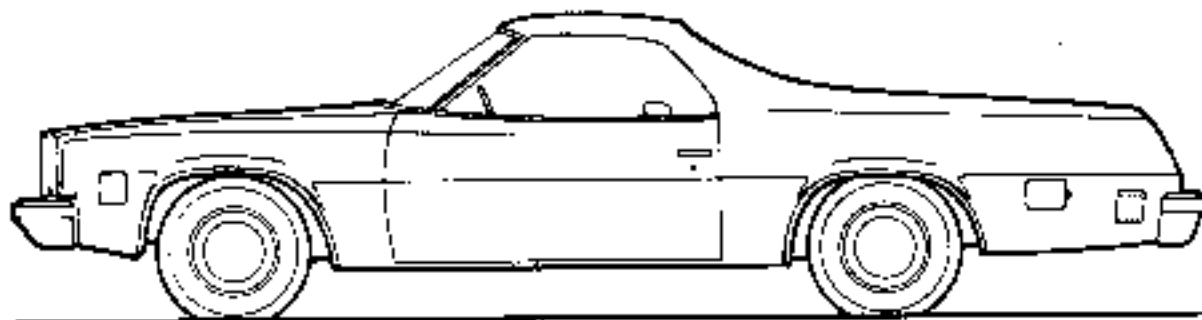


EL CAMINO**EL CAMINO MODEL SELECTOR**

MODEL NUMBER	
STANDARD	CLASSIC
1AC80	1AD80

EL CAMINO

STANDARD EL CAMINO MODEL

The Standard model includes the following items as standard equipment.

EXTERIOR

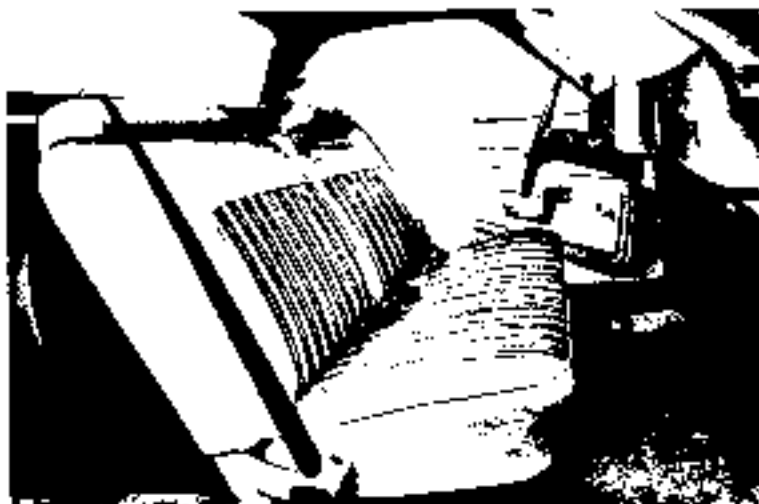
- **Bright Appearance Items:**
 - Chevrolet emblem: On center of grill header panel
 - 'El Camino' nameplates: Sides of front fenders and lower RH side of tailgate
 - Chrome front and rear bumpers
 - Door lock handles
 - Door lock cylinder covers
 - Grille outer edge moldings
 - Headlight bezels
 - Hood 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 metal
- **Horns:** 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



- **Mirrors:** LH chrome fixed arm with 5" rectangular hood
- **Side Floor 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
- **Carpets:** 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-in
- **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:** Matted 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
- **Roof Pilets:** 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 tool 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 Roll point 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, body-side 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
- **Body Wheels:** 15" x 7"
- **Stripes:** Upper body side and tailgate (with "SS" emblem on upper rear of front fenders and on tailgate)
- **Tires:** GR70-15 radial ply white-lettered



INTERIOR

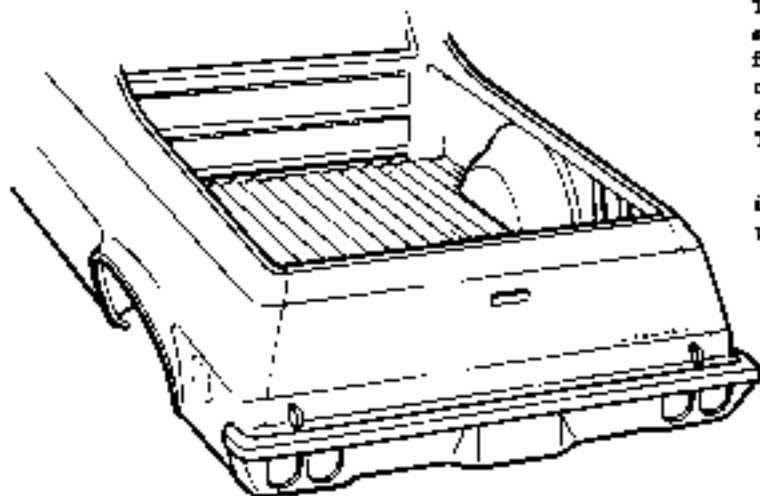
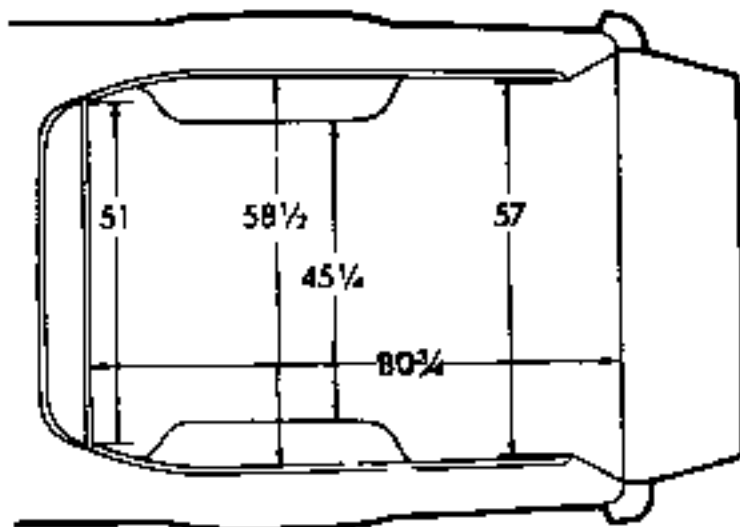
- **"SS" Emblem Nameplate:** On instrument panel

Optional Bucket Seats shown in illustration



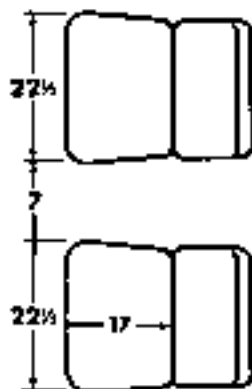
EL CAMINO

DIMENSIONS

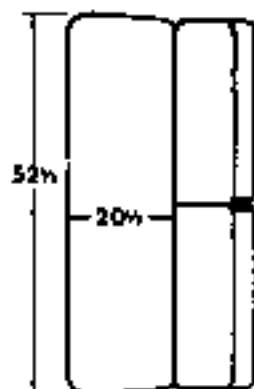


The El Camino pickup box features double-wall construction on the side panels and a ribbed all-steel floor. The tailgate, featuring easy, one-hand operation, also has double-wall construction and forms a continuation of the ribbed floor when lowered. The pickup box has a capacity of 38 cubic feet.

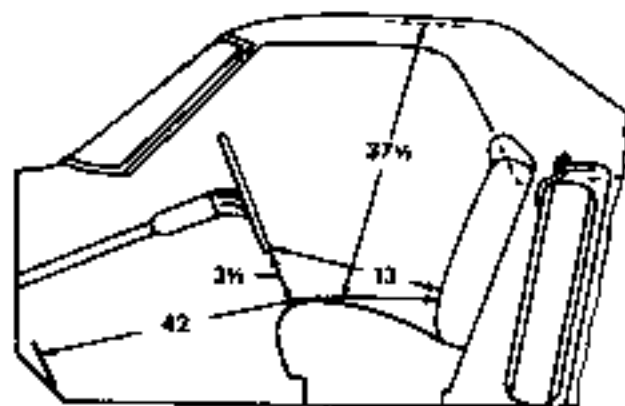
All El Camino models have a bright metal molding at the top of the box and tailgate to prevent paint chipping when loading or unloading.



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, 15, 22, 50, 61, 63 or 78	29, 36, 44, 46 or 72
Blue, Light (Metallic)	DD	11, 22 or 29 only	
Buckskin, Light	UU	13, 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	21, 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	ICB1	JUS1				
	Vinyl Bench	VBR1		VUS1				
El Camino Classic (Without Conquista Option)	Knit Cloth Notchback Bench		PCD5	PUS5	PFF5			
	Vinyl Notchback Bench	VBR5	VDD5	VUS5	VFF5	VWB5	VWD5	VWF5
	Vinyl Bucket	VBR2	VDD2	VUS2	VFF2	VWB2	VWD2	VWF2

EXTERIOR COLORS	COLOR CODE				R	A	R	R	R	R	R	R
	Lower	Upper	Two-Tone									
Black	19	19	—		R	A	R	R	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	A	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	PF55				
	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		
Blue, Light (Metallic)	22	Blue, Dark (Metallic)	29	A	R			A	R		
Buckskin, Light	61	Brown (Metallic)	69	A		R		A			
Green, Medium (Metallic)	44	Blue-Green, Dark (Metallic)	48	A		R		A			R
White, Antique	11	Black	19	R	A	R	R	R			
White, Antique	11	Blue, Light (Metallic)	22	A	R	A		A			
White, Antique	11	Green, Medium (Metallic)	44	A		A		R			R
White, Antique	11	Red, Medium	72	A		R	R	R		R	
White, Antique	11	Orange (Metallic)	78	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

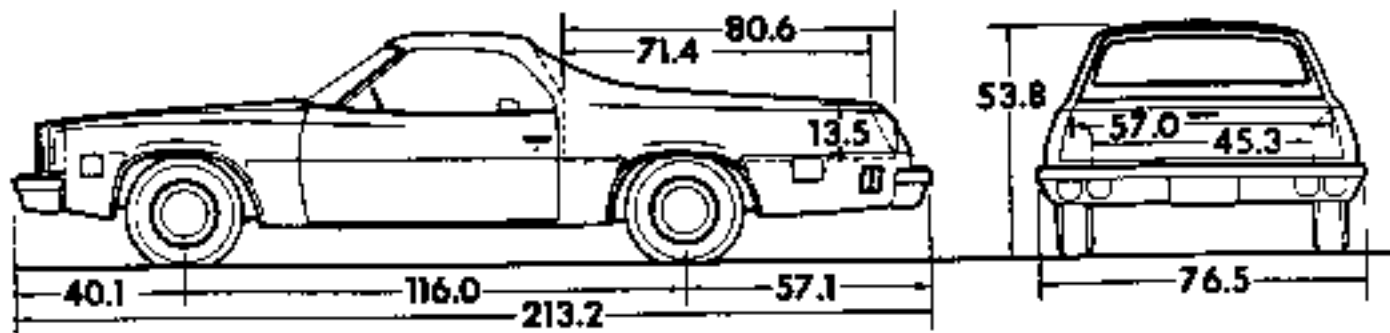
STANDARD SPECIFICATIONS

(See Blue Tab Section for Specification Details)

Engine Bare 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. 1157/1425 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 Dalotron 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	GRTB-15B(4PR)	GRTB-15B(4PR)	Standard

Δ 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

ENGINE	TRANSMISSION	Make and Capacity (lb)	2.98	2.73	3.88 Q52
			■ 250 1-bbl L6-L22 (Standard Engine)	3-Speed Manual (Std)—M15 Turbo Hydro-matic—M40	Chevrolet 2925+	--	X (Std)	X*
● 305 2-bbl V8-LG3	Turbo Hydro-matic (Std)—M40	--	X (Std)	X*	
■ 350 4-bbl V8-LM1	Turbo Hydro-matic—M40	X (Std)	--	--	
		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 @ 3600 rpm	145 @ 3600 rpm	170 @ 3600 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	150 @ 3600 rpm
Net Torque, lb-ft	180 @ 1600 rpm	250 @ 2400 rpm

FRONT SUSPENSIONS

INDEPENDENT FRONT SUSPENSION



P31832



G10-30 Series



El Camion



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 on Ground	MODEL SERIES AVAILABILITY		SPECIFICATIONS		
	Standard	Optional	Deflection Rate	Wire Diameter	Outside Diameter
1200	El Camion	—	365	.668	5.75
1310	G10 (05)	—	675	.721/.742	5.20/5.22
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 (06)	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	.823	5.50
1950	G31803	—	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 Auxillary Air Spring)

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

*Coil springs, although rated similar lbs. each on 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) Mounted on Hi-Cube Van (E34) and Commercial Cutaway Van (2W9) 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

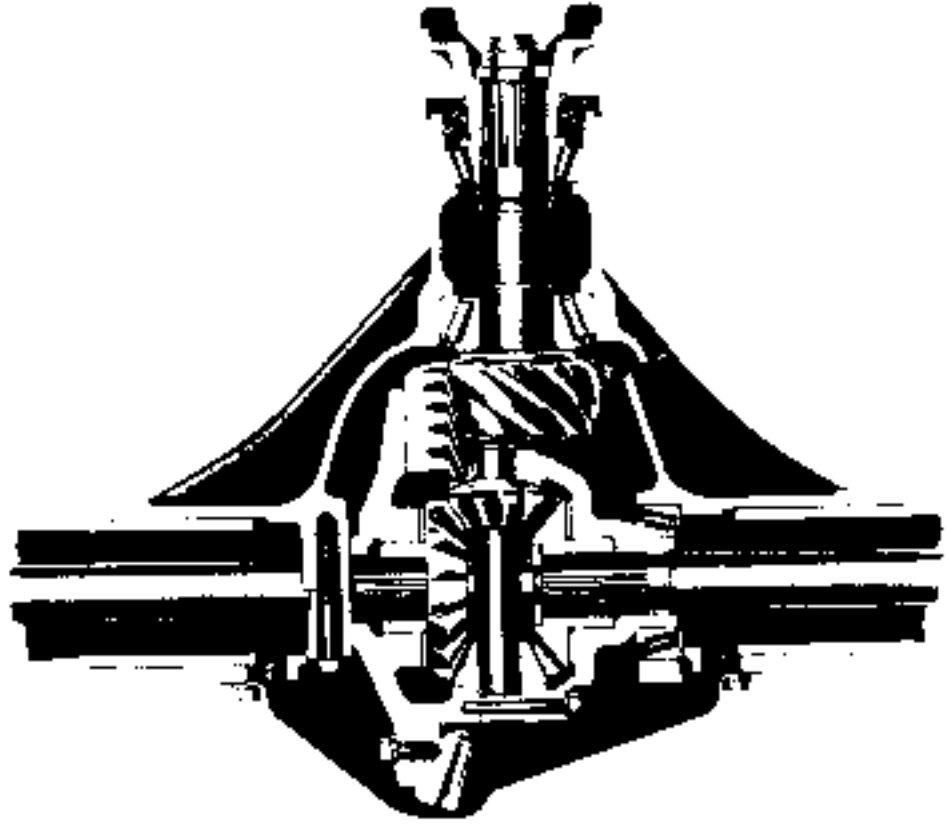


Illustration shows typical El Camino rear axle.

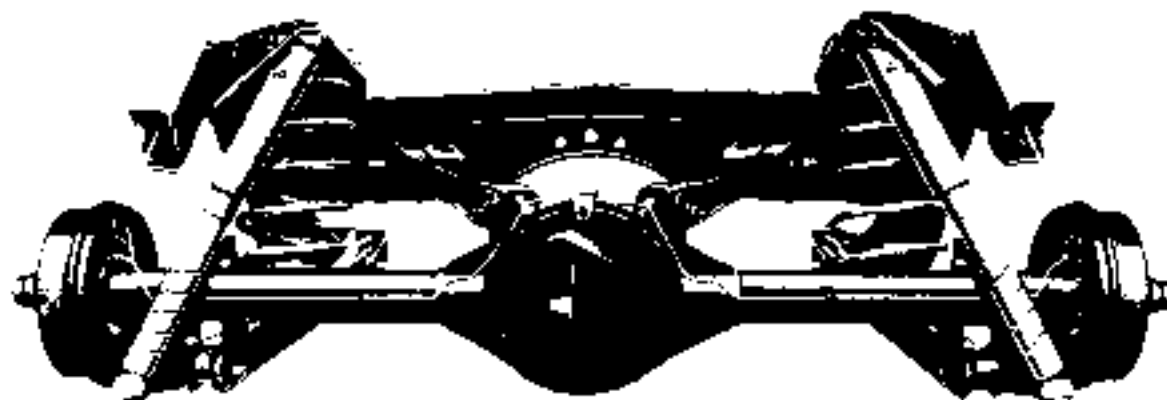
El Camino models offer, as standard, a Salisbury-type rear axle. Hypoid gearing is used for quiet, durable differential operations. Provision is also available with all ratios as an option at extra cost.

Specifications

Capacity	2700 lbs		
Make	Chevrolet		
Pinion & Ring Gears:	Hypoid		
Type			
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-Piece		
Type			
Axle Shaft:	Integral Shaft and Drive Flange		
Type			
Mounting: spring seat			
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 knick-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 to Ground	lbs each on Pad	Standard	Optional	Deflection Rate (lb/in)	Wire Diameter (in)	Outside Diameter (in)
SINGLE STAGE COILS				Single Stage		
1400	330	El Camino	—	115	.549	7.028
1452 1/2	955	—	El Camino	140	.549	7.140

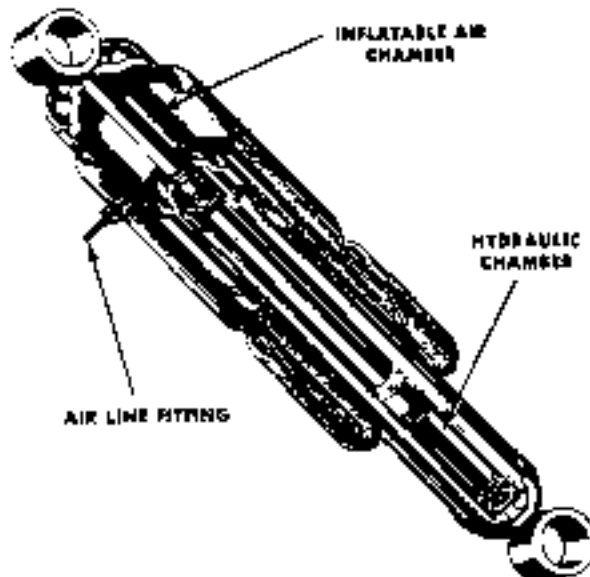
SUSPENSION SHOCK ABSORBERS

SHOCK ABSORBERS

(Hydraulic Direct-Double Acting)

Model Series Availability		Location	Type	Piston Diameter	Piston Travel
Standard	Optional				
El Camino	—	Front	(Direct)	1.00 in.	4.79 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.	5.04 in.
P10	—	Rear		1.00 in.	9.29 in.
C20, P20-30	—	Rear		1.00 in.(1)	9.54 in.(e)
G30	—	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.(f)
G10-30	—	Rear		1.00 in.(2)	8.29 in.(e)
—	C/P10-30	Front		1.38 in.	9.13 in.(g)
—	C/P10	Rear		1.38 in.	9.13 in.(h)
—	C/P20;P30	Rear		1.38 in.	(c)
—	K10-30	Front		32 mm	172.66 mm.
—	K10-30	Rear		32 mm	236.16 mm.(b)
—	G10-30	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 P31B32 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 P30B-311-31432; 5.63 in. for P31B32
 (e) 227.68 mm for G31603
 (f) 9.88 in. for C10
 (g) 5.63 in. for P30B-311-31432
 (h) 274.26 mm for K30
 (i) 132.43 mm for G31603
 (1) P31B32 uses 1 1/4-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. Enclosed 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 access plate. From the air valve, air feed lines of detachable 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 I6
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

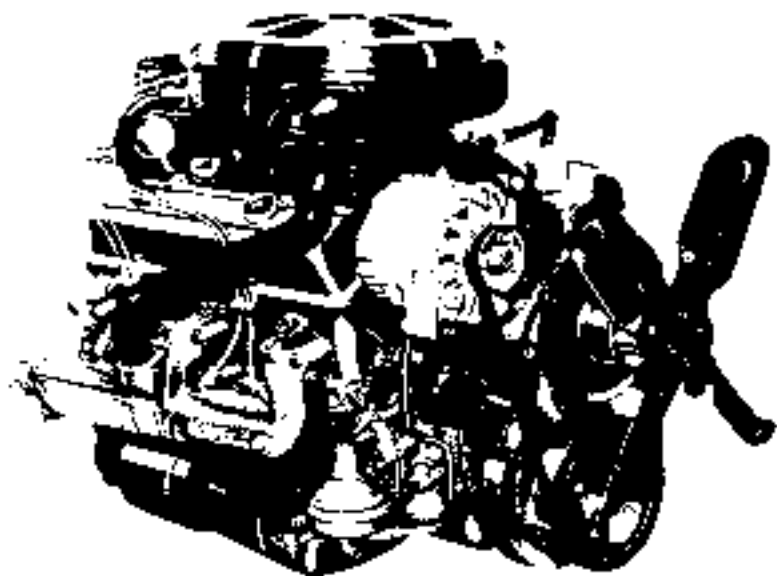
EL CAMINO, LUV PICKUP AUTOMATIC TRANSMISSION

Type	Turbo Hydro-matic	
Applications	LUV 4-cylinder	250-1 I6 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 811

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 29.92" mercury and 85 F dry air.

Engine Ratings

SAE net horsepower (85°F)	145 @ 3600 rpm
SAE net torque, lb-ft (85°F)	245 @ 2400 rpm

TURBO-FIRE 350 4-bbl V8

(Ordering Code LM1)

Applications

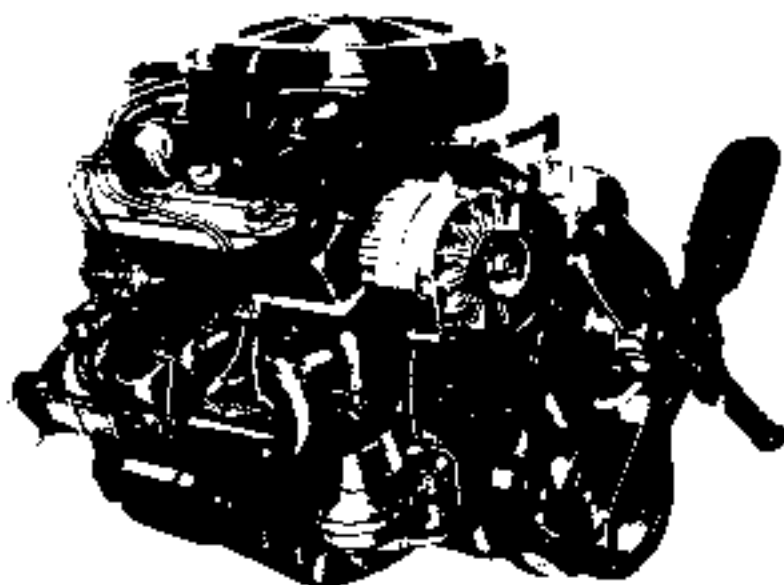
Standard: Buick
Optional: El Camino

Basic Specifications

Engine type	Valve-in-head
Rated 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 29.92" mercury and 85°F dry air.



Typical Engine Shown

Engine Ratings

All States Except California		California Only	
SAE net horsepower (85°F)	165 @ 3800 rpm	SAE net horsepower (85°F)	160 @ 3800 rpm
SAE net torque, lb-ft (85°F)	260 @ 2400 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 (cc/in)	305	350	305	350
Bore & Stroke (in)	4.0 x 3.45			
Compression Ratio	8.5:1			
Firing Order	1-8-4-3-6-5-7-2			
SAE Net Horsepower (hp) @ rpm	145 @ 3800	170 @ 3800	145 @ 3800	165 @ 3800
SAE Net Torque (lb-ft) @ rpm	245 @ 2400	270 @ 2400	245 @ 2400	1250 @ 2400
Air Cleaner	Thermostatically controlled; Oil washed paper element			
Camshaft				
Bearings	Steel-backed babbit			
Intake Valve (excluding ramps)	Opens	28° BTC		
	Closes	72° ABC		
Exhaust Valve (excluding ramps)	Opens	78° BDC		
	Closes	30° ATC		
Intake Duration, w/o Ramp	290°			
Exhaust Duration w/a Ramp	288°			
Carburetor				
Type	2-barrel	4 barrel	2-barrel	4-barrel
Make	Rockwell			
Venturi ID (in)	1.187	1.218	1.187	1.218
Throat 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 alloy 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-babbit or copper lead; Lower—premium aluminum			
Distributor	High Energy Unit, Delco-Remy; centrifugal & vacuum advance			
Fuel Filter				
Carburetor	Pleated filter element			
Fuel Tank	Plastic strainer			
Lubrication System				
Main Bearings	Controlled lube pressure			
Camshaft Bearings	Direct pressure			
Timing Gear	Direct pressure			
Connecting Rods	Centrifugally sprayed			
Valve Mechanism	Direct pressure			
Cylinder Walls	Pressure & gravity			
Piston Pins	Cross sprayed, throw-off from rod bearing			
Oil Capacity (qt)				
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-Taxi		High Torque	
	4396 2-bbl (El Camino)	350 4-bbl (El Camino)	4306 2-bbl Series 10	350 4-bbl Series 10-30
Oil Filter	Throwaway		Throwaway	
Capacity (qt)	56		85	
Oil Pump				
Type	Spur gear; distributor shaft driven			
Capacity (gpm)	4.3 @ 2000 rpm			
Normal Pressure (psi)	40 @ 2000 rpm			
Pistons				
Material	Cast aluminum alloy			
Skirt	Slipper		Closed	
Head	Sump*			
Piston Pins				
Type	Rod struck fit to pin			
Material	Chromium steel			
Piston Rings				
Compression Rings				
Number	2			
Type	Upper—matted; lower—imide bevel			
Material	Cast iron alloy			
Oil Control Ring				
Number	1			
Type	Multi-piece			
Material	Steel			
Thermostat	Bypass; 195°			
Valve Train				
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				
Material	Alloy steel			
Diameter (in.)	1.72	1.94	1.78	1.94 LD, 1.72 HD
Face Coating	None		None on light duty, aluminized on heavy duty	
Seats	Machined in cylinder head			
Exhaust Valves				
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				
Type	Centrifugal			
Capacity (gpm)	21.5 @ 2000 rpm			

*Not available in California

*Chamfered top land on light duty emissions



THE EL CAMINO STORE
 59-60
 64-72
 CHEVROLET PARTS
 949 662 4214

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

Over the years, whenever readers called us seeking parts or restoration help for their Chevy pickups, we referred them directly to Seth Douilton'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

The El Camino Store

Photos by Doug Martin

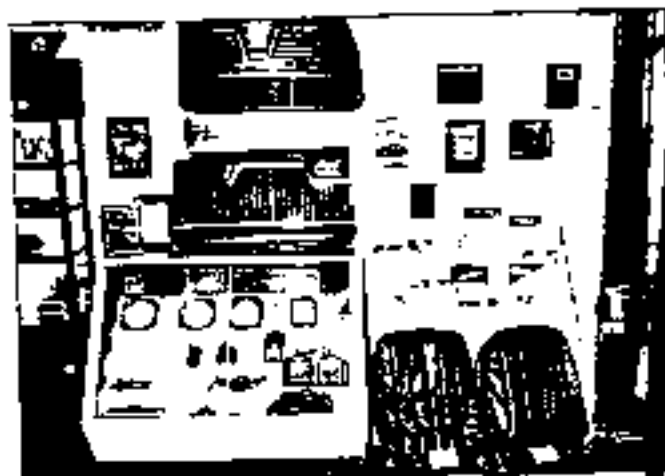
though Hemming's Motor News usually lists several other truck parts firms of national repute.

How good is Golden State? Well, they offer a lifetime warranty on just about everything they sell, and SC has never received a mail-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.

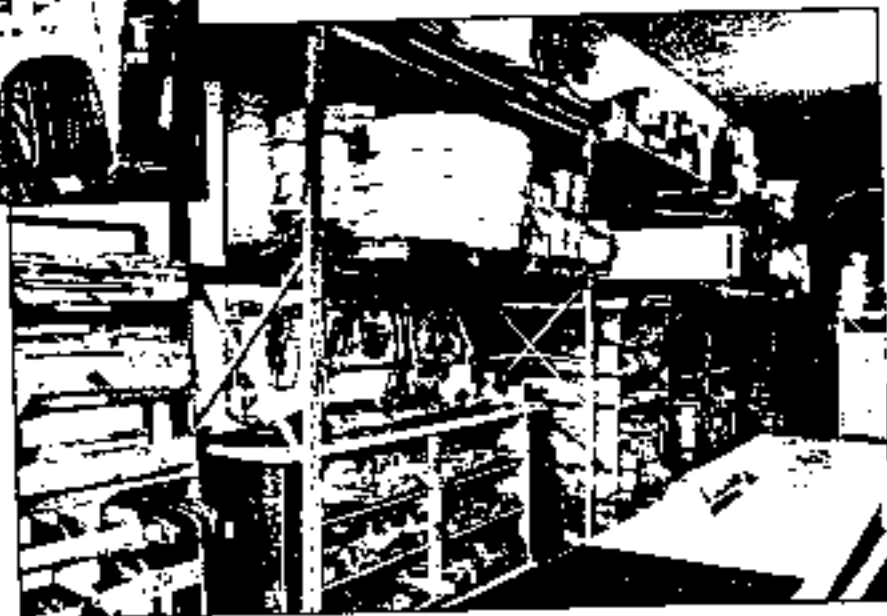
Need rechromed trim and moldings for your 1967-1972 Chevy or GMC pickup or 1959-1972 El Camino?

The El Camino Store, is 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 use 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-right is Seth Douston.

GENERAL

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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

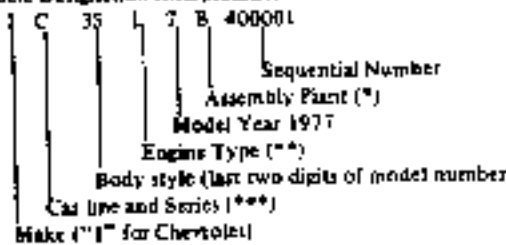
* Third seat available as RPO A94 station wagon.

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



- **B - Baltimore-GMAD R - Arlington-GMAD
- D - Doraville-GMAD Z - Fremont-GMAD
- Canadian Plant
- No. 2 Oshawa
- **D - L6-250 (110 H.P.) 1 - V8-350 (170 H.P.)
- U - V8-305 (145 H.P.)
- ***C - Malibu Models
- D - Malibu Classic Models

EXAMPLE. The twenty-fifth Chevrolet vehicle built at GMAD Baltimore if it were a 1AC35 model (Malibu Station Wagon) with a (V8-350, 170 H.P.) engine would bear VIN Number 1C3517B400025.

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

TRANSMISSION IDENTIFICATION

Example: S7E01

Type	Source	Model Year	Production*
Designation	Designation	1977	Month & Date
ZC	5 (Automatic)	7	E011*
ZC	3-Speed	L-6 engine	S - Muncie
AJ	Turbo Hydra-matic	L-6 engine	D - Parma
AF	Turbo Hydra-matic	V-8 engine	D - Parma
			Y - Toledo

Location:
 3-Speed Stamped on top right hand side of transmission case.
 Turbo Hydra-matic Stamped on right side of transmission, above filler plug.

*-Month: E denotes May. (see below) O1 denotes 1st day
 Alpha Characters used in identifying the calendar Month

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

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

ENGINE IDENTIFICATION

Example: F1210X7D

Source Designation	Production* Month & Date	Type Designation
F (Turbo)	1210	CCD

250 Cubic Inch I-6, Base Engine

- CCD - Regular engine, 3-speed
- CCF - Regular engine, Turbo Hydra-matic (Chevrolet)

305 Cubic Inch V8, (RPO LG3)

- CPY - Regular engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch V-8 (RPO 1M1)

- CXH - Optional engine, Turbo Hydra-matic (Chevrolet)

Location

- 6-cylinder engine Stamped on pad on right side of cylinder block to rear of distributor
- 8-cylinder engine Stamped on pad at front right side of cylinder block

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

REAR AXLE IDENTIFICATION

- CB - 2.56 Axle
- CC - 2.73 Axle
- CF - 3.08 Axle

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

See Power Train Section for additional information.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT

	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 Cowf)	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 Braid 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 - Hender Emblem	X	X
Bright Hood Molding (at Cowd)	X	X
Bright Windshield Reveal Molding	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X
SLIDE		
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-Seat) Locking Over 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
Beige 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 RPC - 203		

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		X
Soft Vinyl Steering Wheel and Stroud w/ Wood Grain Inset 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, 17" 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" Trim Color Instrument Panel Pad	X	X
Clock' Hole Cover Plate	X	X
Trim Color Steering Wheel, Column and Instrument Cluster Black Steering Wheel, Column and Instrument Cluster	X	X
Wood Grain on Instrument Cluster		X
Soft Vinyl Steering Wheel and Shroud with Wood Grain Inset 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" 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, Banded 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 Jambs Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X
Front Door Jambs 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	-
Bud Elm Woodgrain Door Panel Inserts	X	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 Cowd 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)	M30	
Axle, Positraction	G00	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
POWER ASSISTED		
Brakes, Power (Standard on all models with V-8 engines)	150	
Liftgate Lock Release, Electric	AU6	
Lock, Electric Door	AU3	
Steering, Hydraulic (Base V-8 engine, optional 10-throw gear)	N41	
Window Control, Electric	A31	
Front Seat, Electric Controls (incl. APT)	A42	
OTHER OPTIONS		
Air Conditioning, Four-Speed (See page 22 for comment)	D60	
Alarm, Theft		X
Battery Blanket		X
Battery, Heavy Duty	U41	
Bumper Guards		X
Belts, Deluxe Seat & Shoulder Harness (Color-keyed to interior)	AK1	
Bumper Impact Strips Front and Rear	YES	
Console, Front Compartment Filter (Requires bucket seats and auto. trans.)	D55	
Cap, Locking Gas Filler		X
Carrier, Roof Luggage - Wagon	W55	
Clock, Electric	U35	
Compass		X
Cover, Roof Luggage Carrier		X
Container, Underseat Litter		X
Container, Tunnel Litter and Tissue		X
Decor Exterior	Y19	
Deflector, Rear Window Agr. (Wagon)	CS1	
Defogger, Rear Window (Fixed air) (All except El Camino)	CS0	
Dispenser, Tissue		X
Extinguisher, Fire		X
Extinguisher, Fire Refill		X
Floor Mats, Color-Keyed - 2 Front, 2 Rear (except El Camino - 2 Front only)	B3T	
Generator - 61 amp Delcotron	K76	
Gauges, Instrument Panel	UF7	
Guards, Bumper Front and Rear	V30	
Guard, Vinyl Door Edges		X
Guard, Door Edge Stainless Steel (Black, Malibu Classic Estate)	B93	
Glass, Tinted - All Windows	A01	
Glass, Tinted - W/S Only (Front and Rear Windows only)	A02	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Harvest, Trailering Wiring		X
Hitch, Trailering, Equalizing Type		X
Hitch, Trailering - 2000 Lb. Class		X
Heater, Engine Block		X
Highway Emergency Kit		X
Horns, Dual	U06	
Lighting, Auxiliary	Z19	
Courtesy Lights		X
Glove Compartment Light		X
Luggage Comp. 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
Light, Concealer (Integrated with right kick panel)	D24	
Mirror, RH		X
Mirror, LH & RH Sport Outside Rear View Mirror (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 IAG35)	B84	
Molding, Protective Body Side (5 Colors) Vinyl Insert		X
Radiator, Heavy Duty	V01	
Radio Equipment: Radio, Pushbutton - Includes Concealed W/S Antenna.		
AM Radio	U63	X
AM/FM Radio	U69	X
AM/FM/Stereo Radio	U59	X
Stereo Tape System with AM Radio	UM1	X
Stereo Tape System with AM/FM/Stereo Radio	UM2	X
Speaker, Rear Seat (Except IAC and IAD80)	U80	X
Radio, Citizens Band		X
Roof Cover, Vinyl (All except Station Wagon)	C09	
Retainer, Seat Belt Buckle		X
Seat Contour Buckle, Special - 90° Swivel (Not available on IAC, IAD29)	ANT	
Seat, Child Safety		X
Seat, Infant Safety		X
Shel 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 (Requires 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 Suspensions (Requires 70 Series radial ply tires)	F41	X
Weather, Interior Car		
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 Camano	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)	QBU	
FR78-15 Fiberglass Belted, Blackwall (Base on L6 models)	QXM	
FR78-15 Fiberglass Belted, Whitewall (Optional on L6 models)	QXN	

"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, sagate striping and tailgate "SS" emblem, two colors, black or white, keyed to body color
Body color facing 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
GR 70 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 Z19 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 (LAD37)

POWER TRAIN AVAILABILITY

Available with all V-6 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 L.H. and manual R.H.
Wheel covers - Knight (Z17, 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 boxes

FOUR SEASON (RPO C60)

Integral air cooling and heating system. Manually operated by two horizontal levers on instrument control panel, plus a temperature control switch. Upper lever (mode selector control) uses vacuum supply. Lower lever switches to operate mode doors and compressor. Lower lever also uses bowden cable to operate temperature door. Five air outlets (three on each side, 2 lower).

BASIC COMPONENTS

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

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

CHASSIS

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

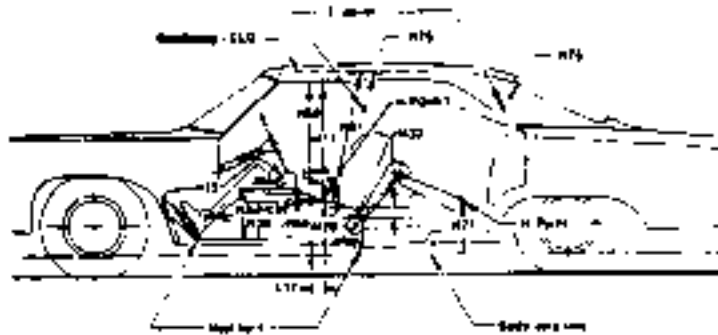
POWER TRAINS

Fan Blade 7 blade
Fan Clutch Thermomodulated Disc coupling
Crankshaft Pulley Single Groove pulley
Water Pump & Fan Pulley Single Groove pulley
Compressor & Crankshaft Belt One Groove pulley
Generator 64 Ampere
- Radiator Heavy duty

DIMENSIONS AND WEIGHTS

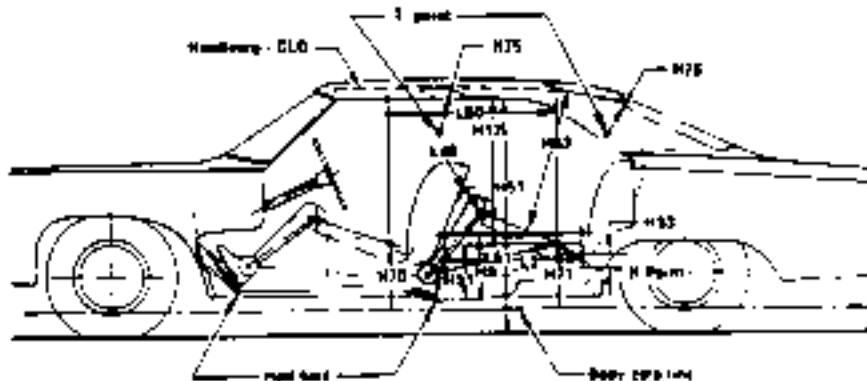
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EXTERIOR DIMENSIONS	4, 5
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OPTIONAL EQUIPMENT	7

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
H-9	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		15.1		
H75	Effective "I" point headroom	38.1	37.4	38.8	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



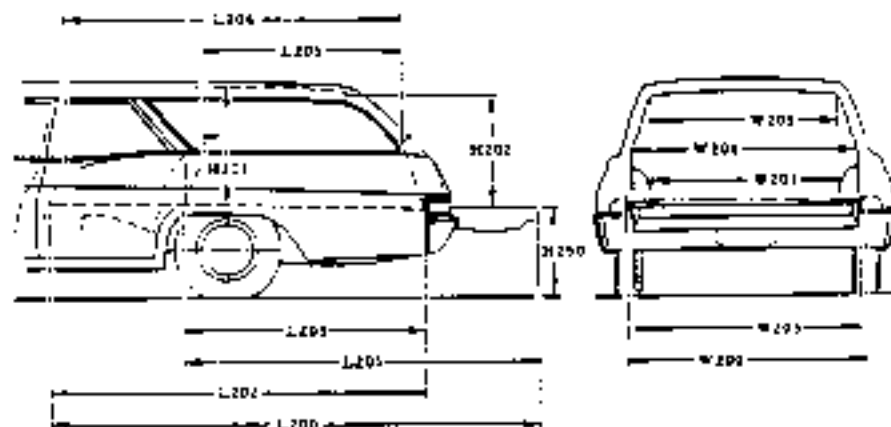
REAR COMPARTMENT

H6	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	11.2	-
H33	Seat cushion deflection	3.6	3.7	4.2	-
H51	Upper body opening to ground	49.0	-	50.6	-
H63	Effective headroom	37.5	36.7	39.2	-
H71	H point to body O line	12.4	11.5	12.7	-
H76	Effective "I" 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	27.1	-
L30	H point couple distance	34.6	31.0	33.1	-
L31	Effective leg room	36.9	32.9	33.5	-

LUGGAGE COMPARTMENT

H195	Liftover height	22.0	21.5	24.2	26.4
V1	Usable luggage capacity (cu.ft.)	14.9	14.5	-	26.2

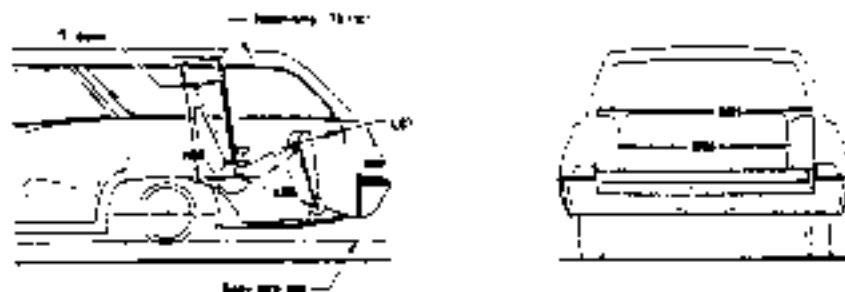
INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
H201	Maximum cargo height	30.1	—
H202	Rear opening height	27.4	—
H200	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

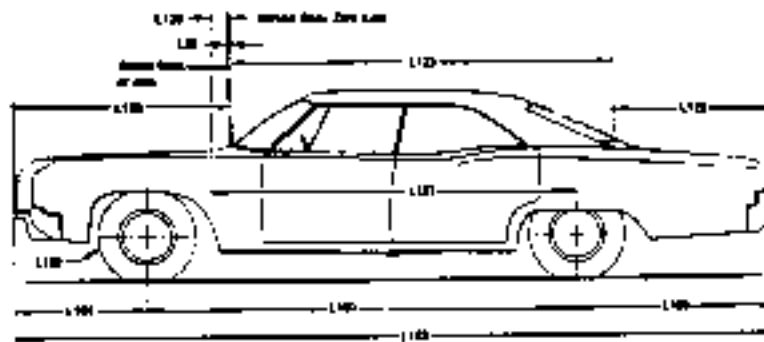
* Calculated storage compartment (cu.ft.) 9.8 cu. ft. 2-seat, 5.8 cu. ft. 3-seat.



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	11.7	—

EXTERIOR DIMENSIONS



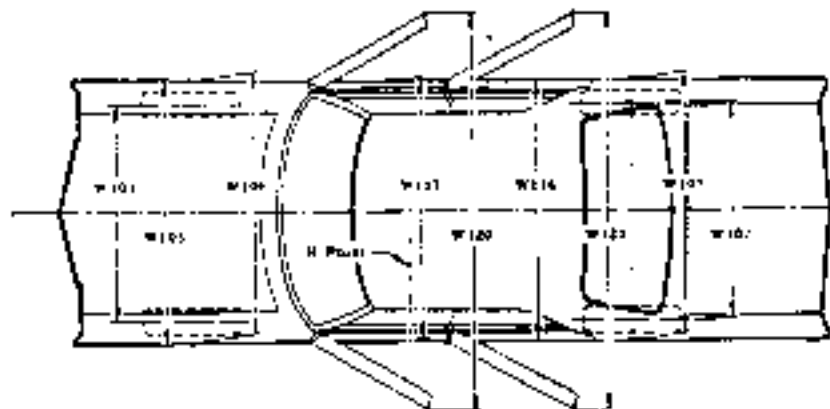
LENGTHS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP	
L101	Wheelbase	116.0	112.0	116.0		
L102	Tire size (standard)	PR 78-15 (a) *		RR 78-15	GR 78-15	
L103	Overall length	209.7	205.7	216.4	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 wheel	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	
L130	Body O line to actual front of dash				-0.5	

(a) Sedans & Coupes, with V8 Engine GR 78-15 Tire

- * With Impact Straps

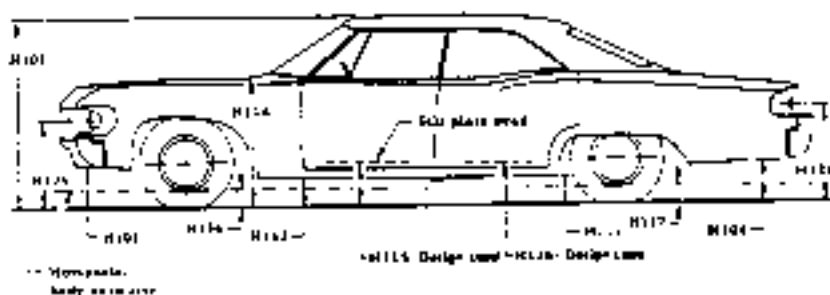
	BASE MODELS			
	4-DOOR	2-DOOR	WAGONS	PICKUP
L103	210.7	206.7	216.4	214.3
L104	40.7	40.7	40.7	40.7
L105	54.0	54.0	59.7	57.6



WIDTHS

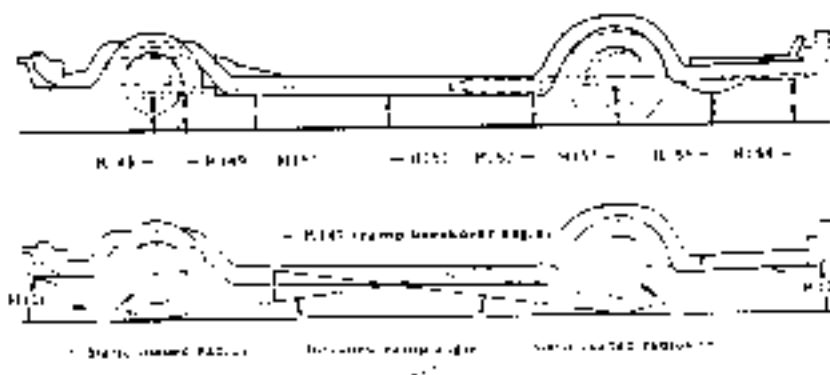
CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
W101	Tread - front	61.5			
W102	Tread - rear	60.7			
W103	Maximum overall width of car	77.3			
W106	Front fender overall width	77.3			
W107	Rear fender overall width	76.6			
W116	Maximum overall width of body	76.9		76.8	76.9
W117	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)	54.3	53.4	55.8	54.3
H102	Front bumper to ground	12.2	12.3	12.3	15.0
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		19.0	19.6	19.2
H115	Step height - front (design)		12.9		
H116	Step height - rear (design)	12.6	-	13.5	-
H125	Headlamp to ground	27.5	28.0	28.1	28.7
H126	Tail lamp to ground	24.7	24.6	17.4	16.3
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° 34'	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		7.3	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
IAC37	250 Cu.in. L6 (L22)	2-Door Coupe	2011	1540	3551	1976	1790	3667
IAC29	250 Cu.in. L6 (L22)	4-Door Sedan	2044	1584	3628	2022	1727	3749
IAC35	305 Cu.in. V8 (LG3)	4-Door Station Wgn.	2100	2039	4139	2077	2175	4252
IAC40	250 Cu.in. L6 (L22)	2-Door Pickup	2018	1593	3611	1992	1760	3752
IAD37	250 Cu.in. L6 (L22)	2-Door Coupe	2028	1571	3599	2004	1711	3715
IAD29	250 Cu.in. L6 (L22)	4-Door Sedan	2087	1638	3725	2065	1776	3841
IAD35	305 Cu.in. V8 (LMI)	4-Door Station Wgn.	2153	2080	4233	2129	2217	4346
IAD40	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	+ 14
		2-Door	+ 8
A42	Power Seat 6-Way Bench	JAD29, 35, 37	+ 22
AN7	Bucket Seat - Swivel	All exc. LAC29, 37	+ 14
AT13	Electric Door Locks	Laid with 2-Door Models	-
		Used with 4-Door Models	+ 14
A04	Station Wagon - 3rd Seat		+ 37
B37	Front and Rear Floor Mats	JAA29, 35, 37	+ 4
B37	Front Fridge Mat	JAAB0	+ 6
CA7	Electric - Sun Roof	LAC33, LAD37	+ 46
CB4	Linear Roof Cover	LAD37	+ 7
CO9	Vinyl Roof Cover	All except Station Wagons	+ 8
C51	Rear Window Air Deflector	Station Wagons	- 6
		With 6 Cyl. Engine	+ 25
C60	Air Conditioning	With V8 Engine	+ 90
		Turbo Hydraulic Transmission	+ 15
D55	Floor Console		+ 11
J50	Power Brakes		+ 28
N41	Power Steering		+ 20
V52	Roof Luggage Carrier	Station Wagons	+ 6
U63	Radio AM Push Button		+ 7
U69	Radio AM/FM Push Button		+ 13
U58	Radio AM/FM Stereo		+ 20
UM1	Radio AM Push Button and Tape		+ 21
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	-
Base	250 Cu. In. L6 Engine	Turbo Hydraulic Transmission	+ 27
L01	305 Cu. In. V8 Engine	LAC & LAD29, 37	+124
		LAAS0 & LAC33	+130
L01	350 Cu. In. V8 Engine	JAC & JAD39, 37	+150
		JAA35	+ 23
		JAA80	+135



BODY

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EXTERIOR-INTERIOR COLORS	4, 5
EXTERIOR COLORS MALIBU AND EL CAMINO TWO-TONE COLOR COMBINATIONS RPO D99	6
EXTERIOR-INTERIOR COLORS EL CAMINO "CONQUISTA" 1AD80 WITH RPO D91	7
BODY CONSTRUCTION AND GLASS AREA	8

EXTERIOR PAINT PROCESS

- 1. RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
- 2. BODY AND SHEET METAL PRIMERS.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
- 3. PRIMER COAT.** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to ensure coating in all seams and enclosed 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.** From 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 infrared oven.
- 6. LACQUER.** coats of acrylic lacquer are sprayed on surfaces of the body and sheet metal to a finish of the required thickness for each.
- 7. INITIAL BAKING.** the paint (for final sanding) the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
- 8. FINAL SANDING.** To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.
- 9. FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.
- 10. UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
- 11. PAINT REPAIR AND PROTECTION.** Many nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "almsh" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection prior to 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 1AG-1AD80	1AD37 W/RPO 203
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	24	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 2P2 will be provided to permit ordering of any interior-exterior color combination.

CLOTH AND VINYL USAGE:

- Y - Rayon 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. Firehorn		White			
		Vinyl	Cloth	Vinyl /Black	Vinyl /Dark Blue	Vinyl /Dark Firehorn	Vinyl /Dark Green
Malibu - 1AC00							
Sport Sedan (29)	(A52) Bench			11Y	02Y	07Y	04Y
Sport Coupe (33)	(A52) Bench						
Station Wagon (35)	(A52) Bench						
El Camino (80)	(A52) Bench						
Malibu Classic - 1AD00							
Sport Sedan (29)	(A65) Bench		71C				
Sport Coupe (33)	(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	Dk. Firehorn	White/Black	White/Dk. Blue	White/Dk. Firehorn	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	-	-	
Firehorn 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 - Raftan vinyl
B - Radcliffe, 722 WC waven sport cloth
N - Wallaby vinyl
C - Windsor, 712 WC knit cloth
H - Rutledge, 76 C/O 612 WC waven 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 Firehorn 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

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

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unistor, with cowl, roof, underbody and body panels welded to form body shell. Front and rear IJs 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 bowed hinges on trunk lid with tension rod. Two hood stop pins mounted on the cowl.
 Hood release In manual: to left of str. col. under insu. 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 steel 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			
	79	1AC & 1AD37	35	80
Windshield	1332.6	1276.6	1332.6	1276.6
Front Door Window	1101.6	1131.1	1181.6	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

Coupe 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 rambling 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-carbon 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
Coupe, Sedan 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) $9.6 \text{ @ } 1^\circ \text{ camber}$

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	Asy. 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	16.22	11.0 @ 1900
334450	KL	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	17.04	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	.738	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	.660	8.29	400	15.90	11.0 @ 1950
6262427	DK	129.40	.686	8.49	400	16.30	11.0 @ 2030
6262428	DL	130.99	.688	8.59	400	16.50	11.0 @ 2110
6262429	DM	132.58	.691	8.69	400	16.70	11.0 @ 2190
6262430	DN	135.73	.697	8.89	400	16.90	11.0 @ 2270
6272855	HE	137.32	.700	8.99	400	16.90	11.0 @ 2350

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Availability

Manual	Standard with L-6 engine
Power	Standard with all V-8 engines Optional with L-6 engine

Wheel

Type	Oval with center
Diameter	15.25
Optional	

Column

Energy absorbing — main ja. shift tube and steering shaft designed to collapse under various front impact conditions

Gear Type

Manual	Recirculating ball out
Power	Integral, recirculating ball out with hydraulic pressure provided from a vane type pump.

Ratio, Gear

Manual	28.0:1
Power	16.0:1 on center to 13.0:1

Ratio, Overall

Manual	32.8:1 on center to 34.7:1
Power	

Except

Station Wagons	17.6:1 on center to 14.3:1
Station Wagons	18.7:1 on center to 16.1:1

Number of wheel turns, lock to lock

Manual	6.64
Power	

Except SL Wagon

Station Wagons	3.30
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Station Wagon

Station Wagons	3.37
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Linkage

Parallelogram, front of wheel; hydraulic damper used on relay rod on 6 cylinder with manual steering

Turning Diameter (feet)

Outside front, wall to wall	
Manual	42.64
Power — Except Station Wagons	43.06
Power — Station Wagons	42.86

Outside front, curb to curb

Manual	39.46
Power — Except Station Wagons	39.89
Power — Station Wagons	39.74

Inside rear, wall to wall

Except Station Wagons	11.44
Station Wagons	11.89

Inside rear, curb to curb

Except Station Wagons	10.73
Station Wagons	11.21

DRIVELINE

Type	Tubular, exposed
Number used	One

Diameter (O.D.)

116" Wheelbase	3.00
112" Wheelbase	2.75

Length (C/L of U joints)

116" Wheelbase	\$7.65
112" Wheelbase	\$9.65

Wall Thickness

	0.065
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Universal Joints

Type	Cross
Number used	Two
Bearings	Pre-pack, anti-friction

WHEELS

Type	Sporn spoke spider
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Size & Offset

Coupees & Sedans	15 x 6 - 0.50
Station Wagons & Pickups	15 x 7 - 0.30

Attachment to Hub

Type	5 hex nuts
Thread size	7/16-20 UNF 2-B

Bolt circle diameter	4.75
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TIRES, S.

COMMENT

Coupees & Station Wagon models	
FR78 x 15L	radial

Static loaded radius	11.97
Loaded rev/mi @ 45 MPH	779

Capacity @ 24 psi	1280
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Coupees and Sedans (with V8 engine models)

GR78 x 15B — Steel belted radial	
Static loaded radius	12.18

Loaded rev/mi @ 45 MPH	763
Capacity @ 24 psi	1380

Pickup Models

GR78 x 15B — Steel belted radial	
Static loaded radius	12.18

Loaded rev/mi @ 45 mph	763
Capacity @ 24 psi	1380

Station Wagon

HR78 x 15B — Steel belted radial	
Static loaded radius	12.42

Loaded rev/mi @ 45 mph	744
Capacity @ 24 psi	1510

TIRES, OPTIONAL EQUIPMENT

Coupees & Sedans	
HR78 x 15B (W/S)	Steel belted radial

HR78 x 15B (W/S)	Steel belted radial
FR78 x 15B (B/W, W/S)	Steel belted radial

Pickups

HR78 x 15B (B/W, W/S)	Steel belted radial
GR70 x 15B (B/W, W/S, W/L)	Steel belted radial

REAR AXLE

Description	Semi-floating axle shafts housing consists of two welded tubes pressed into crosshole 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	8.50
Station Wagons 2.73, 3.08	8.75
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.
Wheel travel (inches)	
Total	
Coupes and Sedans	8.67
Station Wagons and Pickups	8.10
Twelve	
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	14.66	10.0 @ 850
485689	WL	106.1	.627	5.93	175	15.14	10.0 @ 900
485705	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	SL	122.8	.666	7.20	115	17.63	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	QA	114.5	.583	6.75	140	16.43	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	TK	94.7	.570	5.43	140	13.93	10.0 @ 550

General	Type	Coupe, Sedan & 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.)	58.76		
	Effective area (sq. in.)	36.80		
Sweep area (sq. in.)	210.4			
Piston diameter	2.94			
Rear Brake	Type	Pinned 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 0.31	
		Secondary	11.12 x 2.0 x 0.30	
	Lining area (sq. in.)	67.04		
	Effective area (sq. in.)	63.74		
Sweep 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-6 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	1
Courtesy - instrument panel	2-431	6
Directional signal indicators	2-168	3
Dome	1-211	12
Generator indicator	1-168	3
Glove compartment	1-1891	2
Headlamp	1AC	High beam 60W Low beam 50W
	Lower	High beam 50W Low beam 60W
	1AD	High beam 40W
	Upper	
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	3
	Turn	32
Radio dial RPO U63 and/or U69	1-1893	2
Radio dial and indicator	1-216 (dial)	1-dial
	1-66 (indicator)	1-indicator
Radio dial and indicator	1-564 (dial)	2-dial
	1-66 (indicator)	1-indicator
Rear comp. 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	1
Tail	4-1157 Coupes & Sedan	
	4-1157 Station Wagons	3
	2-1157 Pickups	32
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
Automatic transmission lamp	25 amp fuse	Fuse panel (h)
Back-up lamps	4 amp fuse	Fuse panel (f)
Brake indicator lamp	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 (c)
End rate star (SW)	10 amp fuse	Fuse panel (c)
Fuel gauge	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 (c)
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 (e)
Power seats	30 amp CB	Firewall
Power windows	30 amp CB	Firewall
Radio	10 amp fuse	Fuse panel (j)
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)
Steering 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 wiper map	10 amp fuse	Fuse panel (c)
Windshield wiper 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

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 I-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	Station Wagons	2.73:1	3.08:1	3.08:1	
305 Cubic Inch V-8 (5.0 litre) - (L33) 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) - (L31) 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

- * Performance axles available optionally; some 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. I-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. I-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 (IAC35 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. V-8 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	330S	V8-350
Availability		Standard	3	LM1
Bore (nominal)		3.875		4.00
Stroke (nominal)		3.53		3.48
Compression Ratio		8.3:1		9.5:1
Taxable (SAE) Horsepower		36.0	44.1	51.2
Firing Order		1-5-3-6-2-4	1-6-4-3-6-5-7-2	
Idling Speed	3-Speed (in neutral)	850		
	Turbo Hydra-matic (in drive)	850	600	
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		130	160	
Power Plant Mountings	Front	Two-preloaded captive cushion type one; full shear type		
	Rear			
Measurements	Front 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 manifold)

ADVERTISED ENGINE RATING

Engine Designation		250 L6	330 V8	350 V8
Availability		Std. - L22	3 LG3	RPO LM1
Carburetor		Single Bbl.	2 Bbl.	Four Bbl.
Net Brake HP @ RPM	Federal	110 @ 3800 (a)	141 @ 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 limits above 4100 feet altitude

L-6 250 CU. IN. ENGINE

Model Availability	Malibu & Malibu Classic - Coupes & Sedans		El Camino Pickups	
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		2063.0	
Crankshaft RPM @ 1 MPH	Low	110.2	89.3	108.0
	Second	65.2	53.9	63.9
	Third	35.4	35.4	34.7
	Reverse	114.1	68.8	103.4
Piston Travel (in. mile)	1259.3		1225.6	

V-8 305 CU. IN. (RPO LG3) & V-8 350 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	FR78-15B	
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	33.5
	Reverse	63.2	65.1
Piston Travel (in. 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./mike)		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	30.83	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./mike)		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	$\frac{\text{Power Displacement}}{\text{Performance Wt (tons)}}$

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; 5/16 dia. 13 threads/in.
V8-305, & 350 Cu.In.	34; 1/2 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, underlung, 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

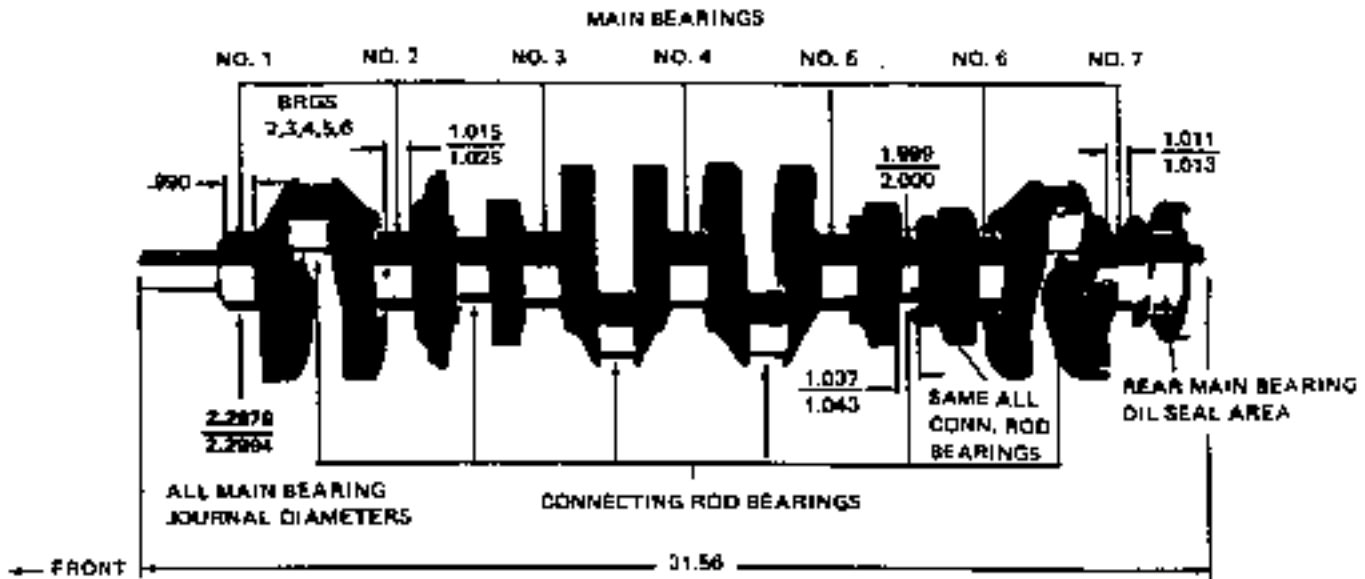
Material	Steel backed insert; copper lead alloy or premium aluminum lining selected for specific engine applications
Type	Precision removable
Thrust Against Bearing No.	L6-No. 7, V8-No. 5
Clearance	
L6-250 Cu.In.	.0003-.0029
V8-305 & 350 Cu.In.	(No. 1) .0008-.0020; (No. 2-3-4) .0014-.0023; (No. 5) .0017-.0033

Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area Sq.In.
L6-250 Cu.In.			
Bearing No. 1-6	2.7999	.752	1.7295
Bearing No. 7	2.7999	.760	1.7479
V8-305 & 350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4506	1.180	2.8919

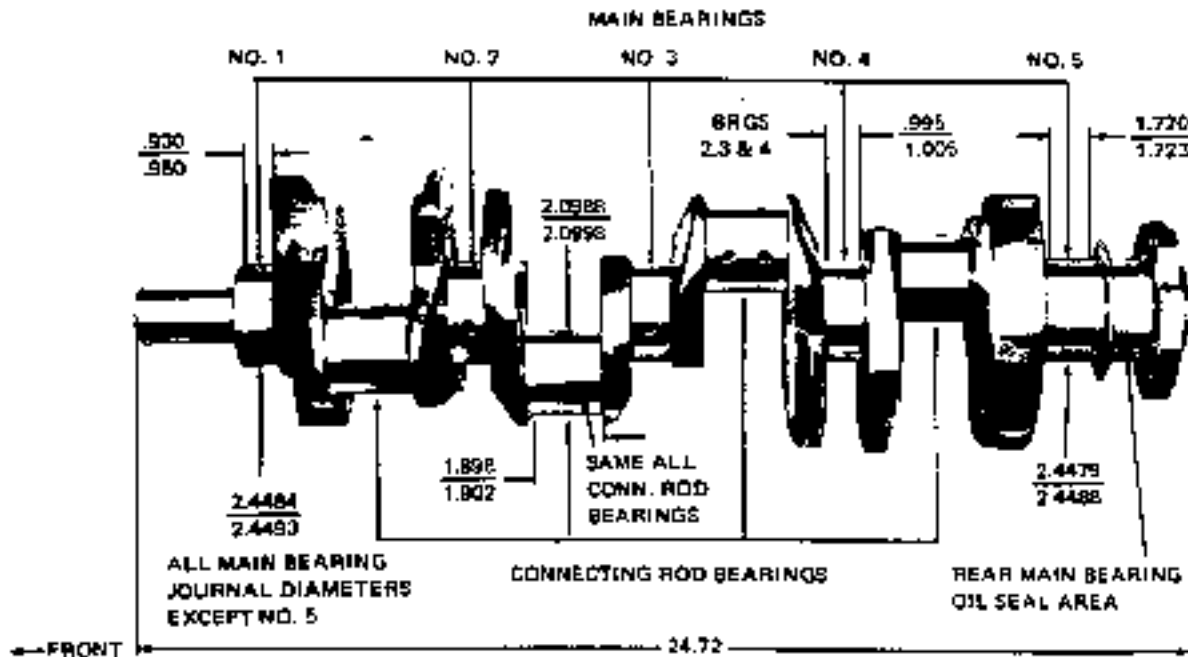
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



V8-305 & 350 CUBIC INCH V-8 ENGINES



CAMSHAFT

Material	Cast alloy iron
Drive	
L6	Gears: aluminum alloy
V8	Sprocket & chain: nylon teeth with aluminum head
Lobe Lift	
L6-250 Cu.In.	.2317 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

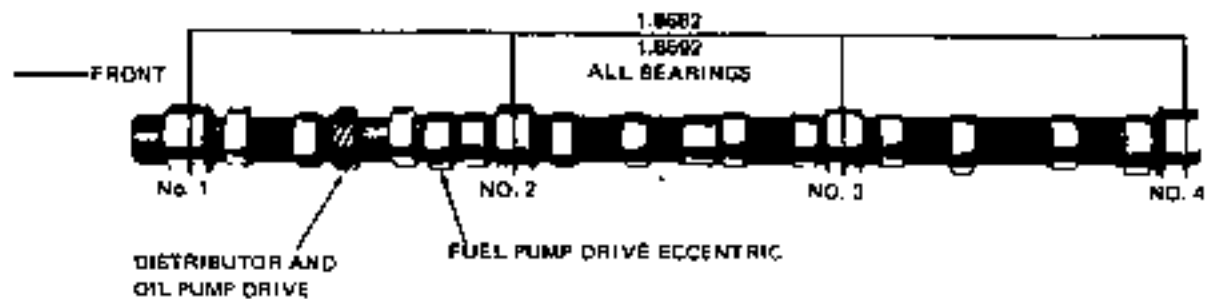
Type	Individually mounted, overhead rocker arms, push rod actuated
Rocker Arms	Stamped steel
Ratio	
L6-250 Cu.In.	1.75:1
V8-305 & 350 Cu.In.	1.50:1
Push Rods	
Type	Hollow steel
Ends	Hardened
Rotators (V8-305 & 350)	Exhaust

VALVE SPRINGS

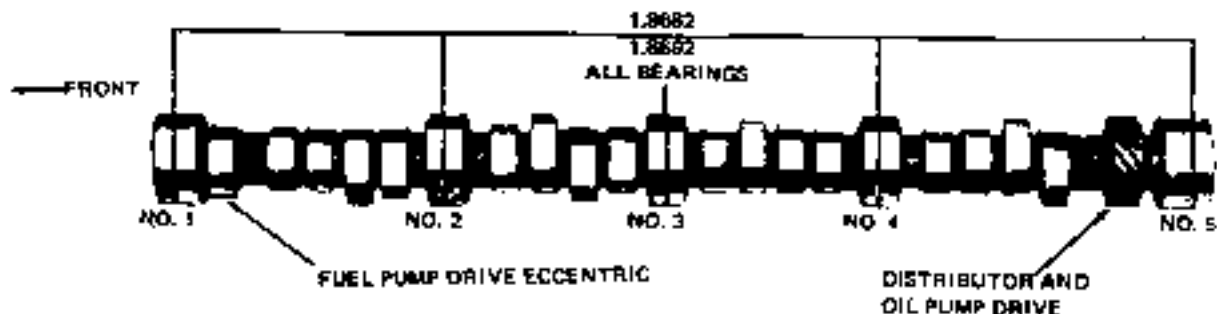
Diagrams	
L6-250 Cu.In.	.872-.888
V8-305 & 350 Cu.In.	.868-.884
Installed Length (In. & in.)	
Valves closed	
L6-250 Cu.In.	78-86 @ 1.66
V8-305 & 350 Cu.In.	
Inlet	76-84 @ 1.70
Exhaust	76-84 @ 1.62
Valves opened	
L6-250 Cu.In.	170-180 @ 1.27
V8-305 & 350 Cu.In.	
Inlet	194-206 @ 1.25
Exhaust	194-206 @ 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.	Fast steel, 4 coils

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



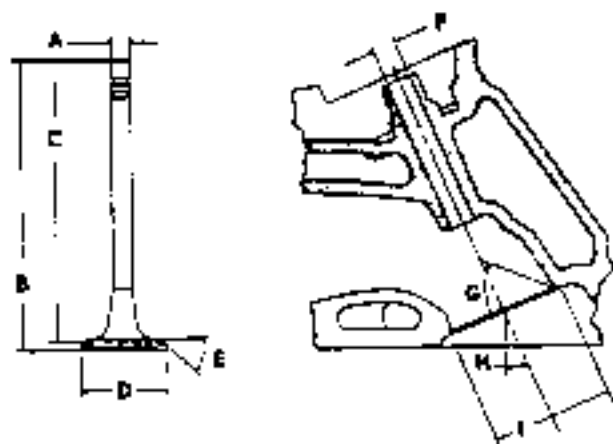
V8-305 & 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

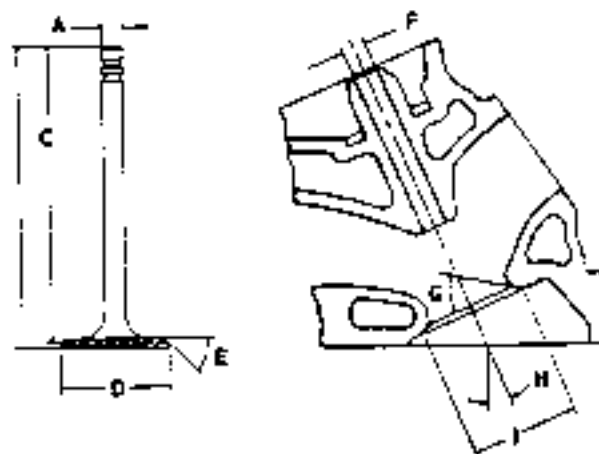
Material	Alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-305 Cu.In.	None
V8-305 Cu.In.	Aluminized face
All Stems	Chrome flash



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 - Gauge 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 (outer) 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.	4.913-4.937
V8-305 Cu.In.	4.910-4.930
V8-350 Cu.In.	4.910-4.930
C - Gauge 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 (outer) Diameter	
L6-250 Cu.In.	1.321-1.327
V8-305 & 350 Cu.In.	1.321-1.327

VALVE LIFT

L6-250 Cu.In.	.3860 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	
Slapper	
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-.2205
Oil Ring Groove Depth	
L6-250 Cu.In.	.2093-.2158
V8-305 Cu.In.	.2103-.2193
V8-350 Cu.In.	.2038-.2107
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 CuIn.	Wear resistant coating molybdenum nitry, graphite impregnated
VB-305 & 350 CuIn.	Chrome flash
Width	
L6-250 CuIn.	.0775-.0780
VB-305 CuIn.	.0775-.0780
VB-305 CuIn.	.0770-.0780
Wall Thickness	
L6-250 CuIn.	.184-.194
VB-305 CuIn.	.167-.177
VB-350 CuIn.	.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 & VB-350
Face	Tapered
Coating	
L6-250 CuIn.	Wear resistant
VB-305 & 350 CuIn.	Wear resistant
Width	
L6-250 CuIn.	.0770-.0780
VB-305 & 350 CuIn.	.0770-.0775
Wall Thickness	
L6-250 CuIn.	.184-.194
VB-305 CuIn.	.167-.177
VB-350 CuIn.	.190-.200
Gap	
L6-250 CuIn.	.010-.020
VB-305 CuIn.	.010-.025
VB-350 CuIn.	.013-.025

OIL CONTROL RINGS

Type	Multi-piece (two rails and 600 spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
L6-250 CuIn.	.1850-.1870
VB-305 CuIn.	.1859-.1874
VB-350 CuIn.	.1850-.1870
Wall Thickness	
L6-250 CuIn.	.152-.158
VB-305 CuIn.	.138-.143
VB-350 CuIn.	.150-.156
Gap	
L6-250 CuIn.	.015-.055
VB-305 CuIn.	.010-.035
VB-350 CuIn.	.015-.055
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
L6-250 CuIn.	5.695-5.705
VB-305 & 350 CuIn.	5.695-5.705

CONNECTING ROD BEARINGS

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

FUEL TANK

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

FUEL FILTERS, DUAL

In Fuel Tank	Mesh screen
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. (LMI)	4-barrel
SAE Flange Type	1.50
Throttle Bore	
L6-250 Cu.In.	1.69
V8-305 Cu.In.	1.69
V8-350 (LMI)	
Primary	1.38
Secondary	2.25
Secondary Throttle Actuation	By leakage 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 (LMI) 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 pipe and converter
V8-305 & 350 Cu.In.	Single with crossover pipe and converter

MUFFLERS

Type Oval, pressure flow
Construction Heads and body formed by rolled lock seam construction

Head

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

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 aluminumized

Length, Body 26.25

Width

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

Height

L6-250 Cu.In.	4.05
V8-305 Cu.In.	4.50
V8-350 Cu.In.	4.50

(*) - California only.

EXHAUST C.

Dimensions (L)	
V8-305 Cu.In.	9 x .040 laminated
V8-350 Cu.In.	9 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, aluminumized
Outer tube . . . . .	.060 sheet steel, aluminumized

TAIL PIPES

Dimensions (O.D.) & Wall Thickness	
L6-250 Cu.In.	2.00 x .071
V8-305 & 350 Cu.In. & Cooper	2.00 x .071
Sp. & Pickup	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 (EM1)
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	***	*	***
EEF - Early Fuel Evaporation	***	*	***
MMC - Monolith Manifold Converter	**	-	-

* - Not available in California.

** - California only.

*** - Available in 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 Filter	
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 40° 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 CuIn.	36-41 PSI @ 2000 RPM
V8-305 & 350 CuIn.	32-40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 CuIn.	4.3 @ 2000
V8-305 & 350 CuIn.	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

D

GENERAL

Type Pressure vented thru
coolant recovery system

Capacity with Heater

L6-250 Cu.In. 14.1 qts.
V8-305 & 350 Cu.In. 16.6 qts.

RADIATOR

Makes 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 tubes 55

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 tubes 55

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 (radiates to water pump) 1.75 ID
Inlet, upper (thermostat bag, 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
Width 380

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. @ 90 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 Fitch Diameter	2.42
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
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SPARK PLUGS

Type	
L6-250 Cu.In.	R46TS
V8-305 & 350 Cu.In.	R45TS
Thread Size (mm)	14
Gap	.035 (L6) .045 (V8)
Torque	25 lb. ft.

CABLE	Line core impregnated with electrical conducting material and insulation of rubber with neoprene jacket.
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STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View)	Clockwise
Test Conditions	Engine at operating temp.
No Load Test	
Amps	
L6-250 Cu.In.	45-57
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	166

DISTRIBUTORS	4.1 Litre I6		5.0 Litre V8		5.7 Litre V8	
	L33		L63		L61	
Model	111067*	111068*	110323	110324	110326	110328*
Type	High Energy Ignition					
Centrifugal advance begins @ RPM	0° @ 1000	0° @ 1000	0° @ 1200	0° @ 1200	0° @ 1200	0° @ 1200
Maximum degrees @ RPM	20° @ 4200	20° @ 4200	20° @ 4200	22° @ 4200	22° @ 4200	22° @ 4200
Vacuum advance begins @ In. Hg.	0° @ 4	0° @ 4	0° @ 4	0° @ 4	0° @ 4	0° @ 4
Max. deg. @ In. Hg.	74° @ 15	15° @ 12	10° @ 8	10° @ 12	10° @ 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	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.	1630-1900		
	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	
		Material	Heat treated HR steel	
	Ring gear	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 foot	Drop forged steel, pivot mounted on ball		
	Pedal mounting	Pendant, from brace on dash		
	Lubrication	Crosset 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	Availability	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	Activates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L 2-3-1	
	Parking Lock	Type	Locking pawl	
	Operation	Applied by selector lever through manual linkage		
Method of cooling	Water			
Flywheel assembly	Steel stamping with welded on tung steel			
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 (psi)	Drive	55	60
		L2	80	87
L3		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 (inches)	11.75		
Planetary Gear Set	Reaction carrier assembly	4 steel casing gears		
	Output carrier assembly	4 steel casing gears		
	Intermediate gear	Circular steel with organic lining		
	Range	D (Direct)	2.52:1 - 1.53:1 - 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		
	Type	Three, multiple disk	Four, multiple disk	
Clutches	Material	Drive plates	Steel with boron-epoxy organic linings	
		Driven plates	1st 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	6		

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

(b) Conditions: 600 RPM input.

1970-76 CHEVROLET PRODUCTION OPTIONS

487	Window — Fr. Quarter Covered	476	H.D. Seat Cushion & Back	890	Molding — Side Window Area
488	Window — Fr. Qtr. Panel Style	485	Shoulder harness — Deluxe Fr.	891	Molding — Door Edge
490	Seat Adjuster — 6 Way Power Bucket	490	Lock Release — Fr. Comp.	894	Emblem — Body "GT"
493	Glass — Hinged Roof Window	499	Ind. Remote Control Elec. Glove Box Lock	895	Accessories — Pillar
497	Window — Fr. Qtr. Tearout Lens Louvers	884	Map Pocket	896	Molding — Wheel Opening
498	Glass — Roof Panel	888	Interior Ornament — Door Trim Molding	897	Emblem
421	Seat Adjuster — 6 Way Power Driver (50-40)	891	Interior Ornamentation — Wood Grain	898	Foot — Steel Sliding Bar Electric
422	Seat Adjuster — 6 Way Power Pass. (50-40)	895	Interior Ornament — Load Comp. Carpet	894	Vinyl Padded Roof (Integral Pad) — Rear
427	Seat Adjuster — 6 Way Power Driver (50-50)	892	Carpet — Floor Covering — Deluxe	895	Vinyl Padded Roof (W/ 1/2" Pad) — Full
AK1	Belts — Deluxe	893	Floor Mat — Heavy Duty	897	Vinyl Padded Roof (Integral Pad) — Front
AK6	Seat Asm. — Fr. Seat Seat 150-40 W/Center Arm Rest	909	Covering — Floor — Rubber	891	Accessories — Removable Roof Mount
AK7	Folding Rear Seat Asm.	951	Sound Sound Group	892	HPS Washer Jar Fluid Level Monitor
AK5	Seat Asm. — Pass. Reclining 40-40	892	Accessories Package	894	Washer & Wiper — Windshield Pulse System
AK6	Seat Asm. — Adjustable, Driver	896	Molding — Body Side Protection	894	Ext. Ornament — Pillar Applique
AK7	Seat Asm. — Bucket, Sea-Type Swivel	897	Ext. Ornament — Front End Panel	895	Ext. Ornament — Front End Panel
AK4	Seat Asm. — 5/8" Wdg. 1/2" Seat	897	Ext. Ornament — Front End Panel	895	Ext. Ornament — Front End Panel
AK9	Seat Asm. — Bucket, Pass. Reclining	893	Exterior Ornamentation — Wood Grain Side Panel	894	Vinyl Padded Roof (w/ 1/2" Pad) — Rear
AK5	Seat Asm. — Bucket, European Style	895	Ext. Ornament — Mldg. and Applique	899	Vinyl Padded Roof (Integral Pad) — Full
AK8	Seat Asm. — Bucket, European Style	897	Door Edge Guards	898	Black Windshield Wiper and Blade
AK4	Rear Seat Deluxe Shoulder Harness	898	Molding — Used W/Two Tone Paint	894	Accessories — Access Periodic
AK6	Recliner Seat — RH Manual	899	Trimment — Front End Panel	841	Washer & Defroster — Deluxe Air
AK7	Seat Asm. — Adjustable, 150-500 Pass. Reclining	891	Ext. Ornament — Body Emblem	844	Washer — Hi-Flow
AK1	Key — Single Car	892	Police Body Emblems	849	Defogger — Rear Window, Electric
AK3	Lock — Side Door, Electric	894	Int. Ornament — Ind. Power Monogram	850	Defogger — Rear Window
AK4	Lock — Side Door, Electric Automatic	890	Lock — Power Tail Gate	851	Defogger — Station Wagon Air
AK5	Lock — Seat Back & Side Door, Electric	891	Lock — Estate Emblems	854	Heated Fr. Window Defogger
AK6	Lock Release — Tail Gate, Remote Control Electric	892	Special Body — Taxi Cab	860	Air Conditioner — Manual Control
AK7	Key — Single — For Total Freezer	897	Special Body — Police Car	861	Air Conditioner — Auto. Control
AK3	Cargo Tie Downs	899	H.D. Police Package	865	Air Conditioner — Semi-Auto. Control
AK7	Seat Asm. — Front 150-50	822	Problem — Door	880	Switch — Fr. Door Jump
AK1	Glass — Tinted, All Windows (Tinted Windshield)	826	Hanna — Door Pull Interer	881	Switch — Rear Door Jump
AK2	Glass — Tinted, Windshield (Tinted Upper)	828	Floor Mats — Carpet Insert	887	Lamp — Rear Qtr. Courtesy
AK0	Glass — Rear Qtr. Vent. Sliding Out	830	Floor Mats — Carpet Insert	888	Lamp — Rear Center Courtesy
AK1	Window — Power Operated All Elec. Vent	832	Mat — Front Floor Inrow	890	Lamp — Combination Courtesy & Door Warning
AK3	Seat Belts — Fr., Fr., Cr. Deluxe Type	833	Mat — Rear Floor Inrow	891	Lamp — Front Door
AK1	Fr. Seat Elec. Ch. 6-Way Power Seat	834	H.D. Fr. Floor Mats	893	Lamp — Door — Exterior Lock Pillar or Side Panel
AK2	Seat Adjuster 6-Way Power Single Unit	835	H.D. Rr. Floor Mats	895	Lamp — Door & Reading
AK4	Seat Adjuster	836	Mat — Luggage Compartment	897	Lamp Courtesy — Door Manual Operated
AK6	Elec. 6-Way Seat Adjuster I.L.M. Bucket Seat Only	837	Floor Mats — Front & Rr.	895	Mirror — Remote Control R.H. Console
AK5	Seat Asm. — Front Bucket — Formed	839	Carpet — Load Floor and Decking	896	Mirror — Vign Vanity — Left
AK1	Seat Asm. — Bucket L. & R. Combined	844	Carpet — Load floor Seat Back	897	Mirror — Rear View R.H. Seat Type
AK2	Seat Asm. — Genet.	848	Luggage Comp. Trunk	891	Decals and Stripes
AK5	Seat Back — Fr. Seat Seat	851	Molding — Rocket Panel Wire	894	Trim — Accent Strips
AK6	Seat Back — 2nd Seat Seat	855	Trunk Asm. — Floor Cover	895	Trim — Accent Strips
AK5	Seat Asm. — Heavy Duty — Front	871	Exterior Ornament — Custom Wheel Covering Mldg.	894	Litter Container
		875	Lining — Luggage Comp.	891	Mirror — Inside Flt. Rearview (Non Glass)
		877	Molding — Windshield Bezel	892	Mirror — Remote Control L. Chrome
		879	Exterior Ornamentation — Rr. End	894	Shifter — Water Windy
		880	Molding — Roof Dio	895	Shifter — Remote Control L. Custom
		883	Molding — Rocket Panel		
		884	Molding — Body Side		
		885	Molding — Belt Release		
		886	Molding — Custom Rest Qtr. Lower		
		889	Molding — Back Window Reveal		

1970-76 CHEVROLET PRODUCTION OPTIONS

733	Hydramatic — Front Fender	Y55	Disc — Front & Rr. Bumper Impact	Y19	Exterior Decor Package
741	Wood — Special Street Metal	Y56	Bumper — Rear Step	Y20	Seat — Front Custom
744	Lock — Wood Interior Operated	Y57	Bumper — Front	Y21	Seat — Rear Custom
752	Dimensionalizer — Front	Y58	Protector — Bumper Front	Y25	Seagrass — Floor
753	Molding — Iron Fenders	Y59	Bumper — Rear with Vinyl Insert	Y27	Mooring — Side Window Reveal
758	Surf — Rear Wheel Opening	Y6	Catalyst Emission Level	Y30	Custom Odds and Ends
760	Eastern Case — H.O. Plastic	Y61	License Plate — 2x Mounting Pkg	Y31	Seat — Front — Special Design
763	Headlamps — On Warning System (Buzzer)	Y62	Mounting — Fr. Lic. Plate	Y32	Seat — Rear — Special Design
770	Lamp Group	Y63	Indicator — Mirror Outer Var. 1	Y39	Molding — Side Side Lamer
781	Headlamp Outer Package	Y64	Indicator — Mirror Outer Var. 2	Y40	Heavy Duty Cooling
782	On-Off Control — Headlamp Automatic	Y65	Guards — Fr. & Rr. Bumper (Chromium)	Y51	Molding Group
787	Lamps — Cornering	Y66	Guards — Rear Bumper — (Chromium)	Y52	Fr. & Rr. Bumper Guards
793	Lamp — Tail & Stop Reflex Asst	Y67	Driver — Roof Luggage Lock & Latch — Luggage Compartment	Y55	Accessory Group
		Y68	Trailer Provisions — SAE Class 1 (2000 lbs.)	Y56	Convenience Group
		Y69	Trailer Provisions — SAE Class 2 (3500 lbs.)	Y57	Instrument Cluster — Special Features
UA1	Battery — Heavy Duty	W43	Power Seat — 6 Way (Pass. & Driver)	Y68	SK Package
UB7	Control Ash. — Warning and Trip Indicator	W45	Dual Speakers (Fr. & Rear)	Y69	Low Washer Fluid Level Indicator
UC8	Clock — Electric (Digital)	W46	AM Stereo Radio Tape	Y70	Strips — Metal
UD3	Lamps — Main On/Off Two Support	W47	AM-FM Stereo Radio Tape	Y71	Outside Temp. Indicator
UE7	Clutch — Oil Temp. with Water. Fuel Economy	W48	AM-FM Stereo Radio	Y72	H.O. Engine Cooling
UE8	Switch — Summer Headlamp	W49	Gauges — Instrument Cluster W/Clock	Y74	Moldings — Rear and Wheel Cods
UF1	Lamps Monitor — Clutch	W57	Yield Brak — Rear Vinyl (Pad Attached)	Y79	Appearance Option
UM1	AM Radio & 8 Track Tape Player	W52	Molding Package	Y82	Golden Anniversary
UM2	AM-FM Stereo Radio & 8 Track Tape Player	W54	Convenience Group	Y83	LT Option
UN9	Radio Subscription Equip.	W59	Exhaust Emission Group (Cat)	Y90	Custom Trim
UD5	Dual Horns	W63	Appearance Group	Y92	Lamp Group
UR1	Fuel Economy Vacuum Gauge	W64	Accessory Package	Y96	Firm Ride Option
UR6	Front Dual Speakers	W65	Custom Trim Group	Y97	LT Option
UR9	Speaker — Front	W69	Appearance Group	Y99	Handling Package
UYB	Radio — AM/FM — Digital Clock	W74	Tachometer & Clock		
UY5	Dual Horns	W75	Handling Package	Z22	Olympic Edition Program Coolest
UO9	Horn — Four Note	W77	Leather — Custom	Z11	Custom Interior
U11	Police Car Swoosh	W82	Wood Grain Group	Z12	Custom Exterior
U14	Rifle Gauge — Fuel & Clock	W87	Suspension — Bias Tire	Z13	Interior Decor and Convenience Group
U15	Speed Alert — Trip Indicator	W82	Suspension — Radial Tyres	Z14	Seat Belt, Check Doors, Low Fuel Warning Light
U18	Side Swoosh	W90	Convenience Group	Z15	Exterior Decor
U21	Instrument Panel Gauges	W95	Appearance Group	Z17	Noise Level Control
U25	Lamp — Luggage Compot.	W96	Appearance — Special Equip.	Z18	Special Quiet Wood Air System
U26	Lamp — Engine Compot.	W98	Decor — Stained Wood	Z19	Luxury Interior
U27	Lamp — Inst. Panel Compot	W99	Luxury Appointments Group	ZN5	Color Coded Rally Wheels
U28	Lamp — Ash Tray	W99	Rally Clock & Gauges	ZX5	Appearance Group
U29	Lamp — Inst. Panel Courtesy	W61	Decor — Stained Wood	Z01	"Savage" Model
U30	Instrument Gauges	W62	Luxury Appointments Group	Z02	Exotic Appearance Equipment
U35	Electric Clock	W63	Rally Clock & Gauges	Z03	Leather Equipment
U37	Lighter — Cigarette	W66	400 Sport Deuce	Z06	Luxury Interior Trim
U38	Warning System — Low Coolant	W71	Seat — Custom Front & Rear	ZP5	Appearance Guard Group
U41	Inspector — Low Fuel	Y06	Estate Wood Grain — Veneer	Z02	Operating Convenience Group
U46	Monitor — Exterior Lamp	Y01	Lowering Package	Z09	Fr. Axle Performance Ratio
U57	Player — Tape	Y04	Exterior & Interior Deluxe	Z08	Seat Straps — White
U58	Radio — Stereo AM/Antenna	Y03	"Heavy Chevy" Exterior Decor	Z10	Interior "LT" Package
U63	Radio — Pushbutton Control: AM/Antenna	Y04	Gates & Strips — Bumper	Z15	LT Mode
U69	Radio — AM-FM AM/Antenna	Y08	Black Print Strips	Z23	Paint — Two-Tone Accent Pkg
U75	Antenna — Power	Y15	Seat Aluminum Molding	Z25	Two Tone Accent Package
U76	Antenna — Windshield Embossed			Z21	Style Trim
U80	Speaker — Rear Auxiliary			Z25	"Hot" 356 Package
U83	Speaker — Rear, Dual			Z26	LT
U89	Heavy metal — Car Trailer 15 Vinyl			Z29	LT Option
U90	Wiring harness — Roof Flapper			Z54	Interior Decor/Quiet Sound Group
U94	Light Cable — Trailer 7 Wire			Z50	Wanda Town Coupe
				Z76	Wanda Coupe "S" Package
				Z85	Rally Sport Equipment
				Z91	Catalytic Converter Delition
				Z95	Low Fuel Option

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

<u>Option Number</u>	<u>Description</u>	<u>Option Number</u>	<u>Description</u>
A41	BELTS, DELUXE: Color-Keyed Seat and Shoulder	917	STEERING WHEEL: Comfort-Fit
A43	DOOR LOCK SYSTEM, POWER	941	STEERING, POWER: Variable Ratio
A43	TIE-DOWNS, CARGO BOX	950	WHEEL TRIM: Wheel Covers, Sport
A61	CLASS, SOFT-RAY TINTED: All Windows	951	WHEEL TRIM: Wheel Covers, Full
A71	MOLDINGS: Power	98X	TIRES: 8R70-15/8 Blackwall (Radial)
A82	SEAT, POWER: Six-Way	98F	TIRES: 8R70-15/7 Blackwall (Radial)
X48	MOLDINGS: Front Fender, Body Side and Tailgate	98X	TIRES: 8R70-15/8 White Stripe (Radial)
912	FLOOR COVERING: Mats, Color-Keyed Floor, Front only	98F	TIRES: 8R70-15/7 White Lettered (Radial)
980	MOLDINGS: Foot Drip	98X	TIRES: 8R70-15/7 White Stripe (Radial)
984	MOLDINGS: Body Side	98F	TIRES: 8R70-15/7 Blackwall (Radial)
993	MOLDINGS: Door Edge Guard	98X	TIRES: 8R70-15/7 White Stripe (Radial)
995	MOLDINGS: Wheel Opening	98F	TIRES: 8R70-15/7 White Lettered (Radial)
994	WINDSHIELD WIPER SYSTEM: Intermittent	98X	TIRES: 8R70-15/7 White Stripe (Radial)
999	AIR CONDITIONING: Four-Season	98F	TIRES: 8R70-15/7 Blackwall (Radial)
999	CONTAINER, LITTER	98X	TIRES: 8R70-15/7 White Stripe (Radial)
999	MIRROR: Outside Rearview, LH Remote	98F	BATTERY, HEAVY-DUTY
999	MIRROR: Mirror Vanity	98F	ECONOMINDER GAUGE PACKAGE
999	MIRRORS: Sport, LH Remote and RH Manual Console	98F	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
999	MIRROR: Mirror Vanity, Illuminated	98F	RADIO EQUIPMENT: Stereo Tape System w/AM/PM Stereo Radio
999	MIRRORS: Sport, LH Remote	98F	HORNS, DUAL
999	PAINT, CARGO BOX SIDE	98F	CLOCK: Electric
999	CONOLISTA (Model Option)	98F	RADIO EQUIPMENT: AM/PM Stereo Radio
999	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	98F	RADIO EQUIPMENT: AM Radio
999	SUSPENSION EQUIPMENT: Suspension, Sport	98F	RADIO EQUIPMENT: AM/PM Radio
999	AXLE, REAR: Reinforcement	98F	RADIO EQUIPMENT: Windshield Antenna
999	AXLE, REAR: Performance Ratio	98F	FUMPER EQUIPMENT: Rubber Rug Strips
999	SPEED CONTROL: Throttle-Master	98F	RADIATOR, HEAVY-DUTY
999	GENERATOR: 61-Amp Delcotron	98F	BUMPER EQUIPMENT: Guards, Rubber, Front only
999	ENGINE: 195-7 FBL V6	98F	EMISSION SYSTEMS: California Emission Certification
999	ENGINE: 195-4 FBL V6	98F	EXTERIOR DECOR PACKAGE
999	ENGINE: 197-4 FBL V6	98F	WHEEL TRIM: Wheel Covers, Full
999	ENGINE: 197-4 FBL V6	98F	LIGHTING, AUXILIARY
999	TRANSMISSION: 3-Speed Manual	98F	EXTERIOR/INTERIOR OVERVIEW
999	TRANSMISSION: Turbo hydraulic	98F	SS EQUIPMENT
999	EMISSION SYSTEMS: Standard Emission Equipment	98F	STRIPING: White
999	EMISSION SYSTEMS: High Altitude Emission Equipment	98F	COVER, CARGO BOX TONNEAU: White
		98F	STRIPING: Black
		98F	COVER, CARGO BOX TONNEAU: Black

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 (OP2), as verification that the requested combination is definitely desired.

Roof, Headliner and Rear Trim Color	Black	Blue	Black - Fine skin - thorn	White - White	White	White	White
Instrument Panel Pad and Dash Color	Black	Blue	Black - Fine skin - thorn	Black - Blue	Black - Blue	Black - Blue	Black - Blue

Model: _____ Seat Type: _____

1A2B/D91	K + T Upholstery Bench	None	None	None	None	None	None
	Vinyl Anticback Bench	VBB1	VBB2	VBS5	VBS6	VBS7	VBS8
	Vinyl Bucket	VBB3	VBB4	VBS9	VBS10	VBS11	VBS12

Roof and Center Body	Roof and Lower Body									
Blue, Light (Mat)	Blue, Dark (Mat)	25	A	R						
Buckskin, Light	Orange (Mat)	59	A		R					
Green, Medium (Mat)	Blue-Green, Dark (Mat)	44	A		R					R
White	Blue, Dark (Mat)	39	A	R						
White, Antique	Black	10	R	A	R	R				
White, Antique	Blue, Light (Mat)	22	A	R	A					
White, Antique	Green, Medium (Mat)	43	A		A					R
White, Antique	Red, Medium	72	A		R				R	
White, Antique	Orange (Mat)	78	R		R					

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

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



Secondary Roof and Center Body Color

POWER TEAMS

(Refer to next page for option availability and add'l cautions)

ENGINE	OPT. ON CONDITION	AXLE RATIO		
		2.56	2.73	3.00
C70	w/o N40, YFS or N46	-	Std	Std
	w/240, YFS or N46	-	-	Std
C83	N40	Std	-	-
	N40	-	-	-
C81	w/o N46	Std	-	Std
	w/N46	-	-	Std

EL CAMINO

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

Option Number	Description	Option Number	Description
A41	BELTS, DELUXE: Color-Keyed Seat and Shoulder	Y33	STEERING WHEEL: ComfortFit
A03	DOOR LOCK SYSTEM, POWER	Y41	STEERING, POWER: Variable Ratio
Av3	TIE-DOWNS, CARGO BOX	FR2	WHEEL TRIM: Wheel Covers, Sport
A01	GLASS, SOFT-RAY TINTED: All Windows	FO1	WHEEL TRIM: Wheel Covers, Full
A31	WINDOWS: Power	QRX	TIRES: GRT2-15/H Blackwall (Radial)
A42	SEAT, POWER: Six-Way	QCT	TIRES: GR79-15/G Blackwall (Radial)
BX8	MOLDINGS: Front Fender, Body Side and Tailgate	QCX	TIRES: GRT2-15/B White Stripe (Radial)
B37	FLOOR COVERING: Mats, Color-Keyed Floor, Front only	QCY	TIRES: GR72-15/H White Lettered (Radial)
B80	MOLDINGS: Roof Rails	QDR	TIRES: GR78-15/B White Stripe (Radial)
B84	MOLDINGS: Body Side	QDU	TIRES: HR78-15/B Blackwall (Radial)
B92	MOLDINGS: Door Edge Guard	QEL	TIRES: HR78-15/R White Stripe (Radial)
B96	MOLDINGS: Wheel Opening	UA1	BATTERY, HEAVY-DUTY
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	UF7	ECONOMIZER GAUGE PACKAGE
C60	AIR CONDITIONING: Four-Season	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
C24	CONTAINER, LITTER	JM2	RADIO EQUIPMENT: Stereo Tape System w/AM/AM Stereo Radio
C33	MIRROR: Outside Rearview, LH Remote	U05	HORNS, DUAL
C34	MIRROR: Visor Vanity	U35	CLOCK: Electric
C35	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, Tain Remote	U76	RADIO EQUIPMENT: Windshield Antenna
D73	RAILS, CARGO BOX SIDE	VE5	BUMPER EQUIPMENT: Bumper Rub Strips
D91	CONQUISTA (Model Option)	Y01	RADIATOR, HEAVY-DUTY
F40	SUSPENSION EQUIPMENT: Suspension, Heavy-Duty Front and Rear	Y51	BUMPER EQUIPMENT: Guards, Bumper, Front only
F41	SUSPENSION EQUIPMENT: Suspension, Sport	YF5	EMISSION SYSTEMS: California Emission Certification
G00	AXLE, REAR: Positraction	Y19	EXTERIOR DECOR PACKAGE
G92	AXLE, REAR: Performance Ratio	Z17	WHEEL TRIM: Wheels, Full
K10	SPEED CONTROL: Cruise-Master	Z19	LIGHTING, AUXILIARY
K76	GENERATOR: 51-Amp Delcotron	Y2P2	EXTERIOR/INTERIOR OVERRIDE
L03	ENGINE: 305-2 BBL V8	Z15	SS EQUIPMENT
L41	ENGINE: 350-4 BBL V8	11A	STRIPING: White
L27	ENGINE: 250-1 BBL L6	115	COVER, CARGO BOX TONNEAU: White
M15	TRANSMISSION: 3-Speed Manual	19A	STRIPING: Black
M40	TRANSMISSION: Turbo-hydraulic	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	Buckskin	Fire-Orange	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Saddle	Fire-Orange	Black	Blue	Fire-Orange	Green

Model: _____ Seat Type: _____

IA083/091	Kil-Cliff Hatchback Bench		W05	F05	P05			
	Vinyl Hatchback Bench Vinyl Bucket		V05 V02	F05 F02	P05 P02	W05 W02	F05 F02	V05 V02

Hood and Center Body	Roof and Lower Body	J	B	A	R	R	R	R
Blue, Dark (Met)	22 Silver	13						
Blue, Light (Met)	22 Blue, Dark (Met)	29	A	R			A	R
Buckskin, Light	41 Brown (Met)	59	A		R		A	
Green, Medium (Met)	44 Blue-Green, Dark (Met)	44	A		R		A	R
White, Antique	11 Black	19	B	A	R	R	R	
White, Antique	11 Blue, Light (Met)	22	A	R	A		A	
White, Antique	11 Green, Medium (Met)	44	A		R		A	P
White, Antique	11 Red, Medium	32	A		R	R	R	R
White, Antique	11 Orange (Met)	18	P		R		R	

-Lower (Secondary) U-Upper (Primary)

CONQUISTA TWO-TONE PAINT-091

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 CONFIG	SALE PRICE		
		2.56	2.73	2.90
L22	w/o 4A6, 4F5 or 4A6	-	Std	397
	w/4A6, 4F5 or 4A6	-	-	443
L24	4A6	Std	-	-
	4A6	-	-	-
L24	w/o 4A6	Std	-	392
	w/4A6	-	-	Std

VINYL ROOF SELECTION

Color Code	Code	Exterior Color	Interior Trim
Black	20	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
Blue	21	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
Green	22	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
Orange	23	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
Red	24	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
Silver	25	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00
White	26	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00	Red: 11, 13, 15, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00

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 color variations may be submitted, provided the dealer initials the appropriate order form box (CF23), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Exterior Color, Exterior Trim, Interior Trim) in order to avoid undesirable combinations.

Exterior Color and Body Trim Color	Black	Blue	Light Blue	White	White	White	White	White	White
Instrument Panel Top and Carpet Color	Black	Blue	Saddle	White	White	White	White	White	White

Code	Seat Type	Code	Code	Code
14000	Sport Cloth Bench	14001	14002	14003
	Vinyl Bench	14004	14005	14006

Code	Seat Type	Code	Code	Code	Code	Code	Code	Code	Code
14010	Sport Cloth Hatchback Bench	14011	14012	14013	14014	14015	14016	14017	14018
	Vinyl Hatchback Bench	14019	14020	14021	14022	14023	14024	14025	14026
	Vinyl Bench	14027	14028	14029	14030	14031	14032	14033	14034

Letter or Paint Color	Color Code	1	2	3	4	5	6	7	8	9	0
Black	17	19	-	-	-	-	-	-	-	-	-
Blue, Dark (Met)	27	21	22	-	-	-	-	-	-	-	-
Blue, Light (Met)	29	29	31	-	-	-	-	-	-	-	-
Blue-Gray, Dark (Met)	25	23	24	-	-	-	-	-	-	-	0
Green (Met)	23	25	27	-	-	-	-	-	-	-	-
Orange, Light	21	27	-	-	-	-	-	-	-	-	-
Saddle (Met)	23	23	-	-	-	-	-	-	-	-	-
Orange Band	23	27	-	-	-	-	-	-	-	-	-
Exterior (Met)	23	23	-	-	-	-	-	-	-	-	-
Green, Medium (Met)	23	25	27	-	-	-	-	-	-	-	-
Orange (Met)	21	27	27	-	-	-	-	-	-	-	-
Red, Medium	23	23	27	-	-	-	-	-	-	-	-
Silver	17	19	-	-	-	-	-	-	-	-	-
White, Antique	17	17	-	-	-	-	-	-	-	-	-

Exterior (Upper) Information

POWER TEAMS

Refer to next page for option availability and application:

Exterior Color	Code	Code	Code	Code
14000	w/o 060, YF5 or NAB	-	140	047
	w/YF5 or NAB	-	-	043
14010	w/060	-	140	047
14010	w/060	-	-	043
LG1	N40	140	-	-
	N60	-	-	-
LR1	w/o NAB	140	-	042
	w/NAB	-	-	044

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 896 wheel opening and 895 Without vinyl roof cover. Also includes 880 roof and moldings With vinyl roof cover	YJ8	35.88	34.86	N/A	45.00	45.00
	YJ9	15.50	15.20	N/A	20.00	20.00
Floor Covering: Mats, Color-Keyed Finner, F-6-L only	932	7.90	7.60	N/A	10.00	10.00
Generator, 61-Amp Delcotron: Included with 160 hp conditioning	K76	22.62	22.04	N/A	26.00	26.00
Glass, Soft-Ray Tinted: All windows	AD1	44.48	43.32	N/A	57.00	57.00
Horns, Dual	JD5	4.68	4.56	N/A	6.00	6.00
Lighting, Auxiliary:						
El Camino	ZJ5	25.74	25.09	N/A	33.00	33.00
El Camino Classic	ZJ9	21.84	21.28	N/A	28.00	28.00
Mirrors:						
Outside Rear-view, LH Remote	333	11.70	11.40	N/A	15.00	15.00
Spot, LH Remote and RH Manual, included with 215 SS Equipment	005	24.96	24.32	N/A	32.00	32.00
Spot, Twin Remote						
Without 215 SS Equipment	068	41.34	40.28	N/A	53.00	53.00
With 215 SS Equipment	068	16.36	15.96	N/A	21.00	21.00
Vision Mirror	U34	3.12	3.04	N/A	4.00	4.00
Vision Mirror, Illuminated	064	23.30	22.60	N/A	28.00	28.00
Moldings:						
Body Side	884	31.20	30.40	N/A	40.00	40.00
Door Edge Guard	R23	7.02	6.84	N/A	9.00	9.00
Front Fender, Body Side and Tailgate, included with 281 Conquest	BX8	35.10	34.20	N/A	45.00	45.00
Wing Drop, included with YJ9 Exterior Decor and vinyl roof	880	20.28	19.76	N/A	25.00	25.00
Wheel Opening, included with YJ8 Exterior Decor	896	16.60	15.20	N/A	20.00	20.00
Radiator, Heavy-Duty	W01	22.62	22.04	N/A	28.00	28.00
Radio Equipment:						
AM Radio	J63	56.16	54.72	N/A	72.00	72.00
AM / FM Radio	J68	106.86	104.12	N/A	137.00	137.00
AM / FM Stereo Radio	U58	176.26	171.75	N/A	226.00	226.00
Stereo Tape System with AM Radio	UM1	180.02	156.84	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	13.25	12.52	N/A	17.00	17.00
Rails, Cargo Box Side	Z73	53.04	51.68	N/A	68.00	68.00
Seat, Power: Electric 6-way control	A42	111.54	108.66	N/A	143.00	143.00
Speed Control: Cruise-Master	K30	65.52	63.84	N/A	84.00	84.00
SS Equipment: Includes 035 sport mirrors, 217 15" x 7" rally wheels and QCY GR70-15 B white lettered radial tires	Z15	189.54	184.88	0.80	243.00	243.00
Steering, Power: Variable-Ratio	N41	113.88	110.96	N/A	146.00	146.00
Steering Wheels: Comfort	N33	49.14	47.38	N/A	63.00	63.00
Suspension Equipment:						
Heavy-Duty Front and Rear	F40	3.50	3.30	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)	OCF			NO ADDITIONAL CHARGE		
GR78-15 B Steel Belted Radial Ply White Stripe	QDM	35.10	34.20	N/C	45.00	45.00
HR78-15 B Steel Belted Radial Ply Blackwall	QD11	24.64	23.88	0.90	38.00	38.90
HR78-15 B Steel Belted Radial Ply White Stripe	QEL	67.26	66.12	0.80	87.00	87.90
GR70-15 B Steel Belted Radial Ply Blackwall	Q8X	12.48	12.16	0.80	16.00	16.80
GR70-15 B Steel Belted Radial Ply White Stripe	QCX	47.58	46.35	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	283.00	289.00
Wheel Trim:						
Wheel Covers, Full	P01	27.30	26.60	N/A	35.00	35.00
Wheel Covers, Sport	PE2	53.16	51.55	N/A	61.00	61.00
Wheels, Rally, included with Z15 SS Equipment	ZJ3	50.70	49.40	N/A	65.00	65.00
Windows, Power: Electric	A21	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 fire 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 Suggested Retail Price‡	Destination Charge & Group Number	Total
6-Cylinder Engine									
2-Camino	1ACB0	118"	3438.52	3356.64	14.95	3444.00	3558.85	12.....	.....
2-Camino Classic	1ADB0	118"	3557.57	3465.99	14.85	3479.00	3243.85	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‡
REFER TO TRUCK DATA BOOK FOR OPTION CONTENT						
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Interior Trim:						
V117 Sport Cloth Bench Seat or P115 Kair Cloth Workwear Bench Seat						NO ADDITIONAL CHARGE
V1171 Low Bench Seat or V115 Vinyl Workwear Bench Seat		17.16	16.72		22.00	22.00
V1172 Vinyl Bucket Seats—Swing-Out Type		102.13	99.58		121.00	121.00
Exterior Color:						
Paint:						
Solid						NO ADDITIONAL CHARGE
Two-Tone		37.54	32.88		43.00	43.00
Spot Cover, Vinyl		50.70	49.30		65.00	65.00
Engines: (Refer to Dealer Order Guide for Emission System Requirements)						
250-7 88L V8	L22					NO ADDITIONAL CHARGE
305-7 88L V8	LG3	91.80	91.20		120.00	120.00
350-4 88L V8	JM1	152.80	159.60		219.00	219.00
Air Conditioning: Four-Season includes 476 61 amp generator						
	C60	400.92	390.64		514.00	514.00
Axles, Rear:						
Performance Ratio	G32	10.92	10.64		14.00	14.00
Positraction	G80	42.12	41.04		54.00	54.00
Battery, Heavy-Duty						
	UA1	12.28	12.92		17.00	17.00
Belts, Deluxe: Color-Keyed Seat and Shoulder includes brushed metal buckles (Standard belts and plastic buckles are black). Repeating standard number of belts.						
With bench seat—3 seat and 2 shoulder	AK1	10.92	10.64		14.00	14.00
With bucket seats—2 seat and 2 shoulder	AK1	10.14	9.88		13.00	13.00
Bumper Equipment:						
Bumper Hub Srops—Front and Rear	VE5	26.52	25.64		34.00	34.00
Guards, Bumper—Front only	V31	15.80	15.20		20.00	20.00
Clock: Electric	-35	15.80	15.20		20.00	20.00
Conqulets: Includes BXB front fender, body side and tailgate moldings						
	D91	107.84	104.88		138.00	138.00
Console						
	D55	58.50	57.00		75.00	75.00
Container, Litter: Color Keyed						
	D24	4.88	4.56		6.00	6.00
Cover, Cargo Box Tonnau:						
Black	19K	74.88	72.96		96.00	96.00
White	11K	74.88	72.96		96.00	96.00
Door Lock System, Power: Electric						
	AU3	51.72	50.24		74.00	74.00
Econominder, Gauge Package						
	UP7	36.88	35.72		47.00	47.00
Emission Systems:						
California Emission Certification includes all testing equipment and/or certification necessary for registration in the State of California	YF5	54.60	53.20		70.00	70.00
High Altitude Emission Equipment	NAE	17.18	16.72		22.00	22.00
Standard Emission Equipment	NA2					NO ADDITIONAL CHARGE

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

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

‡ State and local taxes not included

§ 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 CHEVETTE	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Ave. Warren, Michigan 48090	Model Year 1977	Issued: Sept., 1976 Revised (s): 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 refers. 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 1977 Model Year 1977 Issued 9/76 Revised (x)

Car Models

Model Description	Make, Car Line, Series, Body Type (Mfg. & Model Code)	Max. Number of Passengers (Front/Rear)		
		Model Number	Front	Rear
MALIBU				
2-Door Coupe		1AC37	3	3
4-Door Sedan		1AC29	3	3
MALIBU CLASSIC				
2-Door Coupe		1AD37	3	3
4-Door Sedan		1AD29	3	3
STATION WAGONS				
Malibu 4-Door, 2-Seat		1AC35	3	3
Malibu Classic 4-Door, 2-Seat		1AD35	3	3
EL CAMINO				
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 Rev. No. 2/77

Car and Body Dimensions See Key Sheets, Pgs. 20-23

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for 4-Dr. Sedan, 2-Dr. Coupe, 4-Dr. Wagon, Convertible and Sedan Pickup.

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

Width

Tread - Front	W101	61.3			
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	170.7
Max. rear doors open	W121	134.7	--	134.7	--

Length

Body "O" to front of dash	L100	--0.5			
Wheelbase	L101	116.0	112.0	116.0	--
Overall car length	L103	209.7	205.7	215.4	215.3
Overhang - front	L104	40.2			
Overhang - rear	L105	53.5		59.2	57.1
Body upper structure length	L123	101.3	102.0	133.2	58.5
Body "O" line to C ₁ at rear wheel	L127	97.5	93.5	--	97.5
Body "O" line to w/h cowling point	L125	10.3			

Height

Passenger Chair surface (front & rear)	"	2-3			2-From
Trunk/Cargo load (top)	"	0			
Overall height	H101	54.1	53.4	55.8	54.1
Oral height	H114	39.0			39.0
Deck height	H130	38.5	36.4	--	--
Rooster panel height To ground	H112	9.0	9.1	9.7	9.8
From front wheel C/L		--			
Bottom of front door to ground	H133	9.8	9.7	10.5	11.2
Rooster panel height To ground	H111	8.4	8.5	9.5	9.1
From rear wheel C/L		--			
Bottom of rear door to ground	H135	9.1	--	10.4	--
Windshield slope angle	H122	56.3°			

Ground Clearance

Bumper to ground - front	H107	12.2	--	12.3	--
Bumper to ground - rear	H104	11.8	11.7	11.6	12.1
Angle of approach	H106	19.7	19.8	19.4	19.7
Angle of departure	H107	15.49	15.43	13.49	15.63
Ramp breakover angle	H147	14.04	14.60	14.63	14.37
Rear axle differential to ground	H153	6.6	6.6	6.9	6.6
Min. turning clearance (Specify)	H156	5.4 (d)	5.4 (d)	6.1 (d)	6.2 (d)

(d) Catalytic Converter

		With Impact Strips			
		4-Dr.	2-Dr.	Wagons	Pickup
(a)	L103	210.7	206.7	215.4	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 CHEVETTE
Model Year 1977 Issued 9/76 Revised (in) 2/77

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

Body Type

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup
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Front Compartment

SAE Ref. No.	4-Door Sedans	2-Door Coupes	Station Wagons	Sedan Pickup	
H Point to body "D" 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
Min. aft. leg room - accelerator	L34	42.4		42.3	42.4
H Point to knee point	H00	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	28.5°			

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	35.7	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 H&B point	H31	11.0	10.1	11.3	--
Min. knee room	L48	1.4	-1.3	0.0	--
Rear Compartment room	L3	28.7	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
Trunk 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.

NVMA Specifications Form

Passenger Car

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

Car And Body Dimensions See Key Sheets Page 30-33

Body Type

S&S Ref. No.	Station Wagons
--------------	----------------

Station Wagon — Third Seat

Shoulder Room	W65	42.7
Hip room	W66	36.5
Effective leg room	L66	27.8
Effective head room	H66	37.6
Effective T-Point head room	H69	38.8
Seat facing direction		REARWARD

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	80.2
Cargo length at bell - front seat	L204	82.9
Cargo width - Wheelhouse	W201	43.6
Opening width at bell	W204	42.5
Maximum cargo height	H201	30.1
Rear opening height	H202	27.4
Cargo volume index (cu. ft.) $\frac{W6 \times L204 \times H201}{1728}$	V2	85.1*

Hatchback — Cargo Space

*Concealed storage 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.) $\frac{L206 \times L208}{1728} \times W4 \times H197$	V3	Applicable

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Make Year 1977 Issued 9/76 Revised (to) 2/77

Power Teams (Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque converted to 69° F and 29.38 in. Hg atmospheric pressure

SERIES AVAILABILITY #	ENGINE (1)						TRANSMISSION	AXLE RATIO * (Std. (Std) (Indicate A/C (Std)) A(std) B(opt) C(std)											
	Displ cu in.	Cyls.	Comp Ratio	SAE Net @ RPM		Exhaust System*													
				BHP	Torque														
All models except Station wagon Base (a)	250 L6	1-bbl	8.3:1	110 ●	195 ●	S	3-spd. manual (9.11:1 low) (b)	2.73	3.08	--									
	4.1 L22							3800	1600	3-spd. Automatic (optional)	2.73(d)	3.08	3.08(c)						
Sedan, Coupe & Pickup - Opt. All exc. Calif.	305 V8	2-bbl	8.5:1	145 ●	245 ●	S	3-spd. Automatic (optional)	2.56	--	--									
	Station Wagon Base exc. Calif. Model 1AC35							5.0 L63	3800	2100	2.73	--	--						
Sedan, Coupe & Pickup - Opt. All States	350 V8	4-bbl	8.5:1	170 ●	270 ●	S	3-spd. Automatic (optional)	2.56	3.08	3.08									
	Station Wagons Base - All States Model 1AD95 Optional - All States Model 1AC35							5.7 LM2	3800	2100	2.73	3.08	3.08						
<p># - '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.</p> <p>(1) California only</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>ENGINE</th> <th>BHP</th> <th>TORQUE</th> </tr> </thead> <tbody> <tr> <td>250 L6</td> <td>90 @ 3600</td> <td>180 @ 1600</td> </tr> <tr> <td>350 V8</td> <td>160 @ 3800</td> <td>260 @ 2100</td> </tr> </tbody> </table>											ENGINE	BHP	TORQUE	250 L6	90 @ 3600	180 @ 1600	350 V8	160 @ 3800	260 @ 2100
ENGINE	BHP	TORQUE																	
250 L6	90 @ 3600	180 @ 1600																	
350 V8	160 @ 3800	260 @ 2100																	

*S - Single O - Dual

SAE J1773 Specifications Form
Passenger Car

GM Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised (a) _____

Engine Displacement

L6-250 C.I. L22	V8-305 C.I. LGS	V8-350 C.I. LMI
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Engine — General

Type no. cyls. valve(s) per cyl.	In-line 6 OHV		90° V8 OHV	
Bore and stroke (nominal)	3.875 x 3.53		3.736 x 3.48	
Piston displacement (cu. in.)	250		305	
Bore spacing (C1 to C2)	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—fit or none	None			
Number of oil ports	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		21.22		
Clearance (inches)	Top land	.0245-.0335		.0245-.0335		.0235-.0325	
	Skirt Top Bohem	.0005-.0015 (a)		.0017-.0042 (b)		.0007-.0017 (b)	
Ring groove diameter	No. 1 ring	3.434-3.444		3.320 - 3.325		3.541 - 3.556	
	No. 2 ring	3.434-3.444		3.320 - 3.325		3.541 - 3.556	
	No. 3 ring	3.446-3.456		3.300 - 3.315		3.577 - 3.592	

(a) Measured 1.56 from top of piston

(b) Measured 1.56 from top of piston

MVMA Specifications Form

Passenger Car

Car Line **CREVELLE**
 Model Year 1978 Issued 9/76 Revised (M)

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. L23	V8-350 C.I. L21

Engine - Piston Rings

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

Engine - Piston Pins

Material	Chromium steel		
Length	2.990-3.010		
Outside diameter	.9270-.9273		
Type	Unlocked in rod in piston, loading, etc	Locked in rod	
	Bushing	In rod or piston	None
Clearance	In piston	.00015-.00025	.00025-.00035
	In rod		
Direction & amount of tilt in piston	Major thrust side .060		

Engine - Connecting Rods

Material	Drop forged steel		
Weight (lb)	14.24	13.70	13.70
Length (center to center)	5.695-5.705		
Bearing	Material & Type	Premium aluminum	
	Overall length	.807	.797
	Clearance (in)	.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

16-250 C.I. L22	V8-305 C.I. L23	V8-350 C.I. L21
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Engine—Crankshaft

Material		Cast nodular iron		
Vibrator damper type		Rubber mounted inertis		
End thrust taken by bearing (No.)		7	5	
Crankshaft end play		.002-.005	.002-.007	
Main bearing	Material & type	(a)	(b)	
	Clearance	.0008-.0029	(c)	
	Journal dia and bearing overlap 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. cv. oiler		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. 5 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 Rev sed (#) _____

Engine Displacement

L6-250 C.I. 122	V8-305 C.I. 163	V8-350 C.I. 181
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Engine—Valve System

		Standard			
Hydraulic lifters, Etc. (See NA)		Standard			
Valve control type		None		Exhaust	
Intake Exhaust					
Push rods (dia length material) (a)		.3125 x 9.612		3125 x 7.724	
Rocker ratio		1.75:1		1.50:1	
Coopering lapel clearance (indicate not in color)		Zero			
Intake		Zero			
Exhaust		Zero			
Timing (based on top of comp. piston)	Intake	Opens (BTDC)	16°	28°	28°
		Closes (ATDC)	48°	64°	72°
		Duration (deg)	244°	272°	280°
	Exhaust	Opens (BTDC)	64°	78°	78°
		Closes (ATDC)	50°	30°	30°
		Duration (deg)	294°	288°	288°
	Valve stem 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)		48° seat; 45° face			
Seat insert material		None			
Stem diameter		.3410-.3417			
Stem to guide clearance		.0010-.0027			
Intake	Lift (a) (psi)		.3880	.3727	.3900
	Outer spring press & length	Valve closed (lb in in)	78-86 @ 1.66	76-84 @ 1.70	
		Valve open (lb in in)	170-180 @ 1.26	194-206 @ 1.25	
	Inner spring press & length	Valve closed (lb in in)	None	Spring damper	
		Valve open (lb in 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)		48° seat, 45° face		
	Seat insert material		None		
Stem diameter		.3410-.3417			
Stem to guide clearance		.0010-.0027			
Exhaust	Lift (a) (psi)		.4051	.4100	.4100
	Outer spring press & length	Valve closed (lb in in)	76-86 @ 1.66	76-84 @ 1.61	
		Valve open (lb in in)	170-180 @ 1.26	194-206 @ 1.16	
	Inner spring press & length	Valve closed (lb in in)	None	Spring damper	
		Valve open (lb in in)	None	Spring damper	

(a) Welded steel tubing

MVMA Specifications Form Passenger Car

Car Line CREVELLE
Model Year 1977 Issued 9/76 Revised (a) _____

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. L63	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	Centrifugally oiled from camshaft bearing	
	Cylinder walls	Splash	Pressure jet cross sprayed	
Oil pump type	Gear			
Normal oil pressure (lb. @ engine rpm)	35-41 @ 2000	32-40 @ 2000		
O. press. winding unit (elect. or mech.)	Electric			
Type of pump (lifting, stationary)	Stationary			
O. filter system (full flow, part, other)	Full flow			
Filter replacement (element, complete)	Complete			
Capacity of oil pan less filter-ret. (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-30, 10W-30			
Engine service reqm. (SD, SE, etc.)	SE			

Engine — Exhaust System

Type (single, single with crossover, 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 .050 (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		
LS-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	Approximately 22; Pickup 26		
Fuel Tank	Behind hinged rear license plate (a)		
Fuel Pump	Mechanical		
Fuel Pump	Lower right front of engine		
Fuel Pump	Pressure range (b)	4.00-5.00	7.50-9.00
Vacuum booster (std., optional, none)	None		
Fuel Filter	Fine mesh plastic strainer in gas tank and paper filter element in carburetor inlet		
Carburetor	Automatic		
Carburetor	Exhaust		
Carburetor	Thermostatically controlled/ oil wetted paper element		
Carburetor	Choke type	Standard	
Carburetor	Intake manifold (fuel control) (exhaust or waste)	Optional	
Carburetor	Idle speed (RPM, Neutral or 3/4 in)	Manual	750/N
Carburetor	Idle speed (RPM, Neutral or 3/4 in)	Automatic	550/D
Carburetor	Idle A/F mix	Manual	-
Carburetor	Idle A/F mix	Automatic	500/D
Carburetor	Idle A/F mix	Not specified	

Carburetor Supplementary Information

Model Usage	Prior Disol	Transmission	Carburetors		No. Used and Type	Barré 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 9/75 Revised (a)

Engine Displacement

16-250 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	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)			
	Eqpt. equipment capacity (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 transmission 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°-36°										
Nominal length (SAE)	38.0	48.0	51.0	38.0	44.5	36.0	34.5	47.0			
Width	.440	.380	.440	.360	.380	.380	.380	.380			

MVMA Specifications Form Passenger Car

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

Engine Displacement

L6-250 (L22), V8-305 & 350 Except California	L6-250 (L22) & V8-350 (L41) 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	
Air Injection System	Filter (describe)		Centrifugal air cleaner	
	Air distribution (head, manifold, etc.)		Exhaust pipe	
	Point of entry		Exhaust pipe	
	Injection type and check valve type		.2700 Pressure plate system	
Exhaust Emission Control	Backfire protection (type)		Diverter valve	
	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	
Exhaust Gas Recirculation System	Orifice no. and size		One; .030	
	Point of exhaust injection (spacer, carburetor, manifold, other)		Inlet manifold	
	Catalyst	Type		Platinum-palladium
		Volume		260 cu. in.
Catalytic Converter System	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	

**NYMA Specifications Form
Passenger Car**

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

Engine Displacement

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

Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmosphere or induction system, other)		Standard	Induction system
			Optional	
	Control Unit	Make and model		A.C. Spark Plug 6487935 (L6) 648772B (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 arrester (screen, other)		Screen	
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 control, other)		Canister	
Crankcase Emission Control	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 Issue# 9/78 Revised (M)

Engine Displacement	
16-250 C.I.	V8-305; V8-350

Electrical — Supply System

Battery	Make and Model	Delco Remy 1980291	Delco Remy 1980204D	
	Voltage (V) & Total Plates	12V (2500 watts) 54 plates	12V (3200 watts) 66 plates	
	SAB Designation No and/or capacity	0°-275 amps; -20°-210 amps; 80 minutes reserve capacity	0°-350 amps; -20°-270 amps 80 minutes reserve capacity	
	Location	Right side of engine compartment		
General of Alternator	Terminal grounded	Negative		
	Make	Delco Remy		
	Model	1102481	1102394	
	Type and rating	Diode rectified 37 amps		
	Output at engine idle (amps)	12-20 amps		
	Output at engine speed	2.73:1		
Regulator	Make	Delco Remy		
	Model	Micro circuit unit; integral with alternator		
	Cut-in	Operating voltage in generator ID	None	
		Regulator current (amps)	None	
	Regulator	Voltage	13.8-14.8 @ 85°F	
		Current	--	
	Voltage test leads	Temperature	Operating	
		Load	3-8 amperes	
		Other	None	

Electrical — Starting System

Starting Motor	Make	Delco Remy		
	Model	1108778	1108776	
	Rotation	Clockwise		
	Engagement type	Positive shift solenoid		
Motor Drive	Pinion engages	Rear		
	Pinion (mm)	Pinion	9	9
		Shaft	153	--
	Pinion (mm)	Manual	153	168
		Auto	--	--
	Pinion (mm)	Manual	.4010-.4130	--
Auto		.4010-.4130	.4100-.4220	

(A) - Cold cranking rating

MVMA Specifications Form Passenger Car

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

Engine Displacement

16-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM3
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Electrical — Ignition System — Distributor

Breaker gap (in.)		Not applicable		
Cam angle (deg.)		Not applicable		
Bkr. arm sensor (oz.)		Not applicable		
Distributor	Manual	1110678	Not available	
	Automatic	1110678 (1110681)	1103238	1103246 (1103248)
Timing	Manual	6° @ 750	-	-
	Automatic	6° @ 600	8° @ 500	8° @ 500 (8° @ 500)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degree at Engine RPM			VACUUM ADVANCE Crankshaft Degree at In. or Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110678	0 @ 1000	7 @ 1600	20 @ 4200	0 @ 4	24 @ 15
1113238	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 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900
Revised 10/76

Engine Displacement

16-250	V8-305	V8-350
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Electrical—Ignition System

Type	Conventional - Std. Opt. N/A	
	Transistorized - Std. Opt. N/A	
Dist. (specify)	High energy ignition system (H.E.I.)	
	Make	Delco Remy
Coil	Make	Integral with distributor
	Model	
Current	Engine stopped	--
	Engine running	--
Spark plug	Make	AC Spark Plug
	Model	
Thread	Make	R46TS
	Model	
	Thread (mm)	14
	Tightening torque (ft. lb.)	25 (original) 15 (replacement)
Gap	Make	.035
	Model	.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
	Top odometer (Std. Opt. N/A)	Not available
LGR maintenance indicator	Type	NA
	Warning device	Tell-Tale
Charge indicator	Type	NA
	Warning device	Tell-Tale
Temperature indicator	Type	NA
	Warning device	Tell-Tale
Oil pressure indicator	Type	NA
	Warning device	Electric gauge
Fuel indicator	Type	NA
	Warning device	Electric Two-speed
Windshield Wiper	Type - standard	Intermittent windshield wiper system
	Type - optional	
	Blade length		15.0"
Windshield Washer	Sweep area Sq. In.	834.8
	Type - standard	Push button
Windshield Washer	Type - optional	None
	Fluid level indicator	NA
Horn	Type	Vibrator
	Number used	One; Two optional (B)
Other	Current draw (A) per horn	4.5-6.5 @ 12.5 (low note)
		Restraint system warning light and buzzer Parking brake and parking brake warning light

MVMA Specifications Form

Passenger Car

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

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.)	1850-1900	
No. of clutch driven discs	One	
Clutch bearing	Material	Woven type asbestos
	Manufacturer	Chevrolet
	Part Number	3828054
	Rivets/Pins	36
	Rivet Size	.143 x 213
Clutch bearing	Outside & inside dia.	9.12 x 6.12
	Total ell. area (sq. in.)	71.82
	Thickness	.135
Release bearing	Engagement cushioning method	Flat spring steel between facings
	Type & method of lubrication	Single row ball, packed and sealed
Forces and damping	Mainshaft 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	
Gear ratios	In first	3.11
	In second	1.84
	In third	1.00
	In fourth	
	In reverse	3.22
Synchronous meshing spur type gears	All forward gears	
Shift lever location	Steering column	
Lubricants	Capacity (pt.)	3
	Type recommended	Meeting Military specs. MIL-L-2105B
	SAE viscosity grades	Summer SAE 80 Winter SAE 80 Extreme cold SAE 80

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
Model Year 1977 Issued 9/75 Revised (to) 2/77

Engine Displacement

16-250 C.I.	V8-305-350 C.I.
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Drive Units—Automatic Transmission

Trade name	Turbo Hydra-matic	
Type (description)	Torque converter with planetary gears	
Selector location	Lever-steering column; floor mounted when used with optional console and bucket seats	
Gear Ratio	P	Park
	R	1.94
	N	Neutral
	D	2.52-1.52-1.00
	LP	2.52-1.52
	1 st	2.52
Max. uphill speed - drive range	70	81
Max. downhill speed - drive range	66	77
Torque Converter	Number of elements	3
	Max. ratio brake	2.00
	Type of cooling (air, liquid)	Water
	Nominal diameter	11.75
Lubricant	Capacity (refill (qt.))	6
	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		
Locked diff. differential type	Disc clutches		
Drive Pinion Oilseal	1.50		
No. of differential pinions	Two		
Pinion adjustment (shim, cones)	Shims		
Pinion bearing adj. (shim, cones)	Collapsible sleeve		
Wheel bearing type	Direct or single row cylindrical		
Lubricant	Capacity (qt.)	4.00	
	Type recommended	Meeting Military specs. MIL-L-2105B	
	See 1-5 code 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	16	13	15
	Ring gear	41	41	40	41
Ring Gear (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 / 76 Revised 101 _____

Engine Displacement

--

Drive Units—Propeller Shaft

Number used		One
Type (straight tube, tube-in-tube, integral, external, pin, etc.)		Straight tube
Outer diam. length wall thickness	Manual 3-speed hubs	3.00 x 37.65 x 0.065 (116" wheelbase) 2.75 x 33.65 x 0.065 (112" wheelbase)
	Automatic transmission	Same as 3-speed
Inner machete bearing	Type (plain, anti-friction)	None
	Lubrication (oil, grease)	--
Slip Yoke	Type	Yoke
	Number of teeth	27
	Spline O. D.	1.1750-1.1752
	Make and Mfg. No.	Saginaw 44
Universal joints	Number used	Two
	Type (ball and function, cross)	Cross
	How attached to ball (ring, etc.)	Strap & bolt
	Bearing	Type (plain, anti-friction)
Lubric. (oil, grease)		Pre-pack
Drive taken through (disque tube, cranks, springs)		Control arm
Torque taken through (disque tube, cranks, springs)		Control arm

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

MVMA Specifications Form

Passenger Car

Car Line **CHEVELLE**
 Model Year **1977** Issue Date **9/76** Revised (S)

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)	FR78 x 15B (a)	HR78 x 15B	GR78 x 15B	
	Type (bias, radial, etc.)	Glass belt, radial	Steel belted radial	Steel belted radial	
	Inflation pressure (psid): for recommended max. vehicle load	28	24	30	
		28	32	32	
Max. mile. or 45 mph		778	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
4 steps up from SERVICE BRAKES	Type (manual or optional)
	Circle diameter
	Length, size, weight & width & 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 P23 Deluxe Wheel Trim Cover.

MYMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1977 Issued 9/76 Revised #1 2/77

Body Type and/or Engine Displacement

Malibu Sedan & Coupe 1AC29/S7 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.)	Disc	Front	---		
		Rear	Standard		
Disc	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 Cylinder Bore	Front	2.9375			
	Rear	.9375			
Master Cylinder Bore	Bore	.9375; power 1.125		1.125	
	Stroke	1.438; power 1.408		1.408	
Pedal ratio (incl. line pressure at 100 lb. pedal load)		6.28:1; power 3.5:1		3.5:1	
Shoe Clearance	Front	Self adjusting			
	Rear	Self adjusting			
Anti-skid dev. device (Std. opt. N.A.)		N.A.			
Bonded or riveted riveting		Riveted			
Rivet size		Front .210 x .379 Rear .143 x .250			
Manufacturer		Delco Moraine			
Part number		Front 18000282, Rear 18000181			
Brake Lining	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			

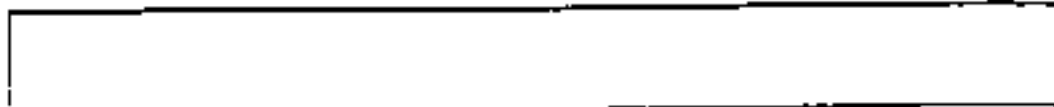
* Excludes rivet holes, grooves, chamfers, etc.

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

*** Total swept area for four brakes (Drum brake: Wheel 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 9/75 Revised (e)



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 (fill swing other)	Type and description	Tilt: Universal jointed steering shaft at base on 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
		Overal	32.8:1 on center to 34.7:1
	No. wheel turns (stop to stop)	8.64	
Type (column linkage etc.)	Integral gear with power piston and vane-type pump		
Power	Gear	Type	Same as manual
		Make	Saginaw steering
	Ratios	Gear	18.0:1 on center to 13.0:1
		Overal	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 drive)	Front	
	Drag link (trans. or knurl)	None	
	Tie rods (one or two)	Two	
Steering Axis	Inclination of camber (deg.)		0.6 @ 1° Camber
	Bearings (type)	Upper	Ball stud with non-metallic surfaces
		Lower	Ball stud with non-metallic surfaces
		Thrust	None
Wheel Align (range of curb w/ A 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.

MYMA Specifications Form Passenger Car

Car Line CNRYVILLE
Model Year 1977 Issued 9/76 Revised (a)

Body Type And/Or Engine Displacement

Coupe & 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 disc control	Mounting angle of front upper control arms*	
Provision for accel. equal 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	Independent — SLA type with coil springs	
Travel	Full bounce	3.54
	Full Rebound	4.28
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length & dia.)	11.00 x 4.05; 128.94 x .688 (a)
	Spring rate (lb. per in.)	300 (a)
	Rate at wheel (lb. per in.)	84
Stabilizer	Type (link, inelastic, trimetals)	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 bounce	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	No. of leaves	—
	Shock in (comp. or links)	—
	Type (link, inelastic, trimetals)	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 (a) 2/77

Body Type

4-Door Sedan	2-Door Coupe	Station Wagons	Sedan Pickup
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Frame

Type and description (Separate items
 Utilized frame, partially - utilized frame)

All welded perimeter type with front crossmember,
 rear suspension crossmember, and rear crossmember.

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)	Acrylic lacquer			
Hood counterbalanced (yes, no)	Yes			
Hood release control (external, internal)	Internal			
Vehicle lock: No location	Top left of instrument panel pad			
Throttle protection: type	Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition.			
Vent window control method (mark friction type, power)	Front	None		
	Rear	None		
Seat cushion type	Front	Formed full foam pad		
	Rear	Formed full foam pad		
	3rd seat	Formed full foam pad		
Seat back type	Front	Formed full foam pad		
	Rear	Formed full foam pad		
	3rd seat	Formed full foam pad		
Windshield glass type	Curved-laminated plate			
Side glass type	Curved-tempered plate			
Backlight glass type	Tempered plate curved		Flat	
Windshield glass exposed surface area	1332.6	1276.6	1332.6	1276.6
Side glass exposed surface area	2127.9	1518.6	3174.3	1252.0
Backlight glass exposed surface area	1262.9	1307.2	926.1	573.2
Total glass exposed surface area	4723.4	4102.4	5433.0	3101.8

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Make Year 1977 Issued 9 / 76 Revised (a) _____

Body Type

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

Power Windows	Side windows	Optional
	Vert windows	NA
	Backlight or light	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	
Radio (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	Headlamp (H125)	Highest**	27.9	28.1	28.1	28.7
		Lowest	--	--	--	--
Tail (H125)	Tail	Highest	24.5	24.4	17.3	18.4
		Lowest	--	--	--	--
Side marker	Side marker	Front	24.0	24.0	24.2	24.7
		Rear	20.3	20.2	20.4	19.6
Distance from C.G. 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 **CHEVETTE** Model Year **1977** Issue **9/76** Revised

Vehicle Weights

Make		CURB WEIGHT (Pounds)							PASS WEIGHT DISTRIBUTION		SHIPPING WEIGHT (Pounds)
		CURB WEIGHT (Pounds)			Pass In Front		Pass In Rear				
		Front	Rear	Total	Front	Rear	Front	Rear			
MALIBU (a)											
2-Door Coupe	LAC37	1976	1790	3667	46.0	54.0	18.0	82.0	3551		
4-Door Sedan	LAC29	2022	1722	3744	47.3	52.7	19.3	80.7	3628		
MALIBU CLASSIC (a)											
2-Door Coupe	LAD37	2004	1711	3715	46.0	54.0	18.0	82.0	3599		
4-Door Sedan	LAD29	2065	1778	3841	47.3	52.7	19.3	80.7	3725		
STATION WAGONS											
MALIBU (b)											
4-Door, 2-seat	LAC35	2077	2175	4252	47.3	52.7	19.3	80.7	4139		
MALIBU CLASSIC (c)											
4-Door, 2-seat	LAD35	2129	2217	4346	47.3	52.7	19.3	80.7	4233		
PICKUP DELIVERY (a)											
El Camino	LAC80	1992	1760	3752	47.3	52.7			3811		
El Camino Classic	LAD80	2022	1762	3784	47.3	52.7			3843		
(a) With 16-250 C.I. Engine											
(b) With V8-305 C.I. Engine											
(c) With V8-350 C.I. Engine											

Reference - SAE J100 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 (●)

Optional Equipment Weights

Equipment Difference, Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
Air Conditioning	+ 75	+ 4	+ 79	With 6 cyl. engine
	+ 66	+ 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 Tap	+ 15	+ 5	+ 20	
Radio AM-FM Push-Button & Stereo Tap	+ 16	+ 5	+ 21	
Front & Rear Bumper Gads	+ 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 LAC & LAD29, 37
	+ 90	+ 0	+ 90	El Camino LAC & LAD80
350 Cu. In. LM1	+ 112	+ 9	+ 121	Sedans & Coupes LAC & LAD29, 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.	+ 23	+ 8	+ 30	Used w/V8-LG3/ LM1 exc. S. W. & LAD29

MVMA Specifications Form Passenger Car

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

Body Type

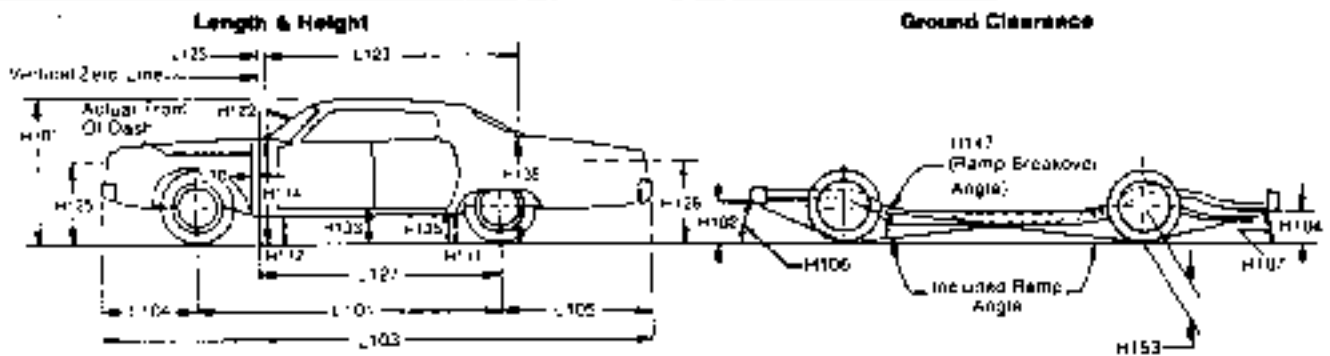
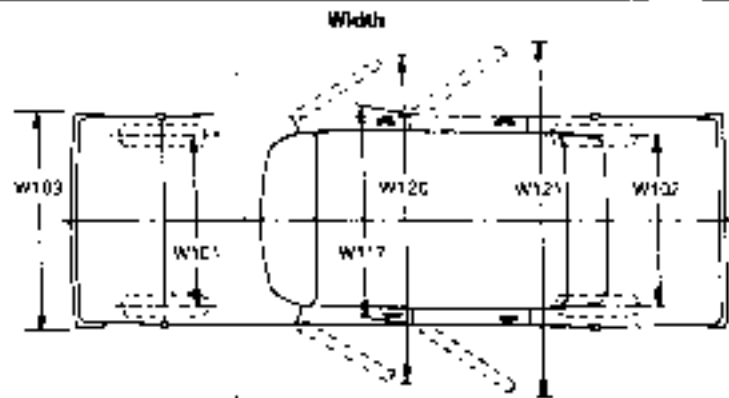
Vehicle Fiducial Marks

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.

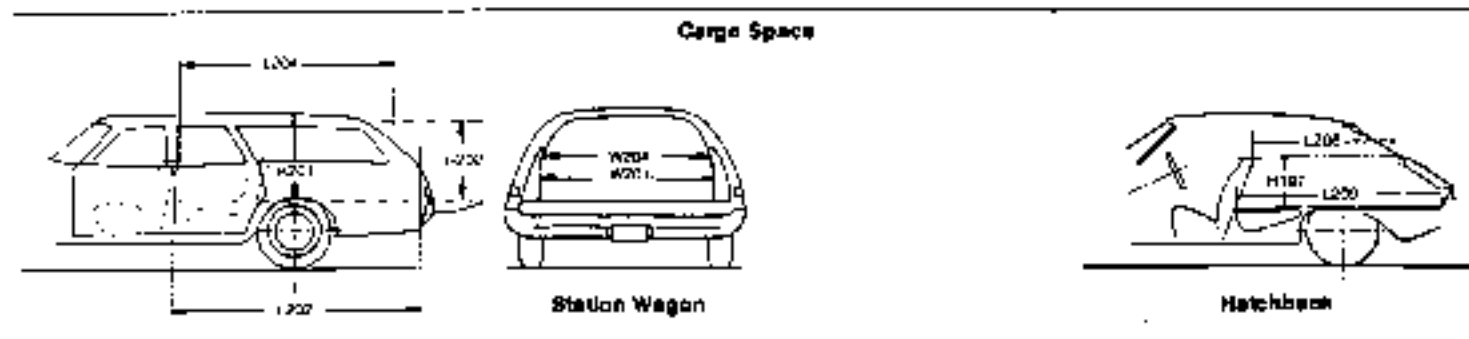
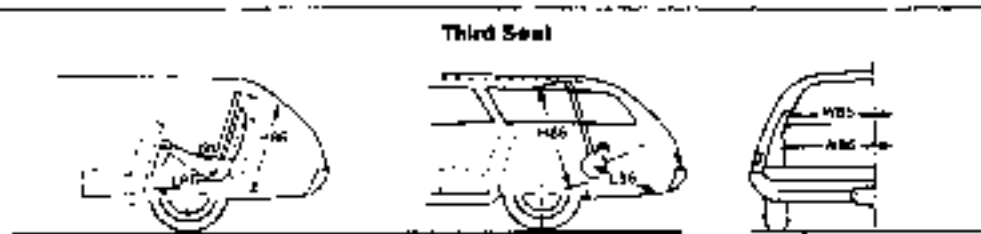
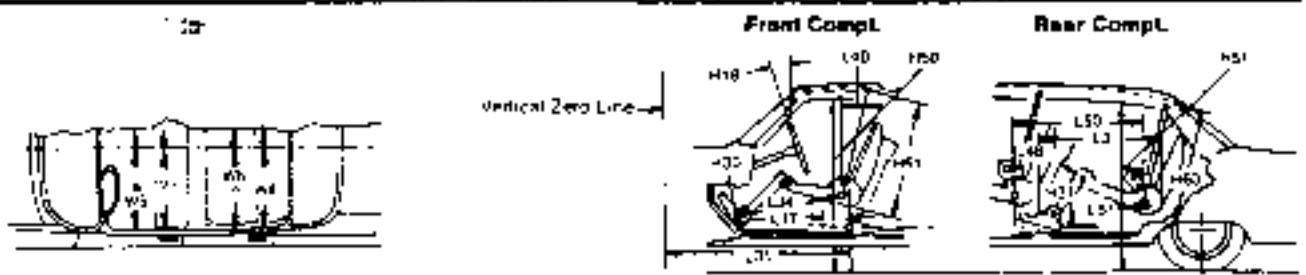
Fiducial Mark Number	Coordinate Location of Fiducial Mark			Fiducial Mark to Ground at Curb	
	X	Y	Z		
Front	22.72	28.48	4.83	Coupes	10.7
		28.48	4.83	Sedans	10.7
	22.72	28.50	4.83	Station Wagons	11.5
		28.50	4.83	El Camino	11.5
Rear	12.70	130.54	9.50	Coupes	14.8
		134.54	9.50	Sedans	14.9
	18.30	146.00	12.30	Station Wagons	19.3
		142.00	11.77	El Camino	17.9

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



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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 bumper 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 OIL of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR Measured from OIL 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 riding 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.
- H158 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

MVMA Specifications Form Passenger Car

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 with a the belt line to 10 inches above the H-point—front.
- W5** HIP ROOM—FRONT. The minimum dimension measured laterally between "X" surfaces on the "X" plane through the H-point—front 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 10.0-15.0 inches above the H-point—second.
- W5** 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 tie and locks in place.
- H195** LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment cover 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.
- L88** 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 seats 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.

MVMA Specifications Form Passenger Car

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 wheel housings 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 loaded 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.
- L206 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.

$$\frac{L209 + L206}{2} \times W4 \times H197$$

$$\frac{\quad}{1728}$$

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