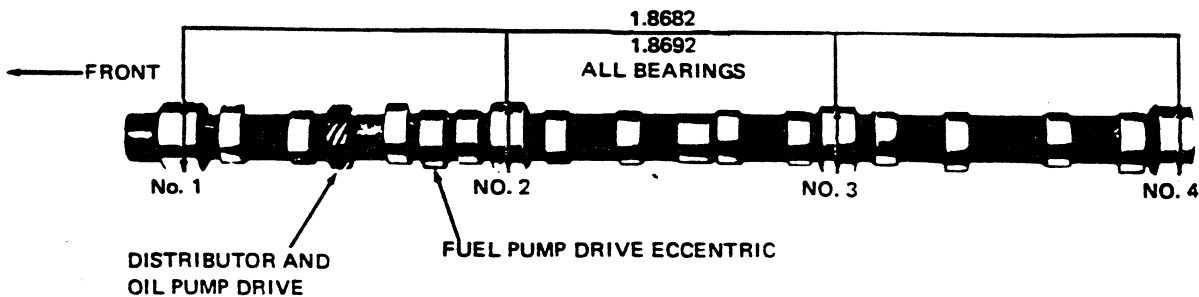
Type Individually mounted, overhead rocker arms, push rod actuated
 Rocker Arms Stamped steel
 Ratio
 L6-250 Cu.In. 1.75:1
 V8-305 & 350 Cu.In. 1.50:1
 Push Rods
 Type Hollow steel
 Ends Hardened
 Rotators (V8-305 & 350) Exhaust

VALVE SPRINGS

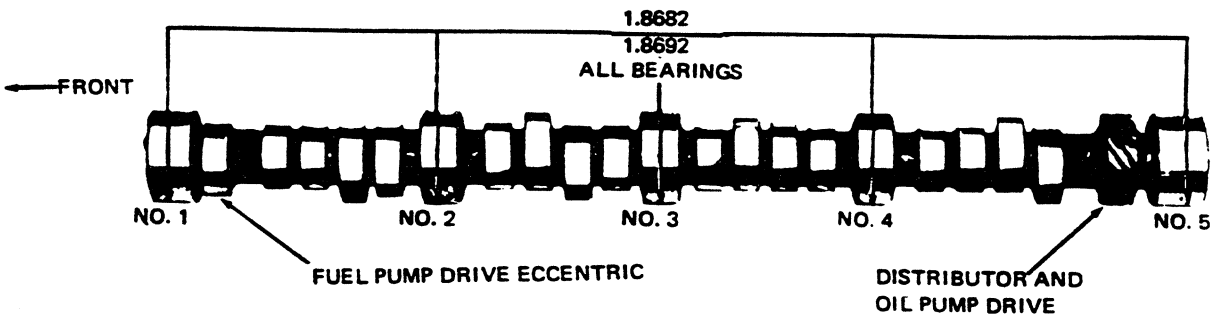
Diameter
 L6-250 Cu.In.872-.888
 V8-305 & 350 Cu.In.868-.884
 Installed Length (lb. @ in.)
 Valves closed
 L6-250 Cu.In. 78-86 @ 1.66
 V8-305 & 350 Cu.In.
 Inlet 76-84 @ 1.70
 Exhaust 76-84 @ 1.61
 Valves opened
 L6-250 Cu.In. 170-180 @ 1.27
 V8-305 & 350 Cu.In.
 Inlet 194-206 @ 1.25
 Exhaust 194-206 @ 1.16
 Free Length
 L6-250 Cu.In. 1.90
 V8-305 & 350 Cu.In. 2.03
 Valve Spring Damper
 L6-250 Cu.In. None
 V8-305 & 350 Cu.In. Flat steel, 4 coils

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



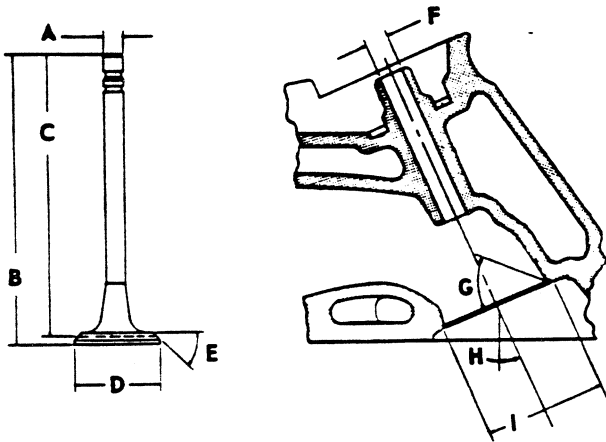
V8-305 & 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

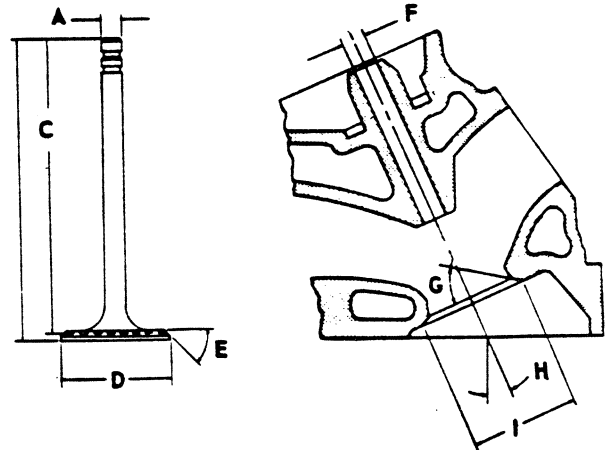
Material	Alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-350 Cu.In.	None
V8-305 Cu.In.	Aluminized face
All Stems	Chrome flash



A - Stem Diameter	
L6-250 Cu.In. ....	.3410-.3417
V8-305 & 350 Cu.In. ....	.3410-.3417
B - Overall Length	
L6-250 Cu.In.	4.902-4.922
V8-305 Cu.In.	4.902-4.922
V8-350 Cu.In.	4.870-4.889
C - Gage Length	
L6-250 Cu.In.	4.785-4.795
V8-305 & 350 Cu.In.	4.785-4.795
D - Overall Head Diameter	
L6-250 Cu.In.	1.715-1.725
V8-305 Cu.In.	1.715-1.725
V8-350 Cu.In.	1.935-1.945
E - Angle of Face	45°
F - Guide Diameter	
L6-250 Cu.In. ....	.3427-.3437
V8-305 & 350 Cu.In. ....	.3427-.3437
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu.In.	9°
V8-305 & 350 Cu.In.	23°
I - Valve Seat (cutter) Diameter	
L6-250 Cu.In.	1.591-1.597
V8-305 & 350 Cu.In.	1.823-1.829

EXHAUST VALVES

Material	High alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-305 & 350 Cu.In.	Aluminized face
All Stems	Chrome flash



A - Stem Diameter	
L6-250 Cu.In. ....	.3410-.3417
V8-305 & 350 Cu.In. ....	.3410-.3417
B - Overall Length	
L6-250 Cu.In.	4.913-4.933
V8-305 Cu.In.	4.910-4.930
V8-350 Cu.In.	4.910-4.930
C - Gage Length	
L6-250 Cu.In.	4.781-4.791
V8-305 & 350 Cu.In.	4.781-4.791
D - Overall Head Diameter	
L6-250 Cu.In.	1.495-1.505
V8-305 Cu.In.	1.495-1.505
V8-350 Cu.In.	1.495-1.505
E - Angle of Face	45°
F - Guide Diameter	
L6-250 Cu.In. ....	.3427-.3437
V8-305 & 350 Cu.In. ....	.3427-.3437
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu.In.	9°
V8-305 & 350 Cu.In.	23°
I - Valve Seat (cutter) Diameter	
L6-250 Cu.In.	1.321-1.327
V8-305 & 350 Cu.In.	1.321-1.327

VALVE LIFT

L6-250 cu.In. ....	.3880 Inlet; .4051 Exhaust
V8-305 Cu.In. ....	.3727 Inlet; .4100 Exhaust
V8-350 Cu.In. ....	.3900 Inlet; .4100 Exhaust

VALVE TIMING (Crankshaft Degrees - Excluding Ramps)

L6-250 Cu.In.	
Inlet Valve	
Opens - BTC	16°
Closes - ABC	48°
Duration	244°
Exhaust Valve	
Opens - BBC	64°
Closes - ATC	50°
Duration	294°
V8-305 Cu.In.	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	64°
Duration	272°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
V8-350 Cu.In.	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	72°
Duration	280°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°

PISTONS

Material	Cast aluminum alloy
Head Type	
L6-250 Cu.In.	Sump head
V8-305 & 350 Cu.In.	Sump
Skirt Type	
Slipper	
Top Land Clearance	
L6-250 Cu.In. ....	.0245-.0335
V8-305 Cu.In. ....	.0245-.0335
V8-350 Cu.In. ....	.0235-.0325
Skirt Clearance	
L6-250 Cu.In. ....	.0005-.0015
V8-305 Cu.In. ....	.0017-.0042
V8-350 Cu.In. ....	.0007-.0017
Compression Ring Groove Depth	
L6-250 Cu.In. ....	.2153-.2218
V8-305 Cu.In. ....	.2003-.2073
V8-350 Cu.In. ....	.2218-.2308
Oil Ring Groove Depth	
L6-250 Cu.In. ....	.2093-.2158
V8-305 Cu.In. ....	.2103-.2193
V8-350 Cu.In. ....	.2038-.2103
Pin Bore Offset .....	.055-.065
Compression Height	
L6-250 Cu.In.	1.658-1.662
V8-305 Cu.In.	1.558-1.562
V8-350 Cu.In.	1.558-1.562

PISTON PINS

Material	Chromium steel
Length	
L6-250 Cu.In.	2.990-3.010
V8-305 & 350 Cu.In.	2.990-3.010
Diameter	
L6-250 Cu.In. ....	.9270-.9273
V8-305 & 350 Cu.In. ....	.9270-.9273
Clearance in Piston	
L6-250 Cu.In. ....	.00015-.00025
V8-305 & 350 Cu.In. ....	.00025-.00035

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
L6-250 Cu.In.	Wear resistant coating molybdenum inlay, graphite impregnated
V8-305 & 350 Cu.In.	Chrome flash
Width	
L6-250 Cu.In.	.0775-.0780
V8-350 Cu.In.	.0775-.0780
V8-305 Cu.In.	.0770-.0780
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-305 Cu.In.	.167-.177
V8-350 Cu.In.	.190-.200
Gap	.010-.020

COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 & V8-350
Face	Tapered
Coating	
L6-250 Cu.In.	Wear resistant
V8-305 & 350 Cu.In.	Wear resistant
Width	
L6-250 Cu.In.	.0770-.0780
V8-305 & 350 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-305 Cu.In.	.167-.177
V8-350 Cu.In.	.190-.200
Gap	
L6-250 Cu.In.	.010-.020
V8-305 Cu.In.	.010-.025
V8-350 Cu.In.	.013-.025

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
L6-250 Cu.In.	.1850-.1870
V8-305 Cu.In.	.1859-.1879
V8-350 Cu.In.	.1850-.1870
Wall Thickness	
L6-250 Cu.In.	.152-.158
V8-305 Cu.In.	.138-.143
V8-350 Cu.In.	.150-.156
Gap	
L6-250 Cu.In.	.015-.055
V8-305 Cu.In.	.010-.035
V8-350 Cu.In.	.015-.055
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
L6-250 Cu.In.	5.695-5.705
V8-305 & 350 Cu.In.	5.695-5.705

CONNECTING ROD BEARINGS

Material	
L6-250 Cu.In.	Premium aluminum
V8-305 & 350 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-250 Cu.In.	.0007-.0027
V8-305 & 350 Cu.In.	.0013-.0035
Theoretical I.D.	
L6-250 Cu.In.	2.0017
V8-305 & 350 Cu.In.	2.1012
Effective Length	
L6-250 Cu.In.	.807
V8-305 & 350 Cu.In.	.797
End Play	
L6-250 Cu.In.	.007-.016
V8-305 & 350 Cu.In.	.006-.016

FUEL TANK

Capacity (Gallons)	
All models except El Camino . . .	22 (approximately)
El Camino	26 (approximately)
Fuel Tank Location	Behind rear axle
Filler Location	
Station Wagons & El Camino	Left rear quarter panel
Remaining Models	Behind hinged rear license plate

FUEL FILTERS, DUAL

In Fuel Tank	Mesh strainer
In Carburetor Inlet	Paper

FUEL PUMP ASSEMBLY

Type	Mechanical; diaphragm
Drive	Camshaft, eccentric
Location	Right side front of engine
Pressure Range (shut off pressure at 1800 RPM)	
L6-250 Cu.In.	4.00-5.00 PSI at pump outlet
V8-305 Cu.In.	7.50-9.00 PSI at pump outlet
V8-350 Cu.In.	7.50-9.00 PSI at pump outlet

AIR CLEANER

Type	Cylindrical with air horn attached to ducted air inlet
Diameter	
L6-250 Cu.In.	12.62
V8-305 Cu.In.	15.48
V8-350 Cu.In.	15.48
Filter Element	Oil-wetted paper

CARBURETORS

Make and Type	
L6-250 Cu.In.	1-barrel, Monojet
V8-305 Cu.In. (LG3)	2-barrel
V8-350 Cu.In. (LM1)	4-barrel
SAE Flange Type	1.50
Throttle Bore	
L6-250 Cu.In.	1.69
V8-305 Cu.In.	1.69
V8-350 (LM1)	
Primary	1.38
Secondary	2.25
Secondary Throttle Actuation	By linkage approximately when primary valves are opened halfway between closed and open.
Venturi Diameter	
L6-250 Cu.In.	1.31
V8-305 Cu.In.	1.19
V8-350 (LM1) Cu.In.	
Primary	1.218
Secondary	Air valve

CHOKE

Type	Automatic
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EXHAUST SYSTEMS

TYPE

L6-250 Cu.In.	Single with crossover pipes and converter
V8-305 & 350 Cu.In.	Single with crossover pipes and converter

MUFFLERS

Type	Oval, reverse flow
Construction	Heads and body joined by rolled lock seam construction

Head

L6-250 Cu.In. . . . .	.054 sheet steel, aluminized
V8-305 Cu.In. . . . .	.054 sheet steel, aluminized
V8-350 Cu.In. . . . .	.054 sheet steel, aluminized

Shell

L6-250 Cu.In. . . . .	.048 sheet steel, zinc coated
V8-305 Cu.In. . . . .	.054 sheet steel, zinc coated
V8-350 Cu.In. . . . .	.054 sheet steel, zinc coated

Cover015 sheet steel aluminized

Length, Body 20.25

Width

L6-250 Cu.In.	10.50
V8-305 Cu.In.	11.00
V8-350 Cu.In.	11.00

Height

L6-250 Cu.In.	4.06
V8-305 Cu.In.	4.50
V8-350 Cu.In.	4.50

(*) - California only.

EXHAUST CROSSEVER

Dimensions (O.D.) & Wall Thickness	
V8-305 Cu.In.	2.50 x .040 laminated
V8-350 Cu.In.	2.50 x .040 laminated

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimensions (O.D.) & Wall Thickness	
L6-250 Cu.In.	2.50 x .071
V8-305 Cu.In.	2.50 x .071
V8-350 Cu.In.	2.50 x .071

EXHAUST PIPE - MUFFLER TO RESONATOR

V8-350 (LM1)	
(Station Wagons)	2.25 x .056

RESONATORS (V8-350 with St. Wag.)*

Type	Bottle type
Inner tube . . . . .	.036 sheet steel, aluminized
Outer tube . . . . .	.060 sheet steel, aluminized

TAIL PIPES

Dimensions (O.D.) & Wall Thickness	
L6-250 Cu.In.	2.00 x .071
V8-305 & 350 Cu.In.	2.00 x .071
for Coupes	2.00 x .071
for Wagons, Trucks, Buses, & Pickups	2.25 x .071

EXHAUST PIPE TO CONVERTER

Dimensions (O.D.)	
L6 250 Cu.In.	
Federal	2.0
California	2.25
V8 305 Cu.In.	2.5
V8 350 Cu.In.	2.5

SYSTEM APPLICATION

System Type	Engine Adaptation		
	L6-250	V8-305 (LG3)	V8-350 (LM1)
PCV - Positive Crankcase Ventilation	***	*	***
EGR - Exhaust Gas Recirculation	***	*	***
CHA - Carburetor Hot Air	***	*	***
MAI - Manifold Air Injection	**	*	** (a)
FEC - Fuel Evaporation Control System	***	*	***
CCS - Controlled Combustion System	*	*	* (b)
UFC - Underfloor Converter	***	*	***
EFE - Early Fuel Evaporation	***	*	***
MMC - Monolith Manifold Converter	**	-	-

*-Not available in California.

** -California only.

*** -Available - all states.

(a) And above 4000 feet.

(b) Below 4000 Feet only.

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

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

EXHAUST GAS RECIRCULATION SYSTEM

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

CARBURETOR HOT AIR

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

MANIFOLD AIR INJECTION

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

MONOLITH MANIFOLD CONVERTER

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

FUEL EVAPORATION CONTROL SYSTEM

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

CONTROLLED COMBUSTION SYSTEM

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

UNDERFLOOR CONVERTER

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

EARLY FUEL EVAPORATION

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

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6	Main and conn. rod bearing throw off
V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6	Nozzle sprayed
V8	Centrifugally oiled from camshaft bearing
Oil Pressure Sending Unit	
Type	Electric
Actuation	Opens or closes circuit @ 2 to 6 PSI
Oil Filler	
Cap	Positive seal
Location	
L6 Engine	Forward end of rocker cover
V8 Engines	Rearward of left rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	
L6 Engine	4
V8 Engines	4
Refill With Filter Change	
L6 Engine	4.5
V8 Engines	4.5

LUBRICANT GRADES AND TEMPERATURES

20° F and Above	10W-30, 10W-40, 20W-20, 20W-40, 20W-50
0° F to 60° F	10W, 5W-30, 10W-30, 10W-40
Below 20° F	5W-20, 5W-30

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
Oil Pressure	
L6-250 Cu.In.	36-41 PSI @ 2000 RPM
V8-305 & 350 Cu.In.	32-40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-305 & 350 Cu.In.	4.3 @ 2000

OIL FILTER

Type	Full flow, throw away canister
Location	
L6 Engine	Right side front of engine
V8 Engines	Left rear side of engine
Capacity	
L6 Engine	One pint
V8 Engines	One pint
Bypass Valve	Opens between 9 to 11 PSI drop in pressure

OIL DIPSTICK-LOCATION

L6 Engine	Right side, rear of engine block
V8 Engines	Left side, rear of engine block

OIL PAN DRAIN PLUG

Type	Hex head
Location	
L6 Engine	Front lower face of oil pan sump
V8 Engines	Left lower face of oil pan sump
Size of Hex Head	.860-.875
Thread	1/2-20 UNF 2A
Length	0.81
Diameter	.410-.430

o

GENERAL

Type Pressure vented thru
coolant recovery system

Capacity with Heater

L6-250 Cu.In. 14.2 qts.
V8-305 & 350 Cu.In. 16.6 qts.

RADIATOR

Make and Type Harrison, tube and center
Core constant and thickness

Distance between fins

L6-250 Cu.In.18 Syn. & .14 Auto.
V8-305 Cu.In.22
V8-350 Cu.In. (LM1)16

Distance between tubes55

Thickness of core

L6-250 Cu.In. 1.24
V8-305 Cu.In. 1.24
V8-350 Cu.In. 1.24

Frontal area (sq.in.)

L6-250 Cu.In. 353
V8-305 & 350 Cu.In. 480

Overflow Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)

Core constant and thickness

Distance between fins

L6-250 Cu.In.16
V8-305 Cu.In.16
V8-350 Cu.In.16

Distance between tubes55

Thickness of core

L6-250 Cu.In. 1.96
V8-305 Cu.In. 1.96
V8-350 Cu.In. 1.96

Frontal area (sq. in.)

L6-250 Cu.In. 353 Syn. & 480 Auto.
V8-305 & 350 Cu.In. 480

Overflow Separate coolant bottle.

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

Type Pellet
Begins to open at 192°-198°
Fully opened at 227°

RADIATOR HOSE

Outlet, lower (radiator to water pump) 1.75 ID
Inlet, upper (thermostat hsg. to radiator) 1.50 ID

FAN

Number of Blades 4, staggered
Diameter
L6-250 Cu.In. 17.62
V8-305 & 350 Cu.In. 19.00
Fan pulley pitch diameter 7.00

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number used One
Angle of "V" 34°-38°
Pitch line
L6-250 Cu.In. 38.00
V8-305 & 350 Cu.In.
all states except Calif. 44.50
V8-350 Cu.In. used in Calif. 47.00
Width380

WATER PUMP

Type Centrifugal
Capacity
L6-250 Cu.In. 24.4 GPM @ 2000 engine RPM
V8-305 & 350 Cu.In. 21.6 GPM @ 2000 engine RPM
Bearing Permanently lubricated double row ball
Drive Fan belt
Ratio (Pump to Engine RPM)
L6-250 Cu.In. 1.65:1
V8-305 & 350 Cu.In.949:1

DRAIN LOCATIONS AND TYPE

Engine Block - Plug
L6 Engine Left side rear
V8 Engines Right and left center
Radiator-Petcock
All types Lower left rear face

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating and Watts
 L6-250 Cu.In. 12-2500
 V8-305 & 350 Cu.In. 12-3200

Number of Cells and Plates
 L6-250 Cu.In. 6-54
 V8-305 & 350 Cu.In. 6-66

Cold Cranking Rating
 L6-250 Cu.In. 0° @ 275 amps. - 20° @ 210 amps.
 60 minutes reserve capacity
 V8-305 & 350 Cu.In. 0° @ 350 amps. -
 20° @ 270 amps. @ 80 minutes reserve capacity

Terminal Grounded Negative
 Location Right side front of
 engine compartment

GENERATOR

Type Diode rectified
 Rating
 Amps 37
 Volts 12-15
 Drive By fan belt
 Pulley Pitch Diameter 2.43
 Ratio (Gen. to Engine Speed) 2.73:1

REGULATOR

Type Micro circuit unit:
 integral with alternator
 Voltage 13.8-14.8 @ 85 degrees F

IGNITION SYSTEM

TYPE High Energy Ignition (H.E.I.)
 DISTRIBUTORS Refer to chart below

COIL

Type Integral with distributor

SPARK PLUGS

Type
 L6-250 Cu.In. R46TS
 V8-305 & 350 Cu.In. R45TS
 Thread Size (mm) 14
 Gap035 (L6); .045 (V8)
 Torque 25 lb. ft.

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

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View) Clockwise
 Test Conditions Engine at operating temp.
 No Load Test
 Amps
 L6-250 Cu.In. 49-87
 V8-305 & 350 Cu.In. 70-99
 Volts 10.6
 RPM
 L6-250 Cu.In. 6200-10700
 V8-305 & 350 Cu.In. 7800-12000

Motor Drive
 Engagement Solenoid
 Pinion Tooth No. 9
 Flywheel Tooth No.
 6 Cyl. 153
 V8 168

DISTRIBUTORS	4.1 Litre L6		5.0 Litre V8	5.7 Litre V8	
	L22		LG3	LM1	
Model	1110678	1110681*	1103239	1103246	1103248*
Type	High Energy Ignition				
Centrifugal advance begins @ RPM	0° @ 1000	0° @ 1000	0° @ 1200	0° @ 1200	0° @ 1200
Maximum degrees @ RPM	20° @ 4200	20° @ 4200	20° @ 4200	22° @ 4200	22° @ 4200
Vacuum advance begins @ In. Hg.	0° @ 4	0° @ 4	0° @ 4	0° @ 4	0° @ 4
Max. deg. @ In. Hg.	24° @ 15	15° @ 12	10° @ 8	18° @ 12	10° @ 8
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	6° BTC @ 850 Manual 8° BTC @ 600 Automatic	6° @ 600	8° @ 500	8° @ 500	8° @ 500
Timing Mark Location	Torsional damper				

*—Specific to engine used in California.

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type - Cubic Inch	L6-250		
	Availability	Standard		
Type	Single dry disc			
Clutch Cover & pressure plate	Eff. plate load, lbs.	1650-1900		
	Press. plate mat.	Cast iron		
	Clutch spring type	Diaphragm		
	Clutch spring matl.	Heat treated spring steel		
Driven plate	Type	Single disc with two friction surfaces		
	Cushions	Flat spring steel between friction rings		
	Dampers	(a)		
	Friction rings	OD	9.12	
		ID	6.12	
		Total area sq. in.	71.82	
Material		Woven type asbestos		
Flywheel & Ring Gear	Flywheel Material	Cast iron		
	Ring gear	Material	Heat treated HR steel	
		No. of teeth	153	
		PD	12.75	
		Attachment	Shrink fit	
Bearings	Release	Type	Single row ball	
		Lubrication	None, prepacked	
	Pilot	Type	Bronze bushing	
		Lubrication	Sintered oil impregnated	
Controls	Clutch for.	Drop forged steel, pivot mounted on ball		
	Pedal mounting	Pendant, from brace on dash		
	Lubrication	Crossover shaft		
Clutch housing material		Aluminum alloy		

(a) 6 outer coil springs and 3 inner coil springs equally spaced

3-SPEED TRANSMISSIONS

Transmission Type		3-Speed		
Engine	Type - Cubic Inch	L6-250		
	Application	Base		
Case Material		Cast iron		
Gear Shift	Type	Remote		
	Control	Lever		
	Location	Steering column		
Gears	Type	Helical		
	Material	Forged steel hardened		
	Synchronization	All forward gears		
	Constant mesh gear	All gears		
	Sliding gears	None		
	Ratio	First	3.11	
		Second	1.84	
Third		1.00		
Reverse		3.22		
Lubricant	Type	Meeting Military Specifications MIL-L-2105B		
	Capacity (pts)	3		
Extension	Material	Cast iron		
	Oil Seal	Steel encased seal of spring loaded silicone		

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement	L6-250 Cu.In.	V8-305 & 350 Cu.In.	
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.		
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling	Water		
Flywheel assembly	Steel stamping with welded on ring gear			
Hydraulic System	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump		
	Type	Steel spool valve		
	Valves	Manual	Establishes range of transmission operation	
		Pressure regulator	Provides main line pressure	
		Shift (1-2)	Controls oil pressure for transmission shift from 1-2 or 2-1	
		Shift (2-3)	Controls oil pressure for transmission shift from 2-3 or 3-2	
	Modulator	Regulates line pressure with modulator oil pressure which varies with torque to transmission		
	Accumulator	Provides greater flexibility in attaining desired shift quality for various engine requirements		
	Pressure @ Idle (b)	Drive	55	60
		L2	80	87
L1		80	87	
Reverse		84	91	
Converter Assembly	Pump (Drive member)	Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing		
	Turbine (Driven member)	Steel axial flow blades assembled between inner & outer steel shells		
	Stator assembly	Aluminum multivane type blades mounted on a one way (overrunning) roller clutch		
	Stall ratio	2.00		
	Stall speed (RPM)	2110		
	Diameter (nominal)	11.75		
Planetary Gear Set	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	
		L2 (Low two)	2.52:1 - 1.52:1	
		L1 (Low one)	2.52:1	
R (Reverse)		1.94:1		
Servo Unit	Piston with release spring and inner cushion spring			
Case	Material	Aluminum		
Clutches	Type	Three, multiple disk	Four, multiple disk	
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch	4 each drive & driven plates	5 each drive & driven plates	
	Direct clutch	3 each drive & driven plates	4 each drive & driven plates	
	Intermediate clutch	3 each drive & driven plates	3 each drive & driven plates	
	Low & Reverse clutch	4 each drive & driven plates	5 each drive & driven plates	
	Release spring	Radial row steel coil		
Torque Multiplication	Drive (maximum)	5.04:1 to 1.00		
	Low 2	5.04:1 to 1.52		
	Low 1	5.04:1 to 2.52		
	Reverse	3.88:1 to 1.94		
Governor	Type	Cross-axis centrifugal		
	Operation	Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves		
Lubricant	Type	Dexron II		
	Capacity (pints)	Dry	20	
		Refill	8	

(a) Floor mounted available when bucket seats are used; quadrant changes to P-R-N-3-2-1.

(b) Conditions: 600 RPM input

1970-76 CHEVROLET PRODUCTION OPTIONS

AB7	Window — Rr. Quarter Louvered	A76	H.D. Seat Cushion & Back	B90	Molding — Side Window Reveal
AB8	Window — Rr. Qtr. Formal Style	A85	Shoulder Harness — Deluxe Frt.	B93	Guards — Door Edge
AC3	Seat Adjuster — 6 Way Power. Bucket	A90	Lock Release — Rr. Compt. Lid. Remote Control Elec.	B94	Emblem — Body "GT"
AD3	Glass — Hinged Roof Window	A99	Glove Box Lock	B95	Appoque — Pillar
AD7	Window — Rr. Qtr. Tearout Less Louvers			B96	Molding — Wheel Opening
AE1	Glass — Roof Panel			B97	Spoiler
AG1	Seat Adjuster — 6 Way Power. Driver (60-40)	BB4	Map Pocket	CA1	Roof — Steel Sliding Sun. Electric
AG2	Seat Adjuster — 6 Way Power. Pass. (60-40)	BB8	Interior Ornament — Door Trim Mldg.	CB4	Vinyl Padded Roof (Integral Pad) — Rear
AG7	Seat Adjuster — 6 Way Power. Driver (50-50)	BC1	Interior Ornamentation — Wood Grain	CB5	Vinyl Padded Roof (w/ 1/4" Pad) — Full
AK1	Belts — Deluxe	BC5	Interior Ornament — Load Compt. — Carpet	CB7	Vinyl Padded Roof (Integral Pad) — Front
AM6	Seat Asm. — Frt. Seat Split (60-40) W/Center Arm Rest	BF2	Carpet — Floor Covering — Deluxe	CC1	Panel — Removable Roof Hatch
AM7	Folding Rear Seat Asm.	BG1	Floor Mat — Heavy Duty	CD2	W/S Washer Jar Fluid Level Monitor
AN5	Seat Asm. — Pass. Reclining (40-40)	BG9	Covering — Floor — Rubber	CD4	Washer & Wiper — Windshield. Pulse System
AN6	Seat Back — Adjustable. Driver	BS1	Quiet Sound Group	CF4	Roof — Sliding Sun
AN7	Seat Asm. — Bucket. Shell Type Swivel	BS2	Acoustical Package	CF5	Astro Roof — Elec.
AQ4	Seat Asm. — Sta. Wag. 3rd Seat	BW2	Molding — Body Side Protection	CO4	Vinyl Padded Roof (w/ 1/4" Pad) — Rear
AQ9	Seat Asm. — Bucket. Pass. Reclining	BW6	Exterior Decor Package	CO9	Vinyl Padded Roof (Integral Pad) — Full
AR5	Seat Asm. — Bucket. European Style	BW7	Ext. Ornament — Pillar Appoque	C18	Black Windshield Wiper and Blade
AR9	Seat Asm. — Bucket. European Style	BX1	Ext. Ornament — Front End Panel	C24	Wipers — Recess Parked
AS4	Rear Seat Deluxe Shoulder Harness	BX3	Exterior Ornamentation — Wood Grain Side Panel	C41	Heater & Defroster — Outside Air
AT6	Recliner Seat — RH Manual	BX6	Ext. Ornament — Mldg. and Appoque	C46	Heater — Hi-Flow
AT8	Seat Asm. — Adjustable. (50-50) Pass. Reclining	BX7	Door Edge Guards	C49	Defogger — Rear Window. Electric
AU1	Key — Single Car	BX8	Molding — Used W/Two Tone Paint	C50	Defogger — Rear Window
AU3	Lock — Side Doors. Electric	BX9	Ornament — Front End Panel	C51	Deflector — Station Wagon Air
AU4	Lock — Side Door. Electric Automatic	BY1	Ext. Ornament — Body Emblem	C54	Heated Rr. Window Defogger
AU5	Lock — Seat Back & Side Door. Electric	BY2	Police Body Equipment	C60	Air Conditioner — Manual Cont.
AU6	Lock Release — Tail Gate. Remote Control Electric	BY4	Int. Ornament — Inst. Panel Monogram	C61	Air Conditioner — Auto. Cont.
AU7	Key — Single — For Total Fleet	B1Q	Lock — Power Tail Gate	C65	Air Conditioner — Semi-Auto. Cont.
AV3	Cargo Tie Downs	B3X	Estate Equipment	C80	Switch — Frt. Door Jamb
AV7	Seat Asm. — Front (50-50)	B02	Special Body — Taxi Cab	C81	Switch — Rear Door Jamb
AO1	Glass — Tinted. All Windows (Tinted Windshield)	B07	Special Body — Police Car.	C87	Lamp — Rear Qtr. Courtesy
AO2	Glass — Tinted. Windshield (Tinted Upper)	B09	H.D. Police Package	C88	Lamp — Rear Compt. Courtesy
A20	Glass — Rear Qtr. Vent. Swing Out	B22	Emblem — Door	C90	Lamp — Combination Courtesy & Door Wiring
A31	Window — Power Operated. All (Exc. Vent)	B26	Handle — Door Pull Interior	C91	Lamp — Front Dome
A39	Seat Belts — Frt., Rr., Ctr. Deluxe Type	B28	Floor Mats — Carpet Insert	C93	Lamp — Opera — Exterior Lock Pillar or Sail Panel
A41	Frt. Seat Elec. CH — 4-Way Bench Seat	B30	Carpet — Floor Covering	C95	Lamp — Dome & Reading
A42	Seat Adjuster 6-Way Power. Single Unit	B32	Mat — Front Floor Throw	C97	Lamp Courtesy — Door Handle Operated
A44	Seat Adjuster	B33	Mat — Rear Floor Throw		
A46	Elec. 4-Way Seat Adjuster (L.H. Bucket Seat Only)	B34	H.D. Frt. Floor Mats	DF3	Mirror — Remote Control RH. Chrome
A50	Seat Asm. — Front Bucket — Formed	B35	H.D. Rr. Floor Mats	DH5	Mirror — Visor Vanity — Left
A51	Seat Asm. — Bucket (L & R) Contour	B36	Mat — Luggage Compartment	D19	Mirror — Rear View RH. Sport Type
A52	Seat Asm. — Bench	B37	Floor Mats — Front & Rr.	DL1	Decals and Stripes
A65	Seat Back — Frt. Seat Split	B39	Carpet — Load Floor and Deck Lid	DX4	Trim — Accent Stripe
A66	Seat Back — 2nd Seat Split	B44	Carpet — Load Floor Seat Back	DX9	Trim — Accent Stripe
A75	Seat Asm. — Heavy Duty — Front	B48	Luggage Compt. Trim	D24	Litter Container
		B51	Moulding — Rocker Panel Wide	D31	Mirror — Inside Tilt Rearview (Non Glare)
		B65	Trunk Asm. — Floor Cover	D33	Mirror — Remote Control LH. Chrome
		B71	Exterior Ornament — Custom Whl. Opening Mldgs.	D34	Mirror — Visor Vanity
		B75	Lining — Luggage Compt.	D35	Mirror — Remote Control LH. Custom
		B77	Molding — Windshield Reveal		
		B79	Exterior Ornamentation — Rr. End		
		B80	Molding — Roof Drip		
		B83	Molding — Rocker Panel		
		B84	Molding — Body Side		
		B85	Molding — Belt Reveal		
		B86	Molding — Custom Rear Qtr. Lower		
		B89	Molding — Back Window Reveal		

1970-76 CHEVROLET PRODUCTION OPTIONS

- | | | |
|---|--|---|
| <p>T33 ___ Nameplate — Front Fender
 T41 ___ Hood — Special Sheet Metal
 T44 ___ Lock — Hood Interior Operated
 T52 ___ Ornamentation — Front
 T53 ___ Molding — Front Fender
 T58 ___ Skirt — Rear Wheel Opening
 T60 ___ Battery Case — H.D. Plastic
 T63 ___ Headlamp — On Warning System (Buzzer)
 T70 ___ Lamp Group
 T81 ___ Headlamp Delay Package
 T82 ___ On-Off Control — Headlamp Automatic
 T87 ___ Lamps — Cornering
 T93 ___ Lamp — Tail & Stop Reflex Asm.</p> <p>UA1 ___ Battery — Heavy Duty
 UB7 ___ Cluster Asm. — Warning and Trip Odometer
 UE8 ___ Clock — Electric (Digital)
 UF3 ___ Lamp — Map (W/Sun visor Support)
 UF7 ___ Cluster — Oil Temp., Volt Meter, Fuel Economy
 UF8 ___ Switch — Dimmer headlamp
 UH1 ___ Lamp Monitor — Electric
 UM1 ___ AM Radio & 8 Track Tape Player
 UM2 ___ AM-FM Stereo Radio & 8 Track Tape Player
 UMS ___ Radio Suppression Equip.
 UO5 ___ Dual Horns
 UR1 ___ Fuel Economy Vacuum Gauge
 UX6 ___ Front Dual Speakers
 UX9 ___ Speaker — Front
 UY8 ___ Radio — AM/FM — Digital Clock
 UO5 ___ Dual Horns
 UO9 ___ Horn — Four Note
 U11 ___ Police Car Swoosh
 U14 ___ Rally Gauge — Tach & Clock
 U15 ___ Speed Alert — Trip Odometer
 U18 ___ Kilo Swoosh
 U21 ___ Instrument Panel Gauges
 U25 ___ Lamp — Luggage Compot.
 U26 ___ Lamp — Engine Compot.
 U27 ___ Lamp — Inst. Panel Compot.
 U28 ___ Lamp — Ash Tray
 U29 ___ Lamp — Inst. Panel Courtesy
 U30 ___ Instrument Gauges
 U35 ___ Electric Clock
 U37 ___ Lighter — Cigar
 U38 ___ Warning System — Low Coolant
 U41 ___ Indicator — Low Fuel
 U46 ___ Monitor — External Lamp
 U57 ___ Player — Tape
 U58 ___ Radio — Stereo (W/Antenna)
 U63 ___ Radio — Pushbutton Control (W/Antenna)
 U69 ___ Radio — AM-FM (W/Antenna)
 U75 ___ Antenna — Power
 U76 ___ Antenna — Windshield Embedded
 U80 ___ Speaker — Rear Auxiliary
 U81 ___ Speaker — Rear, Dual
 U89 ___ Wiring harness — Car Trailer (5 Wire)
 U90 ___ Wiring harness — Roof Flasher
 U94 ___ Light Cable — Trailer (7 Wire)</p> | <p>YES ___ Strip — Front & Rr. Bumper Impact
 VF6 ___ Bumper — Rear Step
 VG4 ___ Protector — Bumper Filler
 VG8 ___ Bumper — Rear With Vinyl Insert
 Y19 ___ Exhaust Emission Level (Calif. Cars)
 VK1 ___ License Plate — Frt. Mounting Pkg.
 VK3 ___ Mounting — Frt. Lic. Plate
 VO1 ___ Radiator — Heavy Duty (Var. 1)
 VO2 ___ Radiator — Heavy Duty (Var. 2)
 V30 ___ Guards — Frt. & Rr. Bumper
 V31 ___ Guards — Front Bumper (Chrome)
 V32 ___ Guards — Rear Bumper — (Chrome)
 V55 ___ Carrier — Roof Luggage
 V56 ___ Lock & Trim — Luggage Compartment
 V65 ___ Bumper — Light Duty
 V81 ___ Trailer Provisions — SAE Class 1 (2000 lbs.)
 V82 ___ Trailer Provisions — SAE Class 2 (3500 lbs.)</p> <p>WA3 ___ Power Seat — 6 Way (Pass. & Driver)
 WA5 ___ Dual Speakers (frt. & Rear)
 WB2 ___ AM Stereo Radio Tape
 WB3 ___ AM-FM Stereo Radio Tape
 BW4 ___ AM-FM Stereo Radio
 WB6 ___ Gauges — Instrument Cluster W/Clock
 WB7 ___ Vinyl Roof — Rear Vinyl (Pad Attached)
 WC2 ___ Moulding Package
 WC4 ___ Convenience Group
 WC9 ___ Exhaust Emission Group (Calif.)
 WD3 ___ Appearance Group
 WD4 ___ Accessory Package
 WF5 ___ Custom Trim Group
 WH3 ___ Appearance Group
 WH4 ___ Tachometer & Clock
 WH5 ___ Handling Package
 WJ7 ___ Leather — Custom
 WO2 ___ Wood Grain Group
 WT1 ___ Suspension — Bias Tire
 WU2 ___ G.T. Option
 WU7 ___ Third Seat — Wagon
 WW8 ___ Instrument Panel Tach., Rally Clock, Gauges
 WY5 ___ Suspension — Radial Tuned
 W20 ___ Convenience Group
 W50 ___ Appearance Group
 W60 ___ Appearance — Special Sport
 W61 ___ Decor — Simulated Wood
 W62 ___ Luxury Appointment Group
 W63 ___ Rally Clock & Gauges
 W66 ___ 400 Sport Option
 W71 ___ Seat — Custom Front & Rear</p> <p>YC6 ___ Estate Wood Grain — Vega
 YD1 ___ Towing Package
 YE4 ___ Exterior & Interior Deluxe
 YF3 ___ "Heavy Chew" Exterior Decor
 YF4 ___ Guard & Strip — Bumper
 YF8 ___ Black Paint Stripe
 YJ8 ___ Cast Aluminum wheels</p> | <p>Y19 ___ Exterior Decor Package
 Y02 ___ Seat — Front Custom
 Y03 ___ Seat — Rear Custom
 Y05 ___ Deadener — Floor
 Y07 ___ Molding — Side Window Reveal
 Y10 ___ Custom Doors and Qtr.
 Y11 ___ Seat — Front — Special Design
 Y12 ___ Seat — Rear — Special Design
 Y19 ___ Molding — Body Side Lower
 Y40 ___ Heavy Duty Cooling
 Y51 ___ Molding Group
 Y53 ___ Frt. & Rr. Bumper Guards
 Y56 ___ Accessory Group
 Y60 ___ Convenience Group
 Y62 ___ Instrument Cluster — Special Features
 Y66 ___ SX Package
 Y67 ___ Low Washer Fluid Level Indicator
 Y70 ___ Stripe — Decal
 Y71 ___ Outside Temp. Indicator
 Y72 ___ H.D. Engine Cooling
 Y74 ___ Moldings — Rocker and Wheel Opag.
 Y79 ___ Appearance Option
 Y82 ___ Golden Anniversary
 Y83 ___ LJ Option
 Y90 ___ Custom Trim
 Y92 ___ Lamp Group
 Y96 ___ Firm Ride Option
 Y97 ___ SJ Option
 Y99 ___ Handling Package</p> <p>ZE2 ___ Olympic Edition Program Content
 Z11 ___ Custom Interior
 Z12 ___ Custom Exterior
 Z13 ___ Interior Decor and Convenience Group
 Z14 ___ Seat Belt, Check Doors, Low Fuel Warning Lites
 Z15 ___ Exterior Decor
 ZK7 ___ Noise Level Control
 ZL2 ___ Special Ducted Hood Air System
 ZL9 ___ Luxury Interior
 ZN5 ___ Color Coded Rally Wheels
 ZX5 ___ Appearance Group
 Z01 ___ "Spyder" Model
 Z02 ___ Spyder Appearance Equipment
 Z03 ___ Landau Equipment
 Z06 ___ Luxury Interior Trim
 ZP5 ___ Appearance Guard Group
 ZQ2 ___ Operating Convenience Group
 Z09 ___ Rr. Axle Performance Ratio
 ZR8 ___ Sport Stripes — White
 Z10 ___ Impala "LX" Package
 Z15 ___ S.S. Model
 Z20 ___ Paint — Two-Tone Accent Pkg
 Z20 ___ Two Tone Accent Package
 Z21 ___ Style Trim
 Z25 ___ "SS" 395 Package
 Z26 ___ S.S.
 Z29 ___ S.T. Option
 Z54 ___ Interior Decor/Quiet Sound Group
 Z50 ___ Monza Towne Coupe
 Z76 ___ Monte Carlo "S" Package
 Z85 ___ Rally Sport Equipment
 Z95 ___ Catalytic Converter Deletion
 Z95 ___ Leaded Fuel Option</p> |
|---|--|---|

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

<u>Option Number</u>	<u>Description</u>	<u>Option Number</u>	<u>Description</u>
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder	N33	STEERING WHEEL: Comfortilt
AU3	DOOR LOCK SYSTEM, POWER	N41	STEERING, POWER: Variable Ratio
AV3	TIE-DOWNS, CARGO BOX	PB2	WHEEL TRIM: Wheel Covers, Sport
A01	GLASS, SOFT-RAY TINTED: All Windows	P01	WHEEL TRIM: Wheel Covers, Full
A31	WINDOWS: Power	QBX	TIRES: GR70-15/B Blackwall (Radial)
A42	SEAT, POWER: Six-Way	QCF	TIRES: GR78-15/B Blackwall (Radial)
BX8	MOLDINGS: Front Fender, Body Side and Tailgate	QCX	TIRES: GR70-15/B White Stripe (Radial)
B32	FLOOR COVERING: Mats, Color-Keyed Floor. Front only	QCY	TIRES: GR70-15/B White Lettered (Radial)
B80	MOLDINGS: Roof Drip	QDR	TIRES: GR78-15/B White Stripe (Radial)
B84	MOLDINGS: Body Side	QDU	TIRES: HR78-15/B Blackwall (Radial)
B93	MOLDINGS: Door Edge Guard	QEL	TIRES: HR78-15/B White Stripe (Radial)
B96	MOLDINGS: Wheel Opening	UA1	BATTERY, HEAVY-DUTY
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	UF7	ECONOMINDER GAUGE PACKAGE
C60	AIR CONDITIONING: Four-Season	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
D24	CONTAINER, LITTER	UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
D33	MIRROR: Outside Rearview, LH Remote	U05	HORNS, DUAL
D34	MIRROR: Visor Vanity	U35	CLOCK: Electric
D35	MIRRORS: Sport, LH Remote and RH Manual	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
D55	CONSOLE	U63	RADIO EQUIPMENT: AM Radio
D64	MIRROR: Visor Vanity, Illuminated	U69	RADIO EQUIPMENT: AM/FM Radio
D68	MIRRORS: Sport, Twin Remote	U76	RADIO EQUIPMENT: Windshield Antenna
D73	RAILS, CARGO BOX SIDE	VE5	BUMPER EQUIPMENT: Bumper Rub Strips
D91	CONQUISTA (Model Option)	V01	RADIATOR, HEAVY-DUTY
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	V31	BUMPER EQUIPMENT: Guards, Rumper. Front only
F41	SUSPENSION EQUIPMENT: Suspension, Sport	YF5	EMISSION SYSTEMS: California Emission Certification
G80	AXLE, REAR: Positraction	YJ9	EXTERIOR DECOR PACKAGE
G92	AXLE, REAR: Performance Ratio	ZJ7	WHEEL TRIM: Wheels, Rally
K30	SPEED CONTROL: Cruise-Master	ZJ9	LIGHTING, AUXILIARY
K76	GENERATOR: 61-Amp Delcotron	ZP2	EXTERIOR/INTERIOR OVERRIDE
LG3	ENGINE: 305-2 BBL V8	Z15	SS EQUIPMENT
LM1	ENGINE: 350-4 BBL V8	11A	STRIPING: White
L22	ENGINE: 250-1 BBL L6	11K	COVER, CARGO BOX TONNEAU: White
M15	TRANSMISSION: 3-Speed Manual	19A	STRIPING: Black
M40	TRANSMISSION: Turbo Hydra-matic	19K	COVER, CARGO BOX TONNEAU: Black
NA2	EMISSION SYSTEMS: Standard Emission Equipment		
NA6	EMISSION SYSTEMS: High Altitude Emission Equipment		

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

<u>Option Number</u>	<u>Description</u>	<u>Option Number</u>	<u>Description</u>
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder	N33	STEERING WHEEL: Comfortilt
AU3	DOOR LOCK SYSTEM, POWER	N41	STEERING, POWER: Variable Ratio
AV3	TIE-DOWNS, CARGO BOX	PB2	WHEEL TRIM: Wheel Covers, Sport
A01	GLASS, SOFT-RAY TINTED: All Windows	P01	WHEEL TRIM: Wheel Covers, Full
A31	WINDOWS: Power	QBX	TIRES: GR70-15/B Blackwall (Radial)
A42	SEAT, POWER: Six-Way	QCF	TIRES: GR78-15/B Blackwall (Radial)
BX8	MOLDINGS: Front Fender, Body Side and Tailgate	QCX	TIRES: GR70-15/B White Stripe (Radial)
B32	FLOOR COVERING: Mats, Color-Keyed Floor. Front only	QCY	TIRES: GR70-15/B White Lettered (Radial)
B80	MOLDINGS: Roof Drip	QDR	TIRES: GR78-15/B White Stripe (Radial)
B84	MOLDINGS: Body Side	QDU	TIRES: HR78-15/B Blackwall (Radial)
B93	MOLDINGS: Door Edge Guard	QEL	TIRES: HR78-15/B White Stripe (Radial)
B96	MOLDINGS: Wheel Opening	UA1	BATTERY, HEAVY-DUTY
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	UF7	ECONOMINDER GAUGE PACKAGE
C60	AIR CONDITIONING: Four-Season	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
D24	CONTAINER, LITTER	UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
D33	MIRROR: Outside Rearview, LH Remote	U05	HORNS, DUAL
D34	MIRROR: Visor Vanity	U35	CLOCK: Electric
D35	MIRRORS: Sport, LH Remote and RH Manual	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
D55	CONSOLE	U63	RADIO EQUIPMENT: AM Radio
D64	MIRROR: Visor Vanity, Illuminated	U69	RADIO EQUIPMENT: AM/FM Radio
D68	MIRRORS: Sport, Twin Remote	U76	RADIO EQUIPMENT: Windshield Antenna
D73	RAILS, CARGO BOX SIDE	VE5	BUMPER EQUIPMENT: Bumper Rub Strips
D91	CONQUISTA (Model Option)	V01	RADIATOR, HEAVY-DUTY
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	V31	BUMPER EQUIPMENT: Guards, Bumper. Front only
F41	SUSPENSION EQUIPMENT: Suspension, Sport	✓YF5	EMISSION SYSTEMS: California Emission Certification
G80	AXLE, REAR: Positraction	YJ9	EXTERIOR DECOR PACKAGE
G92	AXLE, REAR: Performance Ratio	ZJ7	WHEEL TRIM: Wheels, Rally
K30	SPEED CONTROL: Cruise-Master	ZJ9	LIGHTING, AUXILIARY
K76	GENERATOR: 61-Amp Delcotron	✓ZP2	EXTERIOR/INTERIOR OVERRIDE
LG3	ENGINE: 305-2 BBL V8	Z15	SS EQUIPMENT
LM1	ENGINE: 350-4 BBL V8	:1A	STRIPING: White
L22	ENGINE: 250-1 BBL L6	11K	COVER, CARGO BOX TONNEAU: White
M15	TRANSMISSION: 3-Speed Manual	19A	STRIPING: Black
M40	TRANSMISSION: Turbo Hydra-matic	19K	COVER, CARGO BOX TONNEAU: Black
✓NA2	EMISSION SYSTEMS: Standard Emission Equipment		
✓NA6	EMISSION SYSTEMS: High Altitude Emission Equipment		

EL CAMINO CONQUISTA

COLOR AND TRIM SELECTION

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

Seat, Headliner and Door Trim Color	Black	Blue	Buck-skin	Fire-thorn	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Saddle	Fire-thorn	Black	Blue	Fire-thorn	Green

Model	Seat Type								
1A080/D91	Knit Cloth Notchback Bench		PDD5	PUS5	PFF5				
	Vinyl Notchback Bench	VBB5	VDD5	VUS5	VFF5	VWB5	VWD5	VWF5	VWG5
	Vinyl Bucket	VBB2	VDD2	VUS2	VFF2	VWB2	VWD2	VWF2	VWG2

Hood and Center Body	Roof and Lower Body		U							
	L									
Blue, Dark (Met)	29	Silver	13	R	A			R	A	
Blue, Light (Met)	22	Blue, Dark (Met)	29	A	R			A	R	
Buckskin, Light	61	Brown (Met)	69	A		R		A		
Green, Medium (Met)	44	Blue-Green, Dark (Met)	48	A		R		A		R
White, Antique	11	Black	19	R	A	R	R	R		
White, Antique	11	Blue, Light (Met)	22	A	R	A		A		
White, Antique	11	Green, Medium (Met)	44	A		A		R		R
White, Antique	11	Red, Medium	72	A		R	R	R		R
White, Antique	11	Orange (Met)	78	R		R		R		

L=Lower (Secondary) U=Upper (Primary)

CONQUISTA TWO-TONE PAINT—D91 Primary Roof and Lower Body Color



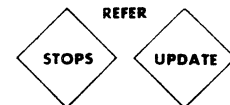
Secondary Hood and Center Body Color

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE	OPTION CONDITION	AXLE RATIO		
		2.56	2.73	3.08
L22	w/o C60, YF5 or NA6	-	Std	G92
	w/C60, YF5 or NA6	-	-	Std
LG3	M40	Std	-	-
LM1	M40	-	-	-
	w/o NA6 w/NA6	Std	-	G92 Std

EL CAMINO CONQUISTA



Model

1AD30/D91 El Camino Conquista

← COLOR AND TRIM SELECTION

MUST ORDER ONE: _____ ENGINES _____

ALL EXCEPT CALIFORNIA REGISTRATION (N/A YF5)

- Below 4000 Foot Altitude (REQS NA2)
- ___ L22 250-1 BBL L6
 - ___ LG3 305-2 BBL V3 (Reqs N41 Steering and M40 Trans)
 - ___ LM1 350-4 BBL V3 (Reqs N41 Steering and M40 Trans)

- Above 4000 Foot Altitude (REQS NA6)
- ___ L22 250-1 BBL L6 (Reqs M40 Trans)
 - ___ LM1 350-4 BBL V3 (Reqs N41 Steering and M40 Trans)

CALIFORNIA REGISTRATION ONLY (REQS YF5)

- ___ L22 250-1 BBL L6 (Reqs M40 Trans)
- ___ LM1 350-4 BBL V3 (Reqs N41 Steering and M40 Trans)

QUICK-SPEC

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

		4	4	4	4	5
		9	9	9	9	0
		6	7	8	9	0
		A	A	A	A	A
Conquista	D91	X	X	X	X	X
Transmission, Turbo Hydra-matic	M40	X	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Radio, AM	U63	X	X	X	N/INCL	
Air Conditioning, Four-Season	C60	X	X	X	X	X
Wheel Covers, Full	P01	X	X	N/INCL		
Tires, GR78-15/B White Stripe	QDR	X	X	X	X	X
Console (w/ Bucket Seats and M40 Trans only)	D55	X	X	X	X	X
Mats, Color-Keyed Floor	B32	X	X	X	X	X
Steering, Power	N41	X	X	X	X	X

Bumper Guards	V31	X	X	X	X	
Clock, Electric	U35	X	X	X	X	
Mirrors, LH Remote and RH Manual Sport	D35	X	X	X	X	
Moldings, Door Edge Guard	B93	X	X	X	X	
Steering Wheel, Comfortilt	N33	X	X	X	X	

Belts, Deluxe	AK1	X	X	X		
Suspension, Heavy-Duty	F40	X	X	X		
Radiator, Heavy-Duty	V01	X	X	X		
Bumper Rub Strips	VE5	X	X	X		
Wheels, Rally	ZJ7	X	X	X		

Econominder Gauge Package	UF7	X	X			
Radio, AM/FM	U69	X	X			
Lighting, Auxiliary	ZJ9	X	X			
Horns, Dual	U05	X	X			
Speed Control (w/V3 Eng only)	K30	X	X			

Mirror, Visor Vanity	D34	X				
Container, Litter	D24	X				
Door Lock System, Power	AU3	X				
Rails, Cargo Box Side	D73	X				
Windows, Power	A31	X				
Windshield Wiper System	CD4	X				

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

<u>496</u>	<u>C60</u>	<u>AIR CONDITIONING:</u> Four-Season (Reqs N41 Steering w/L22 Eng) (N/A YF5 Calif or NA6 Altitude w/L22 Eng) (Incls K76 Gen)
		<u>AXLES, REAR:</u>
	G92	--Performance Ratio (See Power Teams Chart)
	G30	--Positraction
	UA1	<u>BATTERY, HEAVY-DUTY</u>
<u>498</u>	<u>AK1</u>	<u>BELTS, DELUXE:</u> Color-Keyed Seat and Shoulder
		<u>BUMPER EQUIPMENT:</u>
<u>498</u>	<u>VE5</u>	--Bumper Rub Strips, Front and Rear
<u>497</u>	<u>V31</u>	--Bumper Guards, Front only
<u>497</u>	<u>U35</u>	<u>CLOCK:</u> Electric
<u>496</u>	<u>D55</u>	<u>CONSOLE:</u> (Reqs Bucket Seats and M40 Trans)
<u>500</u>	<u>D24</u>	<u>CONTAINER, LITTER COVER, CARGO BOX TONNEAU:</u>
	19K	--Black
	11K	--White
<u>500</u>	<u>AU3</u>	<u>DOOR LOCK SYSTEM, POWER</u>
<u>499</u>	<u>UF7</u>	<u>ECONOMINDER GAUGE PACKAGE</u>
		<u>EMISSION SYSTEMS: (MUST ORDER ONE)</u>
	YF5	--California Emission Certification (N/A NA6 Altitude, M15 Trans or LG3 Eng)
	NA6	--High Altitude Emission Equipment (N/A M15 Trans or LG3 Eng)
	NA2	--Standard Emission Equipment (N/A YF5 Calif or NA6 Altitude)
<u>496</u>	<u>B32</u>	<u>FLOOR COVERING:</u> Mats, Color-Keyed Floor, Front only
	K76	<u>GENERATOR:</u> 61-Amp Delcotron (Incl w/C60 Air)
<u>496</u>	<u>A01</u>	<u>GLASS, SOFT-RAY TINTED:</u> All Windows
<u>499</u>	<u>U05</u>	<u>HORNS, DUAL</u>
<u>499</u>	<u>ZJ9</u>	<u>LIGHTING, AUXILIARY</u>
		<u>MIRRORS:</u>
	D33	--Outside Rearview, LH Remote
<u>497</u>	<u>D35</u>	--Sport, LH Remote and RH Manual
	D68	--Sport, Twin Remote
<u>500</u>	<u>D34</u>	--Visor Vanity
	D64	--Visor Vanity, Illuminated
<u>497</u>	<u>B93</u>	<u>MOLDINGS:</u> Door Edge Guard
<u>498</u>	<u>V01</u>	<u>RADIATOR, HEAVY-DUTY</u>
		<u>RADIO EQUIPMENT:</u>
<u>496</u>	<u>U63</u>	--AM Radio
<u>499</u>	<u>U69</u>	--AM/FM Radio
	<u>U58</u>	--AM/FM Stereo Radio
	<u>UM1</u>	--Stereo Tape System w/AM Radio
	<u>UM2</u>	--Stereo Tape System w/AM/FM Stereo Radio
	<u>U76</u>	--Windshield Antenna (Incl w/above Radio Equip)
<u>500</u>	<u>D73</u>	<u>RAILS, CARGO BOX SIDE</u>
<u>499</u>	<u>A42</u>	<u>SEAT, POWER:</u> Six-Way (N/A Bucket Seats)
<u>496</u>	<u>K30</u>	<u>SPEED CONTROL:</u> Cruise-Master (N/A L22 Eng)
<u>497</u>	<u>N41</u>	<u>STEERING, POWER:</u> Variable Ratio
<u>497</u>	<u>N33</u>	<u>STEERING WHEEL:</u> Comfortilt (Reqs M40 Trans)
		<u>SUSPENSION EQUIPMENT:</u> Suspension
<u>498</u>	<u>F40</u>	--Heavy-Duty Front and Rear (N/A F41 Susp)
	<u>F41</u>	--Sport (Reqs V3 Eng and GR70 Tires)
	<u>AV3</u>	<u>TIE-DOWNS, CARGO BOX TIRES:</u> (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
		--Steel Belted Radial Ply (15/B)
	<u>OBX</u>	---GR70 B/W (Reqs V3 Eng and F41 Susp)
	<u>OCX</u>	---GR70 W/S (Reqs V8 Eng and F41 Susp)
	<u>OCY</u>	---GR70 W/L (Reqs V8 Eng and F41 Susp)
	<u>QCF</u>	---GR78 B/W (Base)
<u>496</u>	<u>QDR</u>	---GR78 W/S
	<u>ODU</u>	---HR73 B/W (Reqs V8 Eng)
	<u>QEL</u>	---HR73 W/S (Reqs V8 Eng)
		<u>TRANSMISSIONS:</u>
<u>496</u>	<u>M15</u>	--3-Speed Manual (Reqs L22 Eng)
	<u>M40</u>	--Turbo Hydra-matic
		<u>WHEEL TRIM:</u>
<u>496</u>	<u>P01</u>	--Wheel Covers, Full
	<u>PB2</u>	--Wheel Covers, Sport
<u>498</u>	<u>ZJ7</u>	--Wheels, Rally
<u>500</u>	<u>A31</u>	<u>WINDOWS:</u> Power
<u>500</u>	<u>CD4</u>	<u>WINDSHIELD WIPER SYSTEM:</u> Intermittent

VINYL ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability	
Black	BB	Rec: 11, 13, 19, 22, 50, 61, 63 or 73	Acc: 29, 36, 44, 48 or 72
Blue, Light (Met)	DD	Rec: 11, 22 or 29	
Buckskin, Light	UU	Rec: 11, 19, 48, 61, 63, 69 or 78	Acc: 36, 44 or 72
Firethorn (Met)	FF	Rec: 36	Acc: 11
Green, Medium (Met)	GG	Rec: 11, 44 or 49	
Silver	00	Rec: 13 or 19	Acc: 11, 29, 36 or 72
White	WW	Rec: All except 13	Acc: 13

COLOR AND TRIM SELECTION

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

Seat, Headliner and Door Trim Color	Black	Blue	Buckskin	Firethorn	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Saddle	Firethorn	Black	Blue	Firethorn	Green

Model

Seat Type

IAC30	Sport Cloth Bench	JBB1	JDD1	JUS1
	Vinyl Bench	VBB1		VUS1

IAD30	Knit Cloth Notchback Bench		PDD5	PUS5	PFF5				
	Vinyl Notchback Bench	VBB5	VDD5	VUS5	VFF5	VWR5	VWD5	VWF5	VWG5
	Vinyl Bucket	VBB2	VDD2	VUS2	VFF2	VWR2	VWD2	VWF2	VWG2

Exterior Paint Color

Color Code

	L	U	T								
Black	19	19	-	R	A	R	R	R		R	
Blue, Dark (Met)	29	29	22	A	R			A	R		
Blue, Light (Met)	22	22	11	R	R			A	R		
Blue-Green, Dark (Met)	48	48	44	A		R		A			R
Brown (Met)	69	69	61			R		A			
Buckskin, Light	61	61	-	R		R		A			
Buckskin (Met)	63	63	-	R		R		A			
Cream Gold	50	50	-	R				R			
Firethorn (Met)	36	36	-	A		R	R	A		R	
Green, Medium (Met)	44	44	11	A		A		A			R
Orange (Met)	78	78	11	R		R		R			
Red, Medium	72	72	11	A		R	R	A		R	
Silver	13	13	-	R			R	R			
White, Antique	11	11	-	R	R	R	R	R	R	R	R

L=Lower U=Upper T=Two-Tone

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE	OPTION CONDITION	AXLE RATIO		
		2.56	2.73	3.08
L22	w/o C60, YF5 or NA6	-	Std	G92
	w/YF5 or NA6	-	-	Std
	1AC80 w/C60	-	Std	G92
	1AD80 w/C60	-	-	Std
LG3	M40	Std	-	-
LM1	w/o NA6	Std	-	G92
	w/NA6	-	-	Std

EL CAMINO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles manufactured on and after June 27, 1977

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Exterior Decor: Includes B96 wheel opening moldings.						
Without vinyl roof cover. Also includes B80 roof drip moldings	YJ9	35.88	34.96	N.A.	46.00	46.00
With vinyl roof cover	YJ9	15.60	15.20	N.A.	20.00	20.00
Floor Covering: Mats, Color-Keyed Floor. Front only	B32	7.80	7.60	N.A.	10.00	10.00
Generator, 61-Amp Delcotron: Included with C60 air conditioning.	K76	22.62	22.04	N.A.	29.00	29.00
Glass, Soft-Ray Tinted: All windows.	A01	44.46	43.32	N.A.	57.00	57.00
Horns, Dual	U05	4.68	4.56	N.A.	6.00	6.00
† Lighting, Auxiliary:						
El Camino	ZJ9	25.74	25.08	N.A.	33.00	33.00
El Camino Classic	ZJ9	21.84	21.28	N.A.	28.00	28.00
Mirrors:						
Outside Rearview, LH Remote	D33	11.70	11.40	N.A.	15.00	15.00
Sport, LH Remote and RH Manual. Included with Z15 SS Equipment	D35	24.96	24.32	N.A.	32.00	32.00
Sport, Twin Remote.						
Without Z15 SS Equipment	D68	41.34	40.28	N.A.	53.00	53.00
With Z15 SS Equipment	D68	16.38	15.96	N.A.	21.00	21.00
Visor Vanity	D34	3.12	3.04	N.A.	4.00	4.00
Visor Vanity, Illuminated	D64	27.30	26.60	N.A.	35.00	35.00
† Moldings:						
Body Side	B84	31.20	30.40	N.A.	40.00	40.00
Door Edge Guard	B93	7.02	6.84	N.A.	9.00	9.00
Front Fender, Body Side and Tailgate. Included with D91 Conquista	BX8	35.10	34.20	N.A.	45.00	45.00
Roof Drip. Included with YJ9 Exterior Decor and vinyl roof	B80	20.28	19.76	N.A.	26.00	26.00
Wheel Opening. Included with YJ9 Exterior Decor	B96	15.60	15.20	N.A.	20.00	20.00
Radiator, Heavy-Duty	VO1	22.62	22.04	N.A.	29.00	29.00
Radio Equipment:						
AM Radio	U63	56.16	54.72	N.A.	72.00	72.00
AM /FM Radio	U69	106.86	104.12	N.A.	137.00	137.00
AM /FM Stereo Radio	U58	176.28	171.76	N.A.	226.00	226.00
Stereo Tape System with AM Radio	UM1	163.02	158.84	N.A.	209.00	209.00
Stereo Tape System with AM /FM Stereo Radio	UM2	252.72	246.24	N.A.	324.00	324.00
Windshield Antenna. Included with radio	U76	13.26	12.92	N.A.	17.00	17.00
Rails, Cargo Box Side	D73	53.04	51.68	N.A.	68.00	68.00
Seat, Power: Electric 6-way control.	A42	111.54	108.68	N.A.	143.00	143.00
Speed Control: Cruise-Master.	K30	65.52	63.84	N.A.	84.00	84.00
† SS Equipment: Includes D35 sport mirrors, ZJ7 15" x 7" rally wheels and QCY GR70-15 /B white lettered radial tires	Z15	189.54	184.68	0.80	243.00	243.80
Steering, Power: Variable-Ratio	N41	113.88	110.96	N.A.	146.00	146.00
Steering Wheels: Comfortilt.	N33	49.14	47.88	N.A.	63.00	63.00
† Suspension Equipment:						
Heavy-Duty Front and Rear	F40	3.90	3.80	N.A.	5.00	5.00
Sport	F41	7.80	7.60	N.A.	10.00	10.00
Tie-Down, Cargo Box	AV3	10.92	10.64	N.A.	14.00	14.00
Tires:						
GR78-15 /B Steel Belted Radial Ply Blackwall (Standard)	QCF				NO ADDITIONAL CHARGE	
GR78-15 /B Steel Belted Radial Ply White Stripe	QDR	35.10	34.20	N.C.	45.00	45.00
HR78-15 /B Steel Belted Radial Ply Blackwall	QDU	29.64	28.88	0.90	38.00	38.90
HR78-15 /B Steel Belted Radial Ply White Stripe	QEL	67.86	66.12	0.90	87.00	87.90
GR70-15 /B Steel Belted Radial Ply Blackwall	QBX	12.48	12.16	0.80	16.00	16.80
GR70-15 /B Steel Belted Radial Ply White Stripe	QCX	47.58	46.36	0.80	61.00	61.80
GR70-15 /B Steel Belted Radial Ply White Lettered. Included with Z15 SS Equipment	QCY	58.50	57.00	0.80	75.00	75.80
Transmissions:						
3-Speed Manual	M15				NO ADDITIONAL CHARGE	
Turbo Hydra-matic	M40	225.42	219.64	N.A.	289.00	289.00
Wheel Trim:						
Wheel Covers, Full	P01	27.30	26.60	N.A.	35.00	35.00
Wheel Covers, Sport	PB2	63.18	61.56	N.A.	81.00	81.00
† Wheels, Rally. Included with Z15 SS Equipment	ZJ7	50.70	49.40	N.A.	65.00	65.00
Windows, Power: Electric	A31	88.92	86.64	N.A.	114.00	114.00
Windshield Wiper System: Intermittent	CD4	23.40	22.80	N.A.	30.00	30.00

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

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

◇ State and local taxes not included.

† Refer to Truck Data Book for additional description of content.

EL CAMINO

1977 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles manufactured on and after June 27, 1977

Description	Model Number	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Sgt'd Retail Price★	Destination Charge & Group Number	Total
◆ 6-Cylinder Engine									
El Camino	1AC80	116"	3439.52	3356.64	14.85	4144.00	4158.85	12.....	.....
El Camino Classic	1AD80	116"	3551.57	3465.99	14.85	4279.00	4293.85	12.....	.....

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles manufactured on and after June 27, 1977

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price○
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REFER TO TRUCK DATA BOOK FOR OPTION CONTENT

REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Interior Trim:						
<i>J**1 Sport Cloth Bench Seat or P**5 Knit Cloth Notchback Bench Seat</i>						
<i>NO ADDITIONAL CHARGE</i>						
<i>V**1 Vinyl Bench Seat or V**5 Vinyl Notchback Bench Seat</i>						
		17.16	16.72	N.A.	22.00	22.00
<i>V**2 Vinyl Bucket Seats. Swing-Out Type</i>						
		102.18	99.56	N.A.	131.00	131.00
‡ Exterior Color:						
<i>Paint</i>						
<i>Solid</i>						
<i>NO ADDITIONAL CHARGE</i>						
<i>Two-Tone</i>						
		33.54	32.68	N.A.	43.00	43.00
<i>Roof Cover, Vinyl</i>						
		50.70	49.40	N.A.	65.00	65.00
Engines: (Refer to Dealer Order Guide for Emission System Requirements)						
<i>250-1 BBL L6</i>						
<i>NO ADDITIONAL CHARGE</i>						
<i>305-2 BBL V8</i>						
	LG3	93.60	91.20	N.A.	120.00	120.00
<i>350-4 BBL V8</i>						
	LM1	163.80	159.60	N.A.	210.00	210.00
Air Conditioning: <i>Four-Season. Includes K76 61-amp generator</i>						
	C60	400.92	390.64	N.A.	514.00	514.00
Axles, Rear:						
<i>Performance Ratio</i>						
	G92	10.92	10.64	N.A.	14.00	14.00
<i>Positraction</i>						
	G80	42.12	41.04	N.A.	54.00	54.00
Battery, Heavy-Duty						
	UA1	13.26	12.92	N.A.	17.00	17.00
Belts, Deluxe: <i>Color-Keyed Seat and Shoulder. Includes brushed metal buckles (Standard belts and plastic buckles are black). Replacing standard number of belts.</i>						
<i>With bench seat—3 seat and 2 shoulder</i>						
	AK1	10.92	10.64	N.A.	14.00	14.00
<i>With bucket seats—2 seat and 2 shoulder</i>						
	AK1	10.14	9.88	N.A.	13.00	13.00
‡ Bumper Equipment:						
<i>Bumper Rub Strips. Front and Rear</i>						
	VE5	26.52	25.84	N.A.	34.00	34.00
<i>Guards, Bumper. Front only</i>						
	V31	15.60	15.20	N.A.	20.00	20.00
Clock: Electric						
	U35	15.60	15.20	N.A.	20.00	20.00
Conquista: <i>Includes BX8 front fender, body side and tailgate moldings</i>						
	D91	107.64	104.88	N.A.	138.00	138.00
‡ Console						
	D55	58.50	57.00	N.A.	75.00	75.00
Container, Litter: Color-Keyed						
	D24	4.68	4.56	N.A.	6.00	6.00
Cover, Cargo Box Tonneau:						
<i>Black</i>						
	19K	74.88	72.96	N.A.	96.00	96.00
<i>White</i>						
	11K	74.88	72.96	N.A.	96.00	96.00
Door Lock System, Power: Electric						
	AU3	57.72	56.24	N.A.	74.00	74.00
‡ Econominder, Gauge Package						
	UF7	36.66	35.72	N.A.	47.00	47.00
Emission Systems:						
<i>California Emission Certification. Includes all testing, equipment and /or certification necessary for registration in the State of California</i>						
	YF5	54.60	53.20	N.A.	70.00	70.00
<i>High Altitude Emission Equipment</i>						
	NA6	17.16	16.72	N.A.	22.00	22.00
<i>Standard Emission Equipment</i>						
	NA2			<i>NO ADDITIONAL CHARGE</i>		

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

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

○ State and local taxes not included.

‡ Refer to Truck Data Book for additional description of content.

EL CAMINO

NOTES

1977 MVMA Specifications Form

Passenger Car

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CHEVELLE	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Ave. Warren, Michigan 48090	Model Year 1977	Issued: Sept. 1976 Revised (•) Feb., 1977

Sheets revised - 2. 3. 5. 11. 16. 19. 22. 25

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.

MVMA Specifications Form

Passenger Car

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NOTES:

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

MVMA Specifications Form Passenger Car

Car Line CHEV MALIBU
 Model Year 1977 Issued 9/76 Revised (e) _____

Car Models

Model Description	Make, Car line, Series, Body Type (Mfg's Model Code)	Max. Number of Passengers (Front/Rear)	
		<u>Model Number</u>	<u>Front</u> <u>Rear</u>
<u>MALIBU</u>			
2-Door Coupe	1AC37	3	3
4-Door Sedan	1AC29	3	3
<u>MALIBU CLASSIC</u>			
2-Door Coupe	1AD37	3	3
4-Door Sedan	1AD29	3	3
<u>STATION WAGONS</u>			
Malibu 4-Door, 2-Seat	1AC35	3	3
Malibu Classic 4-Door, 2-Seat	1AD35	3	3
<u>EL CAMINO</u>			
Standard 2-Door Sedan Pickup	1AC80	3	-
Classic 2-Door Sedan Pickup	1AD80	3	-

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

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) 2/77

Car and Body Dimensions See Key Sheets, Pgs. 30-33

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for: 4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T. Convertible and Station Wagon

Body Type

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickups
--------------	---------------	---------------	----------------	---------------

Width

Tread - Front	W101	61.5		
Tread - Rear	W102	60.7		
Maximum overall car width	W103	77.3		
Body width at No. 2 pillar	W117	75.5	--	75.2
Max. front doors open	W120	139.7	170.7	139.7
Max. rear doors open	W121	134.7	--	134.7

Length

Body "O" to front of dash	L 30	-0.5		
Wheelbase	L101	116.0	112.0	116.0
Overall car length	L103	209.7	205.7	215.4
Overhang - front	L104	40.2		
Overhang - rear	L105	53.5	--	59.2
Body upper structure length	L123	101.3	102.0	133.2
Body "O" line to C/L of rear wheel	L127	97.5	93.5	97.5
Body "O" line to w/s cowl point	L125	10.5		

Height

Passenger Distribution (front & rear)	*	2-3		2-Front	
Trunk/Cargo load (lbs.)	*	0			
Overall height	H101	54.1	53.4	55.8	54.2
Cowl height	H114	39.0		39.6	39.8
Deck height	H138	36.5	36.4	--	--
Rocker panel - front	H112'	To ground	9.0	9.1	9.7
From front wheel C/L		--	--	--	
Bottom of front door to ground	H133	9.8	9.7	10.5	10.2
Rocker panel - rear	H111	To ground	8.4	8.5	9.5
From rear wheel C/L		--	--	--	
Bottom of rear door to ground	H135	9.1	--	10.4	--
Windshield slope angle	H122	56.5°			

Ground Clearance

Bumper to ground - front	H102	12.2	--	12.3	13.4
Bumper to ground - rear	H104	11.8	11.7	11.6	12.1
Angle of approach	H108	19.7	19.8	19.4	19.8
Angle of departure	H107	15.49	15.43	13.49	15.68
Ramp breakover angle	H147	14.04	14.60	14.63	14.37
Rear axle differential to ground	H153	6.6	6.6	6.9	6.8
Min. running clearance (Specify)	H156	5.4 (d)	5.4 (d)	6.1 (d)	6.2 (d)

(d) Catalytic Converter

*AH measurements are made at the stated passenger and trunk/cargo loadings

With Impact Strips

		4-Dr.	2-Dr.	Wagons	Pickup
(a)	L103	210.7	206.7	216.4	214.3
(b)	L104	40.7	40.7	40.7	40.7
(c)	L105	54.0	54.0	59.7	57.6

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
Model Year 1977 Issued 9 /76 Revised (●) 2/77

Car And Body Dimensions See Key Sheets, Pgs. 30-33

SAE Ref. No.	Body Type			
	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup

Front Compartment

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup	
H Point to body "O" line	L31	42.3			
Effective head room	H61	37.9	37.2	38.5	37.2
Effective T Point head room	H75	38.1	37.4	38.6	37.4
Max. eff leg room - accelerator	L34	42.4		42.3	42.4
H Point to Heel point	H30	8.4			
H Point travel	L17	5.1			
Shoulder room	W3	59.6			
Hip room	W5	54.7	54.8	54.7	54.8
Upper body opening to ground	H50	49.9	49.2	50.6	49.2
Steering Wheel Angle Vertical	H-18	17.9°			
Back Angle Front	L-40	26.5°			

Rear Compartment

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup	
H Point couple distance	L50	34.6	31.0	33.1	--
Effective head room	H63	37.3	36.7	39.2	--
Effective T Point head room	H76	37.0	36.5	39.2	--
Min effective leg room	L51	36.9	32.9	33.3	--
H Point to Heel point	H31	11.0	10.1	11.3	--
Min. knee room	L48	1.4	-1.3	0.0	--
Rear Compartment room	L3	26.7	24.2	27.3	--
Shoulder room	W4	58.9	58.0	58.9	--
Hip room	W6	57.8	52.7	55.1	--
Upper body opening to ground	H51	49.0	--	50.6	--

Luggage Compartment

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup	
● Usable luggage capacity (cu. ft. (+))	V1	14.9	14.5	--	26.2
Liftover height	H195	22.2	21.5	24.2	26.4
Position of spare tire storage		Centered in forward trunk area		(a)	(b)
Method of holding lid open		Boxed hinges with torsion rod		(c)	--

- (a) - Right rear quarter.
- (b) - Behind passenger's seat.
- (c) - Station wagons, compression spring type telescoping mechanism.
- (+) - Corporation "H" (Shoe Box) method of measurement is used.

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Car And Body Dimensions See Key Sheets, Pgs. 30-33

Body Type

SAE Ref. No.	Station Wagons
---------------------	----------------

Station Wagon — Third Seat

Shoulder Room	W85	42.7
Hip room	W88	36.5
Effective leg room	L88	27.8
Effective head room	H88	37.6
Effective T Point head room	H89	38.8
Seat facing direction		Rearward

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	90.2
Cargo length at belt - front seat	L204	82.9
Cargo width - Wheelhouse	W201	43.6
Opening width at belt	W204	42.5
Maximum cargo height	H201	30.1
Rear opening height	H202	27.4
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	85.1*

Hatchback — Cargo Space

*Concealed stowage compartment (cu.ft.)

9.8 cu.ft. 2-Seat
 5.8 cu.ft. 3-Seat

Front Seat Back to Load Floor Height	H197	
Cargo Length at Front Seat Back Height	L208	Not
Cargo Length at Floor - Front Seat	L209	
Cargo volume index (cu. ft.) $\frac{L208 + L209}{2} \times W4 \times H197$ 1728	V3	Applicable

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) 2/77

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 (1)					TRANSMISSION	AXLE RATIO *			
	Displ. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM			Exhaust System*	(Std. first) (Indicate A/C ratio)		
				BHP	Torque			A(std)	B(opt)	C(std)
All models except Station wagon Base (a)	250 L6	1-bbl	8.3:1	110	195	S	3-spd. manual (3.11:1 low) (b)			
	4.1ℓ L22			3800	1600		2.73 3.08 --			
Sedan, Coupe & Pickup - Opt. All exc. Calif. Station Wagon Base exc. Calif. Model 1AC35	305 V8	2-bbl	8.5:1	145	245	S	3-spd. Automatic (optional)			
	5.0ℓ LG3			3800	2400		2.56 -- --			
Sedan, Coupe & Pickup-Opt. All States Station Wagons Base-All States Model 1AD35 Optional-All States Model 1AC35	350 V8	4-bbl	8.5:1	170	270	S	3-spd. Automatic (optional)			
	5.7ℓ LM1			3800	2400		2.56 3.08 3.08			
# - 'Base' and 'Optional' refer to engine availability. * - Positraction available optional for all ratios. a - Air Conditioning not available in California. b - Air Conditioning and manual transmission not available on 1AD29. c - Air Conditioning not available on 1AD29 and 1AD80. d - Air Conditioning not available. 'A' & 'B' - Below 4000 feet altitude in 49 states and all altitudes in California. 'C' - Above 4000 feet altitude in all states except California.										
(1) California only:										
			BHP		TORQUE					
			90 @ 3600		180 @ 1600					
			160 @ 3800		260 @ 2400					

*S - Single D - Dual

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●)

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LMI

Engine — General

Type, no. cyls., valve arr.	In-line 6 OHV	90° V8 OHV	
Bore and stroke (nominal)	3.875 x 3.53	3.736 x 3.48	4.00 x 3.48
Piston displacement, cu. in.	250	305	350
Bore spacing (C/L to C/L)	4.40		
No. system (front to rear)	L. Bank	1-2-3-4-5-6	1-3-5-7
	R. Bank	In-line	2-4-6-8
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cyl. Sleeve-Wet, dry, none	None		
Number of mtg. points	Front	Two	
	Rear	One	
Engine installation angle	4° 46'		
Recommended fuel regular — premium	Unleaded		
Cylinder Head Volume (cc)	71.28	60.52	75.47
Head Gasket Thickness (Compressed)	.033	.021	.021
Head Gasket Volume (cc)	7.08	3.98	4.58
Deck Clearance (minimum) (above or below block)	.025 below	.025 below	.025 below
Minimum Combustion Chamber Volume (cc)	68.00	59.52	74.47

Engine — Pistons

Material	Cast aluminum alloy		
Description and finish	Sump head; closed, slipper skirt	Sump head; closed, slipper skirt	
Weight (piston only) oz	20.24	20.80	21.33
Clearance (limits)	Top land	.0245-.0335	.0235-.0325
	Skirt	Top	.0005-.0015 (a)
		Bottom	.0017-.0042 (b)
Ring groove diameter	No. 1 ring	3.434-3.444	3.541 - 3.556
	No. 2 ring	3.434-3.444	3.541 - 3.556
	No. 3 ring	3.446-3.456	3.577 - 3.592

(a) Measured 1.66 from top of piston

(b) Measured 1.56 from top of piston

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LMI

Engine - Piston Rings

Function (top to bottom)	No 1. oil or comp.	Compression		
	No 2. oil or comp.	Compression		
	No 3. oil or comp.	Oil		
Compression	Description - Upper	Cast alloy iron, barrel face (a)		
	material, coating Lower etc	Cast alloy iron inside bevel tapered face (b)		
	Width	(c)	(d)	(e)
	Gap	.010-.020	(f)	(g)
Oil	Description - material, coating, etc.	Multi-piece (2 rails and 1 spacer expander) Rails-steel, chrome plated OD; expander-stainless steel		
	Width	.1850-.1870	.1859-.1879	.1850-.1870
	Gap	.015-.055	.010-.035	.015-.055
Expanders		In oil ring assembly		

Engine - Piston Pins

Material	Chromium steel			
Length	2.990-3.010			
Diameter	.9270-.9273			
Type	Locked in rod, in piston, floating, etc.	Locked in rod		
	Bushing	In rod or piston Material	None	
Clearance	In piston	.00015-.00025	.00025-.00035	
	In rod			
Direction & amount offset in piston	Major thrust side .060			

Engine - Connecting Rods

Material	Drop forged steel		
Weight (oz)	14.24	13.70	13.70
Length (center to center)	5.695-5.705		
Bearing	Material & Type	Premium aluminum	
	Overall length	.807	.797
	Clearance (limits)	.0007-.0027	.0013-.0035
	End Play	.007-.016	.006-.016

- (a) Wear resistant coating and molybdenum inlay on L6-250 also graphite impregnated on L6-250, chrome Flash and Radius Face on 305 & 350 V8.
 (b) Wear resistant coating on L6-250 - V8-305 - V8-350; Reverse twist tapered face on V8's
 (c) Upper .0775-.0780; lower .0770-.0780
 (d) Upper .0770-.0780; lower .0770-.0775
 (e) Upper .0775-.0780; lower .0770-.0775
 (f) Upper .010-.020; lower .010-.025
 (g) Upper .010-.020; lower .013-.025

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement

L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LMI
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Engine—Crankshaft

Material	Cast nodular iron			
Vibration damper type	Rubber mounted inertia			
End thrust taken by bearing (No)	7	5		
Crankshaft end play	.002-.006	.002-.007		
Main bearing	Material & type	(a)	(b)	
	Clearance	.0003-.0029	(c)	
	Journal dia and bearing overall length	No 1	2.2999 x .752	2.4502 x .752
		No 2	2.2999 x .752	2.4502 x .752
		No 3	2.2999 x .752	2.4502 x .752
		No 4	2.2999 x .752	2.4502 x .752
		No 5	2.2999 x .752	2.4508 x 1.180
		No 6	2.2999 x .752	None
No 7		2.2999 x .760	None	
Dir & amt cyl offset	None			
No bolts/main brg cap	14 bolts/7 caps	10 bolts/5 caps		
Crankpin journal diameter	1.999-2.000	2.099-2.100		

Engine—Camshaft

Location	(d)	In block above crankshaft		
Material	Cast alloy iron			
Bearings	Material	Steel backed babbitt		
	Number	4	5	
Type of Drive	Gear or chain	Gear	Chain	
	Crankshaft gear or sprocket material	Cast Iron	Sintered Iron	
	Camshaft gear or sprocket material	Aluminum Alloy	Nylon teeth with aluminum head	
	Timing chain	No of links	None	46
		Width	None	.625
Pitch		None	.500	

- (a) No. 1 - No. 6 premium aluminum
 No. 7 lower with automatic transmission premium aluminum - rear main upper and lower with manual transmission copper lead alloy.
- (b) No. 1 - No. 4 - premium aluminum.
 No. 5 lower (automatic transmission) - premium aluminum.
 No. 5 upper and No. 5 lower (manual transmission) - copper lead alloy.
- (c) No. 1 - .0008-.0020
 No. 2, 3 & 4 - .0011 -.0023
 No. 5 - .0017-.0033
- (d) Above and to right of crankshaft

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement

L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LMI
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Engine—Valve System

		Standard			
Hydraulic lifters (Std. opt. NA)		Standard			
Valve rotator type (intake, exhaust)		None	Exhaust		
Push rods (dia., length, material) (a)		.3125 x 9.612	.3125 x 7.724		
Rocker ratio		1.75:1	1.50:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero			
	Exhaust	Zero			
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16°	28°	28°
		Closes (°ABC)	48°	64°	72°
		Duration (deg)	244°	272°	280°
	Exhaust	Opens (°BBC)	64°	78°	78°
		Closes (°ATC)	50°	30°	30°
		Duration (deg)	294°	288°	288°
Valve open overlap (deg)		66°	58°	58°	
Material		Alloy steel, aluminized face for L6-250, V8-305			
Overall length		4.902 - 4.922		4.870-4.889	
Actual overall head dia		1.715-1.725		1.935-1.945	
Angle of seat & face (deg)		46° seat; 45° face			
Seat insert material		None			
Stem diameter		.3410-.3417			
Stem to guide clearance		.0010-.0027			
Intake	Lift (at zero lash)		.3880	.3727	.3900
	Outer spring press & length	Valve closed (lb. @ in.)	78-86 @ 1.66	76-84 @ 1.70	
		Valve open (lb. @ in.)	170-180 @ 1.26	194-206 @ 1.25	
	Inner spring press & length	Valve closed (lb. @ in.)	None	Spring damper	
		Valve open (lb. @ in.)	None	Spring damper	
	Material		High alloy steel, aluminized face		
Overall length		4.913-4.933		4.910-4.930	
Actual overall head dia		1.495-1.505		1.495-1.505	
Angle of seat & face (deg)		46° seat, 45° face			
Seat insert material		None			
Stem diameter		.3410-.3417			
Stem to guide clearance		.0010-.0027			
Exhaust	Lift (at zero lash)		.4051	.4100	.4100
	Outer spring press & length	Valve closed (lb. @ in.)	76-86 @ 1.66	76-84 @ 1.61	
		Valve open (lb. @ in.)	170-180 @ 1.26	194-206 @ 1.16	
	Inner spring press & length	Valve closed (lb. @ in.)	None	Spring damper	
		Valve open (lb. @ in.)	None	Spring damper	

(a) Welded steel tubing

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LMI

Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure		
	Connecting rods	Pressure		
	Piston pins	Splash		
	Camshaft bearings	Pressure		
	Tappets	Pressure		
	Timing gear or chain	Nozzle	Centri fugally oiled from camshaft bearing	
	Cylinder walls	Splash	Pressure jet cross sprayed	
Oil pump type	Gear			
Normal oil pressure (lb. @ engine rpm)	36-41 @ 2000	32-40 @ 2000		
Oil press. sending unit (elect. or mech.)	Electric			
Type oil intake (floating, stationary)	Stationary			
Oil filter system (full flow, part., other)	Full flow			
Filter replacement (element, complete)	Complete			
Capacity of c/case, less filter-refill (qt.)	4			
Oil grade recommended (SAE viscosity and temperature range)	20°F and above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50 0° to 60°F - 10W, 5W-30, 10W-40, 10W-30 Below 20°F - 5W-20, 10W-30			
Engine service reqmt. (SD, SE, etc.)	SE			

Engine — Exhaust system

Type (single, single with cross-over, dual, other)	Single with single converter	Single with crossover and single converter	
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow		
Resonator No. & type	None		
Exhaust Pipe	(a) Branch O. D., wall thickness	2.00 x .040*	2.00 x .040*
	(b) Main O. D., wall thickness	2.50 x .060 (c)	2.25 x .079* (c)
	Material	Stainless steel tubing	
Tail Pipe	O. D. & wall thickness	2.00 x .071	2.25 x .071
	Material	Stainless steel tubing, aluminum coating	

- * - Laminated
- (a) - Crossover
- (b) - Exhaust pipe to converter
- (c) - Converter to muffler
 - L6-250 - 2.25 x .071
 - V8-350 - 2.50 x .071

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (e) 2/77

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1

Engine — Fuel System

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

Induction type: Carburetor, fuel injection, supercharger		Carburetor	
Fuel Tank	Refill capacity (U. S. gals.)	Approximately 22; Pickup 26	
	Filler location	Behind hinged rear license plate (a)	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower right front of engine	
	Pressure range (b)	4.00-5.00	7.50-9.00
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fine mesh plastic strainer in gas tank and paper filter element in carburetor inlet	
	Locations		
Carburetor	Choke type	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust	
	Air cleaner type	Standard	Thermostatically controlled/ oil wetted paper element
		Optional	
	Idle speed (spec neutral or drive)	Manual	750/N
	Automatic	550/D	500/D
	Idle A/F mix.	Not specified	

Carburetor Supplementary Information

Model Usage	Piston Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
Refer to Power Team Line-Up (Page 5) for Model Application	250 L22	Manual	Rochester	17057013	One; 1-bbl.	1.69
		Automatic		17057014 (17057314)		
	305 LG3	Automatic	Rochester	17057108	One; 2-bbl.	1.69
	350 LM1	Automatic	Rochester	17057202 (17057502)	One; 4-bbl.	1.38 Prim. 2.25 Sec.

NOTE: data bracketed () pertains to engine application specific to California

- (a) Left quarter panel on Station Wagon.
 (b) 1800 RPM at pump outlet.

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement

L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1
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Engine — Cooling System

Type system (pressure, pressure vented, atmospheric, other)	Pressure-vented thru coolant recovery system		
Radiator cap relief valve pressure	15 PSI		
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at (°F)	192°-198°	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	12.8	22.7
	Number of pumps	One	
	Drive (V-belt, other)	V-belt	
	Bearing type	Permanently lubricated double row ball	
By-pass recirculation type (inter., ext.)	Internal		
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)	Cross flow; tube and center		
Cooling system capacity	With heater (qt.)	14.24	16.6
	Without heater (qt.)		
	Opt. equipment-specify (qt.)	14.4	18.0
Water jackets full length of cyl. (yes, no)	Yes		
Water all around cylinder (yes, no)	Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	1.75
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	None
		Inside diameter	None
Fan	Number of blades & spacing	4-blade, staggered	
	Diameter	17.62	19.00
	Ratio-fan to crankshaft rev	1.165:1	.949:1
	Fan cutout type	None	
	Bearing type	Double row ball	
*Drive belts (indicate belt used by letter)	Fan	A	E (H)
	Generator or alternator	A	E (H)
	Water Pump	A	E (H)
	Power Steering	B	F
	Air Conditioning	C	G
	Air Injection	D	---	(H)

Note-Items bracketed () are specific to California engines.

*Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	←-----→			34°-38°	←-----→						
Nominal length (SAE)	38.0	49.0	51.0	38.0	44.5	36.0	34.5	47.0			
Width	.440	.380	.440	.380	.380	.380	.380	.380			

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement

L6-250 (L22), V8-305 & 350 Except California	L6-250 (L22) & V8-350 (LM1) California Only
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Vehicle Emission Control

Type (Air injection, engine modifications, other)		Engine modifications	Air injection
Air Injection Pump	Type	Controlled Combustion System	Semi-articulated vane type
	Displacement		19.3 cubic inch
	Drive ratio		1.15:1
	Drive type		Crankshaft pulley
	Relief valve (type)		Diverter valve
	Filter (describe)		Centrifugal air cleaner
Air Injection System	Air distribution (head, manifold, etc.)		Exhaust pipe
	Point of entry		Exhaust pipe
	Injection tube i.d.		.2700
	Check valve type		Pressure plate system
	Backfire protection (type)		Diverter valve
Exhaust Emission Control Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)		Controlled flow
	Valve type		Vacuum modulated shut-off and metering valve
	Valve location		L6-250 left front, V8-350 right rear of inlet Mn'fld.
	Control energy source		Carburetor vacuum
	Exhaust source		Manifold exhaust crossover
	Exhaust cooler type		None
	Orifice no. and size		One; .030
	Point of exhaust injection (spacer, carburetor, manifold, other)		Inlet manifold
Catalytic Converter System	Catalyst	Type	Platinum-palladium
		Volume	260 cu. in.
	Substrate type		Alumina
	Container location		Beneath right front underbody; Also monolith manifold converter for 250 L6
Other	Carburetor		Thermostatically controlled air cleaner
	Hot air		regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission

**MVMA Specifications Form
Passenger Car**

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Engine Displacement

L6-250 C.I.; V8-305 C.I.; V8-350 C.I.

Vehicle Emission Control (Continued)

		Type (ventilates to atmos., induction system, other)	Standard	Induction system	
			Optional		
Crankcase Emission Control	Control Unit	Make and model		A.C. Spark Plug 6487935 (L6) 6487728 (V8)	
		Location		Rocker cover-top rear L6 and left front V8	
		Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
		Control method (variable orifice, fixed orifice, other)		Variable orifice	
	Complete System	Discharges (to intake manifold, other)			Intake manifold
		Air inlet (breather cap, other)			Carburetor air cleaner
		Flame arrestor (screen, other)			Screen
Evaporative Emission Control	Fuel Tank	Thermal expansion volume (cu. ft.)		Approximately 10% of refill capacity	
		Relief pressure (psi) and location		1.1 PSI	
		Vacuum relief (psi) and location		.7 PSI	
		Vapor-liquid separator type		Integral with fuel tank	
		Vapor vented to (crankcase, canister, other)		Canister	
	Carburetor	Vapor vented to (crankcase, canister, other)			Atmospheric L-6 Engines Internally vented V-8 engines --
	Vapor Storage	Storage provision (crankcase, canister, other)			Canister
		Volume (cu. ft.) or capacity (grams)			Approximately 50 grams storage capacity
		Control valve type			Controlled by orifices and carburetor throttle body and throttle blade position

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (e) _____

Engine Displacement

L6-250 C.I.	V8-305; V8-350
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Electrical — Supply System

Battery	Make and Model	Delco Remy 1980291	Delco Remy 19802040	
	Voltage Rtg & Total Plates	12V (2500 watts) 54 plates	12V (3200 watts) 66 plates	
	SAE Designation No and/or capacity	0°-275 amps; -20°-210 amps; 60 minutes reserve capacity	0° -350 amps; -20°-270 amps 80 minutes reserve capacity	
	Location	Right side of engine compartment		
Terminal grounded	Negative			
Generator or Alternator	Make	Delco Remy		
	Model	1102491	1102394	
	Type and rating	Diode rectified 37 amps		
	Output at engine idle (neutral)	12-20 amps		
	Ratio: Gen to Cris rev	2.73:1		
Regulator	Make	Delco Remy		
	Model	--		
	Type	Micro circuit unit; integral with alternator		
	Output relay	Closing voltage @ generator rpm	None	
		Reverse current to open	None	
	Regulated	Voltage	13.8-14.8 @ 85°F	
		Current	--	
	Voltage test conditions	Temperature	Operating	
Load		3-8 amperes		
Other		None		

Electrical — Starting System

Starting Motor	Make	Delco Remy		
	Model	1108778	1108776	
	Rotation (drive end view)	Clockwise		
Motor Drive	Engagement type	Positive shift solenoid		
	Pinion engages from (front, rear)	Rear		
Motor Drive	Number of teeth	Pinion	9	9
		Flywheel	Manual	153
	Auto		153	168
	Flywheel tooth face width	Manual	.4010-.4130	--
		Auto	.4010-.4130	.4100-.4220

(A) - Cold cranking rating

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Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) 2/77

Engine Displacement

L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1
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Electrical — Ignition System — Distributor

Breaker gap (in.)		Not applicable		
Cam angle (deg.)		Not applicable		
Brkr. arm tension (oz.)		Not applicable		
Distributor	Manual	1110678	Not available	
	Automatic	1110678 (1110681)	1103239	1103246 (1103248)
Timing	Manual	6° @ 750	-	-
	Automatic	6° @ 600	8° @ 500	8° @ 500 (8° @ 500)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110678	0 @ 1000	7 @ 1600	20 @ 4200	0 @ 4	24 @ 15
1113239	0 @ 1200	13 @ 2000	20 @ 4200	0 @ 4	15 @ 10
1113246	0 @ 1200	12 @ 2000	22 @ 4200	0 @ 4	18 @ 12
1113248	0 @ 1200	12 @ 2000	22 @ 4200	0 @ 4	10 @ 8
1110681	0 @ 1000	7 @ 1600	20 @ 4200	0 @ 4	15 @ 12
NOTE: Items bracketed () are specific to California engines					

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9 / 76 Revised (●) _____

Engine Displacement		
L6-250	V8-305	V8-350

Electrical—Ignition System

Type	Conventional - Std., Opt., N.A.	--	
	Transistorized - Std., Opt., N.A.	--	
	Other (specify)	High energy ignition system (H.E.I.)	
Coil	Make	Delco Remy	
	Model	Integral with distributor	
	Current	Engine stopped	--
		Engine idling	--
Spark Plug	Make	AC Spark Plug	
	Model	R46TS | R45TS	
	Thread (mm)	14	
	Tightening torque (lb. ft.)	25 (original) 15 (replacement)	
	Gap	.035 | .045	
Cable	Conductor type	Fiberglass core impregnated with electrical conducting mat'l	
	Insulation type	Rubber with silicone jacket	
	Spark plug protector	Silicone rubber	

Electrical—Suppression

Locations & type	
------------------	--

Electrical—Instruments and Equipment

Speedometer	Type	In-line with pointer
	Trip odometer (std. opt., N.A.)	Not available
EGR maintenance indicator		NA
Charge Indicator	Type	Tell-Tale
	Warning device	NA
Temperature Indicator	Type	Tell-Tale
	Warning device	NA
Oil pressure Indicator	Type	Tell-Tale
	Warning device	NA
Fuel Indicator	Type	Electric gauge
	Warning device	NA
Windshield Wiper	Type - standard	Electric Two-speed
	Type - optional	Intermittent windshield wiper system
	Blade length	16.0"
	Swept area Sq. In.	834.8
Windshield Washer	Type - standard	Push button
	Type - optional	None
	Fluid level indicator	NA
Horn	Type	Vibrator
	Number used	One; Two optional (a)
	Current draw (A) per horn	4.5-6.5 @ 12.5 (low note)
Other		Restraint system warning light and buzzer Parking brake and parking brake warning light

MVMA-40A-76 (a) Two standard with Malibu Classic Landau option (RPO Z03).
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MVMA Specifications Form Passenger Car

Car Line CHEVELLE
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Engine Displacement

L6-250 C.I.

Drive Units—Clutch (Manual Transmission)

Make & type	Chevrolet; single dry disc	
Type pressure plate springs	Diaphragm	
Total spring load (lb.)	1650-1900	
No. of clutch driven discs	One	
Clutch facing	Material	Woven type asbestos
	Manufacturer	Chevrolet
	Part Number	3828054
	Rivets/Plate	36
	Rivet size	.143 x .213
	Outside & inside dia.	9.12 x 6.12
	Total eff. area (sq. in.)	71.82
Release bearing	Thickness	.135
	Engagement cushioning method	Flat spring steel between facings
Torsional damping	Type & method of lubrication	Single row ball, packed and sealed
	Methods springs, friction material	Coil springs

Drive Units—Transmissions

Manual 3-speed (std., opt., N A)	Standard; not available with V8 (305 and 350)
Manual 4-speed (std., opt., N A)	Not available
Automatic (std., opt., N A)	Optional

Drive Units — Manual Trans.

Number of forward speeds	3		
Transmission ratios	In first	3.11	
	In second	1.84	
	In third	1.00	
	In fourth	--	
	In reverse	3.22	
Synchronous meshing, specify gears	All forward gears		
Shift lever location	Steering column		
Lubricant	Capacity (pt.)	3	
	Type recommended	Meeting Military specs. MIL-L-2105B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
Extreme cold		SAE 80	

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) 2/77

Engine Displacement

L6-250 C.I.	V8-305-350 C.I.
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Drive Units—Automatic Transmission

Trade name	Turbo Hydra-matic	
Type (describe)	Torque converter with planetary gears	
Selector location	Lever-steering column; floor mounted when used with optional console and bucket seats	
Gear Ratios	P	Park
	R	1.94
	N	Neutral
	D	2.52-1.52-1.00
	L2	2.52-1.52
	L1	2.52
Max upshift speed - drive range	70	81
Max kickdown speed - drive range	66	77
Torque Converter	Number of elements	3
	Max ratio at stall	2.00
	Type of cooling (air, liquid)	Water
	Nominal diameter	11.75
Lubricant	Capacity - refill (pt)	8
	Type recommended	Dexron II
Special transmission features		

Drive Units—Axle

Type (front, rear)	Rear		
Description	Semi-floating axles, overhung hypoid drive pinion and ring gear		
Limited Slip differential, type	Disc clutches		
Drive Pinion Offset	1.50		
No. of differential pinions	Two		
Pinion adjustment (shim, other)	Shims		
Pinion bearing adj (shim, other)	Collapsible sleeve		
Wheel bearing type	Direct or single row cylindrical		
Lubricant	Capacity (pt)	4.00	
	Type recommended	Meeting Military specs. MIL-L-2105B	
	SAE viscosity number	Summer	80W-90
		Winter	80W-90
		Extreme cold	80W-90

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

Axle ratio	2.56	2.73	3.08	2.73	3.08
No of teeth	Pinion	16	15	13	15
	Ring gear	41	41	40	41
Ring Gear O D	8.50 (a)			8.75 (b)	

- (a) Coupes, Sedans & Sedan Pickups
- (b) Station Wagons

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9 776 Revised (●) _____

Engine Displacement

--

Drive Units—Propeller Shaft

Number used		One	
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube	
Outer diam x length* x wall thickness	Manual 3-speed trans.	3.00 x 57.65 x 0.065 (116" wheelbase) 2.75 x 53.65 x 0.065 (112" wheelbase)	
	Manual 4-speed trans.		
	Automatic transmission	Same as 3-speed	
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	--	
Slip Yoke	Type	Yoke	
	Number of teeth	27	
	Spline O. D.	1.1750-1.1752	
Universal joints	Make and Mfg. No.	Saginaw 44	
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	Strap & bolt	
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric (fitting, prepack)	Pre-pack
Drive taken through (torque tube or arms, springs)		Control arm	
Torque taken through (torque tube or arms, springs)		Control arm	

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

MVMA Specifications Form Passenger Car

Car Line **CHEVELLE**
 Model Year **1977** Issued **9/76** Revised (e)

Body Type And/Or Engine Displacement, Etc.

LAC29/37 LAD29/37	LAC/AD/35	LAC/AD80
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Drive Units — Tires And Wheels (Standard)

		FR78 x 15B (a)	HR78 x 15B	GR78 x 15B	
TIRES	Size, load range, ply				
	Type (bias, radial, etc.)	Glass belt, radial	Steel belted radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front *	28	24	30
		Rear *	28	32	32
	Rev. mile @ 45 mph	779	744	763	
WHEELS	Type & material	Short spoke disc, steel			
	Rim (size & flange type)	15 x 6 (c)	15 x 7 (c)	15 x 7 (c)	
	Wheel offset	.50	.30	.30	
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	4.75		
		Number & size	5 hex nuts 7/16-20 UNF-2B		
Spare wheel (same or other)	Same				

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	GR78 x 15 (b)		HR78 x 15B
Type (bias, radial, etc.)		Steel belted radial	
Wheel type & material		Short spoke disc steel	
Rim (size, flange type, and offset)	15 x 6 -.50	15 x 7 -.30	15 x 7 -.30
Size, load range, ply	HR78 x 15B		GR70 x 15B
Type (bias, radial, etc.)		Steel belted radial	
Wheel type & material		Short spoke disc, steel	
Rim (size, flange type, and offset)	15 x 6 -.50	15 x 7 -.30	15 x 7 -.30
Size, load range, ply	GR70 x 15B		
Type (bias, radial, etc.)	Stl. bld-radial		
Wheel type & material	Same as above		
Rim (size, flange type, and offset)	15 x 6 -.50		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			

Brakes — Parking

Type of control	Foot pedal apply; '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)	--

*Full rated pressures shown; selective tire pressures are contingent on weight of vehicles.

- (a) Base tire with L6 engine models.
- (b) Base tire with V8 engine models.

(c) 15 x 7 or 15 x 7 Rally available optionally.

15 x 7 required with RPO PB2 Deluxe Wheel Trim Cover.

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
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Body Type And/Or Engine Displacement

Malibu Sedan & Coupe 1AC29/37 with L-6 Engine	Malibu Classic and Pickups with L6 Engines and All models with V8 Engines
--	---

Brakes — Service

Brake Type (std., opt., N.A.)	Drum	Front	--		
		Rear	Standard		
	Disc	Front	Standard		
		Rear	--		
Self-adjusting (std., opt., N.A.)			Standard		
Special Valving	Type (proportion, delay, metering, other)		Metering and proportioning		
			Proportioning only on station wagons		
Power Brake (std., opt., N.A.)			Optional	Standard	
Booster Type (remote, integral, etc.)			Integral		
Effective area (sq. in.)*			111.2		
Gross lining area (sq. in.)**			116.9		
Swept area (sq. in.)***			351.95		
Drum	Diameter (nominal)	Front	--		
		Rear	11.0		
Type and material			Finned, cast iron		
Rotor	Outer working diameter		11.0		
	Inner working diameter		7.18		
	Thickness		1.03		
	Material & type (vented/solid)		Cast iron, vented		
Wheel cyl- inder bore	Front		2.9375		
	Rear		.9375		
Master Cylinder	Bore		.9375; power 1.125	1.125	
	Stroke		1.438; power 1.408	1.408	
Pedal arc ratio			6.29:1; power 3.5:1		
Line pressure at 100 lb. pedal load					
Shoe Clearance	Front		Self adjusting		
	Rear		Self adjusting		
Anti-skid device type (std. opt. N.A.)			N.A.		
Brake Lining	Bonded or riveted, rivets/seg.		Riveted		
	Rivet size		Front .210 x .379 Rear .143 x .250		
	Manufacturer		Delco Moraine		
	Part number		Front 18000282, Rear 18000181		
	Front Wheel	Material		Molded asbestos	
		Size (length x width x thickness)	Prim. or out- board	5.40 x 1.92 x 0.465	
			Second or in- board	5.40 x 1.92 x 0.465	
		Segments per shoe		One	
		Shoe thickness		Inboard .620; outboard .550	
		Rear Wheel	Material		Molded asbestos
	Size (length x width x thickness)		Prim. or out- board	8.87 x 2.0 x 0.25	
			Second or in- board	11.12 x 2.0 x 0.30	
	Segments per shoe		One		
	Shoe thickness		Primary .325; Secondary .365		

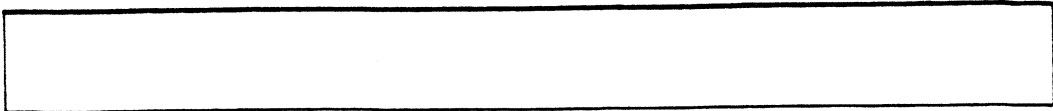
* Excludes rivet holes, grooves, chamfers, etc.

** 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.)

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____



Steering

Manual (std., opt., NA)		Standard with L6 Engine Models		
Power (std., opt., NA)		Standard on all models except L6 engine equipped		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: Universal jointed steering shaft at base of steering wheel; 5 inch vertical travel		
	(std., opt., NA)	Optional		
Wheel diameter	Manual	15.25		
	Power	Same		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	Manual 42.64; Power except S. Wag. 43.06, S. Wag. 42.86	
		Curb to curb (l. & r.)	Manual 39.46; Power except S. Wag. 39.89, S. Wag. 39.74	
	Inside rear	Wall to wall (l. & r.)	Sedans & Coupes - 11.44; S. Wag. - 11.89	
		Curb to curb (l. & r.)	Sedans & Coupes - 10.73; S. Wag. - 11.21	
Manual	Gear	Type	Semi-reversible, recirculating ball nut	
		Make	Saginaw steering	
		Ratios	Gear	28.0:1
			Overall	32.8:1 on center to 34.7:1
	No. wheel turns (stop to stop)	6.64		
Power	Type (coaxial, linkage, etc.)	Integral gear with power piston and vane-type pump		
	Make	Saginaw steering		
	Gear	Type	Same as manual	
		Ratios	Gear	16.0:1 on center to 13.0:1
			Overall	17.6:1 on center to 14.3:1 (a)
Pump driven by	Crankshaft Pulley			
No. wheel turns (stop to stop)	Except St. Wags. 3.30; St. Wags. 3.37			
Linkage	Type	Parallelogram (b)		
	Location (front or rear of wheels, other)	Front		
	Drag link (trans. or longit.)	None		
	Tie rods (one or two)	Two		
Steering Axis	Inclination at camber (deg.)	9.6 @ 1° Camber		
	Bearings (type)	Upper	Ball stud with non-metallic surfaces	
		Lower	Ball stud with non-metallic surfaces	
		Thrust	None	
Whl Align. (range at curb wt. & preferred)	Caster (deg.)	P2±1		
	Camber (deg.)	Left P1±1/2; Right P1/2±1/2		
	Toe-in (outside track inches)	1/16±0.12		
Steering spindle & joint type		Forging with pad for mounting brake cyl. spherical joints		
Wheel Spindle	Diameter	Inner bearing	1.2493 - 1.2498	
		Outer bearing	0.7493 - 0.7498	
	Thread size	3/4-20 NEF-3 (Modified)		
	Bearing type	Taper Roller		

- (a) Station Wagons 18.7:1 on center to 16.1:1
- (b) Hydraulic dampener used on relay rod on 6 cylinder with manual steering.

MVMA Specifications Form Passenger Car

Car Line **CHEVELLE**
 Model Year **1977** Issued **9/76** Revised (●)

Body Type And/Or Engine Displacement

Coupes & Sedans	Station Wagons & Pickups
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Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Mounting angle of front upper control arms'	
Provision for acc. squat control	Rear suspension geometry	
Special provisions for car jacking	Position jack in bumper slots in lower face of front and rear bumpers	
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features	Air booster shock absorbers standard on rear of pickup	

Suspension — Front

Type and description	Independet - SLA type with coil springs	
Travel	Full Jounce	3.54
	Full Rebound	4.28
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	11.00 x 4.05; 128.94 x .668 (a)
	Spring rate (lb. per in.)	300 (a)
	Rate at wheel (lb. per in.)	84
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	H.R. steel .94; - Station Wagons 1.00

Suspension — Rear

Type and description	Linked Salisbury axle fixed by control arms	
Drive and torque taken through	Control arms	
Travel	Full Jounce	3.80
	Full Rebound	4.87
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (length x width, coil design height & I.D., bar length & dia.)	10.00 x 5.50; 110.8 x 548 (a)
	Spring rate (lb. per in.)	115 (a)
	Rate at wheel (lb. per in.)	125
	Mounting insulation type	Natural rubber
Stabilizer	If leaf	No of leaves
	Shackle (comp. or tens.)	
	Type (link, linkless, frameless)	Link - Optional
Material & bar diameter	Steel-0.875	
Track bar type	None	

(a) For based equipped model. Springs for all models computer selected by size and rate according to vehicle weights, including optional equipment.

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9 / 76 Revised (●) _____

Body Type

4-Door Sedan	2-Door Coupes	Station Wagon	Sedan Pickup
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Convenience Equipment

Power windows	Side windows	Optional
	Vent windows	NA
	Backlight or tailgate	NA
Power seats (specify type as well as availability)	6-way power bench seat; optional all models	
Reclining front seat back (R-L or both)	NA	
Radios (specify type as well as availability)	Optional AM pushbutton, AM-FM pushbutton, AM-FM stereo Rad. (a) AM radio w/stereo tape (a) AM-FM radio w/stereo tape (a)	
Rear seat speaker	Optional	
Power antenna	NA	
Clock	Optional	
Air conditioner (specify type and availability)	Optional-4-Season manual control	
Speed warning device	NA	
Speed control device	Optional-with V8 engine and automatic transmission only	
Ignition lock lamp	NA	
Dome lamp	Standard	
Glove compartment lamp	Standard	
Luggage compartment lamp	Optional (a)	
Underhood lamp	Optional	
Courtesy lamp	Optional	
Map lamp	Optional	
Cornering light lamp	NA	
Rear window defroster electrically heated	NA	
Rear window defogger	Optional (a)	
Power Dr. Lock Sys.	Optional	
Swivel Bucket Seats	Optional all models except 29 models	
Windshield Antenna	Available with factory installed radio	

Lamp Height And Spacing*

(a) Not available with El Camino.

Height above ground to center of bulb or marker	Lamp	Position	4-Door Sedan	2-Door Coupes	Station Wagon	Sedan Pickup
			Headlamp (H125)	Highest**	27.9	28.1	28.1	28.7
Tail (H126)	Highest	Lowest	--	--	--	--
		Lowest	24.5	24.4	17.3	16.4
	Sidemarkers	Front	24.0	24.0	24.2	24.7
		Rear	20.3	20.2	20.4	19.6
Distance from C/L of car to center of bulb	Headlamp	Inside	--	--	--	--
		Outside**	28.5	28.5	28.5	28.5
	Tail	Inside	21.3	21.3	21.3	24.5
		Outside	26.1	26.1	26.1	31.2
	Directional	Front	28.4	28.4	28.4	28.6
		Rear	26.1	26.1	26.1	31.2

*Measured with passenger load and trunk/cargo load specified in Car and Body Dimension section

**If single headlamps are used enter here.

MVMA Specifications Form Passenger Car

Car Line **CHEVELLE**
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Model		Vehicle Weights								SHIPPING WEIGHT ** (Pounds)
		CURB WEIGHT * (Pounds)			% PASS. WEIGHT DISTRIBUTION					
		Front	Rear	Total	Pass. In Front		Pass. In Rear			
Front	Rear				Front	Rear				
MALIBU (a)										
2-Door Coupe	1AC37	1976	1790	3667	46.0	54.0	18.0	82.0	3551	
4-Door Sedan	1AC29	2022	1722	3744	47.3	52.7	19.3	80.7	3628	
MALIBU CLASSIC (a)										
2-Door Coupe	1AD37	2004	1711	3715	46.0	54.0	18.0	82.0	3599	
4-Door Sedan	1AD29	2065	1776	3841	47.3	52.7	19.3	80.7	3725	
STATION WAGONS										
MALIBU (b)										
4-Door, 2-seat	1AC35	2077	2175	4252	47.3	52.7	19.3	80.7	4139	
MALIBU CLASSIC (c)										
4-Door, 2-seat	1AD35	2129	2217	4346	47.3	52.7	19.3	80.7	4233	
PICKUP DELIVERY (a)										
El Camino	1AC80	1992	1760	3752	47.3	52.7			3611	
El Camino Classic	1AD80	2022	1762	3784	47.3	52.7			3643	
(a) With I6-250 C.I. Engine										
(b) With V8-305 C.I. Engine										
(c) With V8-350 C.I. Engine										

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

** Shipping weight definition - Weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline and engine coolant to capacity.

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
	Optional Equipment Weights			
Air Conditioning	+ 75	+ 4	+ 79	With 6 cyl. engine
	+ 86	+ 4	+ 90	With V8 engine
Power Steering	+ 27	+ 1	+ 28	
Power Brakes	+ 10	+ 1	+ 11	
Electric Door Locks	+ 4	+ 3	+ 7	Used with 2-Door Models
	+ 7	+ 8	+ 15	Used with 4-Door Models
Bucket Seat Swivel	+ 4	+ 5	+ 9	
Station Wagon-3rd Seat	- 5	+ 37	+ 32	
Power Windows	+ 6	+ 3	+ 9	2-Door Models
	+ 9	+ 11	+ 20	4-Door Models
	+ 6	+ 3	+ 9	El Camino
Power Seat 6-Way Bench	+ 10	+ 9	+ 19	
Front & Rear Floor Mats	+ 5	+ 4	+ 9	All except El Camino
Front Floor Mats	+ 4	+ 2	+ 6	El Camino
Vinyl Roof Cover	+ 3	+ 5	+ 8	All except Station Wagons
Rear Window Air Defl.	- 1	+ 7	+ 6	
Rear Window Defogger	0	+ 4	+ 4	All except Station Wagons
	- 1	+ 7	+ 6	Station Wagons
Radio AM Push-Button	+ 4	+ 2	+ 6	
Radio AM-FM Push-Button	+ 6	+ 2	+ 8	
Radio AM-FM Stereo	+ 11	+ 4	+ 15	
Radio AM Push-Button & Stereo Tape	+ 15	+ 5	+ 20	
Radio AM-FM Push-Button & Stereo Tape	+ 16	+ 5	+ 21	
Front & Rear Bumper Grds	+ 4	+ 4	+ 8	
Roof Luggage Carrier	0	+ 18	+ 18	Station Wagons
Front Compartment Console	+ 10	+ 5	+ 15	Used with Bucket Seats, V8 & Auto. Trans.
Spec.frt. & rr. suspension	+ 7	+ 16	+ 23	All except Station Wagons
	+ 7	+ 12	+ 19	Station Wagons
305 Cu. In. LG3	+ 94	+ 5	+ 99	Sedans & Coupes 1AC & 1AD29, 37
	+ 90	+ 0	+ 90	El Camino 1AC & 1AD80
350 Cu. In. LM1	+ 112	+ 9	+ 121	Sedans & Coupes 1AC & 1AD29, 37
	+ 21	+ 2	+ 23	Station Wagons
	+ 107	+ 1	+ 108	El Camino
Turbo Hydra-matic Trans.	+ 21	+ 6	+ 27	Used w/L6 eng. all exc. wag.
Turbo Hydra-matic Trans.	+ 22	+ 8	+ 30	Used w/V8-LG3/ LM1 exc. S. W. & 1AD29

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (●) _____

Body Type

Vehicle Fiducial Marks

Fiducial Mark
Number *

Define Coordinate Location

- | | | | |
|-------|---|---|--|
| Front | X | - | Fiducial Mark to Centerline of Car - Front
Width measurement made front centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt. |
| | Y | - | Fiducial Mark to Vertical Body Zero Line - Front,
Measured horizontally from the body zero line to the front fiducial mark located on top of the front seat adjuster mounting bolt. |
| | Z | - | Fiducial Mark to Horizontal Body Zero Line - Front,
Measured vertically from body zero line to the front fiducial mark located on top of the front seat adjuster mounting bolt. |
| Rear | X | - | Fiducial Mark to Centerline of Car - Rear,
Width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar. |
| | Y | - | Fiducial Mark to Vertical Body Zero Line - Rear,
Measured horizontally from body zero line to the rear fiducial mark located on rear underbody crossbar. |
| | Z | - | Fiducial Mark to Horizontal Body Zero line - Rear,
Measured vertically from body zero line to the rear fiducial mark located on the rear underbody crossbar. |

Fiducial
Mark
Number

Coordinate Location of
Fiducial Mark

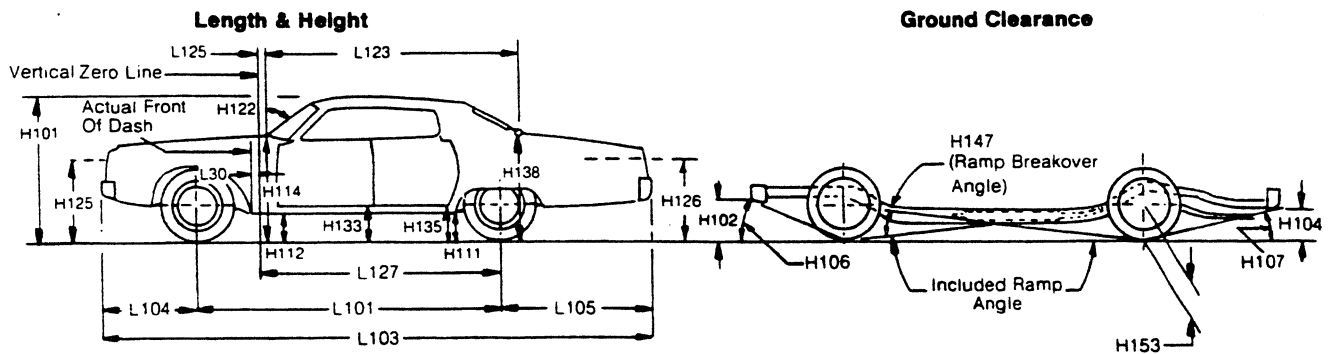
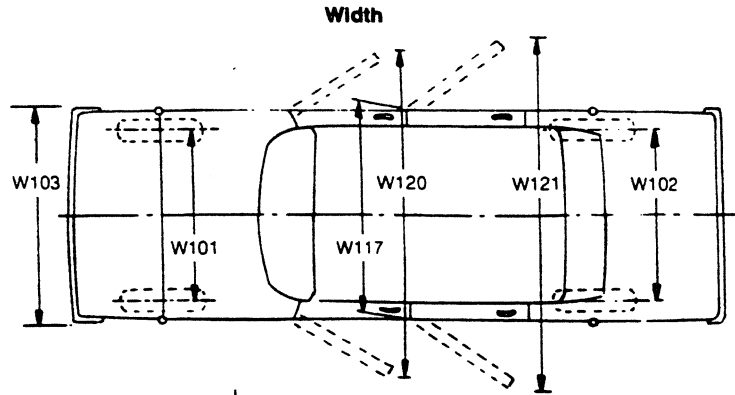
Fiducial Mark
to Ground
at Curb

	X	Y	Z		
Front	22.72	28.48	4.83	Coupes	10.7
		28.48	4.83	Sedans	10.7
	22.72	28.50	4.83	Station Wagons	11.5
		28.50	4.83	El Camino	11.5
Rear	12.70	130.54	9.50	Coupes	14.8
		134.54	9.50	Sedans	14.9
	18.50	146.00	12.30	Station Wagons	19.3
		142.00	11.77	El Camino	17.9

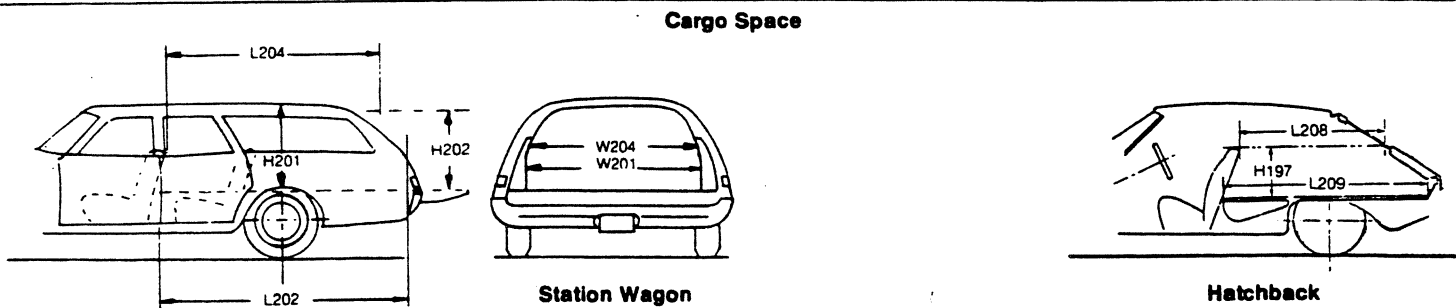
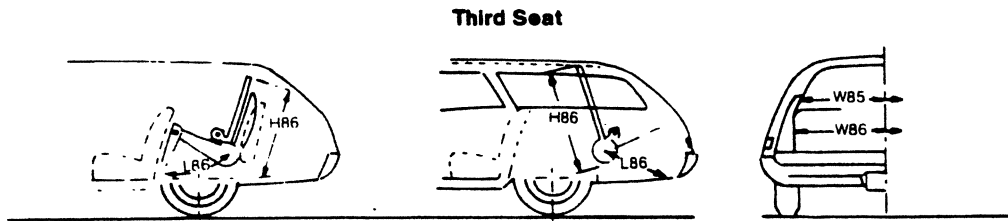
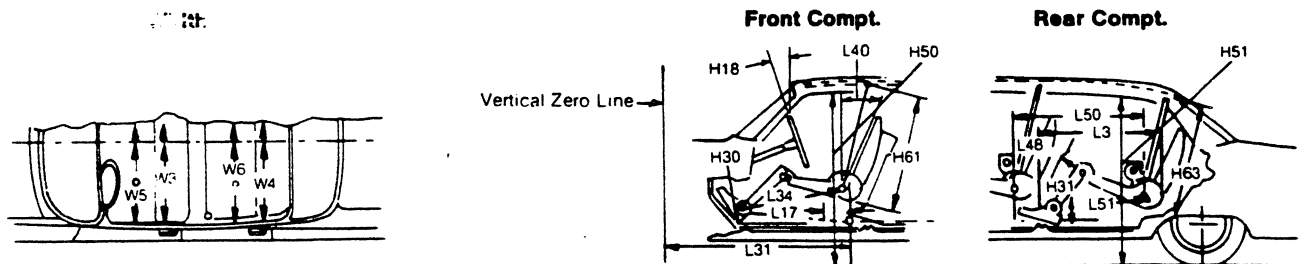
* Reference — SAE Recommended Practice, J182

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



MVMA Specifications Form

Passenger Car

Exterior Car And Body Dimensions — Key Sheet

Dimension Definitions

Width Dimensions

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

Length Dimensions

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

Height Dimensions

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

- H112 ROCKER PANEL TO GROUND — FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED — FRONT is the same point on the door as H132 dimension, with door closed.
- H111 ROCKER PANEL TO GROUND — REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED — REAR is measured in same manner as H133.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.
- H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

Ground Clearance Dimensions

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

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Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H75 EFFECTIVE T POINT HEADROOM — FRONT. The arc dimension from the T Point to the headlining plus 30 inches.
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT — FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within the belt line to 10 inches above the H-point—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within 1.0 inches below and 3.0 inches above the H-point height and 3.0 inches fore and aft of the H-point.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- H18 STEERING WHEEL ANGLE — VERTICAL. The angle measured from a vertical to the surface plane of the steering wheel.
- L40 BACK ANGLE — FRONT. The angle measured between a vertical line through the H-Point-Front and the torso line.

Rear Compartment Dimensions

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM — REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H76 EFFECTIVE T POINT HEADROOM — REAR. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — REAR. Measured along a diagonal line from the ankle pivot center to the H

Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

- H31 H POINT TO HEEL POINT — REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 KNEE CLEARANCE. The minimum dimension measured from the knee pivot center to the back of front seatback minus 2.0 inches.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the H-point—second within 10.0-16.0 inches above the H-point—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

Luggage Compartment Dimensions

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

Station Wagon — Third Seat Dimensions

- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W4.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM — THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.
- H89 EFFECTIVE T POINT HEADROOM — THIRD SEAT. Measured in the same manner as H75.

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Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Station Wagon — Cargo Space Dimensions

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

$$\frac{W4 \times L204 \times H201}{1728}$$

Hatch Back — Cargo Space Dimensions

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

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

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728}$$

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