

1972



CHEVROLET

CHEVELLE

BODY

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EXTERIOR PAINT PROCESS

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

EXTERIOR-INTERIOR COLORS

CHEVELLE 133-13400 SERIES MALIBU 135-13600 SERIES

					INTERIOR TRIM COLORS AND CODE NUMBERS									
SERIES	MODEL				Front Seat	Black		Dark Green		Medium Tan	Dark Blue	Light Covert		White
	37	67	39	69		Cloth	Vinyl	Cloth	Vinyl	Vinyl	Cloth	Cloth	Vinyl	Vinyl
Chevelle	X				Bench	702	701	711	710	719	723			
				X	Bench	702	701	711		719	723			
Malibu				X	Bench	703	704		713	720	724	730	732	
			X		Bench	703	704		713		724	730	732	743
	X				Bench	703	704		713	720	724	730	732	743
	X				Bucket		704		713	720			732	743
		X			Bench		704		713					743
					Bucket		704		713					743

COLOR CODE	EXTERIOR COLOR						
11	Antique White	X	X	X	X	X	X
14	Pewter Silver	X	X	X			X
24	Ascot Blue	X			X		X
26	Mulsanne Blue	X			X		X
36	Spring Green	X					X
43	Gulf Green	X	X			X	X
48	Sequoia Green	X	X	X		X	X
50	Covert Tan	X	X	X		X	X
53	Placer Gold	X				X	X
56	Cream Yellow	X		X		X	X
57	Golden Brown	X		X		X	X
63	Mohave Gold	X		X		X	X
65	Orange Flame	X					X
68	Midnight Bronze	X		X		X	X
75	Cranberry Red	X					X

TWO-TONE*							
COLOR CODE	LOWER	UPPER					
26-11	Mulsanne Blue	White	X			X	X
43-11	Gulf Green	White	X	X		X	X
48-11	Sequoia Green	White	X	X	X	X	X
57-11	Golden Brown	White	X		X	X	X
63-11	Mohave Gold	White	X		X	X	X

Wheels: lower body color with hub caps, black with wheel covers, argent with RPO Rally wheels, dark gray with SS Trans-Am wheel.

* Not available on Convertible models.

EXTERIOR-INTERIOR COLORS

STATION WAGON SERIES EL CAMINO SERIES

SERIES	BODY STYLE			Seat Trim	INTERIOR TRIM COLORS AND CODE NUMBERS			
	36	46	80		Black	Dark Green	Medium Tan	Light Covert
Nomad	X			Vinyl	705		721	
Greenbrier	X	X			701	710	719	
Concours	X	X			704	713	720	
Concours Estate	X	X			704	713	720	
Std. El Camino			X		701		719	
Custom El Camino			X		704		720	732

COLOR CODE	EXTERIOR COLOR				
11	Antique White	X	X	X	X
14	Pewter Silver	X	X	X	
24	Ascot Blue	X			
26	Mulsanne Blue	X			
36	Spring Green	X			
43	Gulf Green	X	X		X
48	Sequoia Green	X	X	X	X
50	Covert Tan	X	X	X	X
53	Placer Gold	X			X
56	Cream Yellow	X		X	X
57	Golden Brown	X		X	X
63	Mohave Gold	X		X	X
65	Orange Flame	X			
68	Midnight Bronze	X		X	X
75	Cranberry Red	X			

TWO-TONE*						
COLOR CODE	LOWER	UPPER				
26-11	Mulsanne Blue	White	X			
43-11	Gulf Green	White	X	X		X
48-11	Sequoia Green	White	X	X	X	X
57-11	Golden Brown	White	X		X	X
63-11	Mohave Gold	White	X		X	X

*-- Available only on El Camino models.

Wheels: lower body color with hub caps, black with wheel covers, argent color with RPO rally wheels and dark gray with SS Trans-Am wheel.

EXTERIOR-INTERIOR COLORS

VINYL ROOF COLORS

COLOR CODE	EXTERIOR COLOR	VINYL ROOF COLORS				
		Black	White	Medium Green	Medium Tan	Light Covert
11	Antique White	X	X	X	X	X
14	Pewter Silver	X	X	X		
24	Ascot Blue	X	X			
26	Mulsanne Blue	X	X			
36	Spring Green	X	X			
43	Gulf Green	X	X	X		
48	Sequoia Green	X	X	X		X
50	Covert Tan	X	X			X
53	Placer Gold	X	X			X
56	Cream Yellow	X	X			X
57	Golden Brown	X	X			X
63	Mohave Gold	X	X		X	X
65	Orange Flame	X	X			X
68	Midnight Bronze	X	X		X	X
75	Cranberry Red	X	X			

BODY CONSTRUCTION AND GLASS AREA

GENERAL

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

DOORS AND LOCKS

Door construction Double steel panels, hinged at front.
Door handles Push-button with fork type door locks. Inside push-button locks and 2-position free-wheeling inside door handles on all doors.
Door ventipanes Crank operated except sport coupe and convertible models, which feature full door glass.

HOOD AND TRUNK LID

Type Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod. Two hood stop pins mounted on the cowl.

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber, providing washing and air drying of rocker panels for corrosion resistance. Air and water travel through rocker panels and drain at end of rocker inner panels. Astro Ventilation with instrument panel outlets standard on Sport Coupes and Convertibles.

TAILGATE

Type Dual action.
Two separate latches unlock the tail gate as a gate or door.

SEAT CONSTRUCTION

Type
Front seat cushion
2.00 polyfoam 131-13236,133-13400,135-13600,13836-46
Rear seat cushion
Jute and cotton 131-13236,133-400
1.00 poly foam 135-13600, 13836-46
3rd seat cushion
0.75 poly foam 13446, 13646, 13846

WINDSHIELD WIPERS

Type Concealed dual 2-speed electric for Malibu, Concours and Concours Estate Wagons, and Custom El Camino. Conventional dual 2-speed system for Chevelle, Nomad and Greenbrier wagons, and standard El Camino.
Linkage Parallel acting with articulated left arm for Malibu, Concours and Concours Estate Wagons and Custom El Camino. Conventional parallel acting system for Chevelle, Nomad and Greenbrier wagons, and standard El Camino.

SPARE TIRE MOUNT

Location Sedans and sport Coupe, horizontal, RH side 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.

BODY GLASS VISIBILITY AREA

	MODELS					
	69	39	37	67	36-46	80
Windshield	1249.6		1208.7	1211.8	1249.6	1208.7
Front Door Vent	90.0	97.8	-		90.0	88.8
Front Door Window	516.9	515.4	936.8		516.9	560.0
Rear Door Window	590.1	736.2	-		570.8	-
Rear Quarter Window	-		397.2	323.6	1238.5	-
Back Window	1032.2	1032.5	1059.4	539.7	757.0	695.6
Total Area (Sq. in.)	3472.8	3631.5	3602.1	3011.9	4422.8	2553.1

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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. Center sections except convertible and sedan pickup are "C" shaped; convertible and sedan pickup have welded box construction members. Rear axle kick-up box welded construction. Rear of pickup "C" shaped. Body Mounting: Convertible - 12 biscuits; station wagon, sedan pickup-8 biscuits +4 cushions; balance - 8 biscuits +2 cushions

Wheel travel (Design)
Total 7.92
Jounce 3.92
Rebound 4.00
Wheel to spring, travel ratio 1.86

FRONT SUSPENSION

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

CONTROL ARMS

Description Stamped A-frame with pre-loaded, steel-encased rubber bushings at pivot.

STEERING KNUCKLES

Description Forged steel with integral brake cylinder mounting, and detachable 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 To be provided
Lower One bearing; steel

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR

Type Link
Material HR steel
Diameter 0.8125

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) 0 to P1-1/2
Caster (degrees) N2 to 0
Toe (Total) 1/16 to 5/16
Steering axis inclination (degrees) 7-3/4 to 8-3/4

GENERAL SUSPENSION PROVISIONS

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

FRAME AND FRONT SUSPENSION

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part Number	Assembly Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs per inch)	HEIGHTS	
						Free	Working (In. @ lbs.)
395 2802	AF	133.95	.583	10.12	250	17.17	11.7 @ 1360
395 2803	AH	134.05	.583	10.12	250	17.45	11.7 @ 1430
395 2804	AI	143.75	.597	10.82	250	17.73	11.7 @ 1500
395 2805	AJ	143.75	.597	10.82	250	18.01	11.7 @ 1570
395 2806	AO	153.45	.610	11.52	250	18.29	11.7 @ 1640
395 2807	AQ	153.45	.610	11.52	250	18.57	11.7 @ 1710
395 2808	AR	131.65	.595	9.92	275	16.86	11.7 @ 1410
395 2809	AW	131.75	.595	9.92	275	17.11	11.7 @ 1480
395 2810	AZ	140.05	.607	10.52	275	17.37	11.7 @ 1550
395 2811	GI	140.05	.607	10.52	275	17.62	11.7 @ 1620
395 2812	GO	149.85	.621	11.22	275	17.87	11.7 @ 1690
395 2813	GQ	149.85	.621	11.22	275	18.13	11.7 @ 1760
395 2814	GS	130.99	.618	9.82	320	16.10	11.7 @ 1400
395 2815	GT	131.05	.618	9.82	320	16.32	11.7 @ 1470
395 2816	GU	131.05	.618	9.82	320	16.54	11.7 @ 1540
395 2817	GV	131.05	.618	9.82	320	16.76	11.7 @ 1610
395 2818	GW	138.05	.629	10.32	320	16.98	11.7 @ 1680
395 2819	GX	138.05	.629	10.32	320	17.17	11.7 @ 1740
395 2820	GY	149.29	.646	11.12	320	17.35	11.7 @ 1800
395 2821	GZ	149.35	.646	11.12	320	17.54	11.7 @ 1860
395 2822	AA	149.35	.646	11.12	320	17.73	11.7 @ 1920
395 2823	AB	132.05	.654	9.82	390	16.14	11.7 @ 1720
395 2824	AC	132.15	.654	9.82	390	16.42	11.7 @ 1830
395 2825	AD	137.75	.663	10.22	390	16.70	11.7 @ 1940
3960655	GA	125.85	.659	9.22	435	15.20	11.7 @ 1510
3960665	GB	125.89	.659	9.22	435	15.52	11.7 @ 1650
3960686	GC	125.94	.659	9.22	435	15.32	11.7 @ 1780
3974684	GD	160.82	.617	11.92	250	18.85	11.7 @ 1780
3983300	AK	170.88	.645	12.62	275	18.38	11.7 @ 1830
3983301	AL	170.91	.645	12.62	275	18.64	11.7 @ 1900
3983304	AP	163.47	.663	12.02	320	17.92	11.7 @ 1980
3987798	GP	135.52	.679	10.0	435	16.12	11.7 @ 1910
3983337	AM	171.22	.645	12.62	275	18.82	11.7 @ 1950
3960655	GA	125.85	.659	9.22	435	15.20	11.7 @ 1510

STEERING, DRIVELINE, WHEELS AND TIRES

MANUAL STEERING (Standard)

Description	Semi-reversible, recirculating ball nut gear, and an energy absorbing steering column for safety. Tilt steering wheel optional.
Ratios	Gear, 24.0:1; Overall, 28.7:1
Turning diameters (ft)	
Outside front, wall to wall	45.5
Outside front, curb to curb	42.0
Number of wheel turns, lock to lock	5.5
Outside wheel angle with inside wheel @ 20°	18.6°
Linkage	Parallelogram, front of wheels, 2 tie rods
Steering wheel	
Type	Oval
Diameter	15.25 x 14.75

POWER STEERING (RPO N40)

(Same as standard Manual Steering except as shown)	
Type	Integral gear, with vane-type pump driven by crankshaft pulley providing hydraulic pressure.
Ratios	Gear, 16.0/13.0; Overall, 18.5/12.4
Number of wheel turns, lock to lock	2.9

DRIVELINE

Type	Straight tube
Number used	One
Diameter (O.D.)	3.25
Length (C/L of U-Joints) for manual transmissions	
112 in. wheelbase	55.52
116 in. wheelbase	59.52
Wall thickness	.065
Universal joints	
Type	Cross
Number used	Two
Bearings	Prepack, anti-friction
Drive and torque	Through rear suspension control arms

WHEELS, REGULAR PRODUCTION

Type	Short spoke spider
Size	
Except Station Wagons and SS	14 x 5
Station Wagons	14 x 6
SS models (Trans-Am)	15 x 7
Offset	
14 x 5	0.60
14 x 6	0.88
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

WHEELS, RALLY-TYPE (RPO ZJ7)

(Same as regular production except as follows)	
Type	Large ventilation slots
Size	14 x 6
Offset	0.50

TIRES

Construction	Bias belted
Load Range	B
Size (Sedans, Coupes & Convertibles)	
E78 x 14 (6 Cyl. & V8 except LS3 and "SS")	
Static loaded radius	12.2
Loaded rev/mi @ 45 mph	800
Capacity @ 24 psi	1190
F78 x 14 (LS3 V8 engine & all El Camino except "SS")	
Static loaded radius	12.4
Loaded rev/mi @ 45 mph	785
Capacity @ 24 psi	1240
F60 x 15 (All Chevelle & El Camino "SS" models)	
Static loaded radius	12.2
Loaded rev/ mi @ 45 mph	801
Capacity @ 24 psi	1280
G78 x 14B or G78 x 14D (Station Wagons)	
Static loaded radius	B-12.6; D-12.6
Loaded rev/mi @ 45 mph	B-778; D-773
Capacity @ 24 psi	B-1380; D-1380

REAR AXLE AND SUSPENSION

REAR AXLE

Description	Semi-floating housing consists of two welded tubes pressed into crossbore of cast iron carrier. Carrier contains an overhung pinion and hypoid gear supported by two taper roller bearings.
Pinion offset	(Vert) 1.50
Hypoid gear PD	
2.73, 3.08, 3.36	8.125
2.73, 3.31, 4.10	8.875
Pinion bearing adjustment	Shim
Lubricant	
Type	Military Spec. MIL-L-2105-B
Viscosity	SAE 80
Capacity (pts)—8.125 hypoid gear	4.25
—8.875 hypoid gear	4.90

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

8.125 Ring Gear (6 Cyl., base V8 & L65 except trailer option)	
2.73	41,15
3.08	40,13
3.36	43,13
8.875 Ring Gear (L48, LS3, LS5 & trailer option)	
2.73	41,15
3.31	43,13
4.10	41,10

POSITRACTION DIFFERENTIAL (See Power Trains)

Type	Cone clutches or dual 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 (design)	
Total—Except wagon and pickup	8.80
Wagon and pickup	8.12
Jounce—Except wagon and pickup	3.59
Wagon and pickup	2.91
Rebound	5.21
Wheel to spring, travel ratio	1.06

SHOCK ABSORBERS

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

REAR AXLE AND SUSPENSION

REAR SPRINGS

Selected from a family of 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.)
3893389	BU	103.8	.522	6.25	100	14.70	9.00 @ 570
3893385	BE	103.8	.522	6.25	100	15.00	9.00 @ 600
3893386	BF	105.9	.525	6.35	100	15.31	9.00 @ 630
3952826	BI	103.9	.522	6.25	100	15.60	9.00 @ 660
3893390	BW	105.9	.525	6.35	100	16.01	9.00 @ 700
3952828	BM	92.6	.539	5.65	130	13.08	9.00 @ 530
3952829	BP	92.7	.539	5.65	130	13.46	9.00 @ 580
3952830	BQ	98.5	.550	5.95	130	13.85	9.00 @ 630
3952831	BR	98.6	.550	5.95	130	14.23	9.00 @ 680
3949004	BD	109.7	.637	6.45	200	14.00	9.00 @ 1000
3949006	BG	109.7	.637	6.45	200	14.30	9.00 @ 1060
3960652	OQ	85.2	.553	5.25	160	12.19	9.00 @ 510
3974701	OZ	105.0	.592	6.25	160	13.63	9.00 @ 740
3974700	OY	111.8	.640	6.55	200	14.60	9.00 @ 1120
3987799	OG	95.0	.574	5.75	160	12.44	9.00 @ 550
3987800	OH	95.0	.574	5.75	160	12.69	9.00 @ 590
3987801	OJ	95.1	.574	5.75	160	12.94	9.00 @ 630

SERVICE BRAKES, REGULAR PRODUCTION

(Except Greenbrier, Concours, and Concours Estate station wagons and "SS" models)

Type Duo-servo 4-wheel hydraulic; dual circuit hydraulic system with warning lamp, and reverse self adjusting feature.

Line pressure at 100 lb pedal load 805

Braking ratios

Pedal 6.31

Hydraulic 4.29

Overall 27.1

Brake drum

Diameter 9.5

Construction Composite, web cast into rim

Material

Web HR steel

Rim Cast iron alloy

Swept drum area 268.6

Brake lining

Material Compression molded asbestos composition wet rolled; grooved primary linings front and rear.

Length

Primary, front and rear 9.01

Secondary, front and rear 9.75

Width

Front linings 2.50

Rear linings 2.00

Thickness, minimum @ C/L

Primary, front and rear17

Secondary, front and rear20

Method of attachment Bonded

Total effective area 151.6

Master cylinder

Piston diameter 1.00

Piston travel (with available pedal travel) 1.13

Wheel cylinders

Piston diameter

Front 1.125

Rear875

Foot pedal travel 7.10

PARKING BRAKE

Type Mechanical: Pull rods and cables operate two rear service brakes; parking brake "ON" warning lamp provided.

Total effective area 66.6

Control Pendulum foot pedal; released by T handle located on instrument panel to left of steering column.

POWER BRAKES (RPO J50)

(Same as regular production service brakes except as follows)

Type Vacuum power unit added to assist master cylinder; integral system.

Pedal effort Approximately 30 percent less than regular production service brakes at same deceleration rate.

Braking ratios

With regular production service brakes

Pedal 4.02

Hydraulic 4.29

Overall 17.2

Master cylinder

Piston travel (With available pedal travel) 1.42

Foot pedal travel 4.84

FRONT WHEEL DISC BRAKES (RPO J12)

(Regular production service brakes at rear wheels; power assist required). Standard on all station wagons except Nomad.

Type Hub mounted front discs, with self-adjusting single piston caliper units mounted on the steering knuckle, delay and metering valves provides balance between front and rear brakes.

Braking ratios

Pedal 3.44

Hydraulic 14.1

Overall 48.5

Total effective lining area, disc and drum 102.9

Gross lining area, disc and drum 118.1

Swept disc and drum area 332.4

Disc

Diameter 11.0

Material Cast iron

Width 1.00

Disc lining

Material Wet compression molded asbestos composition.

Size 5.96x2.21x.41

Method of attachment Riveted

Master cylinder

Piston diameter 1.125

Piston travel (With available pedal travel) 1.41

Wheel cylinders

Front calipers

Number per wheel 1

Diameter 2.94

Rear drums

Diameter875

Foot pedal travel 4.84

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Automatic transmission quadrant	Column 1-194	2
Automatic transmission position pattern	Floor console, 2-1445	1
Back-up	2-1156	32
Brake warning	1-194	2
Courtesy		
Instrument panel	2-631	6
Seat separator	1-212	6
Directional signal indicators	2-194	2
Dome	1-211	12
Generator indicator	1-194	2
Glove compartment	1-1893	2
Headlamp	2-6014	High beam 60W Low beam 50W
Headlamp hi-beam indicator	1-194	2
Heater controls	1-1445	1
Instrument cluster	5-194	2
License plate, rear	1-67	4
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Parking		
Park	2-1157	3
Turn		32
Radio	1-1816	3
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Spot Lamp - Portable	1-4416	30W
Tail		
Tail	2-1157	3
Stop and turn		32
Temperature indicator	1-194	2
Underhood	1-93	15
• Map Light (Mirror)	1-563	4
• Seat belt warning	1-194	2

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	AGC 30 fuse	In line
	AGC 25 fuse	Fuse panel (g)
Auto. trans. quadrant lamp	AGC 4 fuse	Fuse panel (c)
Back-up lamps	AGC 20 fuse	Fuse panel (d)
Cigarette lighter	AGC 25 fuse	Fuse panel (b)
Clock	AGC 25 fuse	Fuse panel (b)
Clock lamp (with tachometer option)	AGC 4 fuse	Fuse panel (c)
Courtesy lamps	AGC 25 fuse	Fuse panel (b)
Defogging unit	AGC 10 fuse	Fuse panel (d)
Direction signal indicator lamps	AGC 20 fuse	Fuse panel (c)
Dome lamp	AGC 25 fuse	Fuse panel (b)
Folding top motor	30 amp fuse	Firewall
Fuel gage	AGC 10 fuse	Fuse panel (d)
Generator indicator lamp	AGC 10 fuse	Fuse panel (d)
Glove compartment lamp	AGC 25 fuse	Fuse panel (b)
Headlamps	CB	Light switch
Headlamps hi-beam indicator lamp	CB	Light switch
Heater blower motor	AGC 25 fuse	Fuse panel (g)
Heater controls lamp	AGC 4 fuse	Fuse panel (c)
Instrument cluster lamps	AGC 4 fuse	Fuse panel (c)
License plate lamp, rear	AGC 20 fuse	Fuse panel (b)
Luggage compartment lamp	AGC 20 fuse	Fuse panel (b)
Oil pressure indicator lamp	AGC 10 fuse	Fuse panel (d)
Brake indicator lamp	AGC 10 fuse	Fuse panel (d)
Parking lamps	20 amp fuse	Fuse panel
Power seats	30 amp CB	Firewall
Power windows	30 amp CB	Firewall
Radio and radio lamp	AGC 10 fuse	Fuse panel (e)
Side Marker lamp - Front	AGC 20 fuse	Fuse panel
Side Marker lamp - Rear	AGC 20 fuse	Fuse panel
Spot lamp --- Portable	AGC 15 fuse	In line
Tachometer	AGC 10 fuse	Fuse panel (d)
Tail, stop and turn lamps	AGC 20 fuse	Fuse panel (b)
Tailgate window motor	30 amp CB	Firewall
Temperature indicator lamp	AGC 10 fuse	Fuse panel (d)
Traffic hazard indicator	AGC 20 fuse	Fuse panel (b)
Underhood lamp	SAE 15 fuse	In line
Windshield wiper, two-speed	SAE 25 fuse	Fuse panel (f)
Seat belt warning lamp	AGC 10 fuse	Fuse panel

* Letter suffix indicates same circuit

POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS*			RING GEAR	
			STAND.	PERF.	TRAILER		
Turbo Thrift 250 250 Cubic Inch L-6 Standard	3-Speed (2.85:1 low)	All Models except Sta. Wag. & Pickups	3.08:1			8.125	
	Powerglide						
	3-Speed (2.85:1 low)	Station Wagons & Pickups	3.36:1				
	Powerglide						
Turbo Fire 307 307 Cubic Inch V-8 Standard	3-Speed (2.85:1 low)	All Models except Station Wagons & Pickups	3.08:1			8.125	
	Powerglide		2.73:1				3.08:1
	Turbo Hydra-matic						
	3-Speed (2.85:1 low)	Station Wagons & Pickups	3.36:1			8.125	
	Powerglide		3.08:1				
	Turbo Hydra-matic						
			3.31:1	8.875			
Turbo Fire 350 350 Cubic Inch V-8 RPO L65	3-Speed (2.54:1 low)	All Models	3.08:1			8.125	
	4-Speed (2.54:1 low)		3.36:1				
			2.73:1				
	Turbo Hydra-matic						
				3.31:1	8.875		
Turbo-Fire 350 350 Cubic Inch V-8 RPO L48	3-Speed (2.54:1 low)	All Models	3.31:1			8.875	
	4-Speed (2.54:1 low)		2.73:1				3.31:1
	Turbo Hydra-matic						
Turbo Jet 400 402 Cubic Inch V-8 RPO LS3	HD 3-Spd (2.42:1 low)	All Models	3.31:1			8.875	
	4-Speed (2.52:1 low)		2.73:1				3.31:1
	Turbo Hydra-matic						
Turbo Jet 454 454 Cubic Inch V-8 RPO LS5	HD 4-Spd (2.20:1 low)	Sport Coupe Convertible & Pickup	3.31:1			8.875	
	Turbo Hydra-matic						

*Positraction axles available optionally.

NOTE: TURBO-FIRE 307 AND TURBO-JET 400 AND 454 ENGINES ARE NOT AVAILABLE IN THE STATE OF CALIFORNIA. ANY SPECIFICATIONS THAT ARE SPECIFIC TO ENGINES RESTRICTED TO CALIFORNIA ARE INDICATED ACCORDINGLY.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
250 Cu. In. L-6 Standard	Single Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08
307 Cu. In. V-8 Standard	2-Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08
350 Cu. In. V-8 RPO L65	2-Barrel	3-Speed	7.82	4.62	3.08		8.10	3.08
		4-Speed	8.53	6.05	4.84	3.36	8.53	3.36
350 Cu. In. V-8 RPO L48	4-Barrel	3-Speed	8.41	4.97	3.31		8.71	3.31
		4-Speed	8.41	5.96	4.77	3.31	8.41	3.31
402 Cu. In. V-8 RPO LS3	4-Barrel	H.D. 3-Speed	8.01	5.23	3.31		7.98	3.31
		4-Speed	8.34	6.22	4.83	3.31	8.57	3.31
454 Cu. In. V-8 365 HP RPO LS5	4-Barrel	4-Speed	8.28	5.43	4.20	3.31	7.48	3.31

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
250 Cu. In. L-6 Standard	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
307 Cu. In. V-8 Standard	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
	Turbo Hydra-Matic	Drive	14.44:1 - 2.73:1	2.73:1
		Low	14.44:1 - 6.88:1	
		Second	14.44:1 - 4.15:1	
		Reverse	11.06:1 - 5.27:1	
350 Cu. In. V-8 RPO L65	Turbo Hydra-Matic	Drive	14.44:1 - 2.73:1	2.73:1
		Low	14.44:1 - 6.88:1	
		Second	14.44:1 - 4.15:1	
		Reverse	11.06:1 - 5.27:1	
350 Cu. In. V-8 RPO L48	Turbo Hydra-Matic	Drive	14.44:1 - 2.73:1	2.73:1
		Low	14.44:1 - 6.88:1	
		Second	14.44:1 - 4.15:1	
		Reverse	11.06:1 - 5.27:1	
402 Cu. In. V-8 RPO LS3	Turbo Hydra-Matic	Drive	14.22:1 - 2.73:1	2.73:1
		Low	14.22:1 - 6.77:1	
		Second	14.22:1 - 4.04:1	
		Reverse	11.93:1 - 5.68:1	
454 Cu. In. V-8 RPO LS5	Turbo Hydra-Matic	Drive	17.25:1 - 3.31:1	3.31:1
		Low	17.25:1 - 8.21:1	
		Second	17.25:1 - 4.90:1	
		Reverse	14.46:1 - 6.88:1	

* Axle ratio x transmission ratio

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type	L-6 OHV		V-8 OHV			
Piston Displacement (Cu.In.)	250	307	350	402	454	
Availability	Standard		L65	L48	LS3	LS5
Number of Cylinders	Six		Eight			
Bore (nominal)	3.875		4.00	4.126	4.251	
Stroke (nominal)	3.53	3.25	3.48	3.76	4.00	
Compression Ratio	8.5:1					
Taxable (SAE) Horsepower	36.0	48.0	51.2	54.5	57.8	
Firing Order	1-5-3-6-2-4		1-8-4-3-6-5-7-2			
Idling Speed	3-Speed & 4-Speed (in neutral)		700	900	800	
	Powerglide (in drive)		600			
	Turbo Hydra-Matic (in drive)			600		
Comp. Press. (PSI) @ Cranking Speed, Engine Hot	140		150	160		
Power Plant Mountings	Two, combination compression and shear type					
	One, shear type					
Measurements	Fan to rear of engine block		35.27	31.13	30.69	30.16
	Top of air cleaner to bottom of oil pan		27.44	29.49	29.29	26.79
	Width - including air cleaner		30.15	27.34	27.34	27.97
						30.00

ADVERTISED ENGINE RATING

Engine Designation	Turbo-Thrift 250 L-6	Turbo-Fire 307 V-8	Turbo-Fire 350 V-8	Turbo-Fire 350 V-8	Turbo-Jet 400 V-8	Turbo-Jet 454 V-8
Availability	Standard	Standard	RPO L65	RPO L48	RPO LS3	RPO LS5
Carburetor	Single Bbl.	Two Bbl.	Two Bbl.	Four Bbl.	Four Bbl.	Four Bbl.
Net Brake HP @ RPM	110 @ 3800	130 @ 4000	165 @ 4000	175 @ 4000	240 @ 4400	270 @ 4000
Net Torque @ RPM (lb-ft)	185 @ 1600	230 @ 2400	280 @ 2400	280 @ 2400	345 @ 3200	390 @ 3200

ENGINE SPEED AND PISTON TRAVEL

TURBO-THRIFT 250 L-6 ENGINE

Transmission		3-Speed	Powerglide
Rear Axle Ratio		3.08:1 (a)	
Tire Size		E78 x 14B (b)	
Crankshaft Revolutions per Mile		2479.4	
Crankshaft RPM @ 1 MPH	Low	117.8	75.2
	Second	69.4	
	Third	41.3	41.3 (direct)
	Reverse	121.9	75.2
Piston Travel (ft/mile)		1458.7	

(a) 3.36:1 on Station Wagons & Pickups

(b) G78 x 14B or D on Station Wagons

TURBO-FIRE 307 V-8 ENGINE

Transmission		3-Speed	Powerglide	Turbo Hydra-matic
Rear Axle Ratio		3.08:1 (a)	3.08:1 (a)	2.73:1 (b)
Tire Size		E78 x 14B (c)		
Crankshaft Revolutions per Mile		24 79.4		2197.6
Crankshaft RPM @ 1 MPH	Low	117.8	75.2	92.3
	Second	69.4		55.7
	Third	41.3	41.3 (direct)	36.6 (direct)
	Reverse	121.9	75.2	70.7
Piston Travel (ft/mile)		1343.0		1190.4

(a) 3.36:1 on Station Wagons & Sedan Pickups (b) 3.08:1 on Station Wagons & Sedan Pickups (c) G78 x 14B on Station Wagons

TURBO-FIRE 350 V-8 ENGINES (RPO L65 & L48)

Transmission		RPO L65			RPO L48		
		3-Speed	4-Speed	Trb/Hyd	3-Speed	4-Speed	Trb/Hyd
Rear Axle Ratio		3.08:1		2.56:1	3.31:1		2.73:1
Tire Size		E78 X 14B (a)					
Crankshaft Revolutions per Mile		2479.4		2197.6	2664.7		2197.6
Crankshaft RPM @ 1 MPH	Low	104.9	104.9	92.3	112.8	112.8	92.3
	Second	62.0	74.4	55.7	66.6	79.9	55.7
	Third	41.3	59.5	36.6	44.4	63.9	36.6 (direct)
	Fourth		41.3			44.4	
	Reverse	108.7	104.9	70.7	116.8	112.8	70.7
Piston Travel (ft/mile)		1438.0		1274.6	1546.6		1274.6

(a) G78 x 14B or D on Station Wagons; F78 x 14B on Sedan Pickups

TURBO-JET 400 V-8 ENGINE (402 Cu.in. RPO LS3)

Transmission		3-Speed	4-Speed	Trb/Hyd
Rear Axle Ratio		3.31:1		
Tire Size		F78 x 14B		
Crankshaft Revolutions per Mile		2604.97		2148.5
Crankshaft RPM @ 1 MPH	Low	105.1	109.4	88.8
	Second	68.6	81.6	53.0
	Third	43.4	63.4	35.8 (direct)
	Fourth		43.4	
	Reverse	104.6	112.4	74.5
Piston Travel (ft/mile)		1632.5		1346.4

(a) G78 x 14B or D on Station Wagons

TURBO-JET 454 V-8 ENGINE

Transmission		4-Speed	Turbo Hydra-Matic
Rear Axle Ratio		3.31:1	
Tire Size		F60 x 15B	
Crankshaft Revolutions per mile		2651.3	
Crankshaft RPM @ 1 MPH	Low	97.2	109.6
	Second	72.5	65.4
	Third	56.1	44.1 (direct)
	Fourth	44.2	
	Reverse	100.0	91.9
Piston Travel (ft/mile)		1767.5	

VEHICLE PERFORMANCE FACTORS

ENGINE	BASE 250 CU.IN. 110 HP	BASE 307 CU.IN. 130 HP	RPO L65 350 CU.IN. 165 HP	RPO L48 350 CU.IN. 175 HP	RPO LS3 402 CU.IN. 240 HP	RPO LS5 454 CU.IN. 270 HP
MODEL	13569	13669	13669	13669	13637	13637

3-SPEED TRANSMISSION

Performance Weight (pounds)	3937	4069	4089	4095	4303	
Pounds per Net Horsepower	35.79	31.30	24.78	23.36	17.93	
Pounds per Cu.In. Displacement	15.75	13.25	11.68	11.69	10.70	
Net HP per Cu.In. Displacement	.440	.423	.471	.500	.597	
Power Displacement (cu.ft./mile)	179.33	220.21	251.10	269.85	303.07	
Displacement Factor (cu.ft./ton mile)	91.12	107.95	123.09	132.28	140.90	

4-SPEED TRANSMISSION

Performance Weight (pounds)			4106	4132	4277	4279
Pounds per Net Horsepower			24.88	23.61	17.82	15.83
Pounds per Cu.In. Displacement			11.73	11.80	10.64	9.42
Net HP per Cu.In. Displacement			.471	.500	.597	.595
Power Displacement (cu.ft./mile)			251.10	269.85	303.07	
Displacement Factor (cu.ft./ton mile)			122.49	130.99	141.62	161.25

TURBO HYDRA-MATIC

Performance Weight (pounds)		4091	4111	4137	4318	4325
Pounds per Net Horsepower		31.47	24.92	23.64	17.99	16.02
Pounds per Cu.In. Displacement		13.33	11.75	11.82	10.74	9.53
Net HP per Cu.In. Displacement		.423	.471	.500	.597	.595
Power Displacement (cu.ft./mile)		195.16	222.56	222.56	249.91	348.29
Displacement Factor (cu.ft./ton mile)		95.20	108.57	107.52	115.70	162.75

POWERGLIDE

Performance Weight (pounds)	3932	4066				
Pounds per Net Horsepower	35.74	31.28				
Pounds per Cu.In. Displacement	15.73	13.24				
Net HP per Cu.In. Displacement	.440	.423				
Power Displacement (cu.ft./mile)	179.33	220.21				
Displacement Factor (cu.ft./ton mile)	91.21	108.48				

GLOSSARY

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

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore Diameter	
L6-250 Cu.In.	3.8745-3.8775
V8-307 Cu.In.	3.8745-3.8775
V8-350 Cu.In.	3.9995-4.0025
V8-402 Cu.In.	4.1246-4.1274
V8-454 Cu.In.	4.2496-4.2524
Bearing Caps (Number, material & attachment)	
L6-250 Cu.In.	7, cast iron, 2-bolt
V8-307 & 350 Cu.In.	5, cast iron, 2-bolt
V8-402 Cu.In.	5, cast iron, 2-bolt
V8-454 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
V8-307 & 350 Cu.In.	4.4
V8-402 & 454 Cu.In.	4.84

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
L6-250 Cu.In.	10; 500 dia. 13 threads/in.
V8-307 & 350 Cu.In.	34; .4375 dia. 14 threads/in.
V8-402 & 454 Cu.In.	32; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)	
L6-250 Cu.In.	5.93 Cu.In.
V8-307 Cu.In.	5.32 Cu.In.
V8-350 Cu.In.	6.08 Cu.In.
V8-402 Cu.In.	6.91 Cu.In.
V8-454 Cu.In.	7.79 Cu.In.

INLET MANIFOLD

Material	Cast alloy iron
Type	
L6 engine	3 port, rectangular section
V8 engines	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
L6-250 Cu.In.	4 port, center downtake
V8-307 & 350 Cu.In.	Dual, 4 port, rear downtake
V8-402 & 454 Cu.In.	Dual, 4 port, rear downtake
Outlet Diameter	
L6-250, V8-307 & 350 Cu.In.	2.0
V8-402 & 454 Cu.In.	2.5

CRANKSHAFT

Material	
L6-250 Cu.In.	Cast nodular iron
V8-307 & 350 Cu.In.	Cast nodular iron
V8-402 Cu.In.	Cast nodular iron
V8-454 Cu.In.	Forged steel
End Play	
L6-250 Cu.In.	.002-.006
V8-307 & 350 Cu.In.	.002-.006
V8-402 & 454 Cu.In.	.006-.010
Counter Weights	
L6-250 Cu.In.	12
V8-307, 350, 402 & 454 Cu.In.	6
Crank Arm Length	
L6-250 Cu.In.	1.765
V8-307 Cu.In.	1.625
V8-350 Cu.In.	1.74
V8-402 Cu.In.	1.88
V8-454 Cu.In.	2.00
Torsional Damper	Rubber mounted inertia
Timing Gear	
L6	Steel; helical cut
V8	Steel; sprocket & chain
Pulley Pitch Diameter	6.64

MAIN BEARINGS

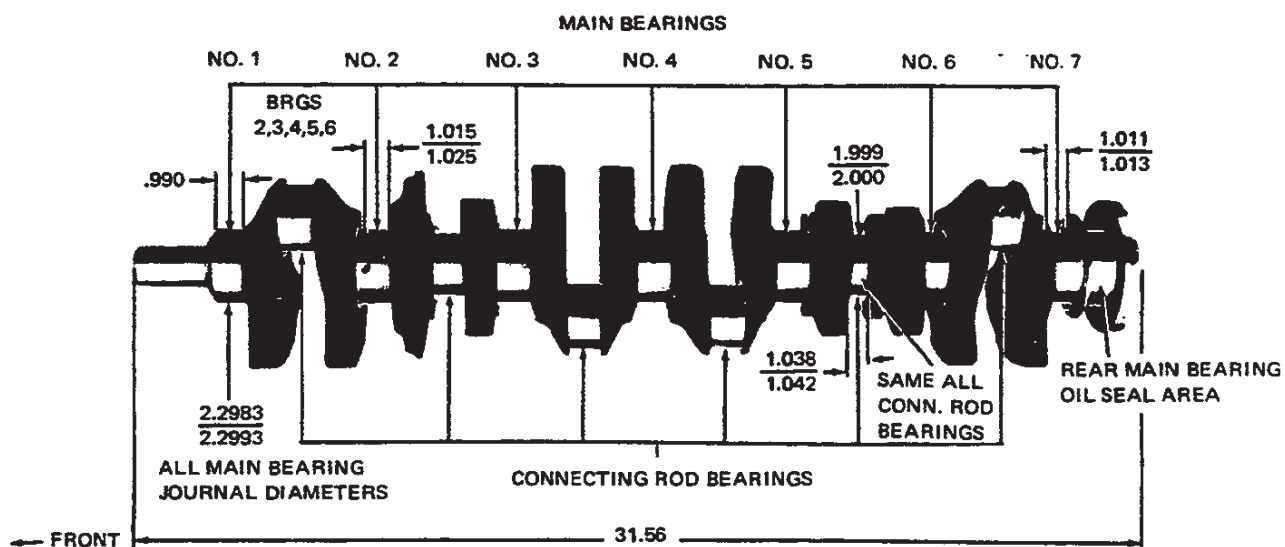
Material	Steel backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
Type	Precision removable
Thrust Against Bearing No.	L6-No. 7; V8-No. 5
Clearance	
L6-250 Cu.In.	.0003-.0029
V8-307 & 350 Cu.In.	(No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033
V8-402 & 454 Cu.In.	(No. 1) .0007-.0019 (No. 2-3-4) .0013-.0025; (No. 5) .0019-.0035

Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area
L6-250 Cu.In.			
Bearing No. 1-6	2.3004	.752	1.7299
Bearing No. 7	2.3004	.760	1.7483
V8-307 & 350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.177	2.8846
V8-402 Cu.In.			
Bearing No. 1-4	2.7504	.962	2.6459
Bearing No. 5	2.7505	1.256	3.4550
V8-454 Cu.In.			
Bearing No. 1	2.7492	.992	2.7272
Bearing No. 2-4	2.7504	.992	2.7284
Bearing No. 5	2.7499	1.256	3.4528

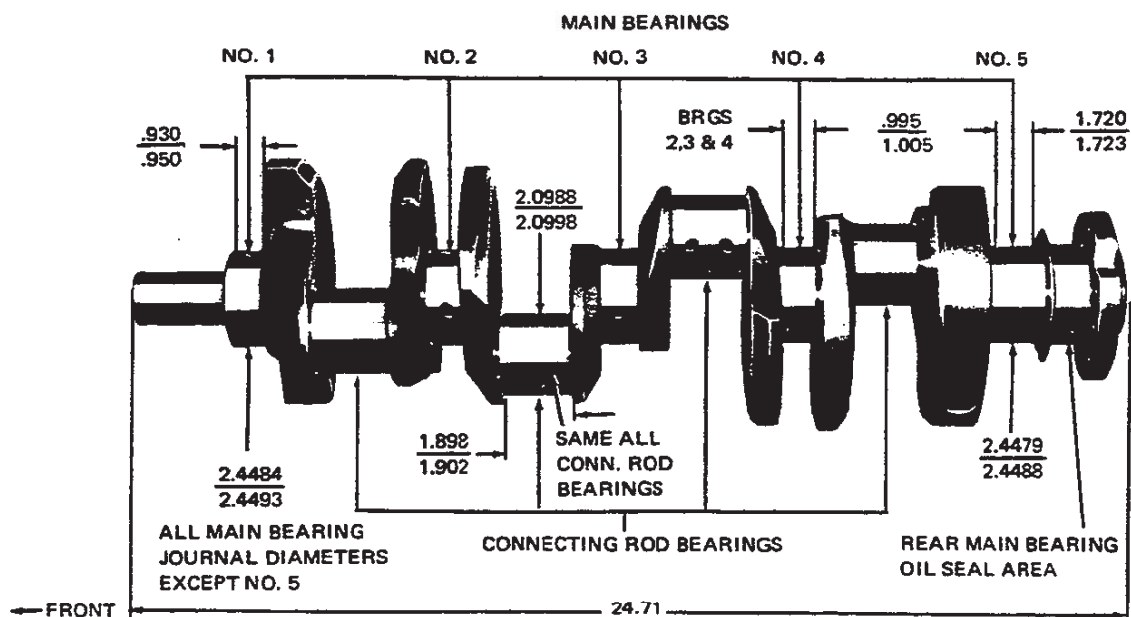
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



307 and 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

CAMSHAFT

Material	Cast alloy iron
Drive	
L6	Gear; bakelite and fabric composition
V8	Sprocket & chain; steel
Lobe Lift	
L6-250 Cu.In.	.2217 Inlet & Exhaust
L6-250 Cu.In. (California)	.2217 Inlet; .2314 Exhaust
V8-307 & 350 Cu.In.	.2600 Inlet; .2733 Exhaust
V8-350 Cu.In. (California)	.2671 Inlet; .2733 Exhaust
V8-402 Cu.In.	.2343 Inlet; .2529 Exhaust
V8-454 Cu.In.	.2714 Inlet; .2824 Exhaust
Camshaft Bearing	Steel backed babbitt

VALVE TRAIN

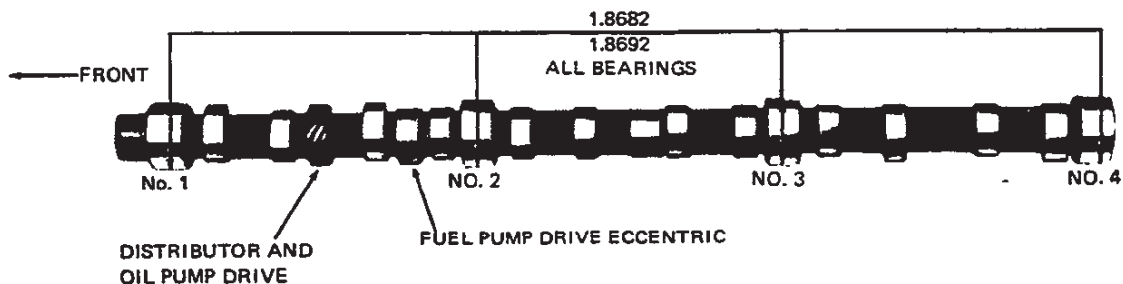
Type	Individually mounted, overhead rocker arms, push rod actuated
Rocker Arms	Stamped steel
Ratio	
L6-250 Cu.In.	1.75:1
V8-307 & 350 Cu.In.	1.50:1
V8-402 & 454 Cu.In.	1.70:1
Push Rods	
Type	Hollow steel
Ends	
L6, V8-307 & 350 Cu.In.	Hardened
V8-402 & 454 Cu.In.	Hardened steel inserts
Rotators (V8-307, 350 & 402)	Exhaust

VALVE SPRINGS

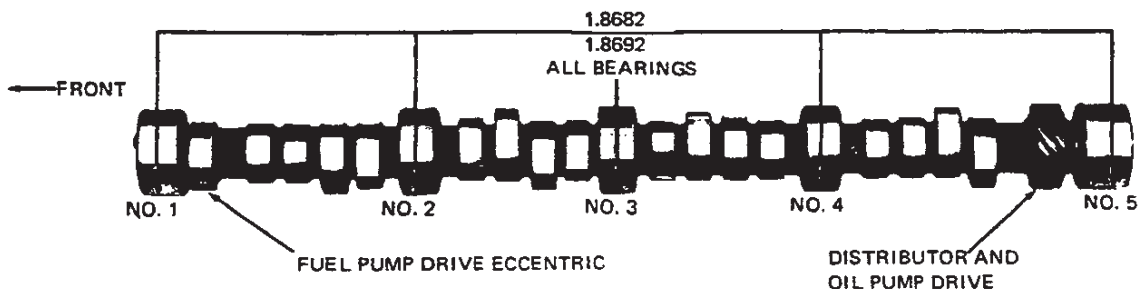
Diameter	
L6-250 Cu.In.	.872-.888
V8-307 & 350 Cu.In.	.868-.884
V8-402 Cu.In.	1.082-1.098
V8-454 Cu.In.	1.084-1.094
Installed Length (lb. @ in.)	
Valves closed	
L6-250 Cu.In.	56-64 @ 1.66
V8-307 & 350 Cu.In.	76-84 @ 1.68
V8-402 Cu.In.	84-96 @ 1.88
V8-454 Cu.In.	
Outer spring	69-81 @ 1.88
Inner spring	26-34 @ 1.78
Valves opened	
L6-250 Cu.In.	180-192 @ 1.27
V8-307 & 350 Cu.In.	194-206 @ 1.17
V8-402 Cu.In.	205-225 @ 1.48
V8-454 Cu.In.	
Outer spring	228-252 @ 1.38
Inner spring	81-99 @ 1.28
Free Length	
L6-250 Cu.In.	1.90
V8-307 & 350 Cu.In.	2.03
V8-402 Cu.In.	2.12
V8-454 Cu.In.	
Outer spring	2.12
Inner spring	2.06
Valve Spring Damper	
L6-250 Cu.In.	None
V8-307, 350 & 400 Cu.In.	Flat steel, 4 coils

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



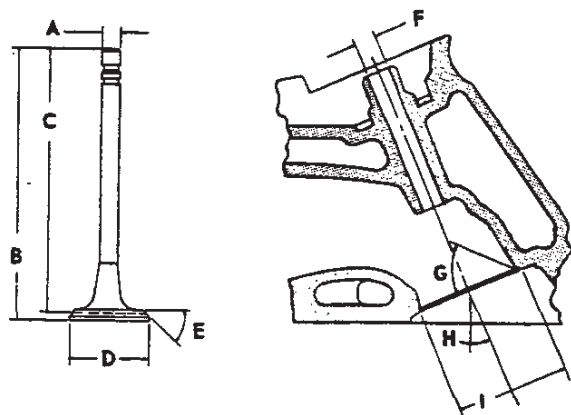
307 and 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

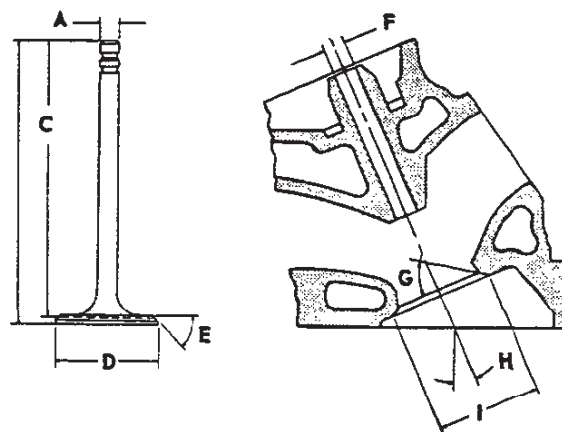
Material	Alloy steel
Coating	
L6-250 Cu. In.	Aluminized face
V8-307 & 350 Cu. In.	None
V8-402 & 454 Cu. In.	Face and head aluminized
Valve Guide Inserts (V8-402 & 454)	Cast alloy iron



A - Stem Diameter	
L6-250 Cu. In.	.3410-.3417
V8-307 & 350 Cu. In.	.3410-.3417
V8-402 & 454 Cu. In.	.3715-.3722
B - Overall Length	
L6-250 Cu. In.	4.902-4.922
V8-307 Cu. In.	4.902-4.922
V8-350 Cu. In.	4.870-4.889
V8-402 & 454 Cu. In.	5.215-5.235
C - Gage Length	
L6-250 Cu. In.	4.785-4.795
V8-307 & 350 Cu. In.	4.785-4.795
V8-402 & 454 Cu. In.	5.115-5.125
D - Overall Head Diameter	
L6-250 Cu. In.	1.715-1.725
V8-307 Cu. In.	1.715-1.725
V8-350 Cu. In.	1.935-1.945
V8-402 Cu. In.	2.060-2.070
V8-454 Cu. In.	2.060-2.070
E - Angle of Face	45°
F - Guide Diameter	
L6-250 Cu. In.	.3427-.3437
V8-307 & 350 Cu. In.	.3427-.3437
V8-402 & 454 Cu. In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu. In.	9°
V8-307 & 350 Cu. In.	23°
V8-402 & 454 Cu. In.	4°
I - Valve Seat (cutter) Diameter	
L6-250 & V8-307 Cu. In.	1.770-1.790
V8-350 Cu. In.	1.990-2.010
V8-402 & 454 Cu. In.	2.150

EXHAUST VALVES

Material	High alloy steel
Coating	
L6-250 Cu. In.	Aluminized face
V8-307 & 350 Cu. In.	Aluminized face
V8-402 & 454 Cu. In.	Face and head aluminized
Valve Guide Inserts (V8-402 & 454)	Cast alloy iron



A - Stem Diameter	
L6-250 Cu. In.	.3410-.3417
V8-307 & 350 Cu. In.	.3410-.3417
V8-402 & 454 Cu. In.	.3713-.3720
B - Overall Length	
L6-250 Cu. In.	4.913-4.933
V8-307 & 350 Cu. In.	4.913-4.933
V8-402 Cu. In.	5.345-5.365
V8-454 Cu. In.	5.345-5.365
C - Gage Length	
L6-250 Cu. In.	4.781-4.791
V8-307 & 350 Cu. In.	4.781-4.791
V8-402 & 454 Cu. In.	5.235-5.245
D - Overall Head Diameter	
L6-250 Cu. In.	1.495-1.505
V8-307 & 350 Cu. In.	1.495-1.505
V8-402 Cu. In.	1.715-1.725
V8-454 Cu. In.	1.715-1.725
E - Angle of Face	45°
F - Guide Diameter	
L6-250 Cu. In.	.3427-.3437
V8-307 & 350 Cu. In.	.3427-.3437
V8-402 & 454 Cu. In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu. In.	9°
V8-307 & 350 Cu. In.	23°
V8-402 & 454 Cu. In.	4°
I - Valve Seat (cutter) Diameter	
L6-250 Cu. In.	1.550-1.570
V8-307 & 350 Cu. In.	1.550-1.570
V8-402 Cu. In.	1.625
V8-454 Cu. In.	1.625

PRINCIPAL COMPONENTS

VALVE LIFT

L6-250 Cu. In.	.3880 Inlet & Exhaust
L6-250 Cu. In. (California)	.3880 Inlet; .4051 Exhaust
V8-307 & 350 Cu. In.	.3900 Inlet; .4100 Exhaust
V8-350 Cu. In. (California)	.4006 Inlet; .4100 Exhaust
V8-402 Cu. In.	.3983 Inlet; .4300 Exhaust
V8-454 Cu. In.	.4614 Inlet; .4800 Exhaust

VALVE TIMING (Crankshaft Degrees)

L6-250 Cu. In.	Excluding Ramps	
	Standard	California
Inlet Valve (Zero lash)		
Opens - BTC 16	16°	16°
Closes - ABC	48°	48°
Duration	244°	244°
Exhaust Valve (Zero lash)		
Opens - BBC	46°30'	64°
Closes - ATC	17°30'	50°
Duration	244°	294°
		Excluding Ramps
V8-307 Cu. In.		
Inlet Valve (Zero lash)		
Opens - BTC		28°
Closes - ABC		72°
Duration		280°
Exhaust Valve (Zero lash)		
Opens - BBC		78°
Closes - ATC		30°
Duration		288°
V8-350 Cu. In.	Excluding Ramps	
	Standard	California
Inlet Valve		
Opens - BTC	28°	44°
Closes - ABC	72°	96°
Duration	280°	320°
Exhaust Valve		
Opens - BBC	78°	88°
Closes - ATC	30°	66°
Duration	288°	334°
		Excluding Ramps
V8-402 Cu. In.		
Inlet Valve (Zero lash)		
Opens - BTC		30°
Closes - ABC		70°
Duration		280°
Exhaust Valve (Zero lash)		
Opens - BBC		77°
Closes - ATC		61°
Duration		318°
		Excluding Ramps
V8-454 Cu. In.		
Inlet Valve (Zero lash)		
Opens - BTC		56°
Closes - ABC		114°
Duration		350°
Exhaust Valve (Zero lash)		
Opens - BBC		110°
Closes - ATC		62°
Duration		352°

PISTONS

Material Cast aluminum alloy

Head Type

L6-250 Cu. In.	Sump
V8-307 Cu. In.	Flat, notched
V8-350 Cu. In.	Sump
V8-402 Cu. In.	Domed head, valve cutout
V8-454 Cu. In.	Flathead, valve cutout

Skirt Type

Top Land Clearance

L6-250 Cu. In.	.0245-.0335
V8-307 & 350 Cu. In.	.0235-.0325
V8-402 Cu. In.	.0310-.0370
V8-454 Cu. In.	.0350-.0410

Skirt Clearance

L6-250 Cu. In.	.0005-.0011
V8-307 Cu. In.	.0005-.0015
V8-350 Cu. In.	.0007-.0017
V8-402 Cu. In.	.0018-.0028
V8-454 Cu. In.	.0350-.0410

Compression Ring Groove Depth

L6-250 Cu. In.	.2153-.2218
V8-307 Cu. In.	.2113-.2178
V8-350 Cu. In.	.2218-.2284
V8-402 Cu. In.	.2328-.2392
V8-454 Cu. In.	.2348-.2412

Oil Ring Groove Depth

L6-250 Cu. In.	.2093-.2158
V8-307 Cu. In.	.2053-.2118
V8-350 Cu. In.	.2038-.2103
V8-402 Cu. In.	.2183-.2247
V8-454 Cu. In.	.2183-.2247

Pin Bore Offset

Compression Height

L6-250 Cu. In.	1.658-1.662
V8-307 Cu. In.	1.673-1.677
V8-350 Cu. In.	1.558-1.562
V8-402 Cu. In.	1.877-1.881
V8-454 Cu. In.	1.691-1.699

PISTON PINS

Material Chromium steel

Length

L6-250, V8-307 & 350 Cu. In.	2.990-3.010
V8-402 & 454 Cu. In.	2.930-2.950

Diameter

L6-250, V8-307 & 350 Cu. In.	.9270-.9273
V8-402 & 454 Cu. In.	.9895-.9898

Clearance in Piston

L6-250, V8-307 & 350 Cu. In.	.00015-.00025
V8-402 Cu. In.	.00025-.00035
V8-454 Cu. In.	.00030-.00040

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
L6-250 Cu.In.	Molybdenum inlay
V8-307 & 350 Cu.In.	Chrome plate face
V8-402 & 454 Cu.In.	Molybdenum inlay
Width	
L6-250 Cu.In.	.0775-.0780
V8-307 & 350 Cu.In.	.0775-.0780
V8-402 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-307 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
V8-402 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212

COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 & V8-350; 50 degrees for V8-402; 28-52 degrees for V8-454)
Face	Tapered
Coating	
L6-250 Cu.In.	Wear resistant
V8-307, 350 & 454 Cu.In.	Wear resistant
V8-402 Cu.In.	Chrome plated
Width	
L6-250 Cu.In.	.0770-.0780
V8-307 Cu.In.	.0770-.0780
V8-350 Cu.In.	.0770-.0775
V8-402 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-307 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
V8-402 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212
Gap	
L6-250 Cu.In.	.010-.020
V8-307 Cu.In.	.010-.020
V8-350 Cu.In.	.013-.025
V8-402 & 454 Cu.In.	.010-.020

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
L6-250 Cu.In.	.1870-.1890
V8-307 & 350 Cu.In.	.1870-.1890
V8-402 & 454 Cu.In.	.1870-.1890
Wall Thickness	
L6-250 Cu.In.	.152-.158
V8-307 & 350 Cu.In.	.150-.156
V8-402 & 454 Cu.In.	.137-.143
Gap	
L6-250 Cu.In.	.015-.055
V8-307 & 350 Cu.In.	.015-.055
V8-402 & 454 Cu.In.	.010-.030
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
L6-250 Cu.In.	5.695-5.705
V8-307 & 350 Cu.In.	5.695-5.705
V8-402 & 454 Cu.In.	6.130-6.140

CONNECTING ROD BEARINGS

Material	
L6-250 & V8-307 Cu.In.	Copper lead alloy or sintered copper nickel backed babbitt on steel
V8-350 Cu.In.	Premium aluminum
V8-402 & 454 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-250 Cu.In.	.0007-.0027
V8-307 & 350 Cu.In.	.0013-.0035
V8-402 & 454 Cu.In.	.0009-.0029
Theoretical I.D.	
L6-250 Cu.In.	2.0017
V8-307 & 350 Cu.In.	2.1019
V8-402 & 454 Cu.In.	2.2012
Effective Length	
L6-250 Cu.In.	.807
V8-307 & 350 Cu.In.	.797
V8-402 & 454 Cu.In.	.847
End Play	
L6-250 Cu.In.	.009-.014
V8-307 & 350 Cu.In.	.008-.014
V8-402 & 454 Cu.In.	.015-.023

FUEL TANK

Capacity (Gal)	
All models except S/Wags.	19 (approximately)
Station Wagons	18 (approximately)
Fuel Tank Location	Behind rear axle
Filler Location	
Station Wagons & El Camino	Left rear quarter panel
Remaining Models	Behind hinged rear license plate

FUEL FILTERS, DUAL

In Fuel Tank	Mesh strainer
In Carburetor Inlet	Paper (sintered bronze V8-307)

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
V8-307 Cu.In.	5.50-7.50 PSI at pump outlet
V8-350 Cu.In.	7.50-9.00 PSI at pump outlet
V8-400 & 454 Cu.In.	7.50-9.00 PSI at pump outlet

AIR CLEANER

Type	
L6-250 Cu.In.	Single air horn
V8-350 & 402 Cu.In.	Single air horn
V8-454 Cu.In.	Dual air horns, chrome cover
Diameter	
L6-250 Cu.In.	12.62
V8-307 Cu.In.	12.62
V8-350 Cu.In.	15.48
V8-402 Cu.In.	15.48
V8-454 Cu.In.	15.48
Filter Element	Oil-wetted paper

CARBURETORS

Make and Type

L6-250 Cu.In.	Rochester, 1-barrel, Monojet
V8-307 Cu.In.	Rochester, 2-bbl., downdraft
V8-350 (L65) Cu.In.	Rochester, 2-bbl., downdraft
V8-350 (L48) Cu.In.	Rochester, 4-bbl., Quadrajet
V8-402 & 454 Cu.In.	Rochester, 4-bbl., Quadrajet

SAE Flange Type

L6-250 Cu.In.	1.50
V8-307 Cu.In.	1.25
V8-350 Cu.In.	1.50
V8-402 & 454 Cu.In.	1.50

Throttle Bore

L6-250 Cu.In.	1.69
V8-307 Cu.In.	1.44
V8-350 (L65) Cu.In.	1.69
V8-350 (L48) Cu.In.	

Primary	1.38
Secondary	2.25

V8-402 & 454 Cu.In.

Primary	1.38
Secondary	2.25

Secondary Throttle Actuation

By linkage approximately when primary valves are opened halfway between closed and open

Venturi Diameter

L6-250 Cu.In.	1.31
V8-307 Cu.In.	1.09
V8-350 (L65) Cu.In.	1.09
V8-350 (L48) Cu.In.	

Primary	1.09
Secondary	Air valve

V8-402 & 454 Cu.In.

Primary	1.09
Secondary	Air valve

CHOKE

Type	Automatic
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EVAPORATION CONTROL SYSTEM

Operation	System is designed to minimize the escape of fuel vapors to the atmosphere
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EXHAUST AND VENTILATION SYSTEM

TYPE

L6-250 Cu.In.	Single
V8-307 & 350 Cu.In.	Single
	with crossover pipes
V8-402 & 454 Cu.In.	Dual
	with resonators

MUFFLERS

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

Head

L6-250 Cu.In.	.048 sheet steel, aluminized
V8-307 Cu.In.	.048 sheet steel, aluminized
V8-350 Cu.In.	.054 sheet steel, aluminized
V8-402 & 454 Cu.In.	
Left hand	.054 sheet steel, aluminized
Right hand	.060 stainless steel

Shell

L6-250 Cu.In.	.036 sheet steel, zinc coated
V8-307 Cu.In.	.036 sheet steel, zinc coated
V8-350 Cu.In.	.036 sheet steel, zinc coated
V8-402 & 454 Cu.In.	
Left hand	.036 sheet steel, zinc coated
Right hand	.036 stainless steel

Wrap	.030 indented asbestos sheet
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Cover	.018 sheet steel, aluminized
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Baffles

L6-250 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated
V8-307 & 350 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated
V8-402 & 454 Cu.In.	
Left hand	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated
Right hand	
No. 1, 2, 3 & 4	.036 stainless steel

Length, Body

L6-250 Cu.In.	21.62
V8-307, 350, 402 & 454 Cu.In.	21.25
Width (I.D.)	9.25
Height (I.D.)	5.00

EXHAUST CROSSOVER PIPE (V8-307 & 350 Cu.In.)

Dimensions (O.D.)	2.00
Wall Thickness	.072-.092 laminated

EXHAUST PIPE

Dimensions (O.D.)

L6-250 Cu.In.	2.00
V8-307 Cu.In.	2.00
V8-350 Cu.In.	2.50
V8-402 & 454 Cu.In.	2.50

Wall Thickness

L6-250 Cu.In.	.057-.071
V8-307 Cu.In.	.072-.092 laminated
V8-350 Cu.In.	.072-.092 laminated
V8-402 & 454 Cu.In.	.072-.092 laminated

RESONATORS (V8-402 & 454 Cu.In. only)

Type	Straight through
Cover	.042
Heads	.048

TAIL PIPES

Dimensions (O.D.)

L6-250 Cu.In.	1.875
V8-307 & 350 Cu.In.	1.875
V8-402 & 454 Cu.In.	2.00
Wall Thickness	.062-.076

EXHAUST EMISSION CONTROLS

Engine Ventilation Closed positive; utilizes manifold vacuum to draw off engine crankcase vapors through a metered PCV valve and ultimately to the intake system for engine reburn

Controlled Combustion System Increases combustion efficiency through leaner carburetor adjustments and revises distributor calibration

Combination Emission Control Valve Controls vacuum supply to the distributor vacuum spark advance and positions the carburetor throttle blade during vehicle deceleration.

Air Injection Reactor (Used on V8-402 & 454 Cu. In. and also on engines used in California) Air pump injects air into exhaust manifold which burns unburned portion of exhaust fumes.

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6	Main and conn. rod bearing throw off
V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6	Nozzle sprayed
V8	Centrifugally oiled from camshaft bearing

Oil Pressure Sending Unit

Type	Electric
Actuation	Opens or closes circuit @ 2 to 6 PSI

Oil Filler

Cap	Positive seal
Location	
L6-250 Cu.In.	Forward end of rocker cover
V8-307 & 350 Cu.In.	Rearward of left rocker cover
V8-402 & 454 Cu.In.	Top center of right 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	20W,10W-30,10W-40,20W-40
0° F to 60° F	10W,5W-30,10W-30,10W-40
Below 20° F	5W,5W-20,5W-30

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
Oil Pressure	
L6-250 Cu.In.	40 PSI @ 2000 RPM
V8-307 & 350 Cu.In.	40 PSI @ 2000 RPM
V8-402 & 454 Cu.In.	40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-307 & 350 Cu.In.	4.3 @ 2000
V8-402 & 454 Cu.In.	6.0 @ 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

L6-250 Cu.In.	Right side, rear of engine block
V8-307 & 350 Cu.In.	Left side, rear of engine block
V8-402 & 454 Cu.In.	Right side, center direct to oil pan

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

COOLING SYSTEM

GENERAL

Type	Liquid, pressurized
Capacity with Heater (Standard Equipment)	
L6-250 Cu.In.	12 qts.
V8-307 Cu.In.	15 qts.
V8-350 Cu.In.	16 qts.
V8-402 Cu.In.	23 qts.
V8-454 Cu.In.	22 qts.

RADIATOR

Make and Type	Harrison, tube and center
Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	.28 Syn., .25 Auto.
V8-307 Cu.In.	.18 Syn., .16 Auto.
V8-350 Cu.In. (L65)	.25 Syn., .22 Auto.
V8-350 Cu.In. (L48)	.22 Syn., .22 Auto.
V8-402 Cu.In.	.16 Syn., .16 Auto.
V8-454 Cu.In.	.22 Syn. & Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.26
V8-307, 350 & 402 Cu.In.	1.26
V8-454 Cu.In.	1.98
Frontal area (sq.in.)	
L6-250 & V8-307 Cu.In.	353
V8-350, 402 & 454 Cu.In.	480

RADIATOR HEAVY DUTY (RPO V01)

Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	.16 Syn., .16 Auto.
V8-307 Cu.In.	.16 Syn., .16 Auto.
V8-350 (L65) Cu.In.	.22 Syn., .16 Auto.
V8-350 (L48) Cu.In.	.20 Syn., .16 Auto.
V8-402 & 454 Cu.In.	.16 Syn., .16 Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.26 Syn., 1.26 Auto.
V8-307 Cu.In.	1.26 Syn., 1.26 Auto.
V8-350 Cu.In.	1.26 Syn., 1.98 Auto.
V8-402 & 454 Cu.In.	2.70 Syn. & Auto.
Frontal area (sq.in.)	
L6-250 Cu.In.	353
V8-307 & 350 Cu.In.	480
V8-402 & 454 Cu.In.	480

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

Type	Pellet
Begins to open at	192°-198°
Fully opened at	227°
Thermostat By-Pass Hose	
V8-402 & 454 Cu.In.	.745 ID

RADIATOR HOSE

Outlet, lower (radiator to water pump)	
L6-250 Cu.In.	1.75 ID
V8-307 & 350 Cu.In.	1.75 ID
V8-402 & 454 Cu.In.	1.88 ID
Inlet, upper (thermostat hsg. to radiator)	
L6-250 Cu.In.	1.50 ID
V8-307 & 350 Cu.In.	1.50 ID
V8-402 & 454 Cu.In.	1.50 ID

FAN

Number of Blades	4, staggered
Diameter	
L6-250 Cu.In.	17.62
V8-307 & 350 Cu.In.	19.00
V8-402 & 454 Cu.In.	18.00
Fan pulley pitch diameter	7.00

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number used	One
Angle of "V"	38°-42°
Pitch line	
L6-250 Cu.In.	37.30
V8-307 Cu.In.	44.25
V8-350 Cu.In.	44.25
V8-402 Cu.In.	45.75
V8-454 Cu.In.	45.75
Width	.380

WATER PUMP

Type	Centrifugal
Capacity	
L6-250 Cu.In.	24 GPM @ 2000 engine RPM
V8-307 Cu.In.	25 GPM @ 2000 engine RPM
V8-350 Cu.In.	25 GPM @ 2000 engine RPM
V8-402 Cu.In.	23 GPM @ 2000 engine RPM
V8-454 Cu.In.	23 GPM @ 2000 engine RPM
Bearing	Permanently lubricated double row ball
Drive	Fan belt
Ratio (Pump to Engine RPM)	.949:1

DRAIN LOCATIONS AND TYPE

Radiator-Plug	Left side rear
Engine Block - Plug	
L6-250 Cu.In.	Left side rear
V8-307 & 350 Cu.In.	Right and left center
V8-402 & 454 Cu.In.	Left side-rear of block
	Right side - center of block

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating	12
Cranking Power @ 0° F	
L6-250 Cu.In.	2300 watts
V8-307 Cu.In.	2900 watts
V8-350 & 402 Cu.In.	2900 watts
V8-454 Cu.In.	3750 watts
Heavy Duty (RPO T60)	3750 watts
Capacity (SAE) @ 20 hr. rate	
L6-250 Cu.In.	45 amp. hr.
V8-307 Cu.In.	61 amp. hr.
V8-350 & 402 Cu.In.	61 amp. hr.
V8-454 Cu.In.	80 amp. hr.
Heavy Duty	80 amp. hr.
Total Number of Plates	
L6-250 Cu.In.	54
V8-307 Cu.In.	66
V8-350 & 402 Cu.In.	66
V8-454 Cu.In.	90
Heavy Duty	90
Number of Cells	6
Terminal Grounded	Negative
Location	Engine compartment, right side front

GENERATOR

Type	Diode rectified
Rating	
Amps	37
Volts	12-15
Drive	By fan belt
Pulley Pitch Diameter	2.70
Ratio (Gen. to Engine Speed)	2.53:1

REGULATOR

Type	Two unit, vibrator
Voltage Regulator	
Voltage	13.8-14.8 @ 85 degrees F
Field Relay (Combination Light and Field Relay)	
Closing Voltage	1-3 volts @ 80 degrees F
Location	Engine compartment; left side front

IGNITION SYSTEM

DISTRIBUTORS Refer to chart below

COIL

Type	12-Volt
Amperes Drawn	
Engine Stopped	4.0
Engine Idling	1.8

SPARK PLUGS

Type	
L6-250 Cu.In.	ACR46T
V8-307 & 350 Cu.In.	ACR44T
V8-402 Cu.In.	ACR44T
V8-454 Cu.In.	ACR44T
Thread Size (mm)	14
Gap	.038-.038
Torque	25 lb. ft.

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

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View)	Clockwise
Test Conditions	Engine at operating temp.
No Load Test	

Amps

L6-250 Cu.In.	49-87
V8-307 Cu.In.	49-87
V8-350 Cu.In.	70-99
V8-402 & 454 Cu.In.	70-99

Volts

	10.6
--	------

RPM

L6-250 Cu.In.	6200-10700
V8-307 Cu.In.	6200-10700
V8-350 Cu.In.	7800-12000
V8-402 & 454 Cu.In.	7800-12000

Motor Drive

Engagement	Solenoid
Pinion Tooth No.	9
Flywheel Tooth No. -- 153; V8-402 & 454	168
Mounting	Bolted to cylinder block flange

DISTRIBUTORS	Transmission	250 Cu.In.	307 Cu.In.	350 Cu.In.		402 Cu.In.	454 Cu.In.
		Standard	Standard	RPO L65	RPO L48	RPO LS3	RPO LS5
Model	Manual	1110489	1112005	1112005	1112044	1112057	1112052
	Automatic	1110489	1112039	1112005	1112045	1112057	1112052
Type		Single Breaker					
Cam angle		31°-34°		29°-31°		28°-30°	
Breaker gap		.019 (new)					
Breaker arm tension		19-23 oz.				28-32 oz.	
Centrifugal advance begins @ RPM	Manual	1270	1000	1000	1160	1260	1143
	Automatic	1270	1320	1000	1335	1260	1143
Maximum degrees @ RPM	Manual	24 @ 4100	24 @ 4300	24 @ 4300	22 @ 4200	30 @ 4400	22 @ 3900
	Automatic	24 @ 4100	20 @ 4200	24 @ 4300	18 @ 4200	30 @ 4400	22 @ 3900
Vacuum advance begins @ In. Hg.	Manual	8.00	8.00	8.00	8.00	8.00	8.00
	Automatic	8.00	8.00	8.00	7.00	8.00	8.00
Max. deg. @ In. Hg.	Man. & Auto.	22 @ 16	20 @ 17	15 @ 15.5	20 @ 17		
Timing (initial design setting) Crankshaft degrees @ RPM	Manual	4°BTC @ 700	4°BTC @ 900	6°BTC @ 900	2°BTC @ 800*	8°BTC @ 600	
with vacuum line	Automatic	4°BTC @ 600	4°BTC @ 600	6°BTC @ 600	8°BTC @ 600	8°BTC @ 600	
Timing mark location		Torsional damper					

*--4°BTC for California

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type-Cubic Inch	L6-250		V8-307	V8-350		V8-402	V8-454	
	Availability				RPO L65	RPO L48	RPO LS3	RPO LS5	
Clutch for		3-Speed			Single dry disc, centrifugal				
Clutch	Eff. plate load, lbs.	1650-1850	1900-2100	2100-2300			2450-2750		
Cover & pressure plate	Press. plate mat.	Cast iron			Nodular Iron				
	Clutch spring type	Diaphragm			Diaphragm, bent finger design				
	Clutch spring matl.	Heat treated spring steel							
	Type	Single disc with two friction surfaces							
Driven plate	Cushions	Flat spring steel between friction rings							
	Dampers	(a)	(b)			10 coil springs (5 sets of two)			
	Friction rings	OD	9.12	10.34			11.00		
		ID	6.12	6.50			6.50		
		Total area sq. in.	71.82	101.54			123.70		
		Material	Woven type asbestos						
	Flywheel	Material	Cast iron						
Flywheel & Ring Gear	Ring gear	Material	Heat treated HR steel						
		No. of teeth	153			168			
		PD	12.75			14.00			
		Attachment	Shrink fit						
Bearings	Release	Type	Single row ball						
		Lubrication	None, prepacked						
	Pilot	Type	Bronze bushing						
		Lubrication	None, sintered and oil impregnated						
Controls	Clutch fork	Drop forged steel, pivot mounted on ball							
	Pedal mounting	Pendant, from brace on dash							
	Lubrication	Crossover shaft							
Clutch housing material		Aluminum alloy							

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

(b) 12 coil springs (6 sets of two)

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type		3-Speed				4-Speed				
Engine	Type-Cubic Inch	L6-250	V8-307	V8-350	V8-402	V8-350		V8-402	V8-454	
Application	Availability	Base		RPO L48	RPO LS3	RPO L65	RPO L48	RPO LS3	RPO LS5	
Case Material		Cast iron						Aluminum		
Gear Shift	Type	Remote								
	Control	Lever								
	Location	Steering column				Floor				
Gears	Type	Helical								
	Material	Forged steel hardened								
	Synchronization	All forward gears								
	Constant mesh gear	All gears				All forward gears				
	Sliding gears	None				Reverse				
	Ratio	First	2.85		2.54	2.42	2.54		2.52	2.20
		Second	1.68		1.50	1.58	1.80		1.88	1.64
		Third	1.00		1.00	1.00	1.44		1.46	1.27
		Fourth					1.00		1.00	1.00
Reverse		2.95		2.63	2.41	2.54		2.59	2.26	
Lubricant	Type	Meeting Military Specifications MIL-L-2105B								
	Capacity (pts)	3								
Extension	Material	Cast iron						Aluminum		
	Oil Seal	Steel encased double seal of spring loaded rubber or felt								

TRANSMISSIONS

POWERGLIDE TRANSMISSION

Engine	Type		L-6 250 Cu.In.		V-8 307 Cu.In.	
	Availability		Standard			
General data	Type		Automatic hydraulic torque converter with planetary gear system for low and reverse			
	Selector lever	Location	Steering column (a)			
		Operation	Actuates manual valve in hydraulic control system			
		Quadrant pattern	P-R-N-D-L			
	Parking lock	Type	Pawl and gear (on planetary)			
		Operation	Applied by selector lever thru spring loaded linkage			
	Method of cooling		Water			
Hydraulic controls	Flywheel assembly		Steel stamping with welded on ring gear			
	Manual valve type		Spool			
	Pressure regulator valve type		Spool			
	Pressure @ Idle (b)	Drive	51		51	
		Low	112		112	
		Reverse	91		91	
Converter assembly	Type		Three element			
	Pump		Inner and outer sheet steel shells separated by sheet steel vanes. Outer shell is pump housing which is welded to converter housing.			
	Turbine		Inner and outer shells separated by sheet steel vanes. Assembly supported in converter cover.			
	Stator		Operation independent of cover and pump housing. Aluminum air foil supported on a stationary sleeve by an over-running clutch of cam and roller design.			
	Stall torque ratio		2.10			
	Stall speed (RPM)		1620		1530	
	Diameter (nominal)		11.0			
Planetary gear set	Type		Compound planetary			
	Range	Drive	1.82 to 1			
		Low	1.82			
		Reverse	1.82			
	Low band		Three linked circular segments			
Low band servo		Piston with release spring and inner cushion spring				
Case	Material		Aluminum (one piece)			
High clutch	Type		Multi-disk			
	Drive plates	Description	Waved steel with bonded organic facings			
		Number	3		5	
	Driven plates	Description	Flat steel			
Number		4		5		
Reverse clutch	Type		Multi-disk			
	Drive plates	Description	Flat steel with bonded organic facings			
		Number	4		5	
	Reaction plates	Description	Flat steel			
Number		4		5		
Torque Multi- plication	Maximum overall ratio		3.82			
	Low and reverse		3.82 to 1.82			
Lubricant	Type		A suffix A			
	Capacity (pts)	Dry	17			
		Refill	6			
Governor	Type		Centrifugal			
	Operation		Regulates pump oil pressure to automatic shift control valve body			
	Drive		Mounted on output shaft			
	Location		In extension			
Oil pump	Type		Internal-external gear			
	Number		One; front			
	Function		To supply pressure			
	Drive		Converter pump			

(a) Floor mount available when bucket seats are used. (b) Conditions: 450 RPM input at 25 inches Hg vacuum

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement	V8-307	V8-350	V8-402 & 454
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.		
	Selector lever	Steering column (a)		
		Operation		
		Quadrant pattern		
	Parking Lock	P-R-N-D-L2-L1		
		Locking pawl		
	Method of cooling	Applied by selector lever through manual linkage		
		Water		
Hydraulic System	Flywheel assembly	Steel stamping with welded on ring gear		
	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump		
	Type	Steel spool		
	Manual	Establishes range at transmission operation		
	Pressure regulator	Controls 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 that varies with torque to transmission		
	Accumulator	To obtain greater flexibility in attaining desired shift curve for various engine requirements		
	Pressure @ Idle (b)	Drive	55	70
		L2	80	150
		L1	80	150
		Reverse	84	107.5
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	2.10		
	Stall speed (RPM)	2110		
	Diameter (nominal)	11.75		12.20
Planetary Gear Set	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Front band			Circular steel with organic lining
	Rear band			Double wrap circular steel
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	2.48:1 - 1.48:1 - 1.00:1
		L2 (Low two)	2.52:1 - 1.51:1	2.48:1 - 1.48:1
		L1 (Low one)	2.52:1	2.48:1
		R (Reverse)	1.93:1	2.08:1
Case	Servo Unit	Piston with release spring and inner cushion spring		
	Material	Aluminum		
Clutches	Type	Four, multiple disk		Three, multiple disk
	Material	Steel with bonded organic facings		
		Flat steel		
	Forward clutch	4 each drive & driven plates		5 each drive & driven plates
	Direct clutch	4 each drive & driven plates		5 each drive & driven plates
	Intermediate clutch	2 each drive & driven plates		3 each drive & driven plates
	Low & Reverse clutch	4 each drive & driven plates		
	Release spring	Radial row steel coil		
Torque Multiplication	Drive (maximum)	5.29:1 to 1.00		5.21:1 to 1.00
	Low 2	5.29:1 to 1.52		5.21:1 to 1.48
	Low 1	5.29:1 to 2.52		5.21:1 to 2.48
	Reverse	4.05:1 to 1.93		4.37:1 to 2.08
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	A suffix A		
	Capacity (pints)	Dry	20	22
		Refill	5	8

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

(b) Conditions: 450 RPM input at 25 inches Hg. vacuum.

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

1972 MODELS WITH STANDARD EQUIPMENT

Coupes and Convertible (112" Wheelbase)

Sedans (116" Wheelbase)

Model Number and Description	Dealer Invoice Amount*	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Price*	Destination Group No.	Destination Charge	Total
6-Cylinder Models								
■ 110-hp Turbo-Thrift 250 Engine								
Chevelle								
13337 Sport Coupe—6-Passenger.....					\$2782.00	6		
13369 4-Door Sedan—6-Passenger.....					2747.00	5		
Malibu								
13537 Sport Coupe—6-Passenger.....					2955.00	6		
13569 4-Door Sedan—6-Passenger.....					2921.00	5		

8-Cylinder Models

◆ 130-hp Turbo-Fire 307 Engine

Chevelle								
13437 Sport Coupe—6-Passenger.....					2877.00	6		
13469 4-Door Sedan—6-Passenger.....					2842.00	5		
Malibu								
13637 Sport Coupe—6-Passenger.....					3050.00	6		
13669 4-Door Sedan—6-Passenger.....					3016.00	5		
13639 Sport Sedan—6-Passenger.....					3122.00	6		
13667 Convertible—6-Passenger.....					3329.00	8		

■ Available for registration in the State of California when California Assembly Line Emission Test (Option YF5) is applied.

◆ Available for registration in the State of California when optional 165-hp or 200-hp Turbo-Fire 350 engine is ordered and California Assembly Line Emission Test is applied.

* Manufacturer's Suggested Retail Prices do not include state and local taxes, license fees, options or accessories.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price◆
MODEL OPTIONS						
➤ SS Equipment: V8 Malibu Sport Coupe or Convertible models with optional engine and transmission only. Includes power disc/drum brakes; black-finished grille; special domed hood with locking pins; LH remote-control sport mirror; SS emblems on grille, fenders and steering wheel; rear bumper SS decal; sport suspension; 15" x 7" wheels with bright lug nuts, special center caps and trim rings plus F60-15 white lettered tires.....	Z15	\$270.66	\$263.72	\$18.50	\$347.00	\$365.50
Heavy Chevy: Model 13437 V8 Chevelle Coupe only. Includes black-accented grille; special side striping; Heavy Chevy decals on hood, front fenders and rear deck; special domed hood with locking pins; 14" x 6" rally type wheels with bright lug nuts and special center caps						
➤ With black striping. Not available when Midnight Bronze exterior body color paint is ordered.....	YF3/YF8					145.35
With white striping. Not available when white exterior body color paint is ordered.....	YF3/ZR8					145.35

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

◆ State and local taxes not included.

➤ Indicates Change

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price*
FEATURE GROUPS						
(Any item contained in a feature group may be ordered separately)						
APPEARANCE GUARD GROUP						
INCLUDES:						
(A) Guards, Bumper: Front and rear.....	V30					\$ 32.65
(B) Guards, Door Edge:						
Coupe or Convertible models.....	B93					6.35
Sedan models.....	B93					9.50
(C) Mats, Color-Keyed Floor: 2 Front, 2 Rear.....	B37					12.65
(D) Mirror, Visor Vanity.....	D34					3.20
For Coupe or Convertible models—Includes A, B, C & D.....	ZP5					54.85
For 4-Door Sedan or Sport Sedan models—Includes A, B, C & D.....	ZP5					58.00
OPERATING CONVENIENCE GROUP						
INCLUDES:						
(A) Clock, Electric: Included when special instrumentation is ordered..	U35					16.90
→(B) Defroster, Rear Window: (Forced-Air)						
Coupe or Sedan models.....	C50					32.65
Convertible model. Not available when SS Equipment or special instrumentation is ordered.....	C50					37.95
→(C) Mirror, L.H. Outside Remote-Control Rearview: Not available when SS Equipment is ordered.....	D33					12.65
For Malibu 4-Door Sedan or Sport Sedan models—Includes A, B & C.....	ZQ2					62.20
For Malibu Coupe models.....						
Without special instrumentation or SS Equipment—Includes A, B & C.....	ZQ2					62.20
With special instrumentation, without SS Equipment—Includes B & C.....	ZQ2					45.30
With SS Equipment, without special instrumentation—Includes A & B.....	ZQ2					49.55
With SS Equipment and special instrumentation—Includes B.....	ZQ2					32.65
→For Malibu Convertible model. Not available when SS Equipment is ordered with special instrumentation.....						
Without special instrumentation or SS Equipment—Includes A, B & C.....	ZQ2					67.50
With special instrumentation, without SS Equipment—Includes C.....	ZQ2					12.65
With SS Equipment, without special instrumentation—Includes B.....	ZQ2					37.95
For Chevelle 4-Door Sedan—Includes A, B & C.....	ZQ2					62.20
For Chevelle Sport Coupe.....						
Without special instrumentation—Includes A, B & C.....	ZQ2					62.20
With special instrumentation—Includes B & C.....	ZQ2					45.30
POWER TEAMS						
(See Power Teams Chart for availability and complete engine specifications)						
Engines: V8 models only.						
165-hp Turbo-Fire 350 (2/SE). Available for registration in the State of California.....	L65	20.28	19.76	1.40	26.00	27.40
175-hp Turbo-Fire 350 (4/SE). Available for registration in the State of California.....	L48	56.16	54.72	3.85	72.00	75.85
240-hp Turbo-Jet 400. Available only when F78-14 tires or SS Equipment is ordered. Not available for registration in the State of California.....	LS3	131.04	127.68	8.95	168.00	176.95
270-hp Turbo-Jet 454. Available only when SS Equipment and HD battery are ordered. Not available for registration in the State of California. Includes HD radiator when air conditioning is ordered.....	LS5	212.16	206.72	14.50	272.00	286.50
Transmissions:						
Powerglide						
6-cyl models.....	M35	142.68	139.20	9.75	174.00	183.75
V8 models. Available only when standard engine is specified.....	M35	151.70	148.00	10.40	185.00	195.40
Turbo Hydra-matic. V8 models only						
With standard, 165-hp or 175-hp Turbo-Fire 350 engine.....	M40	172.20	168.00	11.80	210.00	221.80
With 240-hp Turbo-Jet 400 or 270-hp Turbo-Jet 454 engine.....	M40	189.42	184.80	12.95	231.00	243.95
3-Speed. Floor-mounted, manual. V8 models with 165-hp or 175-hp Turbo-Fire 350 engine only.....	M11	104.96	102.40	7.20	128.00	135.20
Special 3-Speed. Floor-mounted, manual. V8 models with 240-hp Turbo-Jet 400 engine only.....	MC1	104.96	102.40	7.20	128.00	135.20
4-Speed Wide-Range. V8 models with 165-hp or 175-hp Turbo-Fire 350 or 240-hp Turbo-Jet 400 engine only.....	M20	155.80	152.00	10.65	190.00	200.65
Special 4-Speed Close-Ratio. V8 models with 270-hp Turbo-Jet 454 engine only.....	M22	189.42	184.80	12.95	231.00	243.95
Axle, Positraction Rear	G80	35.10	34.20	2.40	45.00	47.40
Axle Ratios:						
Performance. With standard V8 engine and Turbo Hydra-matic transmission only.....	ZQ9	9.36	9.12	.65	12.00	12.65
Trailering. V8 models only. Available only when standard 165-hp or 175-hp Turbo-Fire 350 or 240-hp Turbo-Jet 400 engine with special suspension and Turbo Hydra-matic transmission are ordered.....	YD1	9.36	9.12	.65	12.00	12.65

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

⊙ State and local taxes not included.

→ Indicates Change

FUEL TANK

Capacity (Gal)	
All models except S/Wags	19 (approximately)
Station Wagons	18 (approximately)
Fuel Tank Location	Behind rear axle
Filler Location	
Station Wagons & El Camino	Left rear quarter panel
Remaining Models	Behind hinged rear license plate

FUEL FILTERS, DUAL

In Fuel Tank	Mesh strainer
In Carburetor Inlet	Paper (sintered bronze V8-307)

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
V8-307 Cu.In.	5.50-7.50 PSI at pump outlet
V8-350 Cu.In.	7.50-9.00 PSI at pump outlet
V8-400 & 454 Cu.In.	7.50-9.00 PSI at pump outlet

AIR CLEANER

Type	
L6-250 Cu.In.	Single air horn
V8-350 & 402 Cu.In.	Single air horn
V8-454 Cu.In.	Dual air horns, chrome cover
Diameter	
L6-250 Cu.In.	12.62
V8-307 Cu.In.	12.62
V8-350 Cu.In.	15.48
V8-402 Cu.In.	15.48
V8-454 Cu.In.	15.48
Filter Element	Oil-wetted paper

CARBURETORS

Make and Type	
L6-250 Cu.In.	Rochester, 1-barrel, Monojet
V8-307 Cu.In.	Rochester, 2-bbl., downdraft
V8-350 (L65) Cu.In.	Rochester, 2-bbl., downdraft
V8-350 (L48) Cu.In.	Rochester, 4-bbl., Quadrajet
V8-402 & 454 Cu.In.	Rochester, 4-bbl., Quadrajet
SAE Flange Type	
L6-250 Cu.In.	1.50
V8-307 Cu.In.	1.25
V8-350 Cu.In.	1.50
V8-402 & 454 Cu.In.	1.50
Throttle Bore	
L6-250 Cu.In.	1.69
V8-307 Cu.In.	1.44
V8-350 (L65) Cu.In.	1.69
V8-350 (L48) Cu.In.	
Primary	1.38
Secondary	2.25
V8-402 & 454 Cu.In.	
Primary	1.38
Secondary	2.25
Secondary Throttle Actuation	By linkage approximately when primary valves are opened halfway between closed and open
Venturi Diameter	
L6-250 Cu.In.	1.31
V8-307 Cu.In.	1.09
V8-350 (L65) Cu.In.	1.09
V8-350 (L48) Cu.In.	
Primary	1.09
Secondary	Air valve
V8-402 & 454 Cu.In.	
Primary	1.09
Secondary	Air valve

CHOKE

Type	Automatic
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EVAPORATION CONTROL SYSTEM

Operation	System is designed to minimize the escape of fuel vapors to the atmosphere
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EXHAUST AND VENTILATION SYSTEM

TYPE

L6-250 Cu.In.	Single
V8-307 & 350 Cu.In.	Single
	with crossover pipes
V8-402 & 454 Cu.In.	Dual
	with resonators

MUFFLERS

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

Head

L6-250 Cu.In.	.048 sheet steel, aluminized
V8-307 Cu.In.	.048 sheet steel, aluminized
V8-350 Cu.In.	.054 sheet steel, aluminized
V8-402 & 454 Cu.In.	

Left hand	.054 sheet steel, aluminized
Right hand	.060 stainless steel

Shell

L6-250 Cu.In.	.036 sheet steel, zinc coated
V8-307 Cu.In.	.036 sheet steel, zinc coated
V8-350 Cu.In.	.036 sheet steel, zinc coated
V8-402 & 454 Cu.In.	

Left hand	.036 sheet steel, zinc coated
Right hand	.036 stainless steel

Wrap	.030 indented asbestos sheet
Cover	.018 sheet steel, aluminized

Baffles

L6-250 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated

V8-307 & 350 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated

V8-402 & 454 Cu.In.	
Left hand	

No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated

Right hand

No. 1, 2, 3 & 4	.036 stainless steel
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Length, Body

L6-250 Cu.In.	21.62
V8-307, 350, 402 & 454 Cu.In.	21.25

Width (I.D.)	9.25
--------------	------

Height (I.D.)	5.00
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EXHAUST CROSSOVER PIPE (V8-307 & 350 Cu.In.)

Dimensions (O.D.)	2.00
Wall Thickness	.072-.092 laminated

EXHAUST PIPE

Dimensions (O.D.)

L6-250 Cu.In.	2.00
V8-307 Cu.In.	2.00
V8-350 Cu.In.	2.50
V8-402 & 454 Cu.In.	2.50

Wall Thickness

L6-250 Cu.In.	.057-.071
V8-307 Cu.In.	.072-.092 laminated
V8-350 Cu.In.	.072-.092 laminated
V8-402 & 454 Cu.In.	.072-.092 laminated

RESONATORS (V8-402 & 454 Cu.In. only)

Type	Straight through
Cover	.042
Heads	.048

TAIL PIPES

Dimensions (O.D.)

L6-250 Cu.In.	1.875
V8-307 & 350 Cu.In.	1.875
V8-402 & 454 Cu.In.	2.00
Wall Thickness	.062-.076

EXHAUST EMISSION CONTROLS

Engine Ventilation Closed positive; utilizes manifold vacuum to draw off engine crankcase vapors through a metered PCV valve and ultimately to the intake system for engine reburn

Controlled Combustion System Increases combustion efficiency through leaner carburetor adjustments and revises distributor calibration

Combination Emission Control Valve Controls vacuum supply to the distributor vacuum spark advance and positions the carburetor throttle blade during vehicle deceleration.

Air Injection Reactor (Used on V8-402 & 454 Cu. in. and also on engines used in California) Air pump injects air into exhaust manifold which burns unburned portion of exhaust fumes.

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6	Main and conn. rod bearing throw off
V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6	Nozzle sprayed
V8	Centrifugally oiled from camshaft bearing

Oil Pressure Sending Unit

Type	Electric
Actuation	Opens or closes circuit @ 2 to 6 PSI

Oil Filler

Cap	Positive seal
Location	
L6-250 Cu.In.	Forward end of rocker cover
V8-307 & 350 Cu.In.	Rearward of left rocker cover
V8-402 & 454 Cu.In.	Top center of right 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	20W,10W-30,10W-40,20W-40
0° F to 60° F	10W,5W-30,10W-30,10W-40
Below 20° F	5W,5W-20,5W-30

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
Oil Pressure	
L6-250 Cu.In.	40 PSI @ 2000 RPM
V8-307 & 350 Cu.In.	40 PSI @ 2000 RPM
V8-402 & 454 Cu.In.	40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-307 & 350 Cu.In.	4.3 @ 2000
V8-402 & 454 Cu.In.	6.0 @ 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

L6-250 Cu.In.	Right side, rear of engine block
V8-307 & 350 Cu.In.	Left side, rear of engine block
V8-402 & 454 Cu.In.	Right side, center direct to oil pan

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

COOLING SYSTEM

GENERAL

Type	Liquid, pressurized
Capacity with Heater (Standard Equipment)	
L6-250 Cu.In.	12 qts.
V8-307 Cu.In.	15 qts.
V8-350 Cu.In.	16 qts.
V8-402 Cu.In.	23 qts.
V8-454 Cu.In.	22 qts.

RADIATOR

Make and Type	Harrison, tube and center
Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	.28 Syn., .25 Auto.
V8-307 Cu.In.	.18 Syn., .16 Auto.
V8-350 Cu.In. (L65)	.25 Syn., .22 Auto.
V8-350 Cu.In. (L48)	.22 Syn., .22 Auto.
V8-402 Cu.In.	.16 Syn., .16 Auto.
V8-454 Cu.In.	.22 Syn. & Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.26
V8-307, 350 & 402 Cu.In.	1.26
V8-454 Cu.In.	1.98
Frontal area (sq.in.)	
L6-250 & V8-307 Cu.In.	353
V8-350, 402 & 454 Cu.In.	480

RADIATOR HEAVY DUTY (RPO V01)

Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	.16 Syn., .16 Auto.
V8-307 Cu.In.	.16 Syn., .16 Auto.
V8-350 (L65) Cu.In.	.22 Syn., .16 Auto.
V8-350 (L48) Cu.In.	.20 Syn., .16 Auto.
V8-402 & 454 Cu.In.	.16 Syn., .16 Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.26 Syn., 1.26 Auto.
V8-307 Cu.In.	1.26 Syn., 1.26 Auto.
V8-350 Cu.In.	1.26 Syn., 1.98 Auto.
V8-402 & 454 Cu.In.	2.70 Syn. & Auto.
Frontal area (sq.in.)	
L6-250 Cu.In.	353
V8-307 & 350 Cu.In.	480
V8-402 & 454 Cu.In.	480

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

Type	Pellet
Begins to open at	192°-198°
Fully opened at	227°
Thermostat By-Pass Hose	
V8-402 & 454 Cu.In.	.745 ID

RADIATOR HOSE

Outlet, lower (radiator to water pump)	
L6-250 Cu.In.	1.75 ID
V8-307 & 350 Cu.In.	1.75 ID
V8-402 & 454 Cu.In.	1.88 ID
Inlet, upper (thermostat hsg. to radiator)	
L6-250 Cu.In.	1.50 ID
V8-307 & 350 Cu.In.	1.50 ID
V8-402 & 454 Cu.In.	1.50 ID

FAN

Number of Blades	4, staggered
Diameter	
L6-250 Cu.In.	17.62
V8-307 & 350 Cu.In.	19.00
V8-402 & 454 Cu.In.	18.00
Fan pulley pitch diameter	7.00

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number used	One
Angle of "V"	38°-42°
Pitch line	
L6-250 Cu.In.	37.30
V8-307 Cu.In.	44.25
V8-350 Cu.In.	44.25
V8-402 Cu.In.	45.75
V8-454 Cu.In.	45.75
Width	.380

WATER PUMP

Type	Centrifugal
Capacity	
L6-250 Cu.In.	24 GPM @ 2000 engine RPM
V8-307 Cu.In.	25 GPM @ 2000 engine RPM
V8-350 Cu.In.	25 GPM @ 2000 engine RPM
V8-402 Cu.In.	23 GPM @ 2000 engine RPM
V8-454 Cu.In.	23 GPM @ 2000 engine RPM
Bearing	Permanently lubricated double row ball
Drive	Fan belt
Ratio (Pump to Engine RPM)	.949:1

DRAIN LOCATIONS AND TYPE

Radiator-Plug	Left side rear
Engine Block - Plug	
L6-250 Cu.In.	Left side rear
V8-307 & 350 Cu.In.	Right and left center
V8-402 & 454 Cu.In.	Left side-rear of block
	Right side - center of block

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating	12
Cranking Power @ 0° F	
L6-250 Cu.In.	2300 watts
V8-307 Cu.In.	2900 watts
V8-350 & 402 Cu.In.	2900 watts
V8-454 Cu.In.	3750 watts
Heavy Duty (RPO T60)	3750 watts
Capacity (SAE) @ 20 hr. rate	
L6-250 Cu.In.	45 amp. hr.
V8-307 Cu.In.	61 amp. hr.
V8-350 & 402 Cu.In.	61 amp. hr.
V8-454 Cu.In.	80 amp. hr.
Heavy Duty	80 amp. hr.
Total Number of Plates	
L6-250 Cu.In.	54
V8-307 Cu.In.	66
V8-350 & 402 Cu.In.	66
V8-454 Cu.In.	90
Heavy Duty	90
Number of Cells	6
Terminal Grounded	Negative
Location	Engine compartment, right side front

GENERATOR

Type	Diode rectified
Rating	
Amps	37
Volts	12-15
Drive	By fan belt
Pulley Pitch Diameter	2.70
Ratio (Gen. to Engine Speed)	2.53:1

REGULATOR

Type	Two unit, vibrator
Voltage Regulator	
Voltage	13.8-14.8 @ 85 degrees F
Field Relay (Combination Light and Field Relay)	
Closing Voltage	1-3 volts @ 80 degrees F
Location	Engine compartment; left side front

IGNITION SYSTEM

DISTRIBUTORS	Refer to chart below
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COIL

Type	12-Volt
Amperes Drawn	
Engine Stopped	4.0
Engine Idling	1.8

SPARK PLUGS

Type	
L6-250 Cu.In.	ACR46T
V8-307 & 350 Cu.In.	ACR44T
V8-402 Cu.In.	ACR44T
V8-454 Cu.In.	ACR44T
Thread Size (mm)	14
Gap	.038-.038
Torque	25 lb. ft.

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

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View)	Clockwise
Test Conditions	Engine at operating temp.
No Load Test	
Amps	
L6-250 Cu.In.	49-87
V8-307 Cu.In.	49-87
V8-350 Cu.In.	70-99
V8-402 & 454 Cu.In.	70-99
Volts	10.6
RPM	
L6-250 Cu.In.	6200-10700
V8-307 Cu.In.	6200-10700
V8-350 Cu.In.	7800-12000
V8-402 & 454 Cu.In.	7800-12000
Motor Drive	
Engagement	Solenoid
Pinion Tooth No.	9
Flywheel Tooth No.	153; V8-402 & 454 . . 168
Mounting	Bolted to cylinder block flange

DISTRIBUTORS	Transmission	250 Cu.In.	307 Cu.In.	350 Cu.In.		402 Cu.In.	454 Cu.In.
		Standard	Standard	RPO L65	RPO L48	RPO LS3	RPO LS5
Model	Manual	1110489	1112005	1112005	1112044	1112057	1112052
	Automatic	1110489	1112039	1112005	1112045	1112057	1112052
Type		Single Breaker					
Cam angle		31°-34°	29°-31°			28°-30°	
Breaker gap		.019 (new)					
Breaker arm tension		19-23 oz.				28-32 oz.	
Centrifugal advance begins @ RPM	Manual	1270	1000	1000	1160	1260	1143
	Automatic	1270	1320	1000	1335	1260	1143
Maximum degrees @ RPM	Manual	24 @ 4100	24 @ 4300	24 @ 4300	22 @ 4200	30 @ 4400	22 @ 3900
	Automatic	24 @ 4100	20 @ 4200	24 @ 4300	18 @ 4200	30 @ 4400	22 @ 3900
Vacuum advance begins @ In. Hg.	Manual	8.00	8.00		8.00	8.00	
	Automatic	8.00	8.00		7.00	8.00	
Max. deg. @ In. Hg.		Man. & Auto.	22 @ 16	20 @ 17		15 @ 15.5	20 @ 17
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line	Manual ●	4°BTC @ 700	4°BTC @ 900	6°BTC @ 900	2°BTC @ 800*	8°BTC @ 600	
	Automatic	4°BTC @ 600	4°BTC @ 600	6°BTC @ 600	8°BTC @ 600	8°BTC @ 600	
Timing mark location		Torsional damper					

●*-4°BTC for California

CLUTCHES AND TRANSMISSIONS.

CLUTCHES

Engine	Type-Cubic Inch Availability	L6-250	V8-307	V8-350	V8-402	V8-454
Clutch for		3-Speed		RPO L65	RPO L48	RPO LS3
Clutch	Eff. plate load, lbs.	1650-1850	1900-2100	2100-2300	2450-2750	
Cover & pressure plate	Press. plate mat.	Cast iron		Nodular iron		
	Clutch spring type	Diaphragm		Diaphragm, bent finger design		
	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)	(b)	10 coil springs (5 sets of two)		
	Friction rings	OD	9.12	10.34	11.00	
		ID	6.12	6.50	6.50	
		Total area sq. in.	71.82	101.54	123.70	
Material		Woven type asbestos				
Flywheel & Ring Gear	Flywheel	Material	Cast iron			
		Material	Heat treated HR steel			
	Ring gear	No. of teeth	153	168		
		PD	12.75	14.00		
		Attachment	Shrink fit			
Bearings	Release	Type	Single row ball			
		Lubrication	None, prepacked			
	Pilot	Type	Bronze bushing			
		Lubrication	None, sintered and oil impregnated			
Controls	Clutch fork	Drop forged steel, pivot mounted on ball				
	Pedal mounting	Pendant, from brace on dash				
	Lubrication	Crossover shaft				
Clutch housing material		Aluminum alloy				

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

(b) 12 coil springs (6 sets of two)

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type		3-Speed				4-Speed		
Engine	Type-Cubic Inch	L6-250	V8-307	V8-350	V8-402	V8-350	V8-402	V8-454
Application	Availability	Base		RPO L48	RPO LS3	RPO L65	RPO L48	RPO LS3
Case Material		Cast iron						Aluminum
Gear Shift	Type	Remote						
	Control	Lever						
	Location	Steering column				Floor		
Gears	Type	Helical						
	Material	Forged steel hardened						
	Synchronization	All forward gears						
	Constant mesh gear	All gears				All forward gears		
	Sliding gears	None				Reverse		
	Ratio	First	2.85	2.54	2.42	2.54	2.52	2.20
		Second	1.68	1.50	1.58	1.80	1.88	1.64
		Third	1.00	1.00	1.00	1.44	1.46	1.27
		Fourth				1.00	1.00	1.00
Reverse		2.95	2.63	2.41	2.54	2.59	2.26	
Lubricant	Type	Meeting Military Specifications MIL-L-2105B						
	Capacity (pts)	3						
Extension	Material	Cast iron						Aluminum
	Oil Seal	Steel encased double seal or spring loaded rubber or felt						

TRANSMISSIONS

POWERGLIDE TRANSMISSION

Engine	Type		L-6 250 Cu.In.	V-8 307 Cu.In.
	Availability		Standard	
General data	Type		Automatic hydraulic torque converter with planetary gear system for low and reverse	
	Selector lever	Location	Steering column (a)	
		Operation	Actuates manual valve in hydraulic control system	
		Quadrant pattern	P-R-N-D-L	
	Parking lock	Type	Pawl and gear (on planetary)	
		Operation	Applied by selector lever thru spring loaded linkage	
	Method of cooling		Water	
Hydraulic controls	Flywheel assembly		Steel stamping with welded on ring gear	
	Manual valve type		Spool	
	Pressure regulator valve type		Spool	
	Pressure @ Idle (b)	Drive	51	51
		Low	112	112
		Reverse	91	91
Converter assembly	Type		Three element	
	Pump		Inner and outer sheet steel shells separated by sheet steel vanes. Outer shell is pump housing which is welded to converter housing.	
	Turbine		Inner and outer shells separated by sheet steel vanes. Assembly supported in converter cover.	
	Stator		Operation independent of cover and pump housing. Aluminum air foil supported on a stationary sleeve by an over-running clutch of cam and roller design.	
	Stall torque ratio		2.10	
	Stall speed (RPM)		1620	1530
	Diameter (nominal)		11.0	
Planetary gear set	Type		Compound planetary	
	Range	Drive	1.82 to 1	
		Low	1.82	
		Reverse	1.82	
	Low band		Three linked circular segments	
Low band servo		Piston with release spring and inner cushion spring		
Case	Material		Aluminum (one piece)	
High clutch	Type		Multi-disk	
	Drive plates	Description	Waved steel with bonded organic facings	
		Number	3	5
	Driven plates	Description	Flat steel	
Number		4	5	
Reverse clutch	Type		Multi-disk	
	Drive plates	Description	Flat steel with bonded organic facings	
		Number	4	5
	Reaction plates	Description	Flat steel	
Number		4	5	
Torque Multi- plication	Maximum overall ratio		3.82	
	Low and reverse		3.82 to 1.82	
Lubricant	Type		A suffix A	
	Capacity (pts)	Dry	17	
		Refill	6	
Governor	Type		Centrifugal	
	Operation		Regulates pump oil pressure to automatic shift control valve body	
	Drive		Mounted on output shaft	
	Location		In extension	
Oil pump	Type		Internal-external gear	
	Number		One; front	
	Function		To supply pressure	
	Drive		Converter pump	

(a) Floor mount available when bucket seats are used (b) Conditions: 450 RPM input at 25 inches Hg vacuum

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement	V8-307	V8-350	V8-402 & 454
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.		
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling	Water		
Hydraulic System	Flywheel assembly	Steel stamping with welded on ring gear		
	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump		
	Type	Steel spool		
	Manual	Establishes range at transmission operation		
	Pressure regulator	Controls 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 that varies with torque to transmission		
	Accumulator	To obtain greater flexibility in attaining desired shift curve for various engine requirements		
	Pressure @ Idle (b)	Drive	55	70
		L2	80	150
L1		80	150	
Reverse		84	107.5	
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	2.10		
	Stall speed (RPM)	2110		
	Diameter (nominal)	11.75	12.20	
Planetary Gear Set	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Front band	Circular steel with organic lining		
	Rear band	Double wrap circular steel		
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	2.48:1 - 1.48:1 - 1.00:1
		L2 (Low two)	2.52:1 - 1.51:1	2.48:1 - 1.48:1
		L1 (Low one)	2.52:1	2.48:1
R (Reverse)		1.93:1	2.08:1	
Servo Unit	Piston with release spring and inner cushion spring			
Case	Material	Aluminum		
Clutches	Type	Four, multiple disk	Three, multiple disk	
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch	4 each drive & driven plates	5 each drive & driven plates	
	Direct clutch	4 each drive & driven plates	5 each drive & driven plates	
	Intermediate clutch	2 each drive & driven plates	3 each drive & driven plates	
	Low & Reverse clutch	4 each drive & driven plates		
	Release spring	Radial row steel coil		
Torque Multiplication	Drive (maximum)	5.29:1 to 1.00	5.21:1 to 1.00	
	Low 2	5.29:1 to 1.52	5.21:1 to 1.48	
	Low 1	5.29:1 to 2.52	5.21:1 to 2.48	
	Reverse	4.05:1 to 1.93	4.37:1 to 2.08	
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	A suffix A		
	Capacity (pints)	Dry	20	20
		Refill	5	8

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

(b) Conditions: 450 RPM input at 25 inches Hg. vacuum.

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

1972 MODELS WITH STANDARD EQUIPMENT Coupes and Convertible (112" Wheelbase)

Sedans (116" Wheelbase)

Model Number and Description	Dealer Invoice Amount	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Price*	Destination Group No.	Destination Charge	Total
6-Cylinder Models								
1110-hp Turbo-Thrift 250 Engine								
Chevelle								
13337 Sport Coupe—6-Passenger					\$2782.00	6		
13369 4-Door Sedan—6-Passenger					2747.00	5		
Malibu								
13537 Sport Coupe—6-Passenger					2955.00	6		
13569 4-Door Sedan—6-Passenger					2921.00	5		

8-Cylinder Models

130-hp Turbo-Fire 307 Engine

Chevelle								
13437 Sport Coupe—6-Passenger					2877.00	6		
13469 4-Door Sedan—6-Passenger					2842.00	5		
Malibu								
13637 Sport Coupe—6-Passenger					3050.00	6		
13669 4-Door Sedan—6-Passenger					3016.00	5		
13639 Sport Sedan—6-Passenger					3122.00	6		
13667 Convertible—6-Passenger					3329.00	8		

* Available for registration in the State of California when California Assembly Line Emission Test (Option YF5) is applied.

♦ Available for registration in the State of California when optional 165-hp or 200-hp Turbo-Fire 350 engine is ordered and California Assembly Line Emission Test is applied.

* Manufacturer's Suggested Retail Prices do not include state and local taxes, license fees, options or accessories.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price*
MODEL OPTIONS						
→ SS Equipment: V8 Malibu Sport Coupe or Convertible models with optional engine and transmission only. Includes power disc/drum brakes; black-finished grille; special domed hood with locking pins; LH remote-control sport mirror; SS emblems on grille, fenders and steering wheel; rear bumper SS decal; sport suspension; 15" x 7" wheels with bright lug nuts; special center caps and trim rings plus F60-15 white lettered tires.	215	\$270.66	\$263.72	\$18.50	\$347.00	\$365.50
Heavy Chevy: Model 13437 V8 Chevelle Coupe only. Includes black-accented grille; special side striping; Heavy Chevy decals on hood, front fenders and rear deck; special domed hood with locking pins; 14" x 6" rally type wheels with bright lug nuts and special center caps						
→ With black striping. Not available when Midnight Bronze exterior body color paint is ordered.	YF3/YF8					145.35
With white striping. Not available when white exterior body color paint is ordered.	YF3/ZR8					145.35

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

† State and local taxes not included.

→ Indicates Change

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price*
FEATURE GROUPS						
(Any item contained in a feature group may be ordered separately)						
APPEARANCE GUARD GROUP						
INCLUDES:						
(A) Guards, Bumper: Front and rear	V30					\$ 32.65
(B) Guards, Door Edge:						
Coupe or Convertible models	B93					6.35
Sedan models	B93					9.50
(C) Mats, Color-Keyed Floor: 2 Front, 2 Rear	B37					12.65
(D) Mirror, Visor Vanity	D34					3.20
For Coupe or Convertible models—Includes A, B, C & D	ZP5					54.85
For 4-Door Sedan or Sport Sedan models—Includes A, B, C & D	ZP5					58.00
OPERATING CONVENIENCE GROUP						
INCLUDES:						
(A) Clock, Electric: Included when special instrumentation is ordered	U35					16.90
→ (B) Defroster, Rear Window: (Forced-Air)						
Coupe or Sedan models	C50					32.65
Convertible model. Not available when SS Equipment or special instrumentation is ordered	C50					37.95
→ (C) Mirror, L.H. Outside Remote-Control Rearview: Not available when SS Equipment is ordered	D33					12.65
For Malibu 4-Door Sedan or Sport Sedan models—Includes A, B & C	ZQ2					52.20
For Malibu Coupe models						
Without special instrumentation or SS Equipment—Includes A, B & C	ZQ2					62.20
With special instrumentation, without SS Equipment—Includes B & C	ZQ2					45.30
With SS Equipment, without special instrumentation—Includes A & B	ZQ2					49.55
With SS Equipment and special instrumentation—Includes B	ZQ2					32.65
→ For Malibu Convertible model. Not available when SS Equipment is ordered with special instrumentation						
Without special instrumentation or SS Equipment—Includes A, B & C	ZQ2					67.50
With special instrumentation, without SS Equipment—Includes C	ZQ2					12.65
With SS Equipment, without special instrumentation—Includes B	ZQ2					37.95
For Chevelle 4-Door Sedan—Includes A, B & C	ZQ2					62.20
For Chevelle Sport Coupe						
Without special instrumentation—Includes A, B & C	ZQ2					62.20
With special instrumentation—Includes B & C	ZQ2					45.30
POWER TEAMS						
(See Power Teams Chart for availability and complete engine specifications)						
Engines: V8 models only.						
165-hp Turbo-Fire 350 (2/SE). Available for registration in the State of California	L65	20.28	19.76	1.40	26.00	27.40
175-hp Turbo-Fire 350 (4/SE). Available for registration in the State of California	L48	56.16	54.72	3.85	72.00	75.85
240-hp Turbo-Jet 400. Available only when F78-14 tires or SS Equipment is ordered. Not available for registration in the State of California	LS3	131.04	127.68	8.95	168.00	176.95
270-hp Turbo-Jet 454. Available only when SS Equipment and HD battery are ordered. Not available for registration in the State of California. Includes HD radiator when air conditioning is ordered	LS5	212.16	206.72	14.50	272.00	286.50
Transmissions:						
Powerglide						
6-cyl models	M35	142.68	139.20	9.75	174.00	183.75
V8 models. Available only when standard engine is specified	M35	151.70	148.00	10.40	185.00	195.40
Turbo Hydra-matic. V8 models only						
With standard, 165-hp or 175-hp Turbo-Fire 350 engine	M40	172.20	168.00	11.80	210.00	221.80
With 240-hp Turbo-Jet 400 or 270-hp Turbo-Jet 454 engine	M40	189.42	184.80	12.95	231.00	243.95
3-Speed. Floor-mounted, manual. V8 models with 165-hp or 175-hp Turbo-Fire 350 engine only	M11	104.96	102.40	7.20	128.00	135.20
Special 3-Speed. Floor-mounted, manual. V8 models with 240-hp Turbo-Jet 400 engine only	MC1	104.96	102.40	7.20	128.00	135.20
4-Speed Wide-Range. V8 models with 165-hp or 175-hp Turbo-Fire 350 or 240-hp Turbo-Jet 400 engine only	M20	155.80	152.00	10.65	190.00	200.65
Special 4-Speed Close-Ratio. V8 models with 270-hp Turbo-Jet 454 engine only	M22	189.42	184.80	12.95	231.00	243.95
Axle, Positraction Rear	G80	35.10	34.20	2.40	45.00	47.40
Axle Ratios:						
Performance. With standard V8 engine and Turbo Hydra-matic transmission only	ZQ9	9.36	9.12	.65	12.00	12.65
Trailering. V8 models only. Available only when standard 165-hp or 175-hp Turbo-Fire 350 or 240-hp Turbo-Jet 400 engine with special suspension and Turbo Hydra-matic transmission are ordered	YD1	9.36	9.12	.65	12.00	12.65

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

† State and local taxes not included.

→ Indicates Change

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Price [Ⓢ]
POWER ASSISTS						
Brakes, Power:						
With drum-type brakes. Not available when SS Equipment is ordered	J50					\$ 48.45
With disc/drum brakes. Included when SS Equipment is ordered	JL2					71.65
Door Lock System, Power: Electric						
Coupe or Convertible models only	AU3					47.40
Sedan models only	AU3					72.70
Steering, Power: Variable ratio	N40					119.05
OTHER OPTIONS						
Air Conditioning: Four-Season. V8 models only. Includes 61-amp generator and increased cooling	C60					418.15
Battery, Heavy-Duty: 15-plate, 80-amp-hr.	T60					15.80
→ Belts, 3-Point Seat: Includes warning light	AV3				Will Advise Price and Availability	
Belts, Custom Deluxe Seat and Shoulder: Includes brushed metal buckles and color-keyed belts. (Standard plastic buckles and belts are black).						
REPLACING STANDARD NUMBER OF BELTS:						
Coupe or Sedan models with bench seat—6 seat and 2 front shoulder	AK1					16.90
Coupe models with bucket seats—5 seat and 2 front shoulder	AK1					15.30
Convertible model with bench seat—6 seat	A39					14.75
Convertible model with bucket seats—5 seat	A39					13.20
SHOULDER BELTS—2 FRONT: Convertible model only. For use when Custom Deluxe Belts are ordered	A85					27.40
California Assembly Line Emission Test: Released to conform with State of California registration requirements. Not available on V8 models when standard 240-hp Turbo-Jet 400 or 270-hp Turbo-Jet 454 engine is ordered	YF5					15.80
Console: Available only on Malibu Sport Coupe or Convertible models when bucket seats and optional transmission are ordered. Includes rear seat courtesy light and compartment. Shift lever is mounted on console	D55					60.05
Generator, 63-Amp Delcotron:						
Without air conditioning	K85					27.40
With air conditioning	K85					5.30
Glass, Soft-Ray Tinted: All windows	A01					44.25
Hood, Cowl Induction: Available only when SS Equipment and 240-hp Turbo-Jet 400 or 270-hp Turbo-Jet 454 engine are ordered. Includes sport striping on hood and rear deck lid; air intake valve at rear of hood and hood to air cleaner duct						
→ With black striping. Not available when Midnight Bronze exterior body color paint is ordered	ZL2/YF8					162.20
With white striping. Not available when white exterior body color paint is ordered	ZL2/ZR8					162.20
Instrumentation, Special: Available on V8 Coupe or Convertible models only. Includes clock, tachometer, ammeter and temperature gauge mounted in instrument panel	U14					86.40
Lighting, Auxiliary:						
(A) Ashtray Light						
(B) Courtesy Lights						
(C) Glove Compartment Light						
(D) Luggage Compartment Light						
(E) Mirror Map Light						
(F) Underhood Light						
For Malibu Convertible model—Includes A, D, E & F	ZJ9					15.80
For Malibu Sport Coupe or Sedan models—Includes A, B, D, E & F	ZJ9					22.15
For Chevelle Coupe or Sedan models—Includes A, B, C, D, E & F	ZJ9					24.80
Moldings:						
Body Side. Not available when Heavy Chevy is ordered	B84					34.80
Window. 4-Door Sedan models only	B90					27.40
Paints, Exterior:						
Solid		N.C.	N.C.	N.C.	N.C.	N.C.
Two-Tone. Coupe or Sedan models only. Includes bright metal outline moldings						32.65
Radiator, Heavy-Duty: Included when 270-hp Turbo-Jet 454 engine with air conditioning is ordered.						
6-cyl models only	V01					14.75
V8 models only. Includes extra HD cooling	V01					22.15

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→ Indicates Change

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price [◇]
Radio Equipment:						
<i>Pushbutton</i>						
AM Radio.....	U63					\$ 68.50
AM/FM Radio.....	U69					142.20
AM/FM/Stereo Radio.....	U79					245.40
Stereo Tape System with AM Radio.....	UM1					205.40
Stereo Tape System with AM/FM/Stereo Radio.....	UM2					382.35
Speaker, Rear Seat. Not available when stereo is ordered.....	U80					15.80
Roof Cover, Vinyl: Not available on Convertible model. Includes bright metal outline moldings. See Color Selection Chart for solid exterior color availability.						
Black.....	BB					96.90
Covert (Light).....	TT					96.90
Green (Medium).....	GG					96.90
Tan (Medium).....	FF					96.90
White.....	AA					96.90
Speed and Cruise Control: (Cruise-Master) V8 models with automatic transmission and power brakes only.....						
	K30					65.30
Steering Wheels:						
Comfortilt. Available only when optional transmission is ordered.....	N33					46.35
Custom. Not available when comfortilt steering wheel is ordered.....	NK2					15.80
Sport (4-Spoke).....	NK4					15.80
Stripes, Sport: Malibu Sport Coupe or Convertible models only. Included when cowl induction hood is ordered. Includes sport striping on hood and rear deck lid.						
➔ Black. Not available when Midnight Bronze exterior body color paint is ordered.....	D88/YF8					81.10
White. Not available when white exterior body color paint is ordered.....	D88/ZR8					81.10
Suspensions:						
Special Front and Rear. Not available when SS equipment is ordered. Includes special front and rear springs and matching shock absorbers.....	F40					17.95
Sport. Available only when 240-hp Turbo-Jet 400 engine is ordered. Included when SS Equipment is ordered. Includes HD rear shock absorbers, rear stabilizer, front and rear springs plus special duty front stabilizer and rear axle control arms.....	F41					31.60
Tops, Convertible: Power. Available with all exterior solid colors on Malibu Convertible model only.						
Black.....	BB					N.C.
White.....	AA					N.C.
Trim, Interior: See Interior and Exterior Color Selection Chart for availability and ordering information.						
Vinyl Bench seat. Coupe or Sedan models only.....						19.00
Strato-Bucket vinyl seats. Malibu Sport Coupe or Convertible models only..	AS1					140.10
Wheel Covers: Not available when Heavy Chevy or SS Equipment is ordered						
Bright Metal.....	P01					27.40
Custom.....	P02					86.40
Wheels, Rally: Not available when Heavy Chevy or SS Equipment is ordered. Includes special 14" x 6" wheels, special hub caps and trim rings.....						
	ZJ7					46.35

FACTORY INSTALLED REGULAR PRODUCTION TIRES

Replaces (5) E78-14/B Bias Belted Ply Blackwall (Without SS Equipment)						
(5) E78-14/B Bias Belted Ply White Stripe.....	PL3					29.15
(5) F78-14/B Bias Belted Ply Blackwall						
Without 240-hp Turbo-Jet 400 engine.....	PX5					17.95
With 240-hp Turbo-Jet 400 engine. Also includes 14" x 6" wheels.....	PX5					24.20
(5) F78-14/B Bias Belted Ply White Stripe						
Without 240-hp Turbo-Jet 400 engine.....	PX6					49.10
With 240-hp Turbo-Jet 400 engine. Also includes 14" x 6" wheels.....	PX6					54.35

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➔ Indicates Change

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE POWER TEAMS

Engine, Transmission and Rear Axle Combinations
(Engine horsepower ratings are reflected at "net" horsepower)

ENGINES		TRANSMISSIONS	SHIFT LEVER LOCATION		REAR AXLE RATIOS*		
Option Number and Model Application	Description	Type (Std or Optional)	Without Console	With Optional Console	Std	- Optional	
						Perf	Trailering

STANDARD ENGINES

■ Standard Six-Cylinder on 6-Cyl Models	110-hp Turbo-Thrift 250 6-Cylinder 250-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	3-Speed (Std)—ZW4	Column	Not Available	3.08	—	—
		Powerglide—M35	Column	In Console w/Floor Shift	3.08	—	—
● Standard Eight-Cylinder on V8 Models	130-hp Turbo-Fire 307 8-Cylinder 307-cu-in displacement Regular camshaft 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	3-Speed (Std)—ZW4	Column	Not Available	3.08	—	—
		Powerglide—M35	Column	In Console w/Floor Shift	3.08	—	—
		Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	3.08	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	3.08	3.31

OPTIONAL ENGINES

■ Option L65 on V8 Models	165-hp Turbo-Fire 350 (2/SE) 8-Cylinder 350-cu-in displacement Regular camshaft 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	3-Speed (Std)—ZW4	Column	Not Available	3.08	—	—
		3-Speed—M11	Floor With Boot	In Console	3.08	—	—
		Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	—	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	—	3.31
■ Option L48 on V8 Models	175-hp Turbo-Fire 350 (4/SE) 8-Cylinder 350-cu-in displacement Regular camshaft 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	4-Speed Wide-Range—M20	Floor With Boot	In Console	3.36	—	—
		Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	—	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	—	3.31
		3-Speed—M11	Floor With Boot	In Console	3.31	—	—
● Option LS3 on V8 Models	240-hp Turbo-Jet 400 8-Cylinder 402-cu-in displacement Regular camshaft 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Dual exhausts	4-Speed Wide-Range—M20	Floor With Boot	In Console	3.31	—	—
		Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	—	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	—	3.31
		Special 3-Speed—MC1	Floor With Boot	In Console	3.31	—	—
● Option LS5 on Malibu V8 Sport Coupe or Convertible Models with SS Equipment	270-hp Turbo-Jet 454 8-Cylinder 454-cu-in displacement High-lift camshaft 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Dual exhausts	Turbo Hydra-matic—M40	Column	In Console w/Floor Shift	3.31	—	—
		Special 4-Speed Close-Ratio—M22	Floor With Boot	In Console	3.31	—	—

* All ratios available as Positraction.

■ Available for registration in the State of California when California Assembly Line Emission Test (Option YF5) is applied.

● Not available for registration in the State of California.

CHEVELLE AND MALIBU COUPES, SEDANS AND CONVERTIBLE INTERIOR AND EXTERIOR SELECTION CHART

PLEASE NOTE: The exterior and interior combinations for solid color paint shown in the chart below have been established as the combinations that would be attractive to the average customer. Orders for non-recommended solid color exterior and interior trim combinations may be submitted, provided the dealer initials the appropriate order form block as verification that the requested combination is definitely desired.

This procedure does not apply to orders that specify a vinyl roof cover, convertible top or two-tone paint, as combinations shown are the only combinations that have been approved.

VINYL ROOF	SOLID EXTERIOR COLOR AVAILABILITY	
BLACK	BB	All Exterior Colors.
COVERT (Light)	TT	Bronze, Brown, Gold, Sequoia Green, Orange, Tan, White or Yellow Exterior Colors only.
GREEN (Medium)	GG	Gulf or Sequoia Green, Silver or White Exterior Colors only.
TAN (Medium)	FF	Bronze, Mohave Gold or White Exterior Colors only.
WHITE	AA	All Exterior Colors.

Type of Seat			INTERIOR TRIM								
			Black		Blue (Dark)	Covert (Light)		Green (Dark)		Tan (Medium)	White
			Cloth	Vinyl	Cloth	Cloth	Vinyl	Cloth	Vinyl	Vinyl	Vinyl
MALIBU	Bench	703	704	724	730	732		713	720	743	
	Sport Coupe	Strato-Bucket (Opt. A51)		704		732		713	720	743	
	Sport Sedan	Bench	703	704	724	730	732		713	743	
	4-Door Sedan	Bench	703	704	724	730	732		713	720	
	Convertible	Bench		704				713		743	
		Strato-Bucket (Opt. A51)		704				713		743	
CHEVELLE	Sport Coupe	Bench	702	701	723			711	710	719	
	4-Door Sedan	Bench	702	701	723			711	719		
EXTERIOR COLOR	CODE										
SOLID	Lower	Upper									
Blue, Ascot	24	24	X	X						X	
Blue, Mulsanne	26	26	X	X						X	
Bronze, Midnight	68	68	X		X			X		X	
Brown, Golden	57	57	X		X			X		X	
Gold, Mohave	63	63	X		X			X		X	
Gold, Placer	53	53	X		X					X	
Green, Gulf	43	43	X		X		X			X	
Green, Sequoia	48	48	X		X		X	X		X	
Green, Spring	36	36	X							X	
Orange Flame	65	65	X							X	
Red, Cranberry	75	75	X							X	
Silver, Pewter	14	14	X				X	X		X	
Tan, Covert	50	50	X		X		X	X		X	
White, Antique	11	11	X	X	X		X	X		X	
Yellow, Cream	56	56	X		X			X		X	
TWO-TONE—Not available on Convertible model (With Antique White Upper only)	Lower	Upper									
Blue, Mulsanne (Lower)	26	11	X	X						X	
Brown, Golden (Lower)	57	11	X		X			X		X	
Gold, Mohave (Lower)	63	11	X		X			X		X	
Green, Gulf (Lower)	43	11	X		X		X			X	
Green, Sequoia (Lower)	48	11	X		X		X	X		X	

1970-76 CHEVROLET PRODUCTION OPTIONS

AB7 — Window — Rr. Quarter Louvered	A76 — H.D. Seat Cushion & Back	B90 — Molding — Side Window Reveal
AB8 — Window — Rr. Qtr. Formal Style	A85 — Shoulder Harness — Deluxe Frt.	B93 — Guards — Door Edge
AC3 — Seat Adjuster — 6 Way Power, Bucket	A90 — Lock Release — Rr. Compt. Lid, Remote Control Elec.	B94 — Emblem — Body "GT"
AD3 — Glass — Hinged Roof Window	A99 — Glove Box Lock	B95 — Applique — Pillar
AD7 — Window — Rr. Qtr. Teardrop Less Louvers		B96 — Molding — Wheel Opening
AE1 — Glass — Roof Panel	BB4 — Map Pocket	B97 — Spoiler
AG1 — Seat Adjuster — 6 Way Power, Driver (60-40)	BB8 — Interior Ornam — Door Trim Mldg.	CA1 — Roof — Steel Sliding Sun, Electric
AG2 — Seat Adjuster — 6 Way Power, Pass. (60-40)	BC1 — Interior Ornamentation — Wood Grain	CB4 — Vinyl Padded Roof (Integral Pad) — Rear
AG7 — Seat Adjuster — 6 Way Power, Driver (50-50)	BC5 — Interior Ornam — Load Compt. — Carpet	CB5 — Vinyl Padded Roof(W/ ¼" Pad) — Full
AK1 — Belts — Deluxe	BF2 — Carpet — Floor Covering — Deluxe	CB7 — Vinyl Padded Roof (Integral Pad) — Front
AM6 — Seat Asm. — Frt. Seat Split (60-40) W/Center Arm Rest	BG1 — Floor Mat — Heavy Duty	CC1 — Panels — Removable Roof Hatch
AM7 — Folding Rear Seat Asm.	BG9 — Covering — Floor — Rubber	CD2 — W/S Washer Jar Fluid Level Monitor
AN5 — Seat Asm. — Pass. Reclining (40-40)	BS1 — Quiet Sound Group	CD4 — Washer & Wiper — Windshield, Pulse System
AN6 — Seat Back — Adjustable, Driver	BS2 — Acoustical Package	CF4 — Roof — Sliding Sun
AN7 — Seat Asm. — Bucket, Shell Type Swivel	BW2 — Molding — Body Side Protection	CF5 — Astro Roof — Elec.
AQ4 — Seat Asm. — Sta. Wag. 3rd Seat	BW6 — Exterior Decor Package	C04 — Vinyl Padded Roof (w/ ¼" Pad) — Rear
AQ9 — Seat Asm. — Bucket, Pass. Reclining	BW7 — Ext. Ornam — Pillar Applique	C09 — Vinyl Padded Roof (Integral Pad) — Full
AR5 — Seat Asm. — Bucket, European Style	BX1 — Ext. Ornam — Front End Panel	C18 — Black Windshield Wiper and Blade
AR9 — Seat Asm. — Bucket, European Style	BX3 — Exterior Ornamentation — Wood Grain Side Panel	C24 — Wipers — Recess Parked
AS4 — Rear Seat Deluxe Shoulder Harness	BX6 — Ext. Ornam — Mldg. and Applique	C41 — Heater & Defroster — Outside Air
AT6 — Recliner Seat — RH Manual	BX7 — Door Edge Guards	C46 — Heater — Hi-Flow
AT8 — Seat Asm. — Adjustable, (50-50) Pass. Reclining	BX8 — Molding — Used W/Two Tone Paint	C49 — Defogger — Rear Window, Electric
AU1 — Key — Single Car	BX9 — Ornament — Front End Panel	C50 — Defogger — Rear Window
AU3 — Lock — Side Doors, Electric	BY1 — Ext. Ornam — Body Emblem	C51 — Deflector — Station Wagon Air
AU4 — Lock — Side Door, Electric Automatic	BY2 — Police Body Equipment	C54 — Heated Rr. Window Defogger
AU5 — Lock — Seat Back & Side Door, Electric	BY4 — Int. Ornam — Inst. Panel Monogram	C60 — Air Conditioner — Manual Cont.
AU6 — Lock Release — Tail Gate, Remote Control Electric	B1Q — Lock — Power Tail Gate	C61 — Air Conditioner — Auto. Cont.
AU7 — Key — Single — For Total Fleet	B3X — Estate Equipment	C65 — Air Conditioner — Semi-Auto. Cont.
AV3 — Cargo Tie Downs	B02 — Special Body — Taxi Cab	C80 — Switch — Frt. Door Jamb
AV7 — Seat Asm. — Front (50-50)	B07 — Special Body — Police Car.	C81 — Switch — Rear Door Jamb
A01 — Glass — Tinted, All Windows (Tinted Windshield)	B09 — H.D. Police Package	C87 — Lamp — Rear Qtr. Courtesy
A02 — Glass — Tinted, Windshield (Tinted Upper)	B22 — Emblem — Door	C88 — Lamp — Rear Compt. Courtesy
A20 — Glass — Rear Qtr. Vent. Swing Out	B26 — Handle — Door Pull Interior	C90 — Lamp — Combination Courtesy & Door Wiring
A31 — Window — Power Operated, All (Exc. Vent)	B28 — Floor Mats — Carpet Insert	C91 — Lamp — Front Dome
A39 — Seat Belts — Frt., Rr., Ctr. Deluxe Type	B30 — Carpet — Floor Covering	C93 — Lamp — Opra — Exterior Lock Pillar or Sail Panel
A41 — Frt. Seat Elec. CH—4-Way Bench Seat	B32 — Mat — Front Floor Throw	C95 — Lamp — Dome & Reading
A42 — Seat Adjuster 6-Way Power. Single Unit	B33 — Mat — Rear Floor Throw	C97 — Lamp Courtesy — Door Handle Operated
A44 — Seat Adjuster	B34 — H.D. Frt. Floor Mats	
A46 — Elec. 4-Way Seat Adjuster (L.H. Bucket Seat Only)	B35 — H.D. Rr. Floor Mats	DF3 — Mirror — Remote Control RH. Chrome
A50 — Seat Asm. — Front Bucket — Formed	B36 — Mat — Luggage Compartment	DH5 — Mirror — Visor Vanity — Left
A51 — Seat Asm. — Bucket (L & R) Contour	B37 — Floor Mats — Front & Rr.	DJ9 — Mirror — Rear View RH. Sport Type
A52 — Seat Asm. — Bench	B39 — Carpet — Load Floor and Deck Lid	DL1 — Decals and Stripes
A65 — Seat Back — Frt. Seat Split	B44 — Carpet — Load Floor Seat Back	DX4 — Tape — Accent Stripe
A66 — Seat Back — 2nd Seat Split	B48 — Luggage Compt. Trim	DX9 — Tape — Accent Stripe
A75 — Seat Asm. — Heavy Duty — Front	B51 — Moulding — Rocker Panel Wide	D24 — Litter Container
	B65 — Trunk Asm. — Floor Cover	D31 — Mirror — Inside Tilt Rearview (Non Glare)
	B71 — Exterior Ornam — Custom Whl. Opening Mldgs.	D33 — Mirror — Remote Control LH. Chrome
	B75 — Lining — Luggage Compt.	D34 — Mirror — Visor Vanity
	B77 — Molding — Windshield Reveal	D35 — Mirror — Remote Control LH. Custom
	B79 — Exterior Ornamentation — Rr. End	
	B80 — Molding — Roof Drip	
	B83 — Molding — Rocker Panel	
	B84 — Molding — Body Side	
	B85 — Molding — Belt Reveal	
	B86 — Molding — Custom Rear Qtr. Lower	
	B89 — Molding — Back Window Reveal	

1970-76 CHEVROLET PRODUCTION OPTIONS

T33	— Nameplate — Front Fender	VE5	— Strip — Front & Rr. Bumper Impact	YJ9	— Exterior Decor Package
T41	— Hood — Special Sheet Metal	VF6	— Bumper — Rear Step	Y02	— Seat — Front Custom
T44	— Lock — Hood Interior Operated	VG4	— Protector — Bumper Filler	Y03	— Seat — Rear Custom
T52	— Ornamentation — Front	VG8	— Bumper — Rear With Vinyl Insert	Y05	— Deadener — Floor
T53	— Molding — Front Fender	VJ9	— Exhaust Emission Level (Calif. Cars)	Y07	— Molding — Side Window Reveal
T58	— Skirt — Rear Wheel Opening	VK1	— License Plate — Frt. Mounting Pkg.	Y10	— Custom Doors and Qtr.
T60	— Battery Case — H.D. Plastic	VK3	— Mounting — Frt. Lic. Plate	Y11	— Seat — Front — Special Design
T63	— Headlamp — On Warning System (Buzzer)	VO1	— Radiator — Heavy Duty (Var. 1)	Y12	— Seat — Rear — Special Design
T70	— Lamp Group	VO2	— Radiator — Heavy Duty (Var. 2)	Y19	— Molding — Body Side Lower
T81	— Headlamp Delay Package	V30	— Guards — Frt. & Rr. Bumper	Y40	— Heavy Duty Cooling
T82	— On-Off Control — Headlamp Automatic	V31	— Guards — Front Bumper (Chrome)	Y51	— Molding Group
T87	— Lamps — Cornering	V32	— Guards — Rear Bumper — (Chrome)	Y53	— Frt. & Rr. Bumper Guards
T93	— Lamp — Tail & Stop Reflex Asm.	V55	— Carrier — Roof Luggage	Y56	— Accessory Group
UA1	— Battery — Heavy Duty	V56	— Lock & Trim — Luggage Compartment	Y60	— Convenience Group
U87	— Cluster Asm. — Warning and Trip Odometer	V65	— Bumper — Light Duty	Y62	— Instrument Cluster — Special Features
UE8	— Clock — Electric (Digital)	V81	— Trailer Provisions — SAE Class 1 (2000 lbs.)	Y66	— SX Package
UF3	— Lamp — Map (W/Sun Visor Support)	V82	— Trailer Provisions — SAE Class 2 (3500 lbs.)	Y67	— Low Washer Fluid Level Indicator
UF7	— Cluster — Oil Temp., Volt Meter, Fuel Economy	WA3	— Power Seat — 6 Way (Pass. & Driver)	Y70	— Stripe — Decal
UF8	— Switch — Dimmer Headlamp	WA5	— Dual Speakers (Frt. & Rear)	Y71	— Outside Temp. Indicator
UH1	— Lamp Monitor — Electric	WB2	— AM Stereo Radio Tape	Y72	— H.D. Engine Cooling
UM1	— AM Radio & 8 Track Tape Player	WB3	— AM-FM Stereo Radio Tape	Y74	— Moldings — Rocker and Wheel Opng.
UM2	— AM-FM Stereo Radio & 8 Track Tape Player	WB4	— AM-FM Stereo Radio	Y79	— Appearance Option
UN9	— Radio Suppression Equip.	WB6	— Gauges — Instrument Cluster W/Clock	Y82	— Golden Anniversary—
U05	— Dual Horns	WB7	— Vinyl Roof — Rear Vinyl (Pad Attached)	Y83	— LI Option —
UR1	— Fuel Economy Vacuum Gauge	WC2	— Moulding Package	Y90	— Custom Trim
UX6	— Front Dual Speakers	WC4	— Convenience Group	Y92	— Lamp Group
UX9	— Speaker — Front	WC9	— Exhaust Emission Group (Calif.)	Y96	— Firm Ride Option
UY8	— Radio — AM/FM — Digital Clock	WD3	— Appearance Group	Y97	— SI Option
U05	— Dual Horns	WD4	— Accessory Package	Y99	— Handling Package
U09	— Horn — Four Note	WF5	— Custom Trim Group	ZE2	— Olympic Edition Program Content
U11	— Police Car Speedo	WH3	— Appearance Group	ZJ1	— Custom Interior
U14	— Rally Gauge — Tach & Clock	WH4	— Tachometer & Clock	ZJ2	— Custom Exterior
U15	— Speed Alert — Trip Odometer	WH5	— Handling Package	ZJ3	— Interior Decor and Convenience Group
U18	— Kilo Speedo	WJ7	— Leather — Custom	ZJ4	— Seat Belt, Check Doors, Low Fuel Warning Lites
U21	— Instrument Panel Gauges	W02	— Wood Grain Group	ZJ5	— Exterior Decor
U25	— Lamp — Luggage Compt.	WT1	— Suspension — Bias Tire	ZK7	— Noise Level Control
U26	— Lamp — Engine Compt.	WU2	— G.T. Option	ZL2	— Special Ducted Hood Air System
U27	— Lamp — Inst. Panel Compt.	WU7	— Third Seat — Wagon	ZL9	— Luxury Interior
U28	— Lamp — Ash Tray	WW8	— Instrument Panel Tach., Rally Clock, Gauges	ZN5	— Color Coded Rally Wheels
U29	— Lamp — Inst. Panel Courtesy	WY5	— Suspension — Radial Tuned	ZX5	— Appearance Group
U30	— Instrument Gauges	W20	— Convenience Group	Z01	— "Spyder" Model
U35	— Electric Clock	W50	— Appearance Group	Z02	— Spyder Appearance Equipment
U37	— Lighter — Cigar	W60	— Appearance — Special Esprit	Z03	— Landau Equipment
U38	— Warning System — Low Coolant	W61	— Decor — Simulated Wood	Z06	— Luxury Interior Trim
U41	— Indicator — Low Fuel	W62	— Luxury Appointment Group	ZP5	— Appearance Guard Group
U46	— Monitor — External Lamp	W63	— Rally Clock & Gauges	ZQ2	— Operating Convenience Group
U57	— Player — Tape	W66	— 400 Sport Option	ZQ9	— Rr. Axle Performance Ratio
U58	— Radio — Stereo (W/Antenna)	W71	— Seat — Custom Front & Rear	ZR8	— Sport Stripes — White
U63	— Radio — Pushbutton Control (W/Antenna)	YC6	— Estate Wood Grain — Vega	Z10	— Impala "LX" Package
U69	— Radio — AM-FM (W/Antenna)	YD1	— Towing Package	Z15	— S.S. Model
U75	— Antenna — Power	YE4	— Exterior & Interior Deluxe	Z20	— Paint — Two-Tone Accent Pkg.
U76	— Antenna — Windshield Embedded	YF3	— "Heavy Chevy" Exterior Decor	Z20	— Two Tone Accent Package
U80	— Speaker — Rear Auxiliary	YF4	— Guard & Strip — Bumper	Z21	— Style Trim
U81	— Speaker — Rear, Dual	YF8	— Black Paint Stripe	Z25	— "SS" 396 Package
U89	— Wiring Harness — Car Trailer (5 Wire)	YJ8	— Cast Aluminum Wheels	Z26	— S.S.
U90	— Wiring Harness — Roof Flasher			Z29	— G.T. Option
U94	— Light Cable — Trailer (7 Wire)			Z54	— Interior Decor/Quiet Sound Group
				Z60	— Monza Towne Coupe
				Z76	— Monte Carlo "S" Package
				Z85	— Rally Sport Equipment
				Z95	— Catalytic Converter Deletion
				Z95	— Leaded Fuel Option

Malibu

Sport Coupe	13637—V8
	13537—Six....6
Sport Sedan	13639—V8....8
Convertible	13667—V8....9
4-Door Sedan	13669—V8
	13569—Six....9

SS

Sport Coupe (13637—V8) with SS equipment RPO Z15.....7
Convertible (13667—V8) with SS equipment RPO Z15.....*

**not illustrated*

Chevelle

Sport Coupe	13437—V8; 13337—Six..12
4-Door Sedan	13469—V8; 13369—Six..14

Heavy Chevy

Sport Coupe (13437—V8) with Heavy Chevy equipment RPO YF3	13
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Interiors

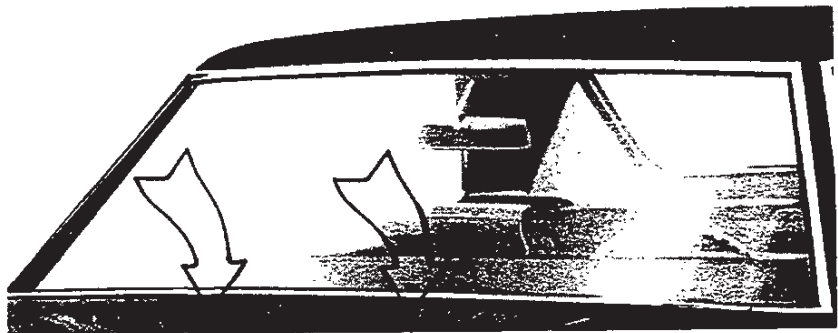
Malibu and SS....	10-11
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Standard Equipment

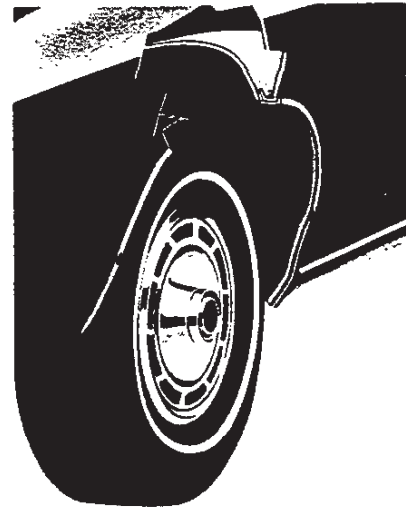
2-5

Color & Trim

16-21



Astro Ventilation system (Sport Coupe and Convertible models)



Inner fenders front and rear

Standard Equipment

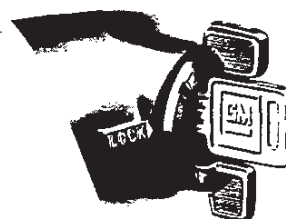
Hide-A-Way windshield wipers on Malibu models ◦ Full door-glass styling (Sport Coupe and Convertible models) ◦ Curved side windows ◦ Hide-A-Way antenna built into windshield glass (with radio) ◦ Astro Ventilation system (Sport Coupe and Convertible models) ◦ Steering wheel with cushioned center ◦ Foot-operated parking brake ◦ Deep-twist carpet floor covering on Malibu models ◦ Foam cushioned front and rear

seats ◦ Efficient valve-in-head engine design ◦ Fuel evaporation control system ◦ Sealed side-terminal energizer battery ◦ Quiet hydraulic valve lifters ◦ Automatic choke on all engines ◦ Advanced accessory drive system on all V8 engines ◦ Positive-shift starter ◦ Long-life exhaust system ◦ Delcotron generator ◦ Side-guard beam door structure ◦ Flush-mounted windshield and rear window bonded to body (except Convertible) ◦ Dual-speed electric windshield wipers ◦ Built-in blended-air heater and defroster system ◦ Cargo-guard

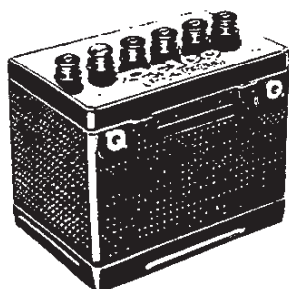
luggage compartment bulkhead ◦ Double-panel door, hood, and deck lid construction ◦ Flush-and-dry rocker panels ◦ Inner fenders front and rear ◦ Magic-Mirror acrylic lacquer finish ◦ Advanced Full Coil suspension system ◦ Computer-selected springs ◦ Self-adjusting brakes ◦ Bias belted ply tires ◦ Separate perimeter-type frame ◦ Advanced body mounting system ◦ Forward-mounted steering gear and linkage



Side-guard beam door structure



Anti-theft steering column lock



Sealed side-terminal energizer battery

Chevelle Safety and Security Features

Occupant Protection Features

Seat belts with pushbutton buckles for all passenger positions
 ◦ Shoulder belts with pushbutton buckles—driver and right front passenger (except Convertible)
 ◦ Two front seat head restraints
 ◦ Energy-absorbing steering column
 ◦ Passenger-guard door locks with forward-mounted lock buttons
 ◦ Safety door latches and hinges
 ◦ Folding seat back latches
 ◦ Energy-absorbing

padded instrument panel and front seat back tops
 ◦ Contoured windshield header (except Convertible)
 ◦ Thick-laminate windshield
 ◦ Padded sun visors
 ◦ Safety armrests
 ◦ Safety steering wheel
 ◦ Side-guard beams
 ◦ Cargo-guard luggage compartment
 ◦ Fuel tank impact security
 ◦ Glove compartment and console door latch impact security
 ◦ Padded or yielding windshield pillar moldings
 ◦ Smooth-contoured door and window regulator handles
 ◦ Soft, low-profile window control knobs, coat hooks, dome light
 ◦ Two front seat belt retractors
 ◦ Shoulder belt anchorages for rear seat outboard occupants
 ◦ Pressure lock radiator cap
 ◦ High-strength front seat anchorages and construction
 ◦ High-strength rear seat retention
 ◦ Stamped steel door hinges

Accident Prevention Features

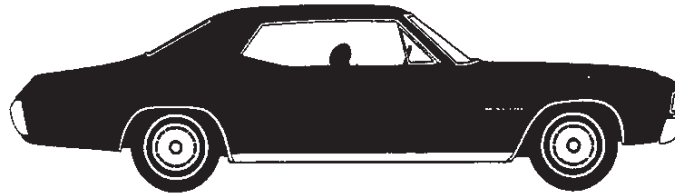
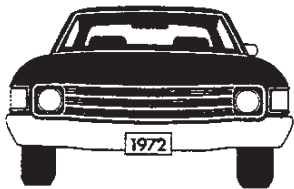
Side marker lights and reflectors (front side marker lights flash with direction signal)
 ◦ Parking lights that illuminate with headlights
 ◦ Four-way hazard warning flasher
 ◦ Back-up lights
 ◦ Lane-change feature in direction signal control
 ◦ Windshield defroster, washers and dual-speed wipers
 ◦ Wide-view inside day-night mirror (vinyl-edged, shatter-resistant glass and deflecting support)
 ◦ Outside rearview mirror
 ◦ Dual master cylinder brake system with warning light
 ◦ Starter safety switch
 ◦ Dual-action safety hood latches
 ◦ Headlight aiming access provision
 ◦ Low-glare instrument panel top, inside windshield moldings, wiper arms and blades, and steering wheel metallic surfaces
 ◦ Safety wheel rims
 ◦ Uniform shift quadrant
 ◦ No winged wheel nuts, covers, or caps
 ◦ Self-adjusting brakes

Anti-Theft Features

Anti-theft ignition key warning buzzer
 ◦ Anti-theft steering column lock
 ◦ Multiple key combinations
 ◦ Visible vehicle identification
 ◦ Tamper-resistant odometer with telltale feature

Chevelle Features

Malibu



Silver-accented grille with bright outline moldings ◦ Bright horizontal grille accent bars ◦ Hood rear edge molding ◦ Bright roof drip molding (except Convertible) ◦ Bright body sill molding ◦ Wheel opening moldings ◦ Bright hub caps ◦ Bumper-mounted taillights with bright accents ◦ Luxurious interior trim with pattern cloth and vinyl upholstery (all-vinyl interior standard on Convertible;

available for other models at extra cost. All-vinyl Strato-bucket seats also available for Sport Coupe and Convertible) ◦ Vinyl door and sidewall panels with bright accents ◦ Color-keyed deep-twist carpeting ◦ Cigarette lighter ◦ Glove compartment lock and light ◦ Instrument panel courtesy lights on Convertible ◦ Center dome light ◦ Front door automatic dome and courtesy light switches ◦ Foam-cushioned

front and rear seats ◦ Armrests front and rear ◦ Luggage compartment mat

Appearance features available for Malibu include: vinyl roof cover; body side molding; bright side window moldings (4-Door Sedan only); sport stripes (Sport Coupe and Convertible only); full wheel covers; custom wheel covers; rally wheels; white stripe tires.

SS*

**Malibu Sport Coupe or Convertible with 165-, 175-, 240- or 270-hp V8 and RPO Z15 SS equipment. Bold face indicates feature in addition to or replacing standard Malibu equipment.*



Black grille with bright outline molding and SS emblem ◦ **Special domed hood with lock pins** ◦ Hood rear edge molding ◦ **Left hand remote control Sport mirror** ◦ Bright roof drip molding (except Convertible) ◦ Bright body sill molding ◦ Wheel opening moldings ◦ **15 x 7 Sport wheels** ◦ **White lettered F60 x 15 tires** ◦ Bumper-mounted taillights with bright accents ◦ Luxurious interior trim with pattern cloth and vinyl

upholstery (all-vinyl interior standard on Convertible; available for Sport Coupe at extra cost. All-vinyl Strato-bucket seats also available) ◦ Vinyl door and sidewall panels with bright accents ◦ Color-keyed deep-twist carpeting ◦ Cigarette lighter ◦ Glove compartment lock and light ◦ Instrument panel courtesy lights on Convertible ◦ Center dome light ◦ Front door automatic dome and courtesy light switches

◦ Foam-cushioned front and rear seats ◦ Armrests front and rear ◦ Luggage compartment mat ◦ **Power disc/drum brakes** ◦ **Sport suspension**

Appearance features available for SS include: vinyl roof cover; body side molding; cowl induction hood; sport stripes (included with cowl induction hood)

Chevelle Features

Chevelle



Silver-accented grille with bright outline molding ◦ Hood rear edge molding ◦ Bright hub caps
◦ Bumper-mounted taillights
◦ Distinctive interior trim with pattern cloth and vinyl upholstery (all-vinyl interior available at extra cost) ◦ Vinyl door and sidewall panels with bright

accents ◦ Simulated wood-burl accents on doors ◦ Color-keyed vinyl-coated rubber floor covering
◦ Cigarette lighter ◦ Glove compartment lock ◦ Center dome light ◦ Front door automatic dome light switches ◦ Foam-cushioned front and rear seats
◦ Armrests front and rear

Appearance features available for Chevelle include: vinyl roof cover; body side molding; bright side window moldings (4-Door Sedan only); full wheel covers; custom wheel covers; rally wheels; white stripe tires.

Heavy Chevy*

**Chevelle Sport Coupe (V8) with RPO YF3 Heavy Chevy equipment. Bold face indicates feature in addition to or replacing standard Chevelle equipment.*



Black grille with bright outline molding ◦ **Special domed hood with lock pins** ◦ Hood rear edge molding ◦ **Special side striping** ◦ **14 x 6 rally-type wheels with special center caps and bright lug nuts** ◦ Bumper-mounted taillights
◦ Distinctive interior trim with pattern cloth and vinyl upholstery

(all-vinyl interior available at extra cost) ◦ Vinyl door and sidewall panels with bright accents ◦ Simulated wood-burl accents on doors ◦ Color-keyed vinyl-coated rubber floor covering
◦ Cigarette lighter ◦ Glove compartment lock ◦ Center dome light ◦ Front door automatic

dome light switches ◦ Foam-cushioned front and rear seats
◦ Armrests front and rear

Appearance features available for Heavy Chevy include: vinyl roof cover; white stripe tires.

Malibu Sport Coupe

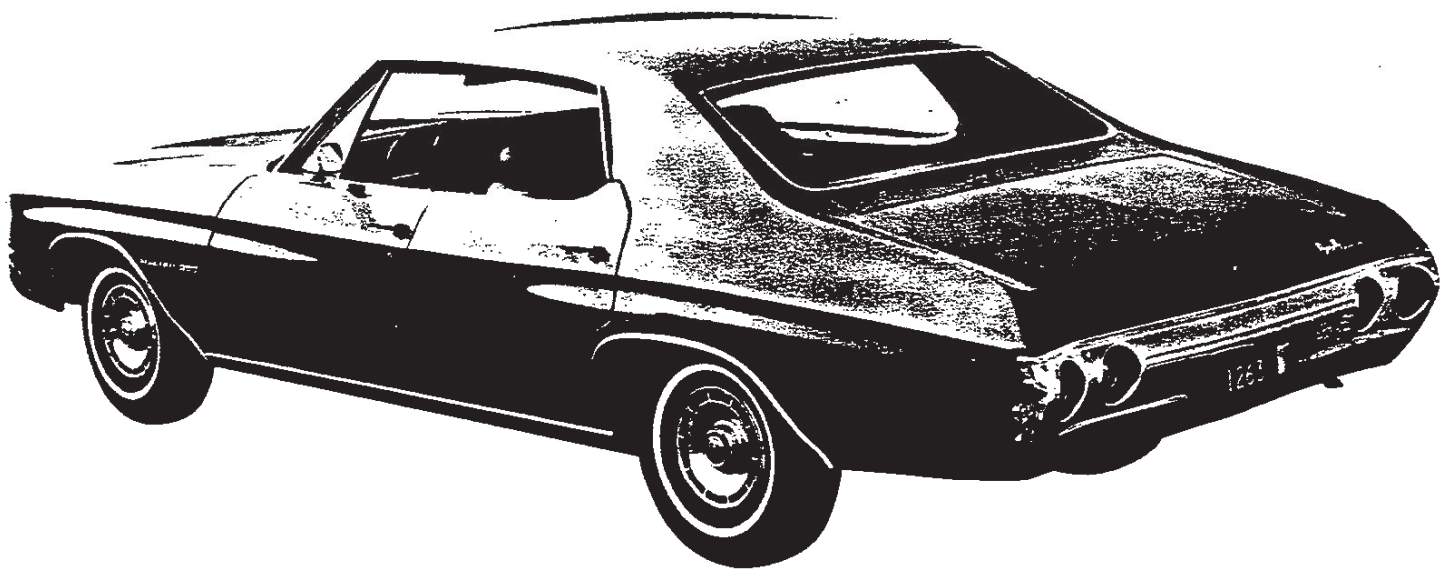


SS Sport Coupe*

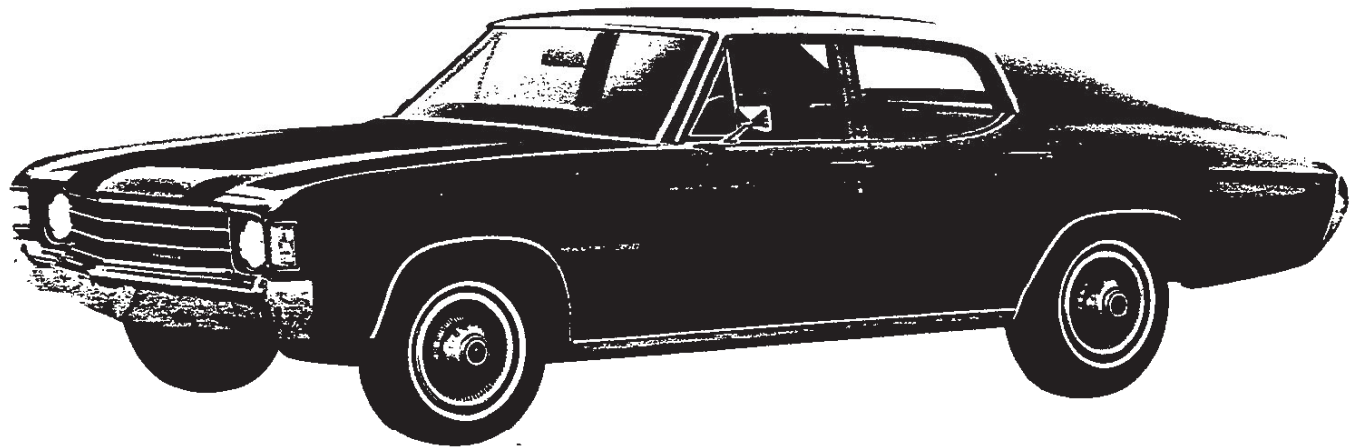
**Malibu V8 Sport Coupe with extra-cost
SS equipment—RPO Z15. Also
available for Malibu Convertible*



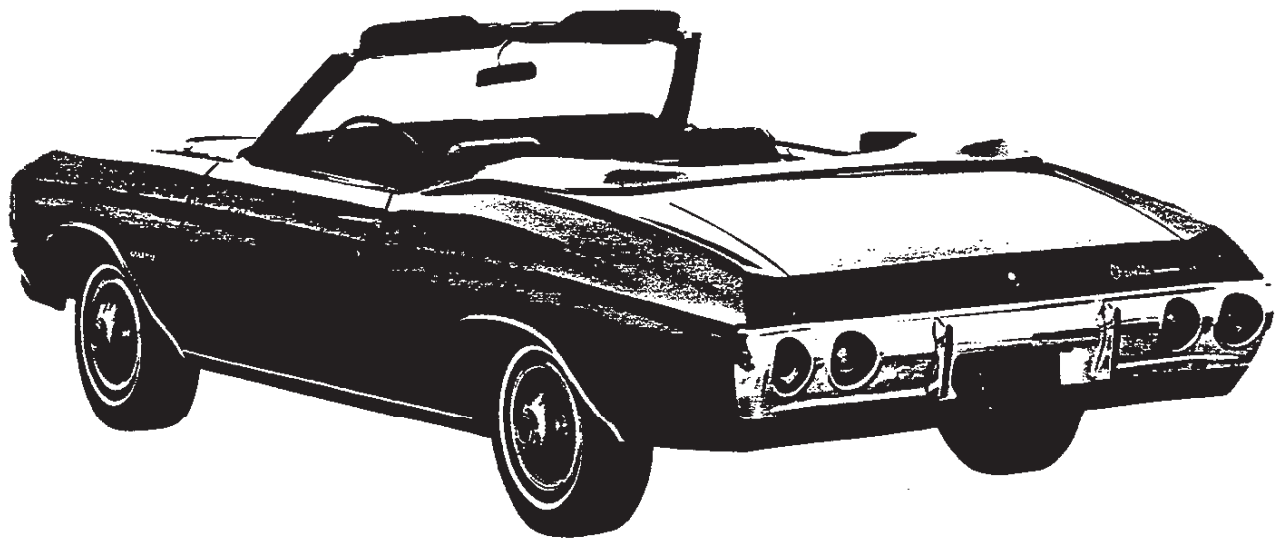
Malibu Sport Sedan



Malibu 4-Door Sedan



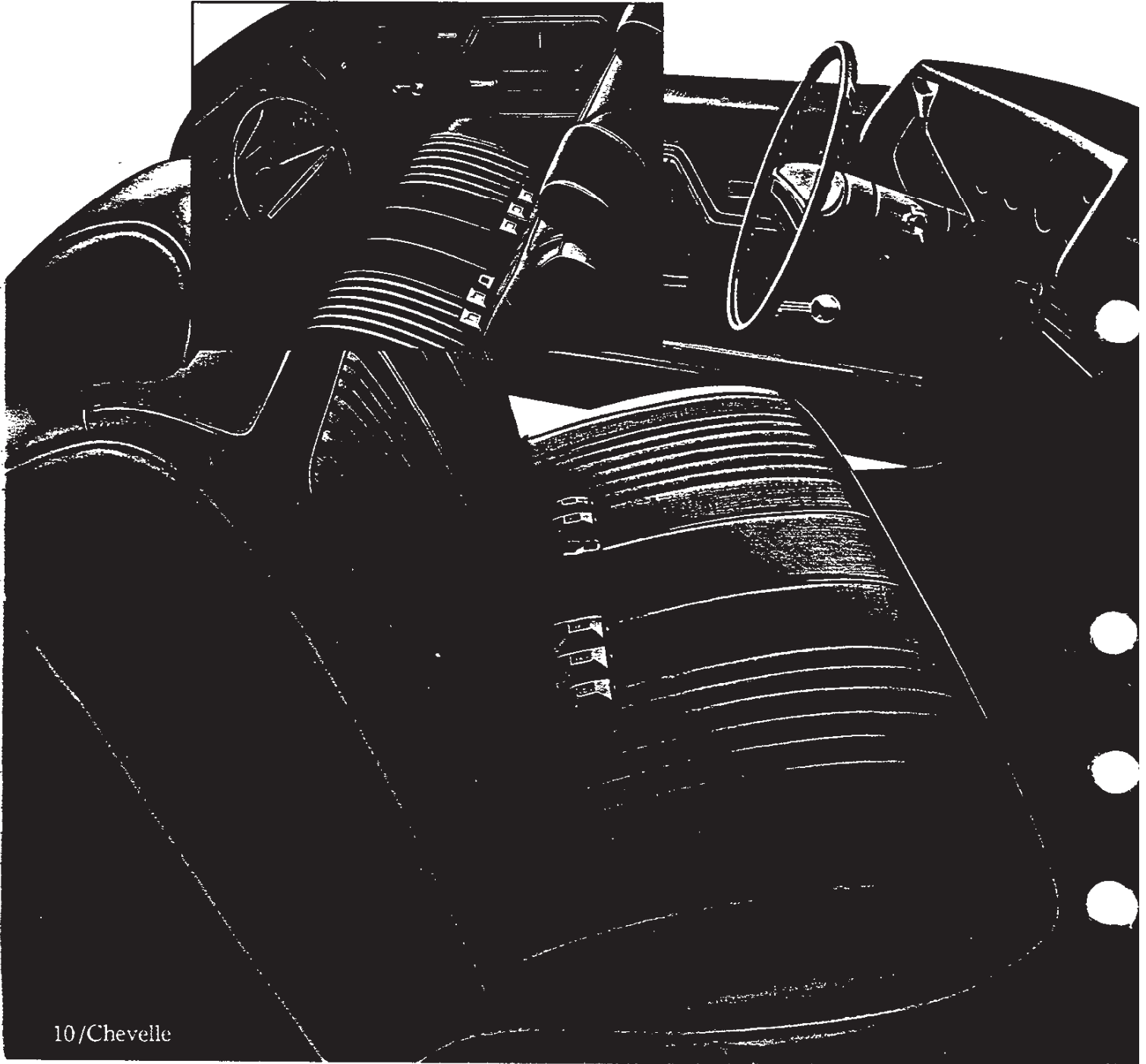
Malibu Convertible



Malibu Cloth & Vinyl* Interior

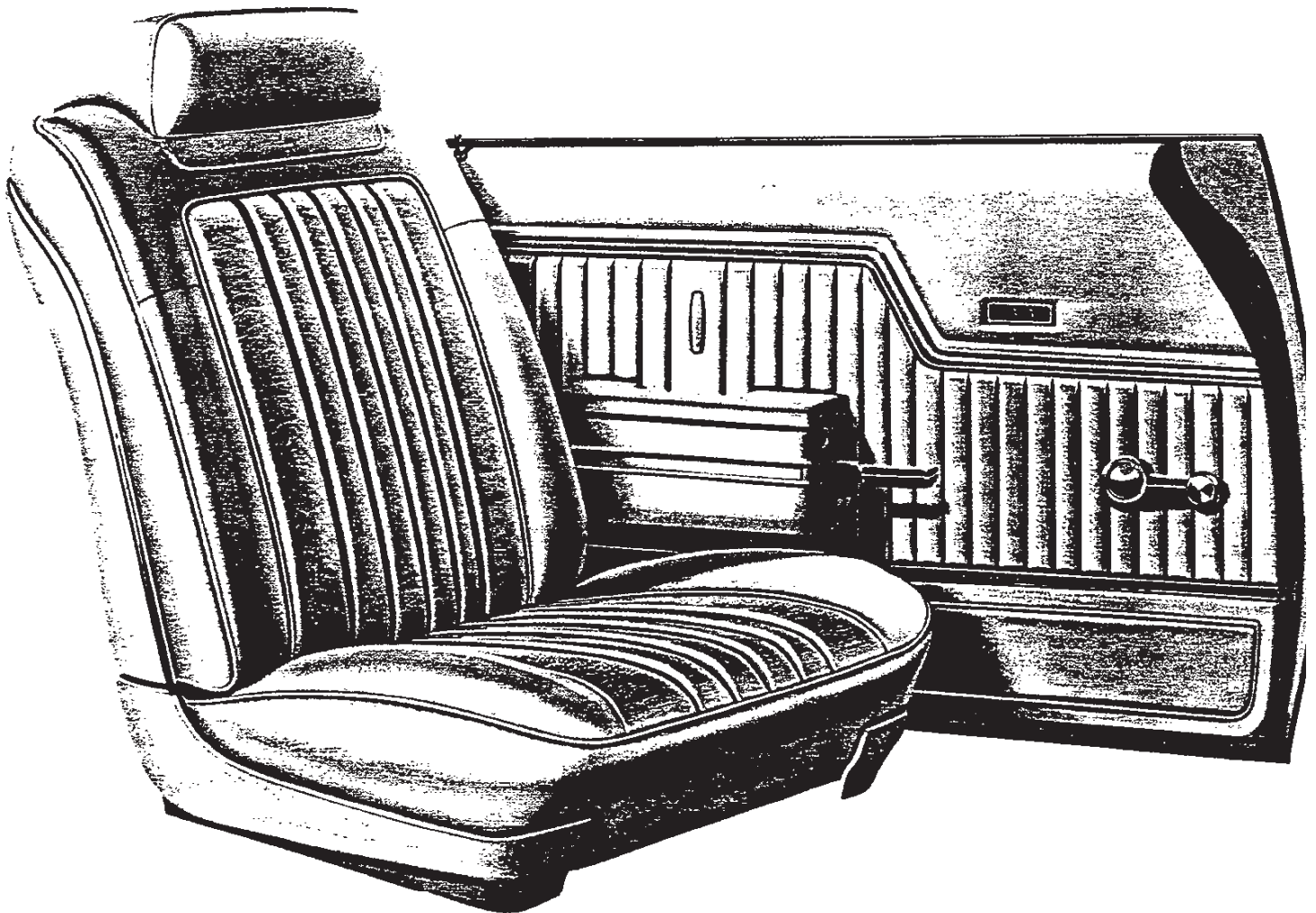
**standard*

All-vinyl interior standard on Convertible;
available at extra cost on other models.

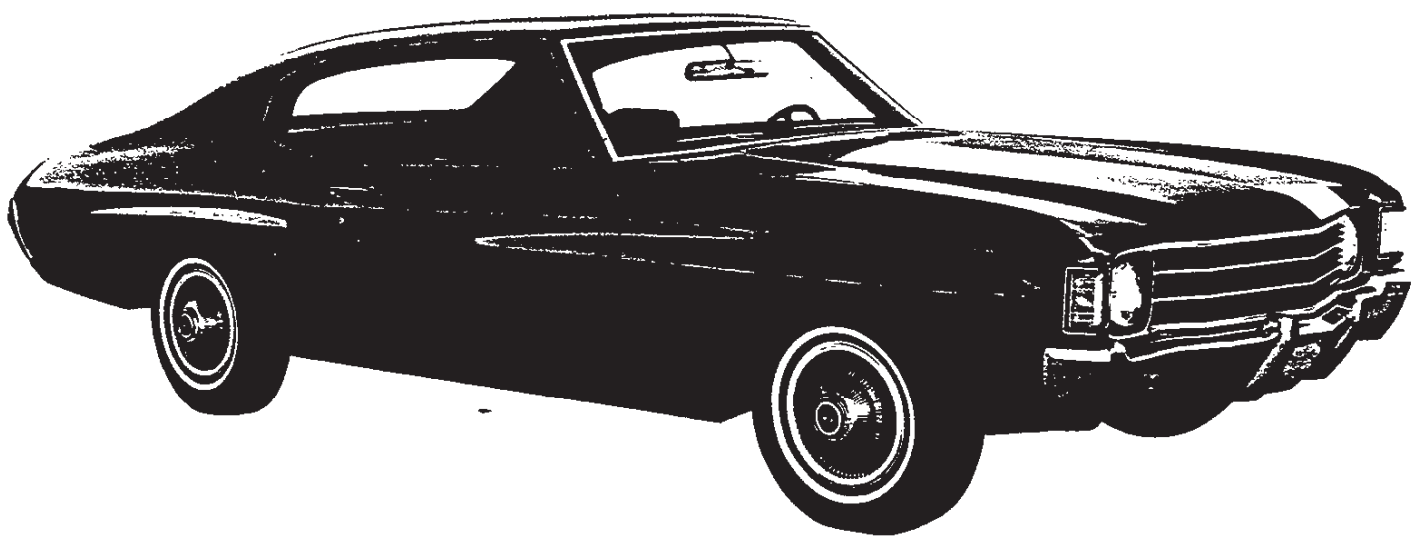


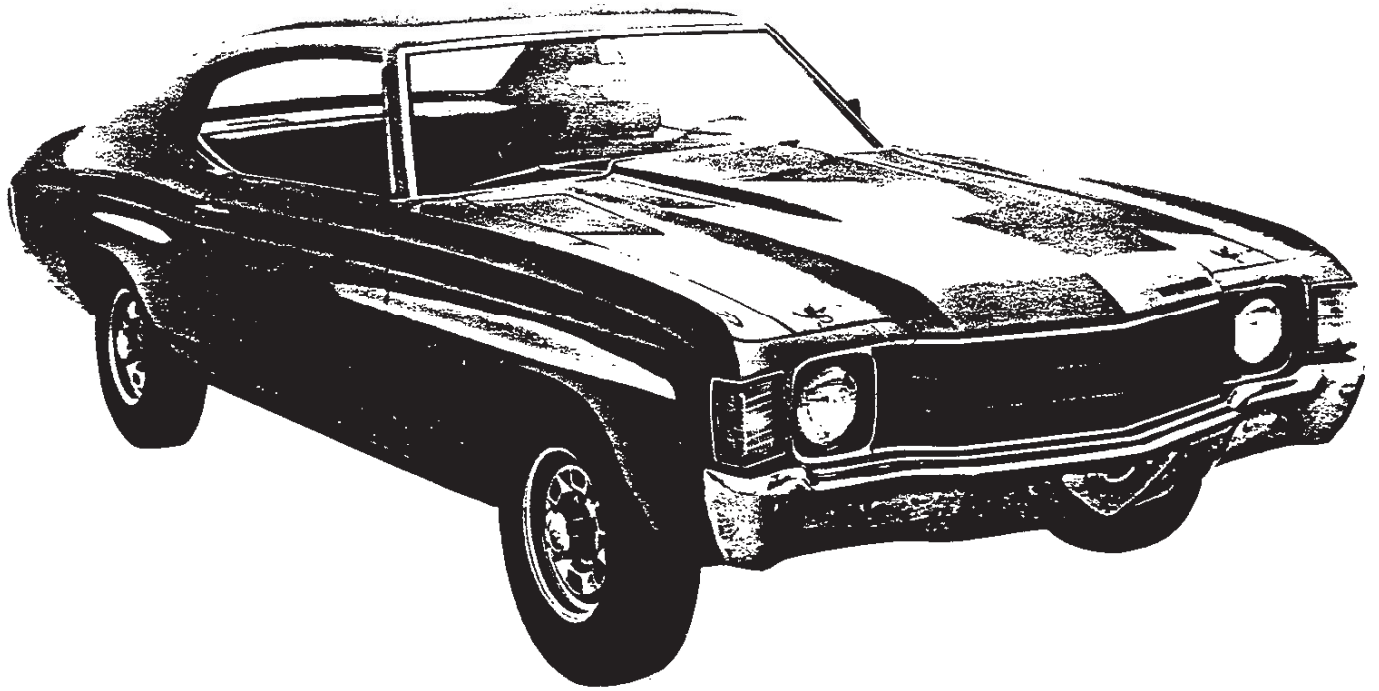
Malibu Strato-Bucket Seat^{*} Interior

**All vinyl. Available at extra cost
for Sport Coupe and Convertible*



Chevelle Sport Coupe

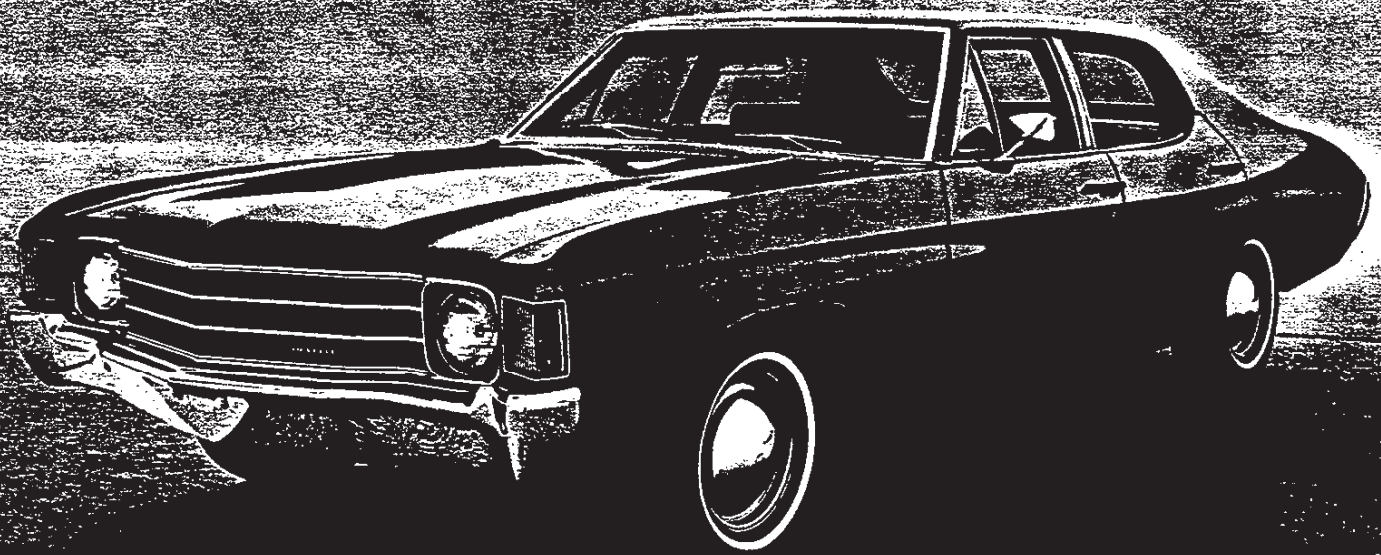




Heavy Chevy*

**Chevelle V8 Sport Coupe with extra-cost Heavy Chevy equipment — RPO YF3*

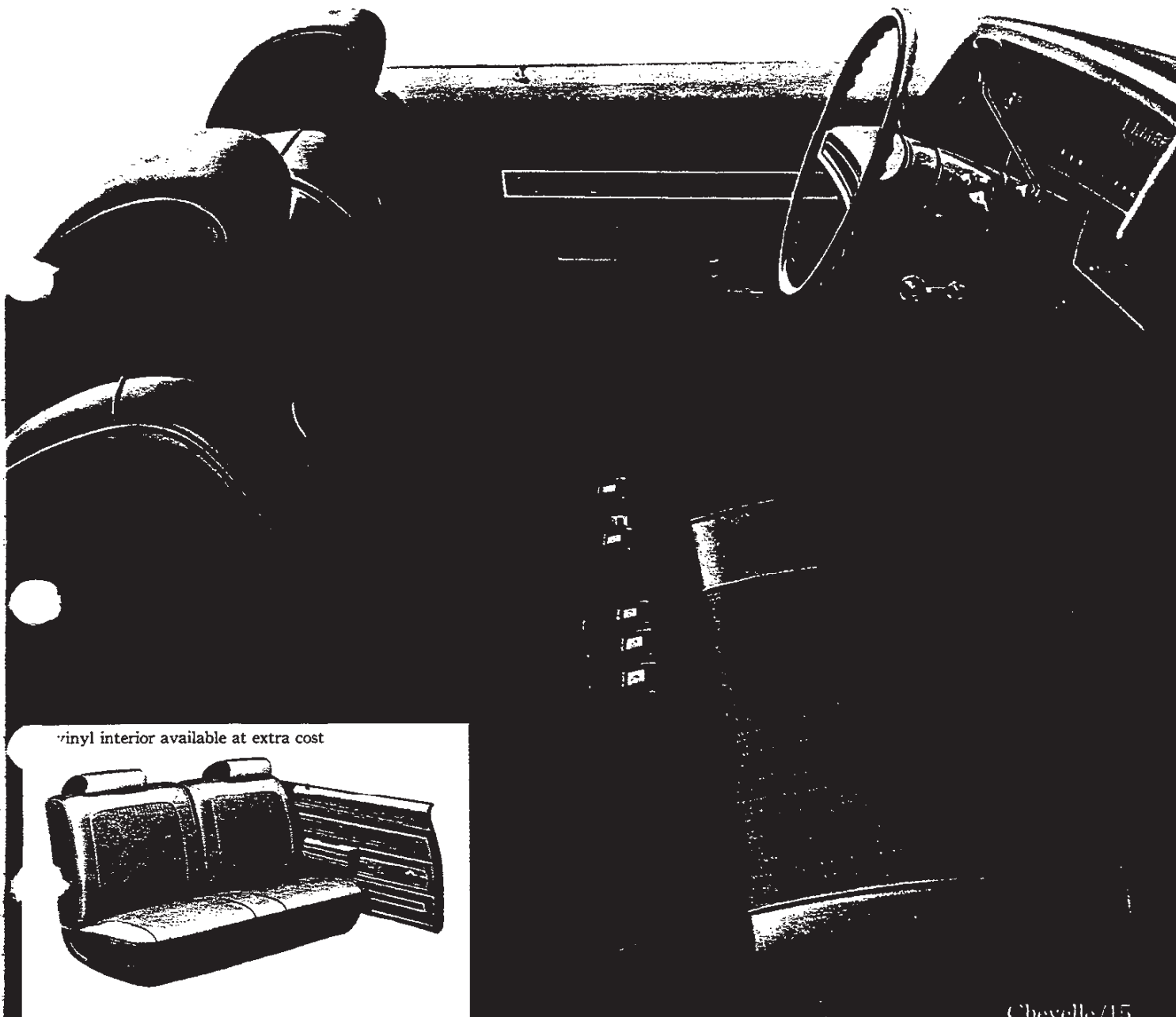
Chevelle 4-Door Sedan



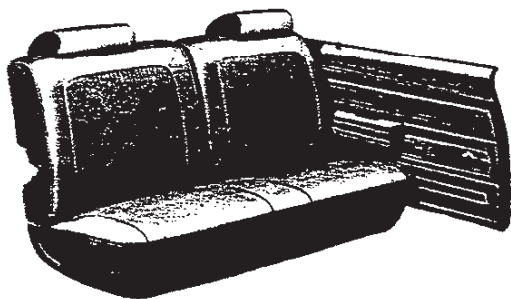
Chevelle Cloth & Vinyl*

Interior

**standard*



vinyl interior available at extra cost



Chevelle/15

Chevelle Color & Trim

Interior Trim

models	seat style	Black		Blue	Covert		Green		Tan	White
		cloth	vinyl	cloth	cloth	vinyl	cloth	vinyl	vinyl	vinyl
Malibu Sport Coupe	conventional	703	704	724	730	732		713	720	743
	Strato-bucket (RPO A51)		704			732		713	720	743
Malibu Sport Sedan	conventional	703	704	724	730	732		713		743
Malibu 4-Door Sedan	conventional	703	704	724	730	732		713	720	
Malibu Convertible	conventional		704					713		743
	Strato-bucket (RPO A51)		704					713		743
Chevelle Sport Coupe	conventional	702	701	723			711	710	719	
Chevelle 4-Door Sedan	conventional	702	701	723			711		719	

Exterior Colors

	code							
Ascot Blue	24	X	X					X
Mulsanne Blue	26	X	X					X
Midnight Bronze	68	X		X			X	X
Golden Brown	57	X		X			X	X
Mohave Gold	63	X		X			X	X
Placer Gold	53	X		X				X
Gulf Green	43	X		X		X		X
Sequoia Green	48	X		X		X	X	X
Spring Green	36	X						X
Orange Flame	65	X						X
Cranberry Red	75	X						X
Pewter Silver	14	X				X	X	X
Covert Tan	50	X		X		X	X	X
Antique White	11	X	X	X		X	X	X
Cream Yellow	65	X		X			X	X

Two-tone Combinations

lower color	code	upper color	code						
Mulsanne Blue	26	Antique White	11	X	X				X
Golden Brown	57	Antique White	11	X		X		X	X
Mohave Gold	63	Antique White	11	X		X		X	X
Gulf Green	43	Antique White	11	X		X	X		X
Sequoia Green	48	Antique White	11	X		X	X	X	X

Vinyl Roof Cover Color Choices (RPO C08)

vinyl roof color	code	exterior color availability
Black	BB	all exterior colors
Covert	TT	Golden Brown, Midnight Bronze, Mohave Gold, Placer Gold, Sequoia Green, Orange Flame, Covert Tan, Antique White or Cream Yellow
Green	GG	Gulf Green, Sequoia Green, Pewter Silver or Antique White
Tan	FF	Midnight Bronze, Mohave Gold or Antique White
White	AA	all exterior colors

Convertible Top Colors—Choice of white or black top available with all exterior colors.

Seat and Shoulder Belt Colors Standard seat and shoulder belt buckles black; custom deluxe buckles brush-finished.

interior trim color	standard style belts	custom deluxe belts
Black	Black	Black
Blue	Black	Dark Blue
Covert	Black	Covert
Green	Black	Dark Green
Tan	Black	Tan
White	Black	Black

Colors for Sport Stripes* (RPO D88)—Included With Cowl Induction Hood** (RPO ZL2)

Black Sport Stripes (RPO D88/YF8; ZL2/YF8) available with all exterior colors.

White Sport Stripes (RPO D88/ZR8; ZL2/ZR8) available with all exterior colors except Antique White (11).

*Available for Malibu Sport Coupe and Convertible. **Available only with SS equipment and 240- or 270-hp V8 engine.

Special Side Striping Colors—Included With Heavy Chevy Equipment† (RPO YF3)

Black Side Striping (RPO YF3/YF8) available with all exterior colors.

White Side Striping (RPO YF3/ZR8) available with all exterior colors except Antique White (11).

†Available for Chevelle Sport Coupe (V8) only.

GENERAL

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EXTRA COST EQUIPMENT	15-18
AIR CONDITIONING EQUIPMENT	19

MODEL IDENTIFICATION

CHEVELLE

- MODEL 133-13437 2-DOOR SPORT COUPE, 6-PASSENGER
- MODEL 133-13469 4-DOOR SEDAN, 6-PASSENGER
- MODEL 133-13480 2-DOOR SEDAN PICKUP, 3-PASSENGER

MALIBU

SERIES 135-13600

- MODEL 135-13669 4-DOOR SEDAN, 6-PASSENGER
- MODEL 13639 4-DOOR SPORT SEDAN, 6-PASSENGER
- MODEL 135-13637 2-DOOR SPORT COUPE, 6-PASSENGER
- MODEL 13667 2-DOOR CONVERTIBLE, 6-PASSENGER
- MODEL 13680 2-DOOR SEDAN PICKUP, 3-PASSENGER

CHEVELLE STATION WAGONS

- MODEL 131-13236 NOMAD 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13436 GREENBRIER 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13446 GREENBRIER 4-DOOR STATION WAGON, 3-SEAT
- MODEL 13636 CONCOURS 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13646 CONCOURS 4-DOOR STATION WAGON, 3-SEAT
- MODEL 13836 CONCOURS ESTATE 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13846 CONCOURS ESTATE 4-DOOR STATION WAGON, 3-SEAT

ONLY BASIC DESIGNATIONS SHOWN

ENGINE IDENTIFICATION

1 B 36 D 2 B 500001

***B - Baltimore-GMAD I - Van Nuys-GMAD**
K - Leeds-GMAD R - Arlington-GMAD

Canadian Plant
No. 1 Oshawa

****D - L6-250 (110 H.P.) J - V8-350 (175 H.P.)**
F - V8-307 (130 H.P.) U - V8-402 (240 H.P.)
H - V8-350 (165 H.P.) W - V8-454 (270 H.P.)

****B - Nomad D - Malibu, Concours &**
C - Chevelle, Greenbrier El Camino-Custom
& El Camino (Std.). H - Concours Estate

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

● Example: R3S2E01

Location:

3-Speed	Stamped on, left side just below cover.
4-Speed	Stamped on the right side of the case at adapter.
Powerglide & Turbo	
Hydra-matic (Chevrolet)	Stamped on right hand side of pan.
Turbo Hydra-matic	Nameplate tag on right hand side of the case.

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

Example: F1210CBG

Turbo-Thrift 250, 250 Cubic Inch L-6, Base Engine

Turbo-Fire 307, 307 Cubic Inch V-8, Base Engine

CKG - Regular engine, 3-speed
CKH - Regular engine, Powerglide
CKH - Regular engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 350, 350 Cubic Inch V-8 (RPO-L48)

CKK - Optional engine, 3-speed, 4-bbl. carb.
 CKK - Optional engine, 4-speed, 4-bbl. carb.
 CKD - Optional engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 350, 350 Cubic Inch V-8 (RPO-L65)

CKA - Optional engine, 4-speed, 2-bbl. carb.
CKB - Optional engine, Turbo Hydra-matic (Chevrolet)

Turbo-Jet 400, 402 Cubic Inch V8- (RPO LS3)

CLS - Optional engine, 3-speed, 4-bbl. carb.
CLA - Optional engine, 4-speed, 4-bbl. carb.
CLB - Optional engine, Turbo Hydra-matic, 4-bbl. carb.

Turbo-Jet 454, 454 Cubic Inch V-8 (RPO-LS5)

CPA - Optional engine, 4-speed, 4-bbl. carb.
CPD - Optional engine, Turbo Hydra-matic, 4-bbl. carb.

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

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

FRONT	CHEVELLE	MALIBU
Radiator Grille - Black Plastic with Argent Leading Edges	X	X
Radiator Grille Nameplate - Bright Block "Chevelle"	X	X
Bright Radiator Grille Outline Moldings		X
● Bright Headlamp Bezels with Bright Rings		X
● Black Headlamp Bezels with Bright Rings	X	
● Parking Lamp in Fender Extension - Clear Lens, Amber Bulb		X
● Parking Lamp in Fender Extension - Amber Lens, Clear Bulb	X	
Black Parking Lamp Bezels with Bright Edges	X	X
Body - Color Bumper Filler Panel	X	X
Bright Hood and Fender Molding (at Cowl)	X	X
Bright Windshield Reveal Molding with narrow lower section	X	
Bright Windshield Reveal Molding with Wide Lower Section		X
Non-depressed Park Windshield Wipers with Conventional Linkage	X	
Depressed Park Windshield Wipers with Articulated Left Blade		X
Bright Windshield Header and Pillar Moldings		67
SIDE		
Front Fender Nameplate - "Malibu"		X
● Front Marker Lamp (Integral with Park and Turn Lamp) - Clear Lens with Amber Bulb		X
● Front Marker Lamp (Integral with Park and Turn Lamp) - Amber Lens with Clear Bulb	X	
Rear Marker Lamp with Red Lens and Body-Color Bezel	X	X
Bright Wheel Opening Moldings		X
Bright Wide Rocker Molding		X
Bright Roof Drip Molding		37-39-69
Bright Weatherstrip Retainers	37	37-39
Bright Ventipane Frames	69	39-69
Rectangular LH Outside Rear View Mirror	X	X
Hub Caps	X	X
REAR		
Deck Lid Nameplate - Bright Script and Block "Chevelle by Chevrolet"	X	X
Bright Rear Window Reveal Molding	X	37-39-69
Twin Bumper-mounted Tail Lamps (Outboard Tail, Stop and Turn, and Turn, Inboard Backup)	Plain Lens	Argent Cuff and Bright Ring
Bright Belt Molding		67
Body-Color Valance Panel - below Bumper	X	X

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

	NOMAD	GREENBRIER	CONCOURS	CONCOURS ESTATE
FRONT				
Radiator Grille - Black Plastic with Argent				
Leading Edges	X	X	X	X
Radiator Grille Nameplate - Bright				
Block "Chevrolet"	X	X	X	X
Bright Radiator Grille Outline Moldings	X	X	X	X
● Bright Headlamp Bezels with Bright Rings			X	X
● Black Headlamp Bezels with Bright Rings	X	X		
● Parking Lamp in Fender Extension -				
Clear Lens, Amber Bulb			X	X
● Parking Lamp in Fender Extension -				
Amber Lens, Clear Bulb	X	X		
Black Parking Lamp Bezels with Bright Edges	X	X	X	X
Body Color Bumper Filler Panel	X	X	X	X
Bright Hood and Fender Molding (at Cowl)	X	X	X	X
Bright Windshield Reveal Molding with				
Wide Lower Section			X	X
Bright Windshield Reveal Molding with				
Narrow Lower Section	X	X		
Non-Depressed Park Windshield Wipers with				
Conventional Linkage	X	X		
Depressed Park Windshield Wipers with				
Articulated Left Blade			X	X
SIDE				
Rear Quarter Nameplate - Bright Script				
except Block "Greenbrier"	"Nomad"	"Greenbrier"	"Concours"	"Concours Estate"
● Front Marker Lamp (Integral with Park and				
Turn Lamp) - Clear Lens with Amber Bulb			X	X
● Front Marker Lamp (Integral with Park and				
Turn Lamp) Amber Lens with Clear Bulb	X	X		
Bright Ventipane Frame	X	X	X	X
Bright Wide Rocker Molding		X	X	X
Bright Wheel Opening Moldings			X	X
Bright Drip Molding		X	X	X
Bright Rear Quarter Window Reveal Molding		X	X	X
Painted Rear Quarter Window Reveal Molding	X			
Body Upper and Lower Moldings with Lined				
Oak Applique, Rosewood Applique between				X
Brown-painted Molding in Front Fender				
Bumper Depression				X
Brown-painted Molding in Rear Quarter				
Bumper Depression				X
Rear Quarter Crease Molding with				
Rosewood Applique				X

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

REAR	NOMAD	GREENBRIER	CONCOURS	CONCOURS ESTATE
Tailgate Nameplate — Bright Script "Chevrolet" . . .	X	X	X	X
Backup Lamps mounted in Tailgate	X	X	X	X
Bright Tail Lamp Bezel	X	X		
Bright Tail Lamp Bezel with Black Paint Fill			X	X
Bright Tailgate Window Reveal Molding	X	X	X	X
Twin Tailgate Moldings with Limed Oak Applique.				X
Rosewood Applique Between Brown Painted Molding below Tail Lamps				X
Twin Bright Tailgate Moldings with Black Paint Fill			X	
Rubber Mat in Bumper Step Well	X	X	X	X
Body-to-Bumper Filler Panel with Rubber Mat		46	X	X
Body-to-Bumper Filler Panel with Black Paint	X	36		

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT EL CAMINO

	STANDARD	CUSTOM
FRONT		
Radiator Grille - Black Plastic with Argent Leading Edges	X	X
Radiator Grille Nameplate-Bright Block "Chevrolet"	X	X
Bright Radiator Grille Outline Moldings	X	X
● Bright Headlamp Bezels with Bright Rings		X
● Black Headlamp Bezels with Bright Rings	X	
● Parking Lamp in Fender Extension - Clear Lens, Amber Bulb		X
● Parking Lamp in Fender Extension - Amber Lens, Clear Bulb		
Black Parking Lamp Bezels with Bright Edges	X	X
Body Color Bumper Filler Panel	X	X
Bright Hood and Fender Molding (At Cowl)	X	X
Bright Windshield Reveal Molding with Narrow Lower Section	X	
Bright Windshield Reveal Molding with Wide Lower Section		X
Non-Depressed Park Windshield Wipers with Conventional Linkage	X	
Depressed Park Windshield Wipers with Articulated Left Blade		X
SIDE		
Front Fender Nameplate-Bright Block "El Camino"	X	X
● Front Marker Lamp (Integral with Park and Turn Lamp) - Clear Lens with Amber Bulb		X
● Front Marker Lamp (Integral with Park and Turn Lamp)- Amber Lens with Clear Bulb	X	
Bright Wheel Opening Moldings		X
Lower Body Molding with Black Paint Fill		X
Body Silver Paint Below Lower Body Molding		X
Bright Roof Drip Molding		X
Bright Door Frame Scalp Molding		X
Bright Load Compartment Belt Molding	X	X
Bright Rear Quarter Peak Molding	X	X
Bright Ventipane Frames	X	X
REAR		
Tailgate Nameplate-Bright Block "Chevrolet"	X	X
Backup Lamps - Tailgate-Mounted	X	X
Bumper - Mounted Reflectors	X	X
Bright Rear Window Reveal Molding	X	X
Bright Tailgate Belt Molding	X	X
Bright Horizontal Tailgate Moldings with Black Paint Fill Wood Grain Applique Between		X
Bright Tail Lamp Bezels	X	
Bright Tail Lamp Bezels with Black Paint Fill		X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

ROOF AND PILLARS	CHEVELLE	MALIBU
Headlining - Perforated, Vinyl Coated	X	X
Sail Finish Panel - Matching Headlining	X	X
Vinyl Finish Lace - Windshield Header, Roof Side Rail, Rear Quarter Window, and Rear Window	X	37-39-69
Rear Window Escutcheon - Plastic	X	37-39-69
Windshield Header Covering - Coated Fabric		67
Padded Sunshades (Short, Narrow Type) - Matching Headlining	X	37-39-69
Padded Sunshades (Short, Narrow Type) - Coated Fabric		67
Bright Sunshade Hinge Bezel	X	37-39-69
Windshield-Cemented Rear View Mirror - 12-Inch Prismatic with Gray Padded Edge, Dull Chrome Support	X	X
Dome Lamp - White Lens, Argent Bezel	X	37-39-69
Windshield Pillar Garnish Moldings - Painted Metal (Air Gap Type)	X	37-39-69
Windshield Pillar Garnish Moldings - Plastic (Padded Type)		67
Shoulder Belt Anchor Cover - Plastic	X	37-39-69
Bright Shoulder Belt Clip Retainers	X	37-39-69
Coat Hooks - Vinyl	X	37-39-69
Embossed Board Package Shelf	X	37-39-69
Center Pillar Cover - Plastic	69	39-69
Door Opening Windlace - Vinyl	37	37-67
Front Door Jamb Switches	X	X
Power Operated Folding Top		67

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

<u>SEATS AND FLOOR COVERING</u>	<u>CHEVELLE</u>	<u>MALIBU</u>
Front Bench Seat with 2-Inch Foam Pad Cushion	X	X
Black Seat Adjuster Handle	X	X
Bright Folding Seat Backrest Latch and Bezel	37	37-67
Seat Backrest Hinge Cover - Plastic	37	37-67
Vinyl Trimmed Head Restraints - Adjustable	X	X
Rear Seat Cushion - 1-Inch Foam Pad with 6-Oz. Cotton Pad	X	X
Seat Backrest to Quarter Panel Filler-Painted Textured Metal	37	37
Two Black Front Seat Shoulder Belts	X	37-39-69
Three Black Front Seat Lap Belts	X	X
Three Black Rear Seat Lap Belts	X	X
Front Seat Outboard Lap Belt Retractor Covers	X	X
Color-Keyed Deep Twist Carpet in Passenger Compartment		X
Color-Keyed Vinyl-Coated Rubber Mat in Passenger Compartment	X	
Luggage Compartment Spatter Paint	X	X
Luggage Compartment Mat - Rubber and Foam Backed Vinyl		X
<u>DOOR AND QUARTER PANEL</u>		
Rear Quarter Finish Panel - Plastic	69	39-69
All-Vinyl Door and Quarter Trim Panels	37	37-67
Front Door Padded Armrest	X	X
Rear Door Padded Armrest with Ash Tray	69	39-69
Rear Quarter Armrest with Ash Tray	37	37-67
Bright Door Lock Buttons - Plastic	X	X
Clear Vinyl Window Control Handle Knobs	X	X
Bright Cowl Ventilation Control Knobs	X	X
Bright Astro-Ventilation Control Knobs	37	37-67
Cowl Kick Pads - Plastic	X	X
Folding Top Linkage Finish Panel - Coated Fabric		67
Door Sidewall Series Nameplate - "Malibu"		37-67

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING COLUMN	CHEVELLE	MALIBU
General Cluster Lighting - Blue Tint	X	X
Glove Compartment Light		X
Courtesy Lights		67
Warning Lights - Temperature, Generator, Oil Pressure, Brakes	X	X
Indicators - Hi Beam and Turn Signal	X	X
Two-Speed W/S Wiper and Washer - Slide Type, Depress to Wash, Bright Knob	X	X
Ash Tray	X	X
Heater - Slide Type Controls Bright Knobs, Illuminated	X	X
Light Switch - Black Soft Symbol Knob	X	X
Parking Brake Release - "T" Handle	X	X
Cigarette Lighter - Black Soft Symbol Type Knob	X	X
120 MPH Speedometer - Odometer	X	X
Fuel Gage	X	X
Two Astro-Ventilation Outlets	37	37-67
Glove Compartment Door Lock	X	X
Black Parking Brake Release - White "Parking Brake"	X	X
Trim Color Instrument Panel Pad - Madrid Surface	X	X
Clock Hole Cover Plate	X	X
A/C Center Outlet Cover Plate with Bright Border and "Chevrolet"	X	X
Black Color Steering Wheel (Plastic) and Column	X	X
Soft Vinyl Steering Wheel Shroud with Black Insert having "Chevrolet" Nameplate	X	X
Bright Hazard Flasher Knob	X	X
Trim Color Soft Turn Signal and Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral Steering and Transmission Lock	X	X
GLASS		
Laminate Safety Float Glass Windshield (Thin Design)	X	X
Safety Solid Tempered Plate Side Glass	X	X
Safety Solid Tempered Plate Rear Window	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	NOMAD	GREENBRIER	CONCOURS	CONCOURS ESTATE
ROOF AND PILLARS				
Headlining - Non Perforated, Vinyl Coated	X	X	X	X
Vinyl Finish Lace - Windshield Header, Roof Side Rail, Rear Quarter Window, and Rear Window	X	X	X	X
Padded Sunshades (Short, Narrow Type) - Matching Headlining	X	X	X	X
Bright Sunshade Hinge Bezel	X	X	X	X
Windshield-Cemented Rear View Mirror - 12-Inch Prismatic With Gray Padded Edge, Dull Chrome Support	X	X	X	X
Dome Lamp - White Lens, Argent Bezel	X	X	X	X
Windshield Pillar Garnish Moldings - Painted Metal (Air Gap Type)	X	X	X	X
Shoulder Belt Anchor Cover - Plastic	X	X	X	X
Bright Shoulder Belt Clip Retainers	X	X	X	X
Coat Hooks - Vinyl	X	X	X	X
Center Pillar Cover - Plastic	X	X	X	X
Lock Pillar Cover - Plastic	X	X	X	X
Tailgate Pillar and Escutcheon - Painted Metal	X	X	X	X
Additional Roof Insulation			X	X
Front Door Jamb Switches	LH	X	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	NOMAD	GREENBRIER	CONCOURS	CONCOURS ESTATE
SEATS AND FLOOR COVERING				
Front Bench Seat With 2-Inch Foam Pad Cushion	X	X	X	X
Black Seat Adjuster Handle	X	X	X	X
Vinyl Trimmed Head Restraints - Adjustable	X	X	X	X
Second Seat Cushion - 1-Inch Foam Pad With 7-oz. Cotton Pad Cushion	X	X	X	X
Third Seat Cushion - .75-Inch Foam Pad		46	46	46
Bright Folding Seat Backrest Latches	X	X	X	X
Two Black Front Seat Shoulder Belts	X	X	X	X
Three Black Front Seat Belts	X	X	X	X
Three Black Second Seat Belts	X	X	X	X
Two Black Third Seat Belts		46	46	46
Front Seat Outboard Belt Retractor Covers	X	X	X	X
Color-Keyed Deep Twist Floor Carpet			X	X
Color-Keyed Vinyl-Coated Rubber Floor Mat		X		
Splatter Pattern Vinyl Coated Rubber Floor Mat	X			
Color-Keyed Vinyl-Coated Rubber Mat On Load Floor	X			
Color-Keyed Vinyl Painted Textured Metal Load Floor	X	X	X	X
Color-Keyed Painted Load Floor Well		X	X	X
Black Rubber Mat In Floor Well		36	36	36
Color-Keyed Vinyl-Coated Rubber Mat In Floor Well		46	46	46
Additional Insulation Under Load Floor and In Stowage Well				X
DOORS, QUARTER PANEL AND TAILGATE				
Rear Quarter Finish Panel-Plastic	X	X	X	X
Quarter Panel and Wheelhouse - Vinyl Painted Textured Metal	X	X		
Quarter Panel and Wheelhouse - Coated Fabric			X	X
Quarter Window Lower Reveal Molding and Escutcheon-Painted Metal	X	X	X	X
All Vinyl Door and Quarter Trim Panels	X	X	X	X
Front Door Padded Armrest	X	X	X	X
Rear Door Padded Armrest With Ash Tray		X	X	X
Bright Door Lock Buttons - Plastic	X	X	X	X
Clear Vinyl Window Control Handle Knobs	X	X	X	X
Bright Cowl Ventilation Control Knobs	X	X	X	X
Cowl Kick Pads - Plastic	X	X	X	X
Tailgate Panel - Vinyl Painted Textured Metal	X	X	X	X
Manual Tailgate Window Control	36	36	36	36
Electric Tailgate Window Control		46	46	46
Third Seat Courtesy Light			46	46

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	NOMAD	GREENBRIER	CONCOURS	CONCOURS ESTATE
INSTRUMENT PANEL AND STEERING COLUMN				
General Cluster Lighting - Blue Tint	X	X	X	X
Glove Compartment Light			X	X
Heater Control Light	X	X	X	X
Warning Lights - Temperature, Generator Oil Pressure, Brakes	X	X	X	X
Indicators - Hi Beam and Turn Signal	X	X	X	X
Two-Speed W/S Wiper and Washer - Slide Type, Depress to Wash, Bright Knob	X	X	X	X
Ash Tray	X	X	X	X
Heater - Slide Type Controls, Bright Knobs, Illuminated	X	X	X	X
Light Switch - Black Soft Symbol Knob	X	X	X	X
Parking Brake Release - "T" Handle	X	X	X	X
Cigarette Lighter - Soft Black Symbol Knob	X	X	X	X
120 MPH Speedometer-Odometer	X	X	X	X
Fuel Gage	X	X	X	X
Glove Compartment Door Lock	X	X	X	X
Black Parking Brake Release - White "Parking Brake"	X	X	X	X
Trim Color Instrument Panel Pad - Madrid Surface	X	X	X	X
Clock Hole Cover Plate	X	X	X	X
A/C Center Outlet Cover Plate With Bright Border and "Chevrolet"	X	X	X	X
Trim Color Steering Wheel (Plastic) and Column	X	X	X	X
Soft Vinyl Steering Wheel Shroud With Black Insert Area Having "Chevrolet" Nameplate	X	X	X	X
Bright Hazard Flasher Knob	X	X	X	X
Trim Color Soft Turn Signal and Shift Lever Knobs	X	X	X	X
Steering Column Ignition Switch With Integral Steering and Transmission Lock	X	X	X	X
GLASS				
Laminate Safety Float Glass Windshield (Thin Design)	X	X	X	X
Safety Solid Tempered Plate Side Glass	X	X	X	X
Safety Solid Tempered Plate Rear Window	X	X	X	X

INTERIOR EQUIPMENT

EL CAMINO INTERIOR EQUIPMENT

	STANDARD	CUSTOM
ROOF AND PILLARS		
Premier Vinyl Coated Headlining—Perforated	X	X
Trim Color Windshield and Rear Window		
Garnish Molding and Roof Rail Molding	X	X
12-Inch Prismatic Rear View Mirror with		
Gray Padded Edge	X	X
Silver Painted Rear View Mirror Support	X	X
Trim Color Plastic Rear View Mirror Support Cover	X	X
Padded Sunshades	X	X
Air Gap Windshield Pillars	X	X
Bright Bezeled Backlight Header Dome Lamp	X	X
Door Jamb Switch	X	X
Shoulder Belt Anchor Cover (Belt Color)	X	X
SEATS AND FLOOR COVERING		
Front Seat Cushion with 2.00-Inch Foam Pad	X	X
Bright Folding Seat Back Latches	X	X
Black Seat Adjuster Handle	X	X
All-Vinyl Seat Cushion and Seat Back	X	X
Vinyl Coated Rubber Passenger Compartment		
Floor Covering	X	
Carpet Passenger Compartment Floor Covering		X
Head Restraints	X	X
Three Black Seat Belts	X	X
Two Black Shoulder Belts	X	X
Front Seat Outboard Lap Belt Retractor Covers		
(Belt Color)	X	X
DOOR AND-QUARTER PANEL		
Door Padded Armrest	X	X
Plastic Window Control Handle Knobs	X	X
Bright Door Lock Buttons	X	X
All-Vinyl Door and Quarter Panel Trim	X	X
Trim Color Shoulder Belt Buckle Retainers	X	X
Bright Shoulder Belt Retaining Clip	X	X
Shoulder Belt Anchor Cover (Belt Color)	X	X
ROOF AND PILLARS		
Glove Compartment Light		X
Heater Control Light	X	X
Temperature, Generator, Oil Pressure and		
Brake Warning Lights	X	X
Hi-Beam and Turn Signal Indicators	X	X
Bright Cowl Ventilation and Astro-Ventilation		
Control Knobs	X	X
Windshield Wiper and Washer Switch		
(Slide-Type, Depress to Wash)	X	X
Light Switch — Soft Black Symbol Knobs	X	X
Bright Hazard Flasher Knob	X	X
Trim Color Turn Signal and Transmission		
Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral		
Steering Wheel and Transmission Lock	X	X
T-Handle Parking Brake Release	X	X
Blended Air Heater	X	X
Two-Speed Windshield Wiper and Washer	X	X
Ash Tray	X	X
Cigarette Lighter — Soft Black Symbol Knob	X	X
Speedometer, Odometer and Fuel Gage	X	X
Trim Color Instrument Panel Pad	X	X
Soft Vinyl Steering Wheel Shroud with Black Insert		
Having "Chevrolet" Nameplate	X	X
GLASS		
Laminated Safety Plate Glass Windshield	X	X
Solid Safety Plate Glass Ventpanes	X	X
Solid Safety Plate Glass Blacklight	X	X
Solid Safety Plate Glass Door Windows	X	X

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
FEATURE GROUPS		
(Any item contained in a feature group may be ordered separately)		
Appearance Guard Group	ZP5	
Front and Rear Bumper Guards	V30	ACC
Door Edge Guards (Not Available on Concours Estate)	B93	ACC
Color-Keyed Floor Mats - 2 Front, 2 Rear	B37	ACC
Visor Vanity Mirror	D34	ACC
Operating Convenience Group	ZQ2	
Electric Clock	U35	ACC
Rear Window Defroster (Forced Air) (Except El Camino)	C50	ACC
L.H. Outside Remote-Control Rearview Mirror	D33	ACC
MODEL OPTIONS		
Console Front Compartment Floor	D55	
Gauges, Instrument Panel	U14	
Heavy Chevy Option (Chevelle)	YF3	
Hood Ducted	ZL2	
Seat, Front Bench	A52	
Seat, Special Contour Bucket	A51	
SS Option (Chevelle)	Z15	
Stripes, Hood and Deck Lid	D88	
POWER TEAMS		
Turbo-Fire 350 V8	L48	
Turbo-Fire 350 V-8	L65	
Turbo-Jet 402 V-8 (Not available in California)	LS3	
Turbo-Jet 454 V-8 (Not available in California)	LS5	
Control, Floor Shift Transmission	M11	
Heavy Duty 3-Speed Manual Transmission	MC1	
4-Speed Manual Transmission	M20	
Heavy Duty 4-Speed Manual Transmission	M22	
Powerglide	M35	
Turbo Hydra-matic	M40	
Axle, Positraction	G80	
Axle, Trailering Ratio	YD1	
Axle, Performance (Mountain) Ratio	ZQ9	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
POWER ASSISTS		
Brakes, Power	J50	
Lock, Power Door	AU3	
Steering, Power	N40	
Window, Tailgate Power (2-Seat Wagons)	A33	
OTHER OPTIONS		
Air Conditioning, Four-Season	C60	
Battery, Heavy Duty	T60	
Belts, Seat and Shoulder: In addition to or replacing standard belts.		
Custom Deluxe Belts: (Replacing standard number of belts)		
Coupe and Sedan - 6 Seat and 2 Shoulder	AK1	
Convertible - 6 Seat	A39	
Shoulder Belts - 2 Rear:		
(Convertible requires use of front shoulder belt option.)		
For use when Custom Deluxe Belts are ordered		ACC
Brakes, Front Disc	JL2	
Cap, Locking Gas Filler		ACC
Carrier, Rear Deck		ACC
Compass		ACC
Deflector, Rear Window Air (Wagons)	C51	
Deflectors, Rail (4-Door Sedans and Wagons - Door "Ventshades")		ACC
Dispenser, Tissue		ACC
Fire Extinguisher		ACC
Generator: 63-Amp Delcotron	K85	
Glass, Soft-Ray Tinted: All Windows (Includes W/S Radio Antenna)	A01	
Glass, Windshield - Tinted (Fleet Only - Includes Radio Antenna)	A02	
Harness, Front Seat Shoulder	A85	
Hitch, Trailer		ACC
Hitch, Trailer, Equalizing Type		ACC
Highway Emergency Kit - Fire Extinguisher, Tire Inflator, Fuses		ACC
Lighting, Auxiliary:	ZJ9	
Courtesy Lights - (All Except Convertible)		
Glove Compartment Light - Standard all except Chevelle and Nomad)		
Luggage Compartment Light - (Except Wagon and El Camino)		
Ash Tray Light		ACC
Underhood Light		ACC

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Litter Container		ACC
Lock, Rear Door Safety		ACC
Mirror, LH Remote Control	D35	
Mirror, RH		ACC
Molding, Adhesive Backed Vinyl (38 Ft. Roll)		ACC
Molding, Belt Reveal	B85	
Molding, Body Side (Except 13836-46)	B84	
Molding, Side - Vinyl (Fleet Vehicles)		ACC
Moldings, Side Door Windows	B90	
Monitor, Windshield Washer Fluid		ACC
Radiator, Heavy Duty	V01	
Radio Equipment: Radios, Pushbutton - Includes concealed w/s antenna.		
AM Radio	U63	ACC
AM/FM Radio	U69	ACC
AM/FM/Stereo Radio	U79	ACC
Stereo Tape System with AM Radio	UM1	ACC
Stereo Tape System with AM/FM/Stereo Radio	UM2	ACC
Speaker Rear Seat (Not available when stereo is ordered.)	U80	ACC
Roof Cover, Vinyl	C08	
Roof Luggage Carrier - Wagon	V55	ACC
Safety Seat - Child (Standard and Deluxe Types Available)		ACC
Safety Seat - Infant		ACC
Ski Rack - Roof Carrier Mount		ACC
Skirts, Rear Fender	TS8	
Speed Control: (Cruise-Master)	K30	ACC
Steering Wheel, Comfortilt	N33	
Steering Wheel, Sport	NK4	
Steering Wheel, Vinyl Rim	NK2	
Suspension Heavy Duty Front and Rear	F40	
Suspension, Special Performance	F41	
Top, Convertible: Optional Colors	C05	
Two-Tone Finish	D99	

EXTRA-COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Wheel, Special; Hub Cap and Trim Ring (Except Wagon)	ZJ7	
Wheel Covers, Full	P01	
Wheel Covers, Special	P02	
Wheel Covers, Simulated Wire		ACC
Wheel Covers, Simulated "Mag"		ACC
Wheel, 15 x 7 JK	PH1	
Windshield Antenna	U76	
FACTORY-INSTALLED REGULAR PRODUCTION TIRES		
E78 x 14B Bias Belted Blackwall (Chevelle)	PL2	
E78 x 14B Bias Belted White Stripe (Chevelle)	PL3	
F78 x 14B Bias Belted Blackwall (Chevelle)	PX5	
F78 x 14B Bias Belted White Stripe (Chevelle)	PX6	
F60 x 15B Bias Belted White Letters (Chevelle)	PM7	
G78 x 14B Bias Belted Blackwall (Wagon)	PK1	
G78 x 14B Bias Belted White Stripe (Wagon)	PK2	
G78 x 14D Bias Belted Blackwall (Wagon)	PM5	
G78 x 14D Bias Belted White Stripe (Wagon)	PM6	

FOUR SEASON (RPO C60)

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

BASIC COMPONENTS

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

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

CHASSIS

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

POWER TRAINS

Fan Blade 7 blade
Fan Clutch Thermomodulated fluid coupling
Crankshaft Pulley Dual
Water Pump & Fan Pulley Single
Compressor & Crankshaft Belt One
Generator 63 Ampere
Radiator Heavy duty

DIMENSIONS AND WEIGHTS

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

INTERIOR DIMENSIONS

FRONT COMPARTMENT

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT SEDANS	SPORT COUPES	CONVERT- IBLES	STATION WAGONS	SEDAN PICKUP
H3	Seat cushion height	10.8		10.5		10.9	10.5
H11	Entrance height	30.1	30.3	29.5		30.1	30.1
H13	Steering wheel thigh clearance	4.2		4.0		4.1	4.1
H30	H point to heel point			8.1			
H32	Seat cushion deflection	4.0		3.9		3.8	4.0
H58	H point rise			0.8			
H61	Effective headroom	38.5	38.1	37.5	38.3	38.3	38.2
H70	H point to body O line	13.8		14.2		14.2	13.8
H75	Effective headroom - "T" point	38.7	38.3	37.6	38.5	38.2	38.3
W3	Shoulder room	58.2	58.4	58.2		58.3	58.2
W5	Hip room	59.8	59.5	59.7		59.5	59.8
L7	Steering wheel torso clearance	12.2		12.1		12.5	12.2
L17	H point travel			4.8			
L34	Effective leg room	42.7		42.8		42.8	42.5

REAR COMPARTMENT

H8	Seat cushion height	13.2	13.2	12.7		13.0	---
H12	Entrance height	29.5	29.9	---		29.7	---
H31	H point to heel point	10.8	10.7	10.1		10.6	---
H33	Seat cushion deflection	4.4		4.7		4.5	---
H51	Upper body opening to ground	48.2	48.6	---		49.8	---
H63	Effective headroom	37.1		36.3	36.9	38.6	---
H71	H point to body O line	14.0		13.4		14.0	---
H76	Effective headroom - "T" point	37.1		36.3	36.9	38.5	---
W4	Shoulder room	57.3	57.2	56.9	56.9	57.4	---
W6	Hip room	59.2	59.2	52.9	50.4	59.3	---
L3	Rear compartment room	25.8		23.7		26.1	---
L50	H point couple distance	32.8		30.6		32.8	---
L51	Effective leg room	35.0	34.9	32.3		34.8	---

STATION WAGON THIRD SEAT

W85	Shoulder room					44.3	
W86	Hip room					44.3	
H86	Effective headroom					35.9	
L86	Effective leg room					30.6	
L87	Knee room					10.5	

LUGGAGE COMPARTMENT

H195	Liftover height	26.6		25.9			28.7
V1	Usable luggage capacity (cu.ft.)	12.8	13.5	12.8	9.0	---	

STATION WAGON CARGO SPACE

H201	Maximum cargo height					31.6	---
H202	Rear opening height					28.6	---
H250	Tailgate to ground height					22.0	21.4
W200	Cargo width - front					59.5	58.8
W201	Cargo width - wheelhouse					44.5	45.3
W203	Rear opening width at floor					50.1	54.6
W204	Rear opening width at belt					49.6	---
W205	Rear opening width above belt					49.4	---
L200	Maximum cargo length - front seat					116.8	---
L201	Maximum cargo length - second seat					85.0	---
L202	Cargo length at floor - front seat					90.9	79.3
L203	Cargo length at floor - second seat					59.1	---
L204	Cargo length at belt - front seat					79.9	---
L205	Cargo length at belt - second seat					46.8	---
V.2	Total cargo volume (cu.ft.)					94.0	38.5

EXTERIOR DIMENSIONS

LENGTHS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT SEDANS	SPORT COUPES	CONVERT- IBLES	STATION WAGONS	SEDAN PICKUP
L101	Wheelbase	116.0		112.0		116.0	
L102	Tire size (standard)	E78-14 (6 cyl); F78-14 (V8)					G78-14 (a)
L103	Overall length	201.5		197.5		206.8	
L104	Overhang - front	37.8					
L105	Overhang - rear	47.7					53.0
—	Overall length - less bumpers	197.1		193.1		204.4	
L127	Body O line to C/L of rear wheels	99.5		95.5		99.5	
L128	Hood length at centerline	61.0					

WIDTHS

W101	Tread - front	60.0		59.3*	
W102	Tread - rear	59.9		59.2	
W103	Maximum overall width of car	75.4			
W106	Front fender overall width	75.3		75.4	
W107	Rear fender overall width	75.4		75.3	75.4
W120	Overall car width, front doors open	132.3	150.1	132.3	132.3
W121	Overall car width, rear doors open	134.4	—	134.2	—

HEIGHTS

H101	Overall height (design)	53.3	52.7	52.9	54.4	— 54.4
H102	Front bumper to ground	13.8	14.3		15.0	15.0
H104	Rear bumper to ground	15.7	15.1		12.9	11.9
H111	Rocker panel to ground - rear	7.5	7.2		9.2	8.5
H112	Rocker panel to ground - front	8.5	8.6		9.8	9.4
H114	Hood at rear to ground	38.0	38.1		39.4	39.1
H115	Step height - front (design)	12.3		13.9		
H116	Step height - rear (design)	11.9	—		13.6	—
H125	Headlamp to ground	26.0	26.3		27.2	27.0
H126	Tail lamp to ground	21.3	20.9		26.0	25.0
H136	Body O line to ground - front	4.9	5.1		6.2	5.9
H137	Body O line to ground - rear	4.1	3.7		5.9	5.1

CLEARANCES

CLEARANCES							
H106	Angle of approach (degrees)	22.1	22.0	25.6		25.2	25.4
H107	Angle of departure (degrees)	21.1	21.0	20.7	20.5	17.0	16.5
H147	Ramp breakover angle (degrees)	13.4	13.3	13.8	13.7	15.5	15.0
H148	Front suspension to ground	6.4		6.7		7.6	7.5
H149	Oil pan to ground	5.3		5.5		6.6	6.4
H150	Flywheel housing to ground	5.6		5.8		7.0	6.8
H151	Frame to ground	5.1		5.4		6.3	6.3
H152	Exhaust system to ground	4.7		4.6		6.2	5.7
H153	Rear axle to ground	—		7.0		7.3	7.1
H154	Fuel tank to ground	7.4		7.0		10.7	10.1
H155	Tire well to ground	—		—		9.0	—
H156	Minimum ground clearance (H152)	4.7		4.6		6.2	5.7

(a) Sedan Pickup - F78-14

*—60.2 with disc brakes

VEHICLE WEIGHTS

CHEVELLE

MODEL SYMBOL		VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
6-Cyl	V8	Description	Front	Rear	Total	Front	Rear	Total
13337	---	2-Door Sport Coupe	1783	1389	3172	1764	1505	3269
---	13437		1891	1409	3300	1872	1525	3397
13369	---	4-Door Sedan	1799	1405	3204	1780	1521	3301
---	13469		1905	1427	3332	1886	1543	3429

MALIBU

13569	---	4-Door Sedan	1823	1417	3240	1804	1533	3337
---	13669		1922	1449	3371	1904	1565	3469
13537	---	2-Door Sport Coupe	1796	1398	3194	1777	1514	3291
---	13637		1909	1418	3327	1890	1534	3424
---	13639	4-Door Sport Sedan	1939	1498	3438	1920	1615	3535
---	13667	2-Door Convertible	1894	1485	3379	1875	1601	3476

NOMAD

13136	---	4-Door, 2-Seat Station Wagon	1676	1929	3605	1657	2040	3697
---	13236		1792	1940	3732	1773	2051	3824

GREENBRIER

---	13436	4-Door, 2-Seat Station Wagon	1820	1994	3814	1801	2105	3906
---	13446	4-Door, 3-Seat Station Wagon	1813	2057	3870	1794	2168	3962

CONCOURS

---	13636	4-Door, 2-Seat Station Wagon	1803	2054	3857	1784	2165	3949
---	13646	4-Door, 3-Seat Station Wagon	1830	2079	3909	1811	2190	4001

CONCOURS ESTATE

---	13836	4-Door, 2-Seat Station Wagon	1854	2033	3887	1836	2145	3981
---	13846	4-Door, 3-Seat Station Wagon	1842	2101	3943	1823	2212	4035

EL CAMINO

13380	---	2-Door Sedan Pickup	1800	1413	3213	1781	1529	3310
---	13480		1905	1436	3341	1886	1552	3438
---	13680		1912	1438	3350	1893	1554	3447

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
A51	Astro Bucket Seat		+ 19
C08	Vinyl Roof Cover		+ 7
C60	Air Conditioning (V8 only)		+102
D55	Floor Console	With 4-Speed Transmission	+ 9
		With Automatic Transmission	+ 17
JL2	Power Disc Brakes		+ 16
J50	Power Brakes		+ 13
-	250 Cu.In. 6 Cyl. Engine	Powerglide Transmission	- 5
-	307 Cu.In. V8 Engine	Powerglide Transmission	- 3
		Turbo Hydra-matic Transmission	+ 24
		4-Speed Transmission	+ 37
L65	350 Cu.In. V8 Engine	Turbo Hydra-matic Transmission	+ 44
		3-Speed Transmission	+ 43
L48	350 Cu.In. V8 Engine	4-Speed Transmission	+ 53
		Turbo Hydra-matic Transmission	+ 64
		3-Speed Transmission	+297
LS3	402 Cu.In. V8 Engine	4-Speed Transmission	+271
		Turbo Hydra-matic Transmission	+314
		4-Speed Transmission	+403(a)
LS5	454 Cu.In. V8 Engine	Turbo Hydra-matic Transmission	+449(a)
N40	Power Steering		+ 28
UM1	AM Radio & Tape Player		+ 21
UM2	AM-FM Radio & Tape Player		+ 22
U63	AM Radio, Pushbutton		+ 8
U69	AM-FM Radio, Pushbutton		+ 9
U79	Radio Stereo Equipment		+ 15
V30	Bumper Guards Front and Rear All Exc. Station Wagon and Pickup		+ 5
V55	Luggage Carrier - Station Wagon		+ 16
ZJ7	Special Wheel, Hub Cap and Trim Ring		+ 20
ZL2	Hood Air System - Ducted		+ 10

(a) Available as 'SS' equipment only -- includes additional body and chassis equipment.