



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

SERIES	MODEL				Front Seat	INTERIOR TRIM COLORS AND CODE NUMBERS								
	37	67	39	69		Black		Dark Green		Medium Tan	Dark Blue	Light Covert		White
						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			
				X	Bench	703	704		713	720	724	730	732	
Malibu			X		Bench	703	704		713	720	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
			X		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
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

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 kickup "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
395 2826	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
395 2828	BM	92.6	.539	5.65	130	13.08	9.00 @ 530
395 2829	BP	92.7	.539	5.65	130	13.46	9.00 @ 580
395 2830	BQ	98.5	.550	5.95	130	13.85	9.00 @ 630
395 2831	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

BRAKES

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 rear	.17
Secondary, front and rear	.20
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
Rear	.875
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	
Diameter	.875
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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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	Front		Two, combination compression and shear type				
	Rear		One, shear type				
Measurements	Fan to rear of engine block		35.27	31.13	30.69	30.16	33.97
	Top of air cleaner to bottom of oil pan		27.44	29.49	29.29	26.79	27.62
	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	75.2
	Second	69.4
	Third	41.3 (direct)
	Reverse	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)		2.73:1 (b)
Tire Size	E78 x 14B (c)		
Crankshaft Revolutions per Mile	24 79.4		2197.6
Crankshaft RPM @ 1 MPH	Low	75.2	92.3
	Second	69.4	55.7
	Third	41.3 (direct)	36.6 (direct)
	Reverse	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		
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
	Second	62.0	74.4	55.7	66.6	79.9
	Third	41.3	59.5	36.6	44.4	63.9
	Fourth		41.3			44.4
	Reverse	108.7	104.9	70.7	116.8	112.8
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		2.73:1
Tire Size	F78 x 14B		
Crankshaft Revolutions per Mile	2604.97		2148.5
Crankshaft RPM @ 1 MPH	Low	105.1	109.4
	Second	68.6	81.6
	Third	43.4	63.4
	Fourth		43.4
	Reverse	104.6	112.4
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	109.6
	Second	72.5
	Third	56.1
	Fourth	44.1 (direct)
	Reverse	100.0
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

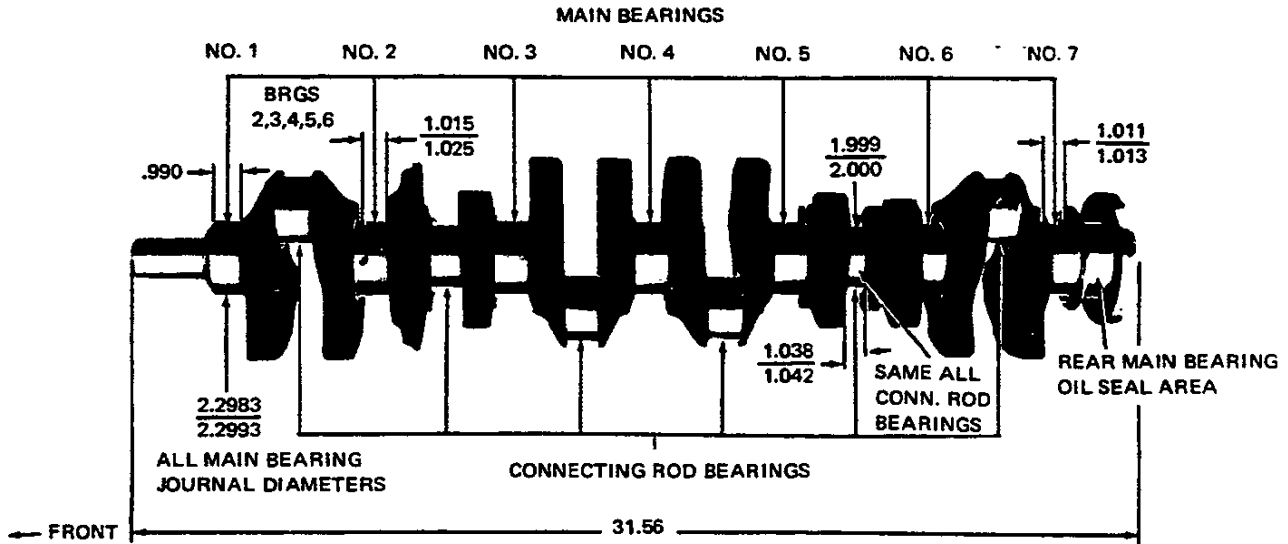
Material	Steel backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
Type	Precision removable
Thrust Against Bearing No.	L6-No. 7; V8-No. 5
Clearance	
L6-250 Cu.In.	.0003-.0029
V8-307 & 350 Cu.In.	(No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033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

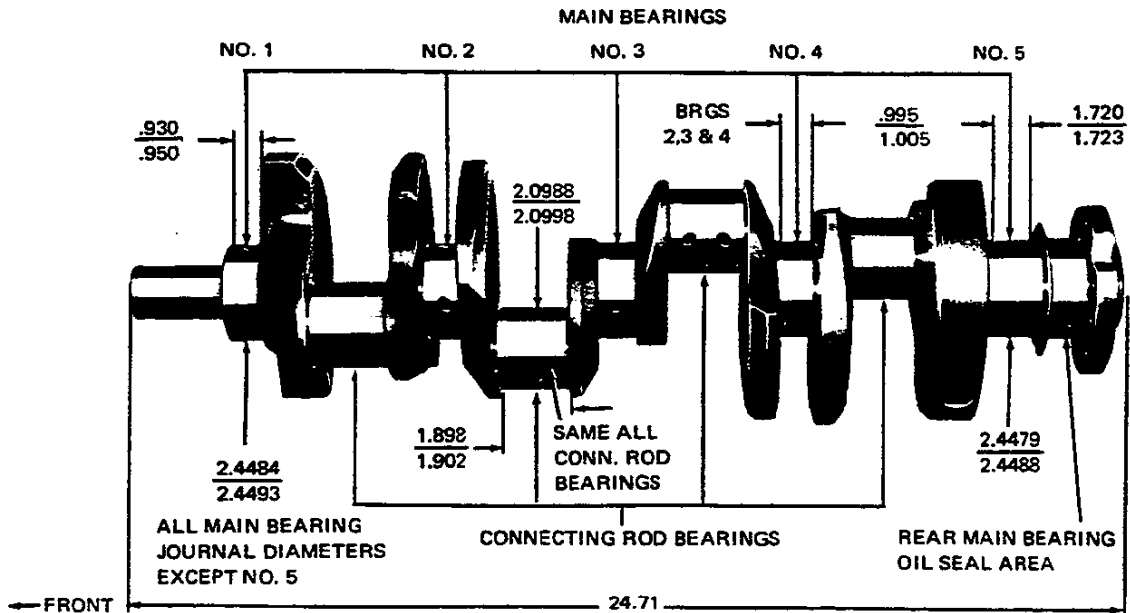
PRINCIPAL COMPONENTS

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 babbit

VALVE TRAIN

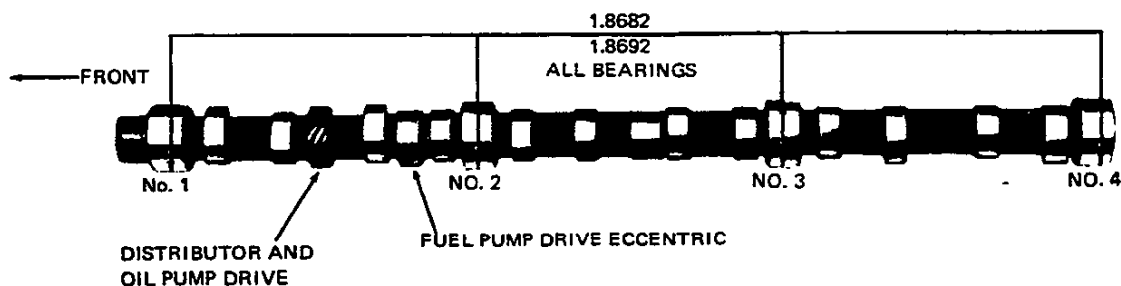
Type	Individually mounted, overhead rocker arms, push rod actuated
Rocker Arms	Stamped steel
Ratio	
L6-250 Cu.In.	1.75:1
V8-307 & 350 Cu.In.	1.50:1
V8-402 & 454 Cu.In.	1.70:1
Push Rods	
Type	Hollow steel
Ends	
L6, V8-307 & 350 Cu.In.	Hardened
V8-402 & 454 Cu.In.	Hardened steel inserts
Rotators (V8-307,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

VALVE SPRINGS

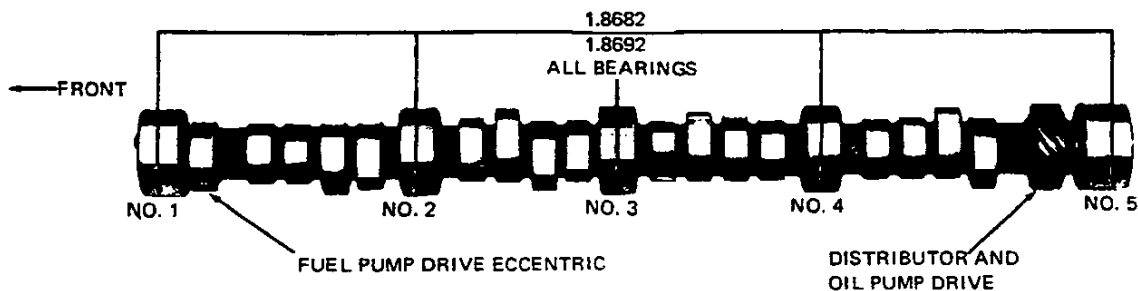
Diameter	
L6-250 Cu.In.	.872-.888
V8-307 & 350 Cu.In.	.868-.884
V8-402 Cu.In.	1.082-1.098
V8-454 Cu.In.	1.084-1.094
Installed Length (lb. @ in.)	
Valves closed	
L6-250 Cu.In.	56-64 @ 1.66
V8-307 & 350 Cu.In.	76-84 @ 1.68
V8-402 Cu.In.	84-96 @ 1.88
V8-454 Cu.In.	
Outer spring	69-81 @ 1.88
Inner spring	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



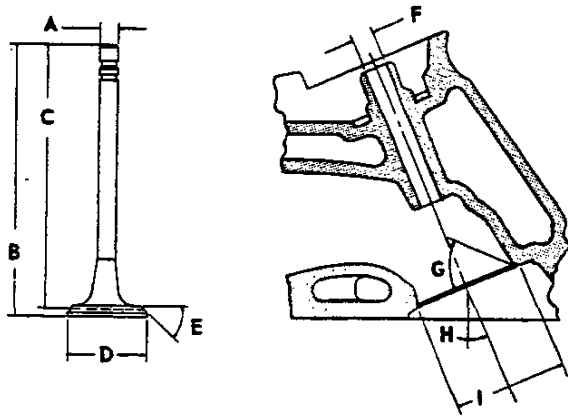
307 and 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

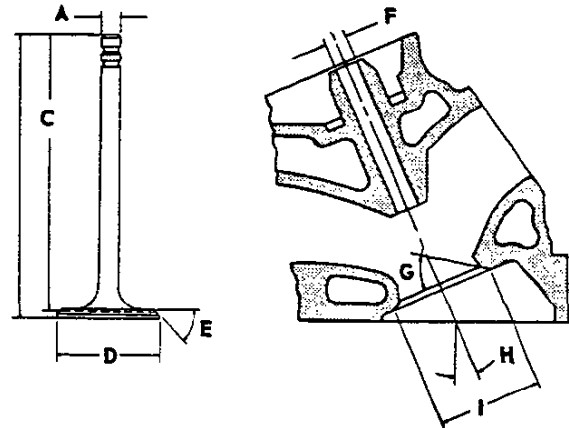
Material	Alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-307 & 350 Cu.In.	None
V8-402 & 454 Cu.In.	Face and head aluminized
Valve Guide Inserts (V8-402 & 454)	Cast alloy iron



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°
Excluding Ramps		
V8-350 Cu. In.		
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	
Slipper	
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 .....	.055-.065
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 SYSTEM

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., Quadrajel
V8-402 & 454 Cu.In.	Rochester, 4-bbl., Quadrajel
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

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-40

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. Standard	307 Cu.In. Standard	350 Cu.In.		402 Cu.In. RPO LS3	454 Cu.In. RPO LS5
				RPO L65	RPO L48		
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	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 Cover & pressure plate	Eff. plate load, lbs.	1650-1850	1900-2100	2100-2300		2450-2750		
	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)		
		OD	9.12		10.34	11.00		
	Friction rings	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						
	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	
Flywheel assembly		Steel stamping with welded on ring gear		
Hydraulic controls	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 Multiplication	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	
Oil pump	Location		In extension	
	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			
	Flywheel assembly	Steel stamping with welded on ring gear			
	Hydraulic System	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump		
		Type	Steel spool		
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	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	Mr's Spt'd Retail Price*	Desti-nation Group No.	Desti-nation 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 YFS) 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	Mr's Suggested Retail Delivered Price◇
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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.....	L55	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.....						
Special 3-Speed, Floor-mounted, manual, V8 models with 240-hp Turbo-Jet 400 engine only.....	M11	104.96	102.40	7.20	128.00	135.20
Special 3-Speed, Floor-mounted, manual, V8 models with 270-hp Turbo-Jet 454 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.....						
Special 4-Speed Close-Ratio, V8 models with 270-hp Turbo-Jet 454 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.....						
Trailing. 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.....	ZQ9	9.36	9.12	.65	12.00	12.65
Trailing. 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

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⊕ State and local taxes not included.

→ Indicates Change

FUEL SYSTEM

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

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
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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	8.00	8.00
	Automatic	8.00	8.00	7.00	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 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	L6-250	V8-307	V8-350	V8-402	V8-454	
Clutch for	Availability	3-Speed		RPO L65	RPO L48	RPO LS3	
Clutch	Eff. plate load, lbs.	1650-1850	1900-2100	Single dry disc, centrifugal		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 & Ring Gear	Flywheel	Material					
	Ring gear	Material	Cast iron				
		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				Lever			
	Control	Lever				Floor			
	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		
Flywheel assembly	Steel stamping with welded on ring gear			
Hydraulic controls	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 Multiplication	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		
Oil pump	Location	In extension		
	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			
Flywheel assembly	Steel stamping with welded on ring gear				
Hydraulic System	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump			
	Type	Steel spool			
	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								
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*
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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		J35				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
175-hp Turbo-Fire 350 (4/SE). Available for registration in the State of California		L48	56.16	54.72	3.85	72.00
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
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
Transmissions:						
Powerglide						
6-cyl models		M35	142.68	139.20	9.75	174.00
V8 models. Available only when standard engine is specified		M35	151.70	148.00	10.40	185.00
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
With 240-hp Turbo-Jet 400 or 270-hp Turbo-Jet 454 engine		M40	189.42	184.80	12.95	231.00
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
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
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
Special 4-Speed Close-Ratio. V8 models with 270-hp Turbo-Jet 454 engine only		M22	189.42	184.80	12.95	231.00
Axle, Positraction Rear		G80	35.10	34.20	2.40	45.00
Axle Ratios:						
Performance. With standard V8 engine and Turbo Hydra-matic transmission only		ZQ9	9.36	9.12	.65	12.00
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

* 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				<i>Will Advise Price and Availability</i>	
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/YFB					162.20
With white striping. Not available when white exterior body color paint is ordered	ZL2/ZRB					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.
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

* 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 [◇]
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
<i>Speaker, Rear Seat.</i> 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:						
<i>Comfortilt.</i> Available only when optional transmission is ordered.....	N33					46.35
<i>Custom.</i> Not available when comfortilt steering wheel is ordered.....	NK2					15.80
<i>Sport (4-Spoke).</i>	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.						
→ <i>Black.</i> Not available when Midnight Bronze exterior body color paint is ordered.....	D88/YF8					81.10
<i>White.</i> Not available when white exterior body color paint is ordered.....	D88/ZR8					81.10
Suspensions:						
<i>Special Front and Rear.</i> Not available when SS equipment is ordered. Includes special front and rear springs and matching shock absorbers.....						
	F40					17.95
<i>Sport.</i> 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.						
<i>Vinyl Bench seat.</i> Coupe or Sedan models only.....						
						19.00
<i>Strato-Bucket vinyl seats.</i> Malibu Sport Coupe or Convertible models only..						
	AS1					140.10
Wheel Covers: Not available when Heavy Chevy or SS Equipment is ordered						
<i>Bright Metal.</i>	PO1					27.40
<i>Custom.</i>	PO2					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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◇ State and local taxes not included.

→ 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	Trailing

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	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	—	—
		4-Speed Wide-Range—M20	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	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	—	—
		4-Speed Wide-Range—M20	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	X
Tan, Covert	50	50	X			X		X	X	X	X
White, Antique	11	11	X	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

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

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)	V01	___ Radiator — Heavy Duty (Var. 1)	Y12	___ Seat — Rear — Special Design
T70	___ Lamp Group	V02	___ 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
UB7	___ 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	BW4	___ 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	___ LJ 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	___ SJ 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

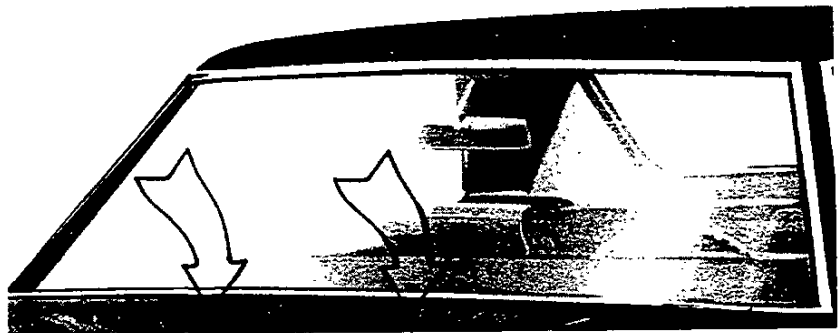
Malibu and SS	10-11
Chevelle and Heavy Chevy	15

Standard Equipment

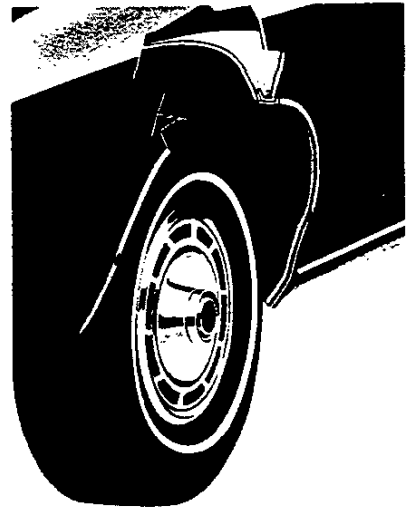
2-5

Color & Trim

16-21



Astro Ventilation system (Sport Coupe and Convertible models)



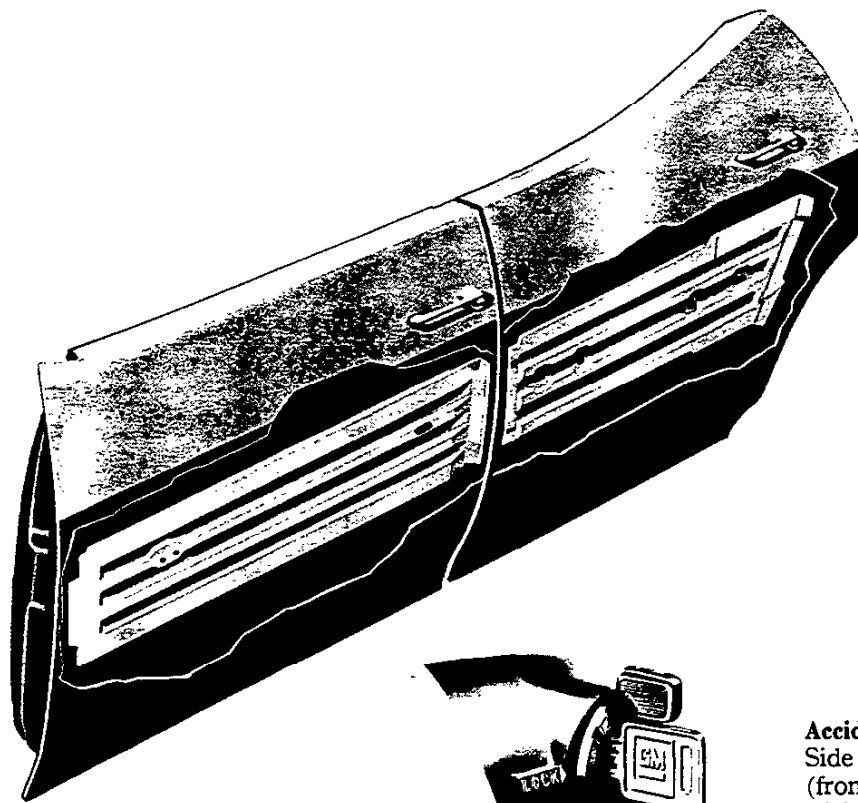
Inner fenders front and rear

Standard Equipment

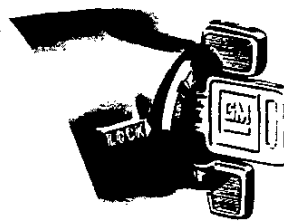
Hide-A-Way windshield wipers on Malibu models ◦ Full door-glass styling (Sport Coupe and Convertible models) ◦ Curved side windows ◦ Hide-A-Way antenna built into windshield glass (with radio) ◦ Astro Ventilation system (Sport Coupe and Convertible models) ◦ Steering wheel with cushioned center ◦ Foot-operated 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

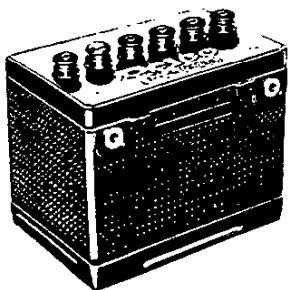
luggage compartment bulkhead ◦ Double-panel door, hood, and deck lid construction ◦ Flush-and-dry rocker panels ◦ Inner fenders front and rear ◦ Magic-Mirror acrylic lacquer finish ◦ Advanced Full Coil suspension system ◦ Computer-selected springs ◦ Self-adjusting brakes ◦ Bias belted ply tires ◦ Separate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

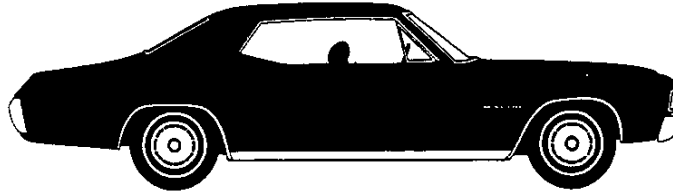
Side marker lights and reflectors (front side marker lights flash with direction signal)
 ◦ Parking lights that illuminate with headlights
 ◦ Four-way hazard warning flasher
 ◦ Back-up lights
 ◦ Lane-change feature in direction signal control
 ◦ Windshield defroster, washers and dual-speed wipers
 ◦ 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

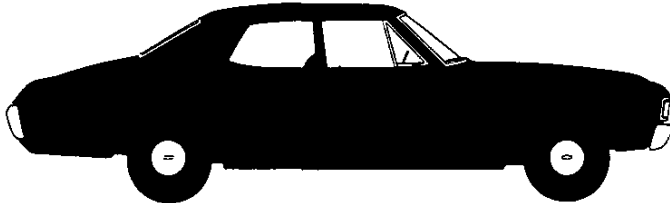
upholstery (all-vinyl interior standard on Convertible; available for Sport Coupe at extra cost. All-vinyl Strato-bucket seats also available) ◦ Vinyl door and sidewall panels with bright accents ◦ Color-keyed deep-twist carpeting ◦ Cigarette lighter ◦ Glove compartment lock and light ◦ Instrument panel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

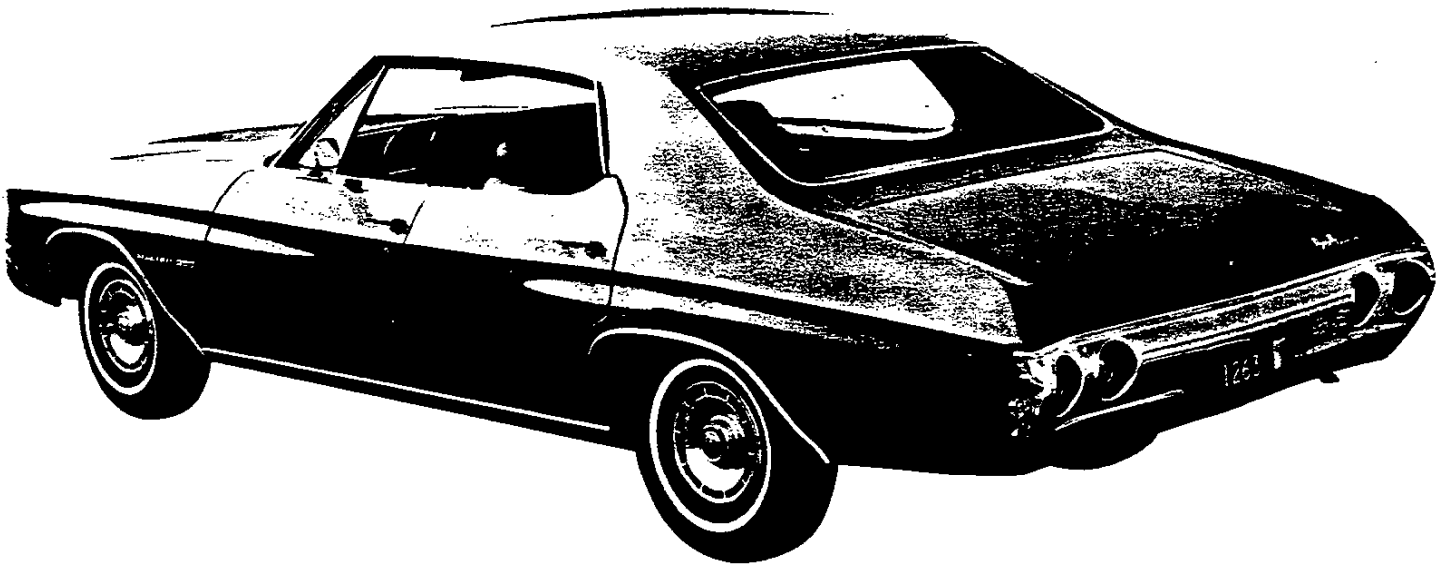


SS Sport Coupe*

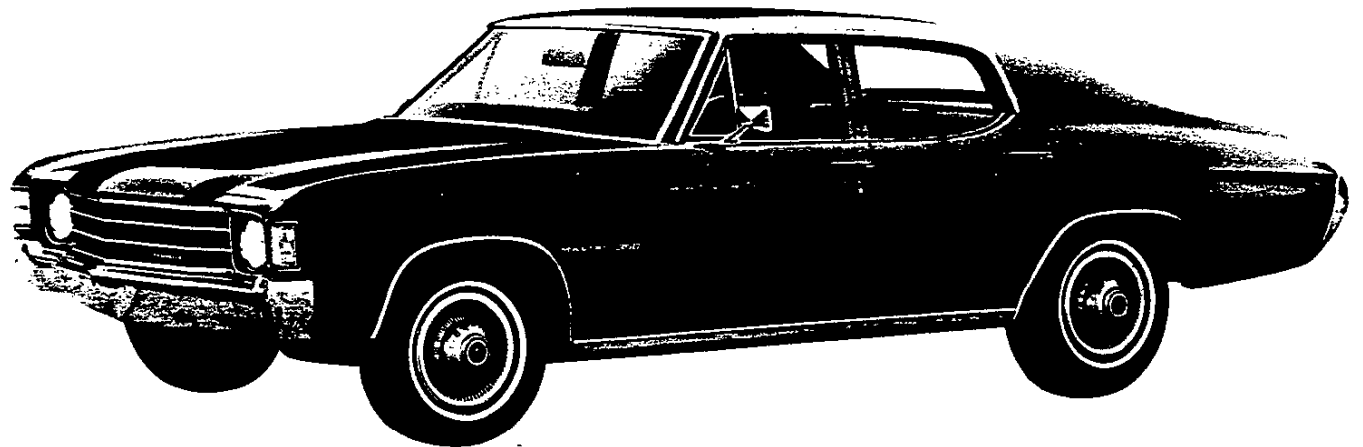
**Malibu V8 Sport Coupe with extra-cost SS equipment—RPO Z15. Also available for Malibu Convertible*



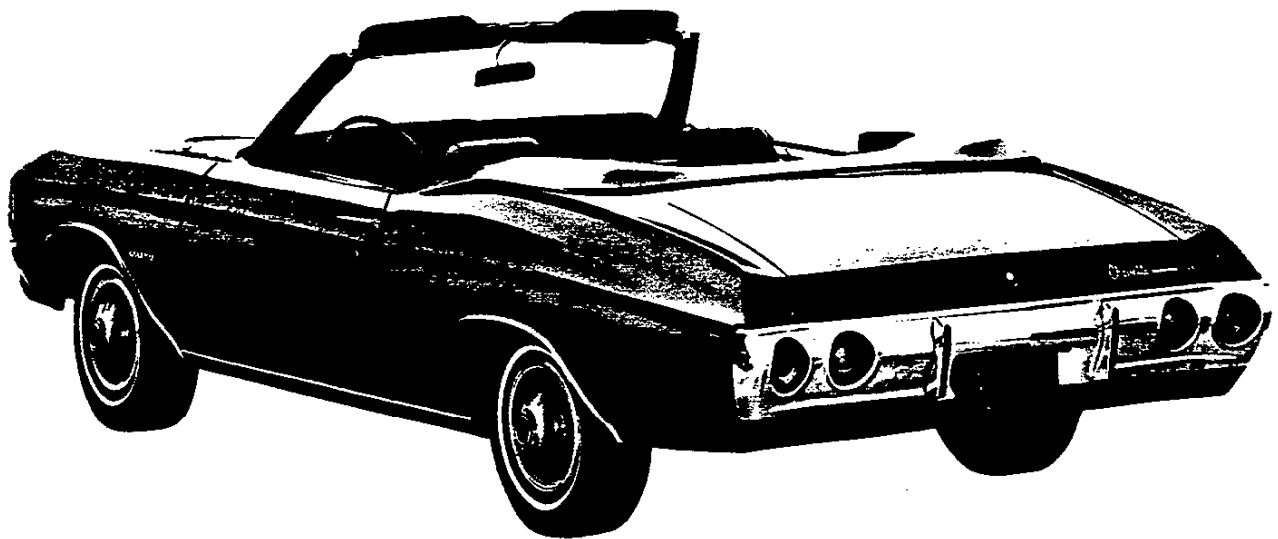
Malibu Sport Sedan



Malibu 4-Door Sedan



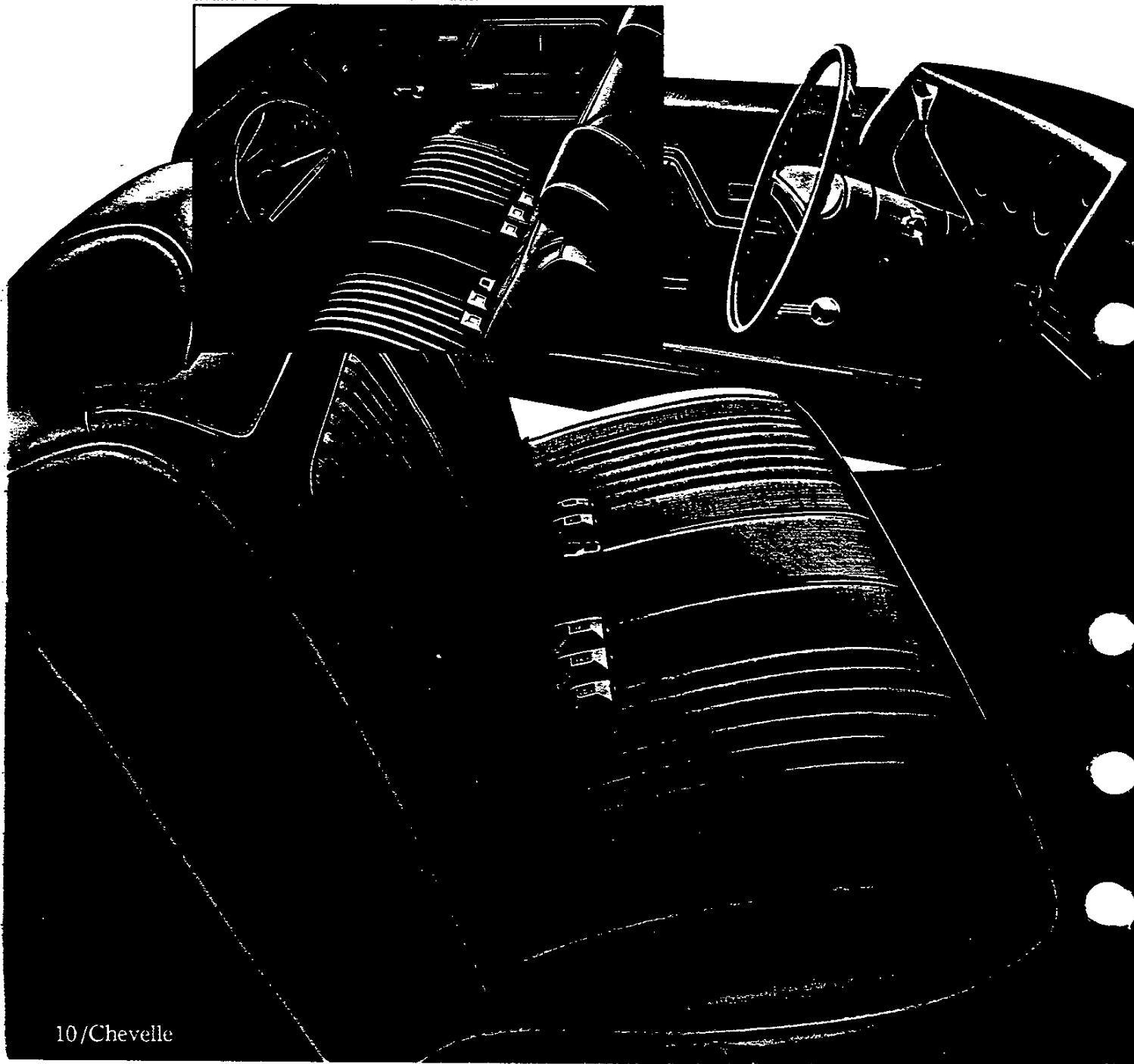
Malibu Convertible



Malibu Cloth & Vinyl* Interior

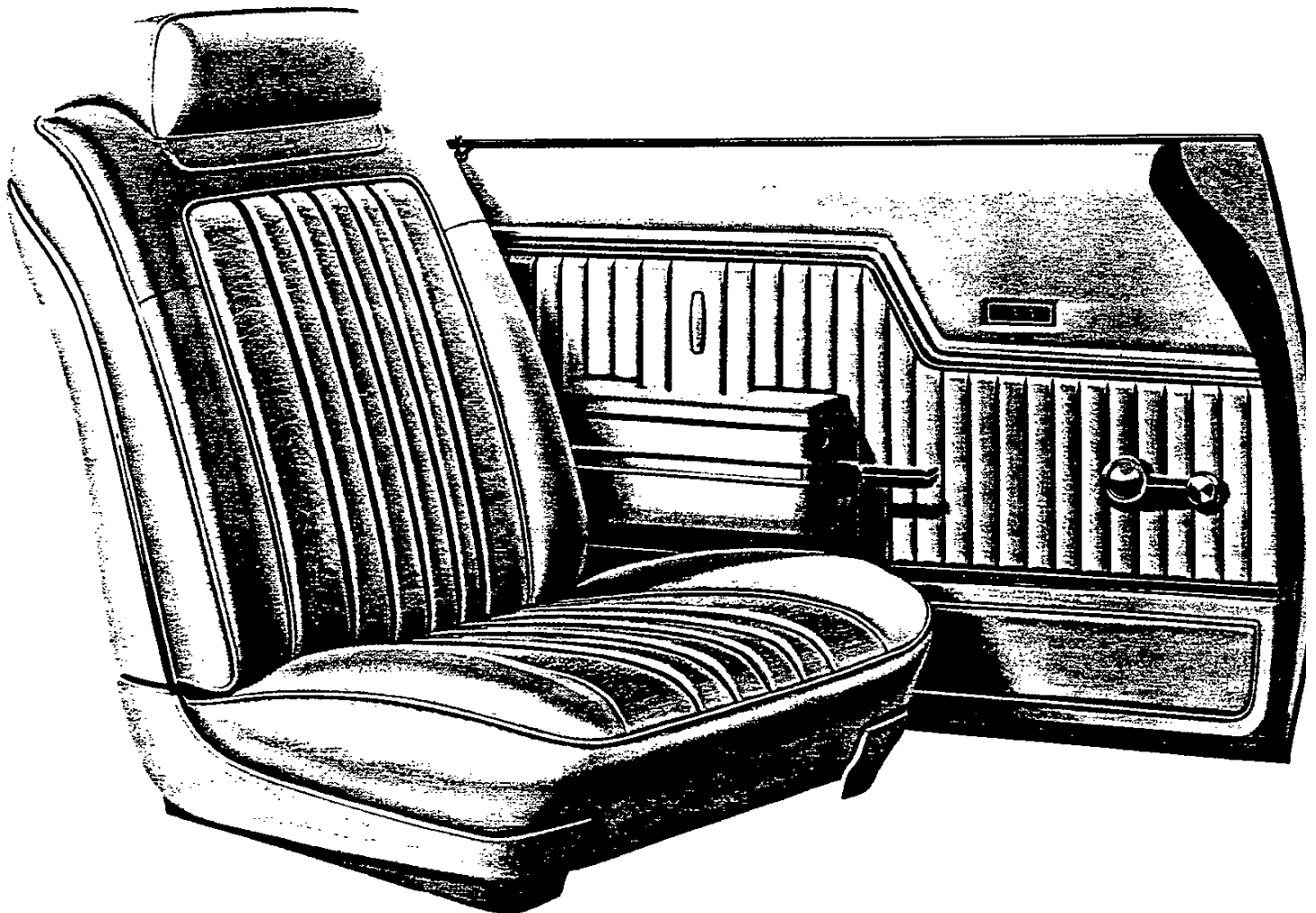
**standard*

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

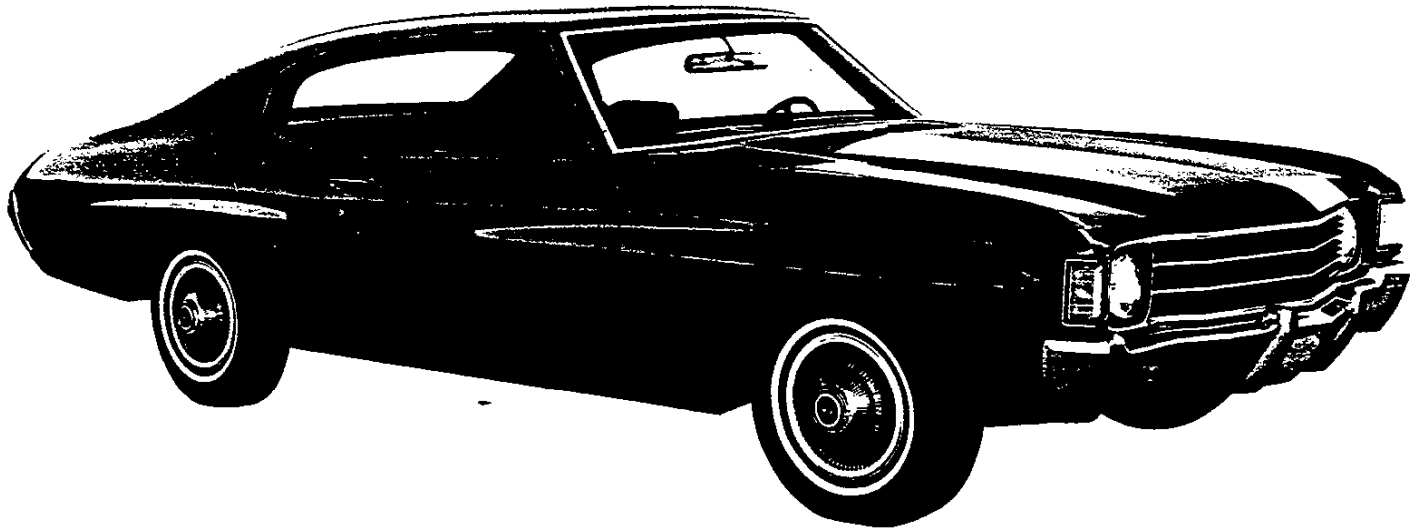


Malibu Strato-Bucket Seat* Interior

**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*

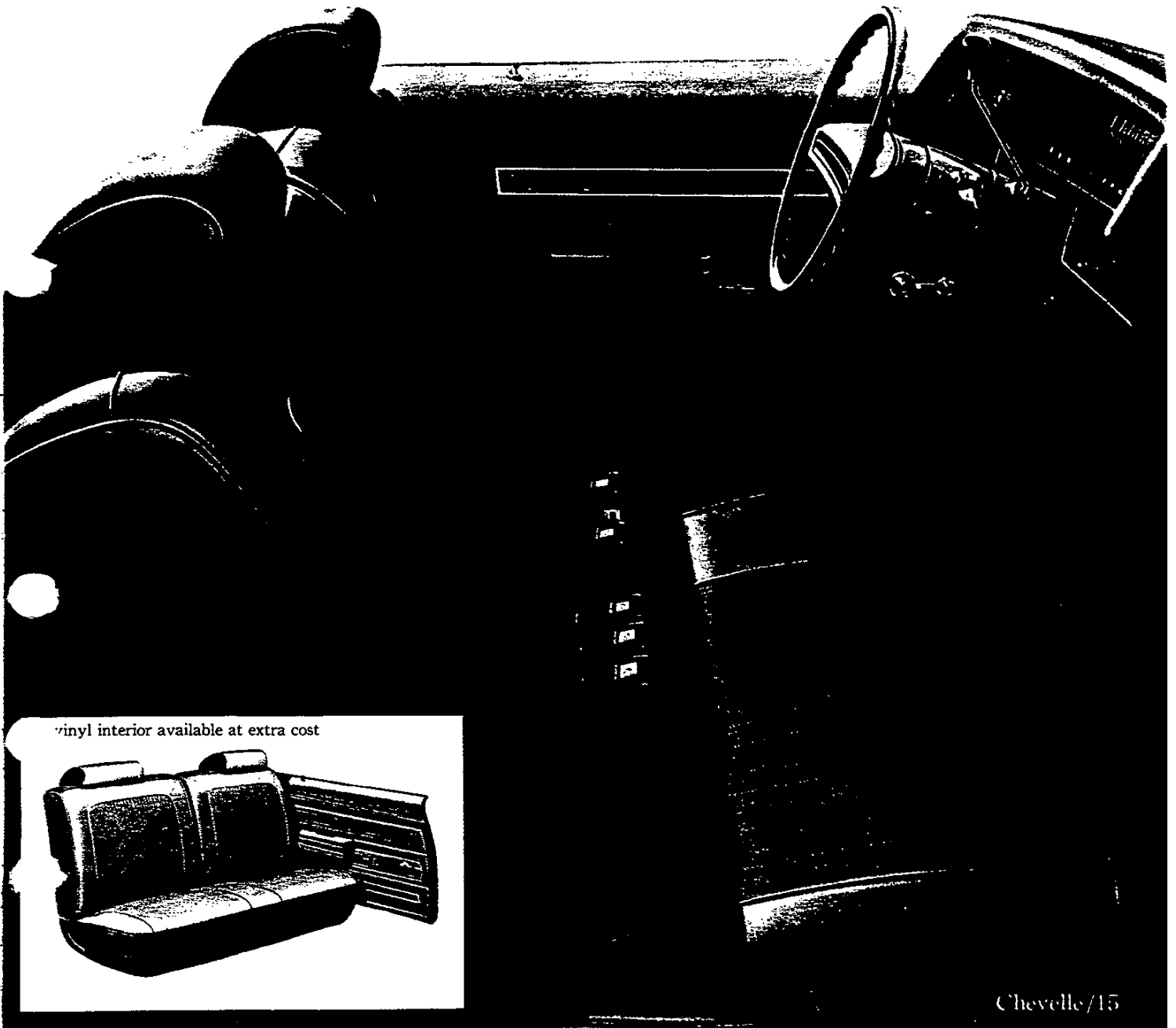
Chevelle 4-Door Sedan



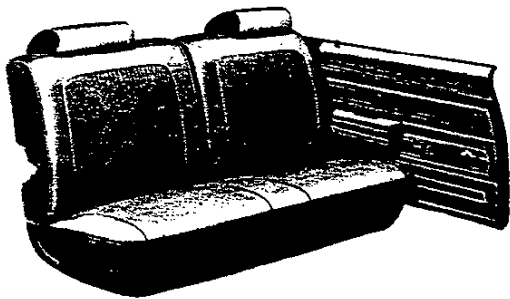
Chevelle Cloth & Vinyl*

Interior

**standard*



vinyl interior available at extra cost



Chevelle 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

MODEL IDENTIFICATION	2
SERIAL NUMBERS AND IDENTIFICATION	3
EXTERIOR EQUIPMENT	4-7
INTERIOR EQUIPMENT	8-14
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

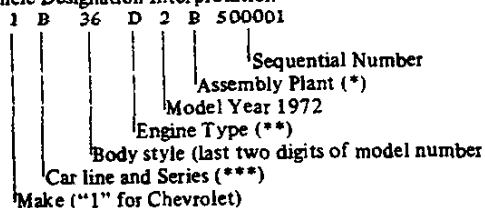
- MODEL 131-13236 NOMAD 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13436 GREENBRIER 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13446 GREENBRIER 4-DOOR STATION WAGON, 3-SEAT
- MODEL 13636 CONCOURS 4-DOOR STATION WAGON, 2-SEAT
- MODEL 13646 CONCOURS 4-DOOR STATION WAGON, 3-SEAT
- MODEL 13836 CONCOURS ESTATE 4-DOOR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

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



*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

EXAMPLE: The twenty-fifth Chevelle vehicle built at GMAD Baltimore if it were a 13136 model (Nomad Station Wagon) with a L6-250 (110 H.P.) engine would bear VIN Number 1B36D2B500025.

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

TRANSMISSION IDENTIFICATION

● Example: R3S2E01

Type	Source	Model Year	Production ^o
Designation	Designation	1972	Month & Date
R3	S (Muncie)	2	E01D*
R3	3-Speed	L-6 engine	S - Muncie
R4	3-Speed	V-8 engines	S - Muncie
WJ	4-Speed	V-8 engine	P - Muncie
RB	Powerglide	L-6 engine	C - Cleveland
RK	Powerglide	V-8 engine	C - Cleveland
SA	Turbo Hydra-matic	V-8 engine	B - Cleveland
CD	Turbo Hydra-matic	V-8 engine	Y - Toledo
			- - Ypsilanti

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.

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

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

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

ENGINE IDENTIFICATION

Example: F1210CBG

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

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

CBG - Regular engine, 3-speed
 CBJ - Regular engine, Powerglide

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 Limed 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	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
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

<u>ROOF AND PILLARS</u>	<u>CHEVELLE</u>	<u>MALIBU</u>
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

<u>INSTRUMENT PANEL AND STEERING COLUMN</u>	<u>CHEVELLE</u>	<u>MALIBU</u>
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		
Spatter 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 Ventipanes	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	T58	
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



The page contains several faint, illegible markings and artifacts, including a small cluster of dark specks on the left side and a few scattered dots and short lines throughout the white space.



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	
—	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	
W120	Overall car width, front doors open	132.3		150.1		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

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	7.1
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 Description	SHIPPING WEIGHT			CURB WEIGHT		
6-Cyl	V8		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
		Powerglide Transmission	- 3
-	307 Cu.In. V8 Engine	Turbo Hydra-matic Transmission	+ 24
		4-Speed Transmission	+ 37
		Turbo Hydra-matic Transmission	+ 44
L65	350 Cu.In. V8 Engine		+ 43
L48	350 Cu.In. V8 Engine	3-Speed Transmission	+ 43
		4-Speed Transmission	+ 53
		Turbo Hydra-matic Transmission	+ 64
LS3	402 Cu.In. V8 Engine	3-Speed Transmission	+297
		4-Speed Transmission	+271
		Turbo Hydra-matic Transmission	+314
LS5	454 Cu.In. V8 Engine	4-Speed Transmission	+403(a)
		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
Z17	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.

1972 AMA SPECIFICATIONS FORM ... Passenger Car

MANUFACTURER Chevrolet Motor Division General Motors Corporation		CAR NAME CHEVELLE	
MAILING ADDRESS - FILE COPY ONLY -		MODEL YEAR 1972	ISSUED: September 1971 REVISED (●)

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

AMA Specifications Form—Passenger Car

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NOTES:

1. The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All dimensions are in inches.

AMA Specifications Form—Passenger Car

 MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

BODY MODEL	Body Series, Type and Number. (Use mfr's. code for identification)		Number of Passengers (Indicate Front/Rear)	
	L-6 Engine Models	V-8 Engine Models	Front	Rear
<u>CHEVELLE</u>				
2-Door Sport Coupe	13337	13437	2	3
4-Door Sedan	13369	13469	3	3
<u>MALIBU</u>				
2-Door Sport Coupe	13537	13637	2	3
4-Door Sport Sedan	---	13639	3	3
2-Door Convertible	---	13667	2	3
4-Door Sedan	13569	13669	3	3
<u>STATION WAGONS</u>				
Nomad, 4-Door, 2-Seat	13136	13236		
Greenbrier, 4-Door, 2-Seat	---	13436		
Greenbrier, 4-Door, 3-Seat	---	13446		
Concours, 4-Door, 2-Seat	---	13636		
Concours, 4-Door, 3-Seat	---	13646		
Concours Estate 4-Door, 2-Seat	---	13836		
Concours Estate 4-Door, 3-Seat	---	13846		
<u>EL CAMINO</u>				
Standard 2-Door Sedan Pickup	13380	13480	3	-
Custom 2-Door Sedan Pickup	---	13680	3	-

NOTE: ANY SPECIFICATIONS ON THE FOLLOWING PAGES THAT ARE SPECIFIC TO CALIFORNIA ARE INDICATED ACCORDINGLY.

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

CAR AND BODY DIMENSIONS

See Pages 27, 28 for SAE Dimension Definitions

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

MODEL	SAE Ref. No.	4-Door Sedan	2-Door Spt. Cpe.	4-Door Spt. Sedan	Convertible	Station Wagon	Sedan Pickup
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WIDTH

Track - Front	W101	60.0				59.3*	
Track - Rear	W102	59.9				59.2	
Maximum overall car width	W103	75.4					
Body width at No. 2 pillar	W117	72.4	--	72.4	--	74.2	--
Max. front doors open	W120	132.3	150.1	132.3	150.1	132.3	
Max. rear doors open	W121	134.4	--	134.4	--	134.2	--

LENGTH

Body "O" to front of dash	L 30	0.0					
Wheelbase	L101	116.0	112.0	116.0	112.0	116.0	
Overall car length	L103	201.5	197.5	201.5	197.5	206.8	
Overhang - front	L104	37.8					
Overhang - rear	L105	47.4					
Body upper structure length	L123	102.1	96.8	102.1	94.7	130.8	59.2
Body "O" line to ϵ of rear wheel	L127	99.5	95.5	99.5	95.5	99.5	
Body "O" line to w/s cowl point	L130	10.4					

HEIGHT

Passenger Distribution (front & rear)		2-3				2-3-2(a)	2-Front
Trunk/Cargo load (lbs.)		200				300	800
Overall height	H101	53.3	52.7	53.3	52.9	54.4	
Cowl height	H114	38.0	38.1	38.0	38.1	39.4	39.1
Deck height	H138						
Rocker panel - front	To ground	8.5	8.6	8.5	8.6	9.8	9.4
	From front wheel ϵ						
Bottom of front door to ground	H133	10.5	10.2	10.5	10.2	12.1 (b)	12.6
Rocker panel - rear	To ground	7.5	7.2	7.5	7.2	9.2	8.5
	From rear wheel ϵ						
Bottom of rear door to ground	H135	10.1	--	10.1	--	11.7 (c)	--
Windshield slope angle	H122	53.0					

GROUND CLEARANCE

Bumper to ground - front	H102	13.8	14.3	13.8	14.3	15.0	
Bumper to ground - rear	H104	15.7	15.1	15.7	15.1	12.9	11.9
Angle of approach	H106	22.1	25.6	22.0	25.6	25.2	25.4
Angle of departure	H107	21.1	20.7	21.0	20.5	17.0	16.5
Ramp breakover angle	H147	13.4	13.8	13.3	13.7	15.5	15.0
Rear axle differential to ground	H153	7.0				7.3	7.1
Min. running clearance (Specify) ^(d)	H156	4.7	4.6	4.7	4.6	6.2	5.7

* - 60.2 with disc brakes.

(a) - 3-seat wagon.

(b&c) - 2-seat wagon 12.6.

(d) - Exhaust system to ground.

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

CAR AND BODY DIMENSIONS

See Pages 27, 29 for SAE Dimension Definitions

MODEL	SAE Ref. No.	4-Door Sedan	2-Door Spt. Cpe.	4-Door Spt. Sedan	Convert-ible	Station Wagon	Sedan Pickup
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FRONT COMPARTMENT

H Point to body "O" line	L31	43.0					
Effective head room	H61	38.5	37.5	38.1	38.3	38.3	38.2
Max. eff. leg room - accelerator	L34	42.7	42.8				42.5
H Point to Heel point	H30	8.1					
H Point travel	L17	4.8					
Shoulder room	W 3	58.2	58.2	58.4	58.2	58.3	58.2
Hip room	W 5	59.8	59.7	59.5	59.7	59.5	59.8
Upper body opening to ground	H50	48.6	48.5	49.1	48.6	50.0	

REAR COMPARTMENT

H Point couple distance	L50	32.8	30.6	32.8	30.6	32.8	--
Effective head room	H63	37.1	36.3	37.1	36.9	38.6	--
Min. effective leg room	L51	35.0	32.3	34.9	32.3	34.8	--
H Point to Heel point	H31	10.8	10.1	10.7	10.1	10.6	--
Min. knee room	L48	2.3	0.7	2.3	0.7	2.3	--
Rear Compartment room	L 3	25.8	23.7	25.8	23.7	26.1	--
Shoulder room	W 4	57.3	56.9	57.2	56.9	57.4	--
Hip room	W 6	59.2	52.9	59.2	50.4	59.3	--
Upper body opening to ground	H51	48.2	--	48.6	--	49.8	--

LUGGAGE COMPARTMENT

Usable luggage capacity (cu. ft.)	V 1	12.8	12.8	13.5	9.0	---	
Liftover height	H195	26.6	25.9	26.6	25.9	--	28.7
Position of spare tire storage		Horizontal; right side of trunk				(b)	(a)
Method of holding lid open		Boxed hinges with torsion rod				--	--

STATION WAGON - THIRD SEAT

Shoulder Room	W85						57.5
Hip room	W86						47.0
Effective leg room	L86						30.6
Effective head room	H86						35.9
Seat facing direction							Rearward

STATION WAGON - CARGO SPACE

Cargo length at floor - front seat	L202						90.9	79.3
Cargo length at belt - front seat	L204						79.9	--
Cargo width - Wheelhouse	W201						44.5	45.3
Opening width at belt	W204						49.6	--
Maximum cargo height	H201						31.6	--
Rear opening height	H202						28.6	--
Cargo volume index (cu. ft.) W4 x L204 x H201 1978	V2						84.0 *	38.5

(a) - Behind passenger's seat.

(b) - Rear quarter.

* 2 seat wagon with 3rd seat well 94 cu. ft.

* 3 seat wagon 89 cu. ft.

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (e)

CHEVELLE & MALIBU MODELS POWER TEAMS

(Indicate whether standard or optional)

Gross bhp (brake horsepower) and gross torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

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

MODEL AVAILABILITY	ENGINE							TRANSMISSION	AXLE RATIO** (Std. first) (Indicate A/C ratio)#						
	Displ. cu. in.	Carb.	Compr. Ratio	Gross @ RPM		Net @ RPM			A	B	C				
				BHP	Torque	BHP	Torque								
All Models Except Convertible And Sport Sedan	Turbo Thrft 250L6 (base)	One; 1-bbl	8.5:1			110	185	3-Spd. Manual (2.85:1 low)	3.08	--	--				
						@ 3800	@ 1600					2-Spd. automatic			
ALL MODELS	Turbo Fire 307V8 (base)	One; 2-bbl	8.5:1			130	230	3-Spd. Manual (2.85:1 low)	3.08	--	--				
						@ 4000	@ 2400	2-Spd. automatic*							
								3-Spd. automatic*				2.73	3.08	3.31	
	Turbo Fire 350 V8 (L65)*	One: 2-bbl					165	280	3-Spd. Manual (2.54:1) Calif. only.	3.08	--	--			
							@ 4000	@ 2400	4-Spd. Manual* (2.54:1 low)				3.36	--	--
									3-Spd. automatic*							2.73	--	3.31
	Turbo Fire 350V8 (L48)*	One; 4-bbl	8.5:1				175	280	3-Spd. Manual (2.54:1 low)	3.31	--	--			
							@ 4000	@ 2400	4-Spd. Manual (2.54:1 low)						
									3-Spd. automatic*				2.73	--	3.31
	Turbo Jet 402V8 (LS3)*	One; 4-bbl	8.5:1				240	345	H.D. 3-Spd. Mnl. (2.42:1 low)	3.31	--	--			
							@ 4400	@ 3200	4-Spd. Manual (2.52:1 low)						
									3-Spd. automatic*				2.73	--	3.31
Sport Coupe And Convertible	Turbo Jet 454V8 (LS5)*	One; 4-bbl	8.5:1			270	390	H.D. 4-Spd. Mnl. (2.20:1 low)	3.31	--	--				
						@ 4000	@ 3200	3-Spd. automatic*							
* - Optional								A - Standard							
**- Positraction available optionally for all ratios								B - Performance option							

- Same ratios available for A/C (V-8 engines only) C - Trailer option

NOTE: V8-307, 402 and 454 ENGINES ARE NOT AVAILABLE IN CALIFORNIA.

THE BASE V8 ENGINE FOR CALIFORNIA IS THE V8-350.

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED _____ REVISED (e) _____

STATION WAGONS & PICKUPS POWER TEAMS

(Indicate whether standard or optional)

Gross bhp (brake horsepower) and gross torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.
 Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

MODEL AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO** (Std. first) (Indicate A/C ratio)#						
	Displ. cu. in.	Carb.	Compr. Ratio	Gross @ RPM		Net @ RPM		A	B	C				
				BHP	Torque	BHP					Torque			
NOMAD & STANDARD PICKUP ONLY	Turbo Thrift 250L6 (base)	One; 1-bbl	8.5:1			110 @ 3800	185 @ 1600	3-Spd. Manual (2.85:1 low)	3.36	--	--			
								2-Spd. automatic						
ALL MODELS	Turbo Fire 307V8 (base)	One; 2-bbl	8.5:1			130 @ 4000	230 @ 2400	3-Spd. Manual (2.85:1 low)	3.36	--	--			
								2-Spd. automatic*						
								3-Spd. automatic*				3.08	--	3.31
	Turbo Fire 350V8 (L65)*	One 2-bbl	8.5:1			165 @ 4000	280 @ 2400	3-Spd. Manual (2.54:1) Calif. only.	3.08	--	--			
								4-Spd. Manual (2.54:1 low)				3.36	--	--
								3-Spd. automatic*							2.56	--	3.31
	Turbo Fire 350V8 (L48)*	One; 4-bbl	8.5:1			175 @ 4000	280 @ 2400	3-Spd. Manual (2.54:1 low)	3.31	--	--			
								4-Spd. Manual (2.54:1 low)						
								3-Spd. automatic*				2.73	--	3.31
	Turbo Jet 402V8 (LS3)*	One; 4-bbl	8.5:1			240 @ 4400	345 @ 3200	H. D. 3-Spd. Mnl. (2.42:1 low)	3.31	--	--			
							4-Spd. Manual (2.52:1 low)							
							3-Spd. automatic*	2.73				--	3.31	
PICKUP MODELS ONLY	Turbo Jet 454V8 (LS5)*	One; 4-bbl	8.5:1			270 @ 4000	390 @ 3200	H. D. 4-Spd. Mnl. (2.20:1 low)	3.31	--	--			
								3-Spd. automatic*						
* - Optional ** - Positraction available optionally for all ratios # - Same ratios available for A/C (V8 engines only)								A - Standard B - Performance option C - Trailer option						

NOTE: V8-307, 402 and 454 ENGINES ARE NOT AVAILABLE IN CALIFORNIA. THE BASE V8 ENGINE FOR CALIFORNIA IS THE V8-350. (L65)

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (e)

MODEL	Turbo-Thrift 250 Standard	Turbo-Fire 307 Standard	Turbo-Fire 350 RPO L65
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ENGINE - GENERAL

Type, no. cyls., valve arr.	In-line 6 OHV	90° V-8 OHV	
Bore and stroke (nominal)	3.875x3.53	3.875x3.25	400x3.48
Piston displacement, cu. in.	250	307	350
Bore spacing (C to C)		4.40	
No. system (front to rear)	L. Bank	1-2-3-4-5-6	1-3-5-7
	R. Bank	In-line	2-4-6-8
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cyl. Sleeve-Wet, dry, none	None		
Number of mtg. points	Front	Two	
	Rear	One	
Engine installation angle	4° 46'		
Taxable horsepower	$\frac{\text{Dia}^2 \times \text{No. Cyl.}}{2.5}$ 36.0	48.0	51.2
Recommended fuel regular - premium	Regular (unleaded or low lead)		
Cylinder Head Volume (cc)	72.71	74.56	75.47
Head Gasket Thickness (Compressed)	.032	.021	.021
Head Gasket Volume (cc)	6.86	4.32	4.58
Deck Clearance (nominal) (above or below block)	.008 (below)	.025 (below)	.025 (below)
Minimum Combustion Chamber Volume (cc)	71.71	74.47	74.47

ENGINE - PISTONS

Material	Cast aluminum alloy		
Description and finish	Sump head; slipper skirt	Flat head, notched; slipper skirt	Sump head; slipper skirt
Weight (piston only) oz.	28.80	22.00	21.17
Clearance (limits)	Top land	.0245-.0335	.0235-.0325
	Skirt	Top	.0005-.0015 (a)
		Bottom	.0007-.0017 (c)
Ring groove diameter	No. 1 ring	3.434-3.444	3.442-3.452
	No. 2 ring	3.434-3.444	3.442-3.452
	No. 3 ring	3.446-3.456	3.454-3.464
	No. 4 ring	---	

- (a) Measured 2.44 from top of piston.
- (b) Measured 1.675 from top of piston.
- (c) Measured 1.56 from top of piston.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

MODEL	Turbo-Fire 350 RPO L48	Turbo-Jet 402 RPO LS3	Turbo-Jet 454 RPO LS5
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ENGINE - GENERAL

Type, no. cyls., valve arr.	90° V-8 OHV		
Bore and stroke (nominal)	4.00x3.48	4.126x3.76	4.251x4.00
Piston displacement, cu. in.	350	402	454
Bore spacing (C to C)	4.40	4.84	
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing Order	1-8-4-3-6-5-7-2		
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cyl. Sleeve-Wet, dry, none	None		
Number of mtg. points	Front	Two	
	Rear	One	
Engine installation angle	4° 46'		
Taxable horsepower	51.2	54.5	57.8
Recommended fuel regular - premium	Regular (unleaded or low lead)		
Cylinder Head Volume (cc)	75.47	113.06	113.06
Head Gasket Thickness (Compressed)	.021	.028	.028
Head Gasket Volume (cc)	4.58	6.69	7.10
Deck Clearance (minimum) (above or below block)	.025 (below)	.018 (below)	.020 (below)
Minimum Combustion Chamber Volume (cc)	74.47	112.06	112.06

ENGINE - PISTONS

Material	Cast aluminum alloy		
Description and finish	Sump head; slipper skirt	Domed head; valve cutout	Flat head; valve cutout
Weight (piston only) oz.	21.17	29.70	30.85
Clearance (limits)	Top land	.0235-.0325	.0310-.0370
	Skirt	Top	.0007-.0017 (a)
		Bottom	.0018-.0028 (b)
Ring groove diameter	No. 1 ring	3.546-3.556	3.770-3.780
	No. 2 ring	3.546-3.556	3.770-3.780
	No. 3 ring	3.582-3.592	3.803-3.813
	No. 4 ring		

(a) Measured 1.56 from top of piston.

(b) Measured 1.878 from top of piston.

(c) Measured 1.64 from top of piston.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

MODEL	L6-250	V8-307	V8-350	V8-402	V8-454
	Standard	Standard	L65 & L48	LS3	LS5

ENGINE - RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression			
	No. 2, oil or comp.	Compression			
	No. 3, oil or comp.	Oil			
	No. 4, oil or comp.	--			
Compression	Description - Upper	Cast alloy iron, barrel face (a)			
	material, coating, etc. Lower	Cast alloy iron, inside bevel, tapered face (b)			
	Width	(c)	(d)	(e)	(f)
	Gap	.010-.020		(g)	.010-.020
Oil	Description -	Multi-piece (2 rails and 1 spacer expander)			
	material, coating, etc.	Rails-steel, chrome plated O. D. ; expander-stainless steel			
	Width	.1870-.1890 assembled			
	Gap	.015-.055		.010-.030	
Expanders		In oil ring assembly			

ENGINE - PISTON PINS

Material		Chromium steel			
Length		2.990-3.010		2.930-2.950	
Diameter		.9270-.9273		.9895-.9898	
Type	Locked in rod, in piston, floating, etc.	Locked in rod			
	Bush- ing	In rod or piston	None		
		Material	--		
Clearance	In piston	.00015-.00025		(h)	.0003 - .0004
	In rod				
Direction & amount offset in piston		Major thrust side .060			

ENGINE - CONNECTING RODS

Material		Drop forged steel			
Weight (oz.)		12.50	20.80	27.84	
Length (center to center)		5.695-5.705		6.130-6.140	
Bearing	Material & Type	Copper lead alloy steel backed		Premium aluminum	
	Overall length	.807	.797	.847	
	Clearance (limits)	.0007-.0027	.0013-.0035	.0009-.0025	
	End play	.009-.014	.008-.014	.015-.023	

(a) Molybdenum spray on L6-250; Chrome plate V8-307 & 350; molybdenum inlay on V8-402 and 454.

(b) Chrome plate on V8-402 only; wear resistant coating on all others.

(c) Upper .0775-.0780; lower .0770-.0780.

(d) Upper .0775-.0780; lower .0770-.0775.

(e) Upper and lower .0770-.0780.

(f) Upper and lower .0770-.0775.

(g) Upper .010-.020; lower .013-.025.

(h) .00025-.00035.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

MODEL	L6-250	V8-307	V8-350	V8-402	V8-454
	Standard	Standard	L48	LS3	LS5

ENGINE - CRANKSHAFT

Material	Cast nodular iron			Forged steel		
Vibration damper type	Rubber mounted inertia					
End thrust taken by bearing (No.)	7			5		
Crankshaft end play	.002-.006			.006-.010		
Main bearing	Material & type	Steel backed insert; copper lead alloy or premium aluminum lining selected for specific application				
	Clearance	.0003-.0029 (a)		.006-.010 (b)		
	Journal dia. and bearing overall length	No. 1	2.3004x.752	2.4502x.752	2.7504x.962	2.7492x.992
		No. 2	2.3004x.752	2.4502x.752	2.7504x.962	2.7504x.992
		No. 3	2.3004x.752	2.4502x.752	2.7504x.962	2.7504x.992
		No. 4	2.3004x.752	2.4502x.752	2.7504x.962	2.7504x.992
		No. 5	2.3004x.752	2.4508x1.177	2.7505x1.256	2.7499x1.256
		No. 6	2.3004x.752	None		
No. 7		2.3004x.760	None			
Dir. & amt. cyl. offset	None					
No. bolts/main brg. cap	14 & 7	10 & 5	10 & 5	10 & 5		
Crankpin journal diameter	1.999-2.000	2.099-2.100	2.199-2.200			

ENGINE - CAMSHAFT

Location	(c)	In block above crankshaft			
Material	Cast alloy iron				
Bearings	Material	Steel backed babbitt			
	Number	4	5		
Type of Drive	Gear or chain	Gear	Chain		
	Crankshaft gear or sprocket material	Steel	Steel sprocket		
	Camshaft gear or sprocket material	(d)	Nylon teeth with aluminum hub		
	Timing chain	No. of links	None	46	50
		Width	None	.740	.740
Pitch		None	.500	.500	

(a) No. 1 - .0008-.0020

No. 2, 3 & 4 - .0011-.0023

No. 5 - .0017-.0033

(b) No. 1 - .0007-.0019

No. 2, 3 & 4 - .0013-.0025

No. 5 - .0019-.0035

(c) Above and to right of crankshaft

(d) Bakelite and fabric composition with steel hub

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (a)

MODEL		L6-250 Standard	V8-307 Standard	V8-350 L65 & L48	V8-402 LS3	V8-454 LS5						
ENGINE - VALVE SYSTEM												
Hydraulic lifters (Std., opt., NA)		Standard										
Valve rotator, type (intake, exhaust)		None	Exhaust			None						
Rocker ratio		1.75:1	1.50:1		1.70:1							
Operating tappet clearance (indicate hot or cold)	Intake	Zero										
	Exhaust	Zero										
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16° (16°)	28° (44°)	30°	56°						
		Closes (°ABC)	48° (48°)	72° (96°)	70°	114°						
		Duration (deg.)	244° (244°)	280° (320°)	280°	350°						
	Exhaust	Opens (°BBC)	46° 30' (64°)	78° (88°)	77°	110°						
		Closes (°ATC)	17° 30' (50°)	30° (66°)	61°	62°						
		Duration (deg.)	244° (294°)	288° (334°)	318°	352°						
Valve open overlap (deg.)		33° 30' (66°)	58° (110°)	91°	118°							
Intake	Material		Alloy steel; aluminized face all engines except V8-307&350 (a)									
	Overall length		4.902-4.922		4.870-4.889		5.215-5.235					
	Actual overall head dia.		1.715-1.725		1.935-1.945		2.060-2.070					
	Angle of seat & face (deg.)		46° (seat); 45° (face)									
	Seat insert material		None									
	Stem diameter		.3410-.3417		.3715-.3722							
	Stem to guide clearance		.0010-.0027									
	Lift (+ zero lash)		.3880 (.3880)		.3900 (.4006)		.3983 .4614					
	Outer spring press. & length	Valve closed (lb. & in.)	56-64 @ 1.66		76-84 @ 1.68		76-84 @ 1.70		84-96 @ 1.88		69-81 @ 1.88	
		Valve open (lb. & in.)	180+92 @ 1.27		194-206 @ 1.17		194-206 @ 1.25		205-225 @ 1.48		228-252 @ 1.38	
	Inner spring press. & length	Valve closed (lb. & in.)	None		Spring damper				26-34 @ 1.78			
		Valve open (lb. & in.)	None		Spring damper				81-99 @ 1.28			
Exhaust	Material		High alloy steel aluminized face (a)									
	Overall length		4.913-4.933		5.345-5.365							
	Actual overall head dia.		1.495-1.505		1.715-1.725							
	Angle of seat & face (deg.)		46° (Seat); 45° (Face)									
	Seat insert material		None									
	Stem diameter		.3410-.3417		.3713-.3720							
	Stem to guide clearance		.0010-.0027									
	Lift (+ zero lash)		.3880 (.4051)		.4100 (.4100)		.4300 .4800					
	Outer spring press. & length	Valve closed (lb. & in.)	56-64 @ 1.66		76-84 @ 1.68		76-84 @ 1.70		84-96 @ 1.88		69-81 @ 1.88	
		Valve open (lb. & in.)	180-192 @ 1.27		194-206 @ 1.17		194-206 @ 1.25		205-225 @ 1.48		228-252 @ 1.38	
Inner spring press. & length	Valve closed (lb. & in.)	None		Spring damper				26-34 @ 1.78				
	Valve open (lb. & in.)	None		Spring damper				81-99 @ 1.28				

(a) Head aluminized on V8-402 and 454.

NOTE: Items bracketed () pertain to data on components used in engines for California only.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

MODEL L6-250 V8-307 & 350 V8-402 & 454

ENGINE – LUBRICATION SYSTEM

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

ENGINE – EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single with cross over	Dual with resonators
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow		2-mufflers 2-resonators (a)
Exhaust pipe dia. (O.D., wall thick.)	Branch	None	2.00 x .069 (c)
	Main	2.00 x .064	2.50 (2.00 for V8-307) x .082 (b)
Tail pipe dia. (O.D. & wall thickness)	1.88 x .069		2.00 x .069 (d)

- (a) One (transverse) resonator on Pick-Ups
 (b) Laminated
 (c) Pipe-muffler to resonators
 (d) Oval type extension.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

MODEL	L6-250 Standard	V8-307 Standard	V8-350 L65 & L48	V8-402 LS3	V8-454 LS5
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ENGINE - FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.		Carburetor			
Fuel Tank	Refill capacity (U.S. gals.)	Approximately 19; Station Wagon 18			
Fuel Tank	Filler location	Behind hinged rear license plate (**)			
Fuel Pump	Type (elec. or mech.)	Mechanical			
Fuel Pump	Locations	Lower right front of engine			
Fuel Pump	Pressure range *	4.00-5.00	5.50-7.00	7.50-9.00	
Vacuum booster (std., optional, none)		None			
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank and			
Fuel Filter	Locations	paper filter (sintered bronze with V8-307) in carburetor inlet			
Carburetor		Automatic			
Intake manifold heat control (exhaust or water)		Exhaust			
Carburetor	Air cleaner type	Standard	Thermostatically controlled; oil wetted paper element		
		Optional	---		
Carburetor	Idle speed (spec. neutral or drive)	Manual - N	700	900 (800 - L48)	800
		Automatic - D	600		
		Idle A/F mix.	Not specified		

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
13100 13300 13500	250	Manual	Rochester	7042017 (7042987)	One	1.69
		Automatic		7042014 (7042984)	1-bbl	
13200 13400 13600 13800	307	Manual	Rochester	7042101 (7042821)	One;	1.44
		Automatic		7042100 (7042820)	2-bbl	
	350 245hp	Manual	Rochester	7042111 (7042831)	One;	1.69
		Automatic		7042112 (7042832)	2-bbl	
	350 270hp	Manual	Rochester	7042203 (7042903)	One;	1.38 Prim. 2.25 Sec.
		Automatic		7042202 (7042902)	4-bbl	
	402 300hp	Manual	Rochester	7042201	One;	1.38 Prim. 2.25 Sec.
		Automatic		7042200	4-bbl	
13637 13667 13680	454 365hp	Manual	Rochester	7042201	One;	1.38 Prim. 2.25 Sec.
		Automatic		7042200	4-bbl	

Note: Items bracketed () are used in engines required for California.

* - Shut off pressure - 1800 RPM at pump outlet. ** - Left quarter panel on station wagons.

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(a)

MODEL	L6-250 Standard	V8-307 Standard	V8-350 L65 & L48	V8-402 LS3	V8-454 LS5
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ENGINE - COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure					
Radiator cap relief valve pressure		15±1 PSI					
Circulation thermostat	Type (choke, bypass)	Choke					
	Starts to open at (°F)	192° - 198°					
Water pump	Type (centrifugal, other)	Centrifugal					
	GPM - 1000 pump rpm	20.4@2300	26.0@1900	23.8@1900	24.3@1900		
	Number of pumps	One					
	Drive (V-belt, other)	V-belt					
	Bearing type	Permanently lubricated double row ball					
By-pass recirculation type (inter., ext.)		Internal			External		
Radiator core type (cellular, tube and fin, other)		Tube and Center					
Cooling system capacity	With heater (qt.)	12	15	16	23	22	
	Without heater (qt.)	11	14	15	22	21	
	Opt. equipment-specify (qt.)	12	16	16	24	23	
Water jackets full length of cyl. (yes, no)		Yes					
Water all around cylinder (yes, no)		Yes					
Radiator hose	Lower	Number and type (molded, straight)	One, molded				
		Inside diameter	1.75		1.88		
	Upper	Number and type (molded, straight)	One, molded				
		Inside diameter	1.50				
	By-pass	Number and type (molded, straight)	None			One, molded	
		Inside diameter	None			.725-.765	
Fan	Number of blades & spacing		4-staggered				
	Diameter		17.62	19.00	18.00		
	Ratio-fan to crankshaft rev.		1.165:1	.949:1			
	Fan cutout type		None				
	Bearing type		Double row ball				
* Drive belts (indicate belt used by letter)	Fan		A C	D	G	H	
	Generator or alternator		A C	D	G	H	
	Water Pump		A C	D	G	H	
	Power Steering		B	E	I		
	Air Conditioning		-	F	J		
	Air Injection *		C	G		K	

* California Engines Only.

* Drive Belt Dimensions	A	B	C*	D	E	F	G*	H	I	J	K
Angle of V	← 38° - 42° →										
Nominal length (SAE)	37.30	48.50	51.50	44.25	36.00	54.50	47.50	45.75	41.00	58.00	
Width	← .380 →										

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(a)

MODEL L6-250, V8-307 & 350 L6-250 & V8-350
 (standard equipped engines) (California equipped engines)

VEHICLE EMISSION CONTROL * Also used on standard equipped engines V8-402 & 454.

	Type (Air injection, engine modifications, other)		Engine modifications	Air Injection*	
	Exhaust Emission Control	Air Injection Pump	Type		Semi-articulated vane type
Displacement				19.3 cubic inch	
Drive ratio				1.15:1	
Drive type				Crankshaft pulley	
Relief valve (type)				Diverter valve	
Filter (describe)				Centrifugal air cleaner	
Air Injection System		Air distribution (head, manifold, etc.)			Manifold
		Point of entry			Exhaust ports
		Injection tube i.d.			.2565
		Check valve type			Pressure plate type
Backfire protection (type)			Diverter valve		
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard	Induction system	
			Optional	--	
	Control Unit	Make and model		AC Spark Plug Division-6484603(L6):6484541(V8)	
		Location		Rocker cover - top rear L-6 and left front V-8	
		Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
	Control method (variable orifice, fixed orifice, other)		Variable orifice		
	Complete system	Discharges (to intake manifold, other)		Intake manifold	
		Air inlet (breather cap, other)		Carburetor air cleaner	
		Flame arrestor (screen, other)		Screen	
	Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)		19 approximately; 18 station wagons
Thermal expansion volume (cu. ft.)			Approximately 10% of refill capacity		
Pressure relief location (lbs.)			1.1 PSI		
Vacuum relief location (lbs.)			.3 PSI		
Vapor-liquid separator type			Standpipe		
Vapor vented to (crankcase, canister, other)		Canister			

Carburetor		Vapor vented to (crankcase, canister, other)		No vents	

Vapor Storage		Storage provision (crankcase, canister, other)		Canister	

	Volume (cu. ft.) or capacity (grams)		Approximately 50 grams storage capacity		
Control valve type		Vacuum controlled staged purge valve			

NOT APPLICABLE

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

MODEL	L6-250 Standard	V8-307 Standard	V8-350 L65 & L48	V8-402 LS3	V8-454 LS5
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ELECTRICAL – SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy 1980141	Delco-Remy 1980145	Delco-Remy 1980149	
	Voltage Rtg. & Total Plates	12 volts - 54 plates	12 volts - 66 plates	12 volts - 90 plates	
	SAE Designation & Amp. Hr. Rtg.	45 amp hr @ 20 hr rate	61 amp hr @ 20 hr rate	80 amps @ 20 hr rate	
	Location	Right side of engine compartment			
	Terminal grounded	Negative			
Generator or Alternator	Make	Delco-Remy			
	Model	1102452	1102440	1102454	
	Type and rating	Diode rectified - 37 amps			
	Output at engine idle (neutral)	13 amps			
	Ratio-Gen. to Cr/s rev.	2. 73:1		2. 15:1	
Regulator	Make	Delco-Remy			
	Model	1119515			
	Type	Vibrator			
	Cutout relay	Closing voltage generator rpm	None		
		Reverse current to open	None		
	Regulated	Voltage	13.8 - 14.8 @ 85°F		
		Current	---		
	Voltage test conditions	Temperature	Operating		
Load		3-8 amperes			
	Other	None			

ELECTRICAL – STARTING SYSTEM

Starting Motor	Make				
	Model	1108365	1108418	1108430*	
	Rotation (drive end view)	Clockwise			
Motor control	Switch (solenoid, manual)	Solenoid			
	Starting procedure	Manual - Place gearshift lever in neutral and depress clutch Automatic - Place gearshift lever in N or P position Initial Start - Press accelerator to floor and release. Turn ignition to START release as soon as engine starts			
Motor Drive	Engagement type	Positive shift solenoid			
	Pinion meshes (front, rear)	Rear			
	Number of teeth	Pinion	9	9	
		Flywheel	Manual	153	168
			Auto.	153	168
Flywheel tooth face width	Manual	.4010 - .4130	.4100 - .4220		
	Auto.	.4010 - .4130	.4100 - .4220		

* Also V8-350 (270 HP)

AMA Specifications Form—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

	L6-250	V8-307	V8-350		V8-402	V8-454
MODEL	Standard	Standard	L65	L48	LS3	LS5

ELECTRICAL - IGNITION SYSTEM - DISTRIBUTOR

Breaker gap (in.)		.019					
Cam angle (deg.)		31-34	29-31			28-30	
Brkr. arm tension (oz.)		19-23				28-32	
Distributor	Manual	1110489	1112005	1112005	1112044	1112057	1112052
	Automatic	1110489	1112039	1112005	1112045	1112057	1112052
Timing	Manual	4°BTC@700	4°BTC@900	6°BTC@900	4°BTC@800	8°BTC@800	8°BTC@800
	Automatic	4°BTC@600	4°BTC@600	6°BTC@600	8°BTC@600	8°BTC@600	8°BTC@600

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at in. of Mercury	
	Start	Intermediate	Max.	Start	Max.
1110489	1270	14@2300	24@1400	8.00	22@16
1112005	1000	14@2200	24@4300	8.00	20@17
1112039	1320	12@2200	20@4200	8.00	20@17
1112044	1160	15@2400	22@4200	8.00	15@15.5
1112045	1335	11@2400	18@4200	7.00	15@15.5
1112052	1143	14@2000	22@3900	8.00	20@17
1112057	1260	16@2400	30@4400	8.00	20@17

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MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(*)

MODEL	L6-250	V8-307	V8-350	V8-402	V8-454
	Standard	Standard	L65 | L48	LS3	LS5

ELECTRICAL – IGNITION SYSTEM

Type	Conventional – Std., Opt., N.A.	Standard	
	Transistorized – Std., Opt., N.A.	Not available	
	Other (specify)	None	
Coil	Make	Delco-Remy	
	Model	1115208 | 1115293	
	Amps	Engine stopped	4.0
		Engine idling	1.8
Spark Plug	Make	AC Spark Plug	
	Model	AC R46T | AC R44T	
	Thread (mm)	14	
	Tightening torque (lb. ft.)	25	
	Gap	.033-.038	
Cable	Conductor type	Linen core impregnated with electrical conducting mat'l.	
	Insulation type	Rubber with neoprene jacket	
	Spark plug protector	Neoprene	

ELECTRICAL – SUPPRESSION

Locations & type	Non-metallic high ignition cables
------------------	-----------------------------------

ELECTRICAL – INSTRUMENTS AND EQUIPMENT

Speed-ometer	Type	In-line with pointer
	Trip odometer (std. opt., N.A.)	N. A.
Charge indicator – type		Tell-tale
Temperature indicator – type		Tell-tale
Oil pressure indicator – type		Tell-tale
Fuel indicator – type		Electric gage
Wind-shield wiper	Type – Standard	Electric two-speed
	Type – Optional	None
Wind-shield washer	Type – Standard	Push-button
	Type – Optional	None
Horn	Type	Vibrator
	Number used	One
	Amp draw (each)	4.5-6.5 @ 12.5V (low note)
Other		

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MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED ^(a)

MODEL	L6-250	V8-307	V8-350		V8-402	V8-454
	Standard	Standard	L65	L48	LS3	LS5

DRIVE UNITS – CLUTCH (Manual Transmission)

Make & type	Chevrolet Single dry disc		Chevrolet Single dry disc, centrifugal	
Type pressure plate springs	Diaphragm		Diaphragm, bent finger design	
Total spring load (lb.)	1650-1850	1900-2200	2100-2300	2450-2750
No. of clutch driven discs	One			
Clutch facing	Material	Woven type asbestos		
	Outside & inside dia.	9.12x6.12	10.34x6.50	11.00x6.50
	Total eff. area (sq.in.)	71.82	101.54	123.70
	Thickness	.135		.140
	Engagement cushioning method	Flat spring steel between facings		
Release bearing	Type & method of lubrication	Single row ball, packed and sealed		
Torsional damping	Methods: springs, friction material	Coil springs		

DRIVE UNITS – TRANSMISSIONS

Manual 3-speed (std., opt. N.A.)	Standard	Standard(a)	Standard (c)	N. A.
Manual 4-speed (std., opt. N.A.)	N. A.	Standard(b)	Optional	Standard(d)
Automatic (std., opt. N.A.)	Optional			

DRIVE UNITS – MANUAL TRANS.

Number of forward speeds	3 (e)	3 (f)	3 (g)	4 (h)	4 (I)	4 (j)	
Transmission ratios	In first	2.85	2.42	2.54	2.52	2.54	2.20
	In second	1.68	1.58	1.50	1.88	1.80	1.64
	In third	1.00	1.00	1.00	1.46	1.44	1.27
	In fourth	--	--	--	1.00	1.00	1.00
	In reverse	2.95	2.41	2.63	2.59	2.54	2.26
Synchronous meshing, specify gears	All forward gears						
Shift lever location	Steering column 3-Speed Floor mounted 4-Speed						
Lubricant	Capacity (pt.)	3					
	Type recommended	Meeting Military Specs. MIL-L-2105B					
	SAE viscosity number	Summer	SAE 80				
		Winter	SAE 80				
	Extreme cold	SAE 80					

- (a) California only; N. A. non-California.
- (b) Non-California only; N. A. California.
- (c) Heavy duty version with V8-402.
- (d) Heavy duty version.
- (e) Used with L6-250 & V8-307.
- (f) Used with V8-402.
- (g) Used with V8-350.
- (h) Used with V8-402.
- (I) Used with V8-350.
- (j) Used with V8-454.

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MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

MODEL	2-SPEED AUTOMATIC L6-250 V8-307	3-SPEED AUTOMATIC V8-307 & V8-350	V8-402 & V8-454
-------	---	--------------------------------------	-----------------

DRIVE UNITS – AUTOMATIC TRANSMISSION

Trade name	Powerglide	Turbo Hydra-matic	
Type describe	Torque converter with planetary gears		
Selector location	Lever-steering column; floor mounted when used with console and optional bucket seats on convertible & coupes		
List gear ratios Selector Pattern and indicate which are used in each selector position	P-Park R-1.82 N-Neutral D-1.82-1.00 L-1.82	P-Park R-1.93 N-Neutral D-2.52-1.52-1.00 L2-2.52-1.52 L1-2.52	P-Park R-2.08 N-Neutral D-2.48-1.48-1.00 L2-2.48-1.48 L1-2.48
Max. upshift speed—drive range	60	64	1-2 52; 2-3 83
Max. kickdown speed—drive range	58	61	2-1 44; 3-2 81
Torque converter	Number of elements 3		
	Max. ratio at stall 2.10		
	Type of cooling (air, liquid) Water		
Lubricant	Nominal diameter 11.00	11.75	12.20
	Capacity—refill (pt.) 6	5	8
	Type recommended A suffix A		
Special transmission features			

DRIVE UNITS – PROPELLER SHAFT

Number used	One	
Type (straight tube, tube-in-tube, internal-external damper, etc.)	Straight tube	
Outer diam. x length* x wall thickness	Manual 3-speed trans.	3.25 x 59.52 x 0.065 (116" wheel base) 3.25 x 55.52 x 0.065 (112" wheel base)
	Manual 4-speed trans.	3.25 x 59.52 x 0.065 (116" wheel base) 3.25 x 55.52 x 0.065 (112" wheel base)
	Overdrive transmission	Not available
	Automatic transmission	3.25 x 59.52 x 0.065 (116" wheel base) 3.25 x 55.52 x 0.065 (112" wheel base)

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

(Continued)

* Upshift - V8-402 (1-2 54; 2-3 91) V8-454 (1-2 50; 2-3 82)
Downshift - V8-402 (2-1 31; 3-2 67) V8-454 (2-1 24; 3-2 58)

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MODEL _____

DRIVE UNITS – PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	---
Slip Yoke	Type	Yoke
	Number of teeth	27
	Spline O.D.	1. 1750-1. 1752
Universal joints	Make and Mfg. No.	Chevrolet 1285
	Number used	Two
	Type (ball and trunnion, cross)	Cross
	Rear attach. (u-bolt, clamp, etc.)	U-bolt
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Pre-Pack
Drive taken through (torque tube or arms, springs)		Control Arms
Torque taken through (torque tube or arms, springs)		Control Arms

DRIVE UNITS – AXLE

Type (front, rear)	Rear		
Description	Semi-floating, overhung hypoid pinion & ring gear		
Limited Slip differential, type	Cone clutches or dual disc clutches		
Drive Pinion Offset	1. 50		
No. of differential pinions	Two		
Pinion adjustment (shim, other)	Shims		
Pinion bearing adj. (shim, other)	Collapsible sleeve		
Wheel bearing type	Direct single row cylindrical		
Lubricant	Capacity (pt.)	4. 25 (8-1/8 ring gear); 4. 9 (8-7/8 ring gear)	
	Type recommended	Open Diff: Meeting Military Specs. MIL-L-2105-B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2. 73	3. 08	3. 36	2. 73	3. 31	4. 10
No. of teeth	Pinion	15	12	13	15	13	10
	Ring gear	41	37	43	41	48	41
Ring Gear O.D.		8. 125			8. 875		

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MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)
 MODEL 6 Cyl. & V8 exc. "SS" & LS3 LS3 402 C. I. D. Engine "SS" Models Station Wagon

DRIVE UNITS — TIRES AND WHEELS (STANDARD)

TIRES	Size, load range, ply		E78x14B	F78x14B	F60x15B	G78x14B(a)	
	Type (bias, radial, etc.)		Bias belted				
	Normal max. load inflation pressure (cold)	Front	24				
		Rear	28				
Rev./mile @ 45 mph		800	785	801	778		
WHEELS	Type & material		Short, spoke disc; steel				
	Rim (size & flange type)		14 x 5		15 x 7		14 x 6
	Attachment	Type (bolt or stud)	Stud				
		Circle diameter	4.75				
		Number & size	5 hex nuts 7/16-20 UNF-2B				
	Spare wheel (same or other)		SAME				

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply		F78x14B	---	G78x14D (a)
Type (bias, radial, etc.)		Bias belted		
Normal max. load inflation pressure (cold)	Front	24		
	Rear	28		
Rev./mile @ 45 mph		785	---	773
Wheel type & material		Short spoke disc; steel		
Rim (size & flange type)		14 x 6		14 x 6 Rally

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply				
Type (bias, radial, etc.)				
Normal max. load inflation pressure (cold)	Front			
	Rear			
Rev./mile @ 45 mph				
Wheel type & material		Short spoke disc; steel		
Rim (size & flange type)		15 x 7 (Trans Am)		

BRAKES — PARKING

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

(a) As required by weight.

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	STANDARD	OPTIONAL (A)
--	----------	--------------

MODEL
BRAKES – SERVICE

Type (drum) or (disc & no. of pistons)		Drum, front and rear (b)	Disc, front; drum, rear (b)	
Self adjusting (std., opt., N.A.)		Standard		
Special Valving	Type (proportion, delay, metering, other)	None	Metering & proportioning (exc. station wagons)	
Power brake make & type (remote, int., etc.)	Std. Opt.	--- Optional (c)	Standard (c) ---	
Effective area (sq. in.) *		151.6	102.9	
Gross lining area (sq. in.) **		168.9	118.1	
Swept area (sq. in.) ***		268.6	332.4	
Effectiveness				
		Front	Rear	
Drum	Diameter (nominal)	Front	9.5	
		Rear	---	
Type and material		9.5		
		Composite: cast iron finned rim, steel web		
Rotor	Outer working diameter		11.0	
	Inner working diameter		7.18	
	Thickness		1.00	
	Material & type (vented/solid)		Cast iron-vented	
Wheel cylinder bore	Front		2.9375	
	Rear		0.875	
Master Cylinder	Bore		1.125	
	Stroke		1.41	
Pedal arc ratio		6.32 (4.02 w/power brake)	3.44	
Line pressure at 100 lb. pedal load		805	1025	
Shoe Clearance	Front		Self-adjusting	
	Rear		Self-adjusting	
Anti-skid device type (std., opt., N.A.)		N. A.		
Brake lining	Bonded or riveted		Bonded	
	Front Wheel	Material		Molded asbestos
		Size (length x width x thickness)	Prim. or out-board	9.01x2.5x0.17
			Second. or in-board	5.96x2.21x0.41
		Segments per shoe		One
	Rear Wheel	Material		Molded asbestos
		Size (length x width x thickness)	Prim. or out-board	9.01x2.0x0.17
			Second. or in-board	9.75x2.0x0.20
		Segments per shoe		One

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept area for four brakes. (Widest lining contact width for each brake x its contact circumference.)

- (A) Standard with all station wagons except 13236 and "SS" models.
- (b) Drum-single piston, duo-service; Disc-single piston, floating caliper.
- (c) Delco Moraine, integral.

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MODEL _____

STEERING

Manual (std., opt., NA)		Standard energy absorbing steering column	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: universally jointed steering shaft at base of steering wheel; 5 inch vertical range	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	15.25x14.75 - Oval	
	Power	Same	
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	45.5
		Curb to curb (l. & r.)	42.0
	Inside rear	Wall to wall (l. & r.)	--
		Curb to curb (l. & r.)	--
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw Steering
		Ratios	24.0:1
		Overall	28.7:1
	No. wheel turns (stop to stop)	5.5	
Power	Type (coaxial, linkage, etc.)		Integral gear with vane type pump
	Make		Saginaw Steering
	Gear	Type	Same as manual
		Ratios	16.0-13.0:1
		Overall	18.5-12.4:1
	Pump driven by		Crankshaft pulley
No. wheel turns (stop to stop)		2.9	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Front
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		Two
Steering Axis	Inclination at camber (deg.)		8-1/4±1/2
	Bearings (type)	Upper	Ball stud with non-metallic surfaces
		Lower	Ball stud with non-metallic surfaces
	Thrust		None
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		-1±1
	Camber (deg.)		+3/4±3/4
	Toe-in (outside track inches)		1/16 to 5/16
Steering spindle & joint type		Forging with pad for mounting brake cyl. ; spherical joints	
Wheel Spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	0.7493-0.7498
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper Roller

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MODEL _____

SUSPENSION – GENERAL

(See Supplement page for details on Air Suspension)

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

SUSPENSION – FRONT

Type and description	Independent-SLA type with coil spring and concentric shock absorber and spherically jointed steering knuckle for each wheel	
Spring	Type	Coil
	Material	Steel alloy
	Size (coil design height & I.D.; bar length x dia.)	11.7 x 3.63; 133.4 x 0.595
	Spring rate (lb. per in.)	250-435
	Rate at wheel (lb. per in.)	92
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; 0.8125

SUSPENSION – REAR

Type and description	Linked Salisbury axle fixed by control arms	
Drive and torque taken through	Control arms	
Spring	Type	Coil
	Material	Steel alloy
	Size (length x width, coil design height & I.D.; bar length & dia.)	14.7 x 5.50; 103.8 x 0.522
	Spring rate (lb. per in.)	100 - 200
	Rate at wheel (lb. per in.)	85
	Mounting insulation type	Natural rubber
	If leaf	No. of leaves Shackle (comp. or tens.)
Stabilizer	Type (link, linkless, frameless)	None
	Material & bar diameter	---
Track bar type	None	

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MODEL _____

FRAME _____

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

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

BODY - MISCELLANEOUS INFORMATION

4-Door Sedan	Sport Sedan	Sport Coupe	Convertible	Station Wagon	El Camino
--------------	-------------	-------------	-------------	---------------	-----------

Drs. hinged (front, rr.)	Front doors	Front			
	Rear doors	Front	---	Front	---

Type of finish (lacquer, enamel, other) Acrylic Lacquer

Hood counterbalanced (yes, no) Yes

Hood release control (internal, external) External

Vehicle Ident. No. location Top left of instrument panel pad

Engine No. location 6 Cyl. -on crankcase on RH side of engine, rear of distributor
V8-on top front of RH bank of cylinder and case

Theft protection - type Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition

Vent window control method (crank, friction pivot)	Front	Friction pivot (none on sport coupe & convertible)			
	Rear	None			

Seat cushion type	Front	Formed wire and foam pad			
	Rear	Formed wire and foam pad			
	3rd seat	Formed wire and foam pad			

Seat back type	Front	Formed wire and foam pad			
	Rear	Formed wire and foam pad			
	3rd seat	Formed wire and foam pad			

Windshield glass type (i.e., single curved - laminated plate) Curved - Laminated plate

Side glass type (i.e., curved - tempered plate) Curved - Tempered plate

Backlight glass type (i.e., compound curved - tempered plate, three piece) Tempered plate

					Curved	Flat
--	--	--	--	--	--------	------

Windshield glass exposed surface area	1249.6	1208.7	1211.8	1249.6	1208.7
---------------------------------------	--------	--------	--------	--------	--------

Side glass exposed surface area	1197.0	1349.4	1334.0	1260.4	2416.2	648.0
---------------------------------	--------	--------	--------	--------	--------	-------

Backlight glass exposed surface area	1032.2	1032.5	1059.4	539.7	757.0	695.6
--------------------------------------	--------	--------	--------	-------	-------	-------

Total glass exposed surface area	3472.8	3631.5	3602.1	3011.9	4422.8	2552.3
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MODEL _____

CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

Power windows	Side windows	NA
	Vent windows	NA
	Backlight or tailgate	Optional-2-seat wagon; standard-3-seat wagon
Power seats (specify type as well as availability)		NA
Reclining front seat back (R-L or both)		NA
Front seat head restrainer (R-L or both)		Standard
Radios (specify type as well as availability)		Optional-AM, AM/FM, AM/FM Stereo Radio (a), AM Radio w/Stereo Tape (a), AM/FM Stereo Radio w/Stereo Tape System(a)
Rear seat speaker		Optional (a)
Power antenna		NA
Clock		Optional
Air conditioner (specify type and availability)		Optional - 4-season (V8 Models only)
Speed warning device		NA
Speed control device		Opt. only with V8 models & automatic transmission
Ignition lock lamp		NA
Home lamp		Standard
Glove compartment lamp		Std. ;opt. on Chevelle Nomad & Greenbrier wagons & Std El Camino
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Std. on convertible - optional on other models
Map lamp		NA
Auto. trans. quad. lamp		Standard
Cornering light lamp		NA
Rear window defroster electrically heated		NA
Rear window defogger		Optional (a)
Power door lock system		Optional
Windshield antenna		Available with factory installed radio Also with tinted windshield glass.

MP HEIGHT AND SPACING			4-Door Sedans & Sport Sedans	Coupes & Convertibles	Station Wagons	Pick-Up
Height above ground to center of bulb - marker	Headlamp (H125)	Highest *	29.33	29.40	29.97	30.40
		Lowest	22.62	22.69	23.26	23.69
	Tail (H126)	Highest	23.16	23.07	26.85	24.53
		Lowest	18.10	18.01	21.79	19.47
Sidemarker	Front					
	Rear					
Distance from front of car to center of bulb	Headlamp	Inside				
		Outside *				
	Tail	Inside				
		Outside				
Directional	Front					
	Rear					

If single headlamps are used enter here.

) Not available on El Camino.

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VEHICLE WEIGHTS

Model with base L6-engine	CURB WEIGHT* (Pounds)			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT** (Pounds) TOTAL
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
CHEVELLE								
2-Door Sport Coupe	1764	1505	3269	46.6	53.4	20.0	80.0	3172
4-Door Sedan	1780	1521	3301	48.6	51.4	20.6	79.4	3204
MALIBU								
2-Door Sport Coupe	1777	1514	3291	46.6	53.4	20.0	80.0	3194
4-Door Sedan	1804	1533	3337	48.6	51.4	20.6	79.4	3240
NOMAD STATION WGN.								
4-Door, 2-Seat	1657	2040	3697	48.6	51.4	20.6	79.4	3605
EL CAMINO								
2-Door Sedan Pickup	1781	1529	3310	49.3	50.7	--	--	3213
Models with base V8 eng.								
CHEVELLE								
2-Door Sport Coupe	1872	1525	3397	46.6	53.4	20.0	80.0	3300
4-Door Sedan	1886	1543	3429	48.6	51.4	20.6	79.4	3332
MALIBU								
2-Door Sport Coupe	1890	1534	3424	46.6	53.4	20.0	80.0	3327
4-Door Sport Sedan	1920	1615	3535	48.6	51.4	20.6	79.4	3438
2-Door Convertible	1875	1601	3476	46.6	53.4	20.0	80.0	3379
4-Door Sedan	1904	1565	3469	48.6	51.4	20.6	79.4	3371
STATION WAGONS								
NOMAD								
4-Door 2-Seat	1773	2051	3824	48.6	51.4	20.6	79.4	3732
GREENBRIER								
4-Door 2-Seat	1810	2105	3906	48.6	51.4	20.6	79.4	3814
4-Door 3-Seat	1794	2168	3962	48.6	51.4	20.6	79.4	3870
CONCOURS								
4-Door 2-Seat	1784	2165	3949	48.6	51.4	20.6	79.4	3857
4-Door 3-Seat	1811	2190	4001	48.6	51.4	20.6	79.4	3909
CONCOURS ESTATE								
4-Door 2-Seat	1836	2145	3981	48.6	51.4	20.6	79.4	3887
4-Door 3-Seat	1823	2212	4035	48.6	51.4	20.6	79.4	3943
EL CAMINO								
2-Door Pickup Std.	1886	1552	3438	49.3	50.7	--	--	3341
2-Door Pickup Cust.	1893	1554	3447	49.3	50.7	--	--	3350

*Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

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

AMA Specifications Form—Passenger Car

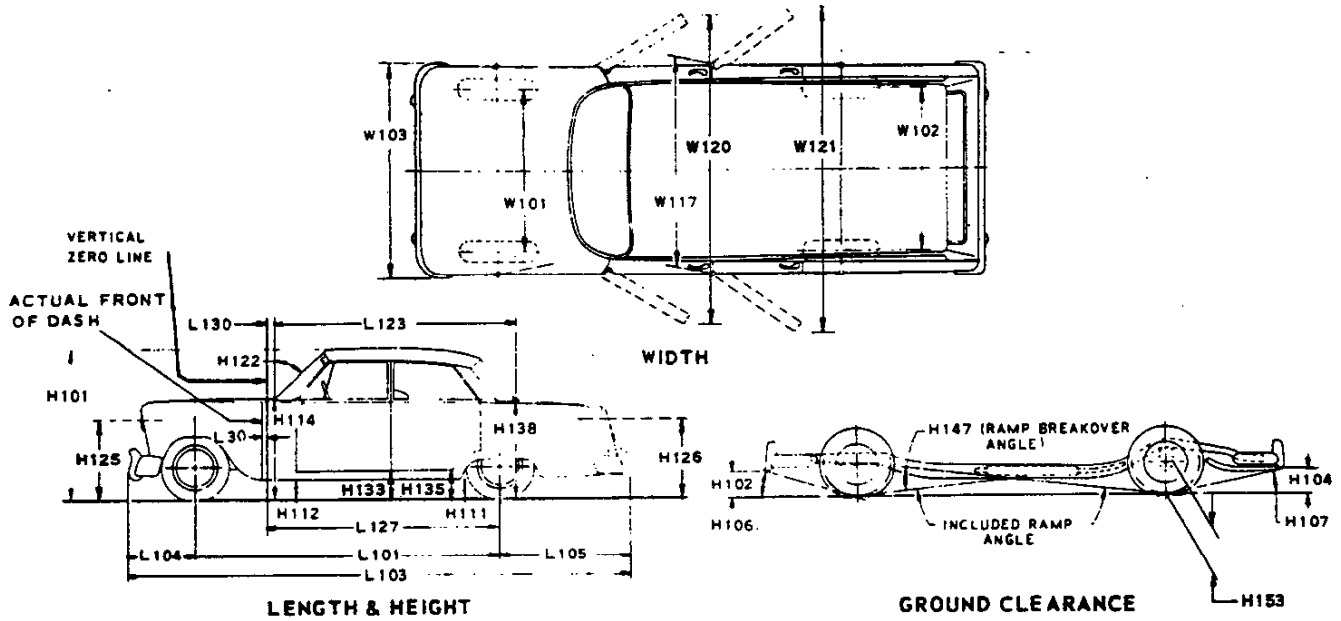
MAKE OF CAR CHEVELLE MODEL YEAR 1972 DATE ISSUED 9/71 REVISED (*)

OPTIONAL EQUIPMENT WEIGHTS

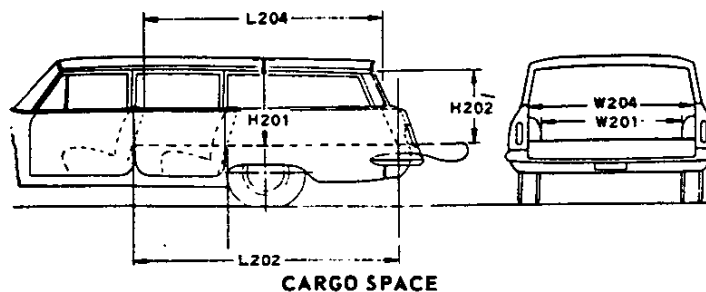
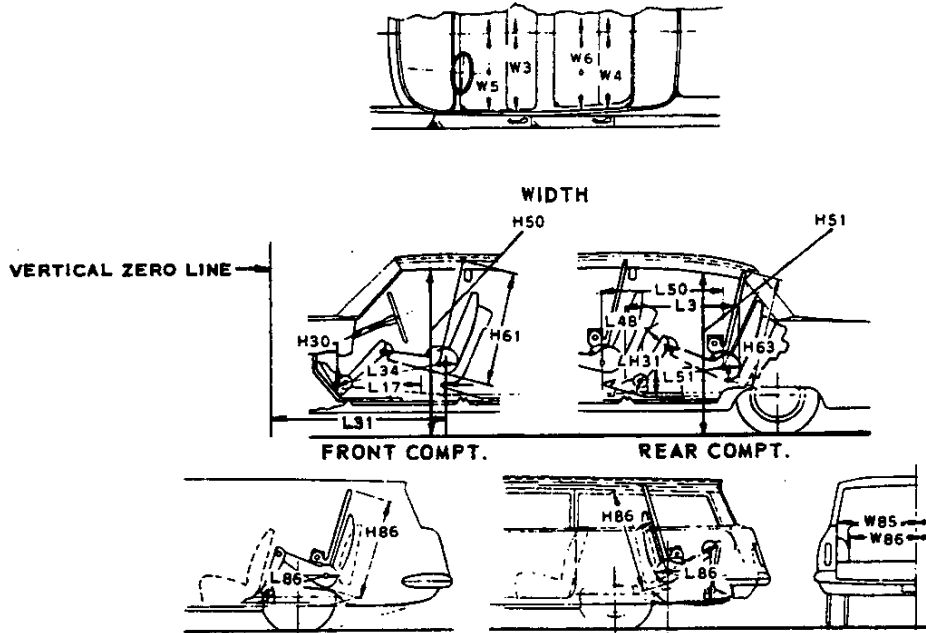
Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
Air Conditioning	+ 96	+ 6	+102	
Power Steering	+ 27	+ 1	+ 28	
Power Brakes	+ 12	+ 1	+ 13	Exc. 134-6-800 Station wagons.
Power Disc Brakes	+ 15	+ 1	+ 16	
Electronic Door Locks	+ 5	+ 3	+ 8	Used with 2-Door models
	+ 8	+ 9	+ 17	Used with 4-Door models
Radio AM Push button	+ 6	+ 2	+ 8	
Radio AM-FM Push button	+ 6	+ 3	+ 9	
Radio Stereo	+ 12	+ 3	+ 15	
Floor Console	+ 7	+ 2	+ 9	Used with 4-speed transmission
	+ 13	+ 4	+ 17	Used with automatic transmission
350 Cu. In. L65	+ 17	+ 3	+ 20	
350 Cu. In. L48	+ 23	+ 3	+ 26	
402 Cu. In. LS3	+201	+48	+249	All except Station wagons & El Camino
	+210	+43	+253	Station wagons
	+211	+50	+261	El Camino
454 Cu. In. LS5*	+207	+44	+251	SS Models
	+207	+49	+256	El Camino
4-Speed Transmission	+ 12	+ 5	+ 17	Used with V8-350 (L65 & L48)
	+ 3	+ 1	+ 4	Used with V8-402 (LS3)
	+ 3	+ 1	+ 4	Used with 454 V8 (LS5)
Turbo Hydra-matic trans.	+ 18	+ 4	+ 22	Used with V8-307 & L65
	+ -22	+ 4	+ 26	Used with V8-350 L48
	+ 36	+ 9	+ 45	Used with V8-402 (LS3)
	+ 41	+ 9	+ 50	Used with 454 V8 (LS5)
Powerglide transmission	- 3	- 2	- 5	Used with 6 cyl. engine
	- 2	- 1	- 3	Used with base 307 V8 engine
HD 3-spd man. trans.	+ 24	+ 6	+ 30	Used with 402 V8 (LS3) engine

* - Available as "SS" equipment only; engine weight only shown and does not include additional weight for body and chassis items.

CAR AND BODY DIMENSIONS KEY SHEET EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS



**EXTERIOR CAR AND BODY DIMENSIONS
KEY SHEET
DIMENSION DEFINITIONS**

WIDTH DIMENSIONS.

- W101 WHEEL TREAD - FRONT.** Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD - REAR.** Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH.** Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT #2 PILLAR.** Measured across body at #2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN** is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN** is measured in same manner as W120.

LENGTH DIMENSIONS.

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH.** If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (-) sign.
- L101 WHEELBASE.**
- L103 OVERALL LENGTH.** Include bumper guards if standard equipment.
- L104 OVERHANG - FRONT.** Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG - REAR.** Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE.** The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS.** A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT.** The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

HEIGHT DIMENSIONS

- H101 OVERALL HEIGHT - DESIGN.** Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND.** Measured at vehicle centerline.
- H138 DECK POINT TO GROUND.** Measured at vehicle centerline.
- H112 ROCKER PANEL TO GROUND - FRONT.** The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.

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

GROUND CLEARANCE DIMENSIONS

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

INTERIOR CAR AND BODY DIMENSIONS
KEY SHEET
DIMENSION DEFINITIONS

FRONT COMPARTMENT DIMENSIONS

- L31 H POINT TO VERTICAL ZERO LINE - FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM - FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L34 MAXIMUM EFFECTIVE LEG ROOM-ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM - FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
- W5 HIP ROOM - FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.
- H50 UPPER BODY OPENING TO GROUND - FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- REAR COMPARTMENT DIMENSIONS**
- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM - REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L51 MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.
- H31 H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM - REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.
- W6 HIP ROOM - REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.
- H51 UPPER BODY OPENING TO GROUND - REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

LUGGAGE COMPARTMENT DIMENSIONS

- V1 LUGGAGE CAPACITY - USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.
- STATION WAGON - THIRD SEAT DIMENSIONS**
- W85 SHOULDER ROOM - THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
- W86 HIP ROOM - THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.
- L86 EFFECTIVE LEG ROOM - THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM - THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

STATION WAGON - CARGO SPACE DIMENSIONS

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

W4xL204xH201
1728

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