



1966



CHEVROLET

CHEVELLE

AIR CONDITIONING AND EQUIPMENT

FOUR SEASON (RPO C60)

Heater integrated: manually controlled by knobs on instrument control panel, that operate bowden cables to activate various doors and switches to operate system.

BASIC COMPONENTS

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	
L6-194 & 230 Cu.In.	3.36:1
V8-283 & 327 Cu.In.	3.36:1
V8-396 Cu.In.	3.07:1

POWER TRAINS

Fan Blade	5 blade
Fan Clutch	Thermomodulated fluid coupling*
Crankshaft Pulley	Dual
Water Pump & Fan Pulley	Dual
Compressor & Crankshaft Belt	One*
Generator	61 Ampere
Radiator	Heavy duty
Radiator Shroud	Steel; 19.34 dia.*

* Additional equipment; also brackets, supports, braces, hoses, etc. as required for installation.

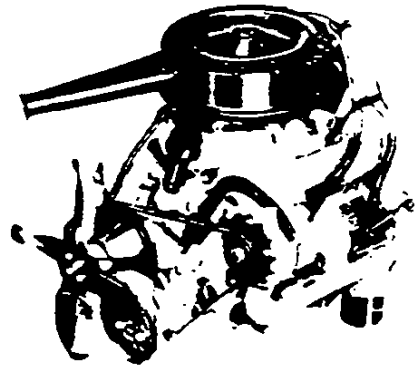
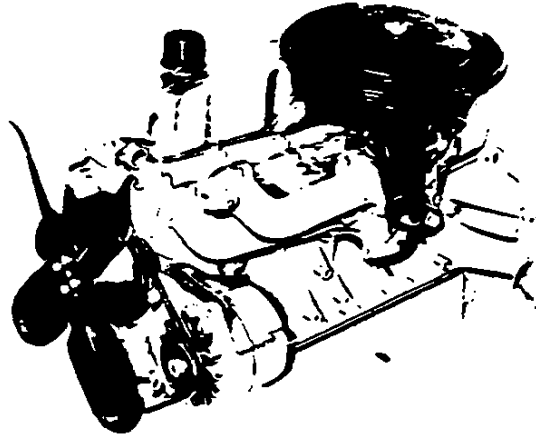


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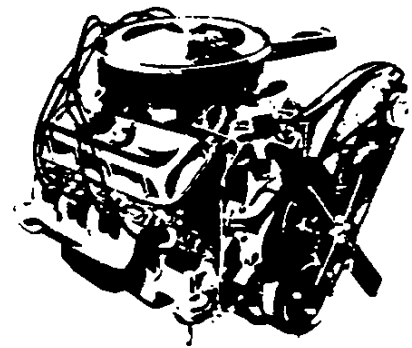
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POWER TRAINS



POWER TEAM COMBINATIONS	2
ENGINE DATA AND RATINGS	4
ENGINE SPEED AND PISTON TRAVEL	5
VEHICLE PERFORMANCE FACTORS	6
ENGINE OUTPUT CURVES	7
PRINCIPAL COMPONENTS	9
FUEL SYSTEM	15
EXHAUST AND VENTILATION SYSTEM	16
LUBRICATION SYSTEM	17
COOLING SYSTEM	18
ELECTRICAL SYSTEM	19
CLUTCHES	21
THREE AND FOUR SPEED TRANSMISSIONS	21
OVERDRIVE UNIT	22
POWERGLIDE	22



POWER TEAM COMBINATIONS

ENGINE	EQUIPMENT	TRANSMISSION	●AXLE RATIO**				
			General Purpose Standard	Special Purpose or Mountain	Performance Cruise	Performance	Air Conditioning**
194 CUBIC INCH L-6 HI-THRIFT 194 (A) 120 HP STANDARD	SINGLE BBL. CARBURETOR HYD. LIFTERS	SEDANS, COUPES AND CONVERTIBLES					
		3-SPEED	3.08:1	3.36:1		3.36:1	
		POWERGLIDE OVERDRIVE	3.08:1 3.70:1			3.36:1 3.70:1	
230 CUBIC INCH L-6 TURBO-THRIFT 230 (A) 140 HP RPO L26		STATION WAGONS AND SEDAN PICKUPS					
		3-SPEED & POWERGLIDE OVERDRIVE	3.36:1 3.70:1			3.36:1 3.70:1	
283 CUBIC INCH V-8 TURBO-FIRE 283(A) 195 HP STANDARD	2-BARREL CARBURETOR HYD. LIFTERS	ALL MODELS EXCEPT SEDAN PICKUPS					
		3-SPEED & 4-SPEED POWERGLIDE	3.08:1 3.08:1	3.36:1		3.36:1 3.36:1	
		OVERDRIVE	3.70:1			3.70:1	
283 CUBIC INCH V-8 TURBO-FIRE (A) 220 HP RPO L77	4-BARREL CARBURETOR HYD. LIFTERS	SEDAN PICKUPS					
		3-SPEED & 4-SPEED POWERGLIDE	3.08:1 3.08:1	3.70:1		3.36:1 3.36:1	
		OVERDRIVE	3.70:1			3.70:1	
327 CUBIC INCH V-8 TURBO-FIRE 327(A) 275 HP RPO L30	4-BARREL CARBURETOR HYD. LIFTERS	ALL MODELS EXCEPT SEDAN PICKUPS					
		3-SPEED					
		4-SPEED (2.54:1 low) POWERGLIDE	3.08:1			3.36:1	
396 CUBIC INCH V-8 TURBO-FIRE 396 325 HP STANDARD*	4-BARREL CARBURETOR HYD. LIFTERS	SEDAN PICKUPS ONLY					
		HEAVY DUTY 3-SPEED					
		4-SPEED (2.54:1 low) POWERGLIDE	3.31:1	3.55:1		3.73:1 4.10:1#	
396 CUBIC INCH V-8 TURBO-FIRE 396 360 HP RPO L34	4-BARREL CARBURETOR HYD. LIFTERS	SUPER SPORT AND SEDAN PICKUPS ONLY					
		HEAVY DUTY 3-SPEED					
		4-SPEED (2.52:1 low) POWERGLIDE (L34 only)	3.73:1		3.31:1 3.55:1	4.10:1# 4.10:1#	
●396 CUBIC INCH V-8 TURBO-FIRE 396 375 HP RPO L78	4-BBL. CARB. MECH. LIFTERS SPEC. CAMSHAFT	SEDAN PICKUPS ONLY					
		HEAVY DUTY 3-SPEED					
		4-SPEED (2.20:1 low)				4.56:1# 4.88:1#	

(A) Not available with Super Sport models.

* Optional on Sedan Pickup models (RPO L34).

** Posttraction axle ratios available in combinations shown.

Available as Posttraction only.

Refer to GENERAL section page 9 for additional information.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBU-RETION	TRANS-MISSION	TOTAL GEAR REDUCTION*					AXLE RATIO	MAXIMUM AXLE TORQUE LOW GEAR (LB-FT) [#]	
			1st	2nd	3rd	4th	Rev			
120 HP Hi-Thrift Six-Cyl	Single Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08	1157	
		Over- drive	Out	10.55	6.22	3.70		10.92	3.70	1389
			In	7.40	4.37	2.59		7.62	3.70	975
140 HP Turbo-Thrift Six-Cyl	Single Barrel	3-Speed	8.78	5.17	3.08		9.09	3.08	1530	
		Over- drive	Out	10.55	6.22	3.70		10.92	3.70	1838
			In	7.40	4.37	2.59		7.62	3.70	1289
195 HP Turbo-Fire V-8	2-Barrier	3-Speed	8.78	5.17	3.08		9.09	3.08	1828	
		Over- drive	Out	10.55	6.22	3.70		10.92	3.70	2196
			In	7.40	4.37	2.59		7.62	3.70	1541
		4-Speed	9.58	6.78	4.53	3.08	9.58	3.08	1995	
220 HP Turbo-Fire V-8	4-Barrier	3-Speed	8.78	5.17	3.08		9.09	3.08	1940	
		Over- drive	Out	10.55	6.22	3.70		10.92	3.70	2330
			In	7.40	4.37	2.59		7.62	3.70	1635
		4-Speed	9.58	6.78	4.53	3.08	9.58	3.08	2117	
275 HP Turbo-Fire V-8	4-Barrier	3-Speed	7.82	4.62	3.08		8.10	3.08	2061	
		4-Speed	7.82	5.54	4.07	3.08	7.82	3.08	2061	
325 HP Turbo-Jet V-8	4-Barrier	3-Speed	7.98	5.20	3.31		7.98	3.31	2441	
		4-Speed	8.34	6.22	4.83	3.31	8.57	3.31	2441	
360 & 375 HP Turbo-Jet V-8	4-Barrier	3-Speed	8.99	5.86	3.73		8.99	3.73		
		4-Speed (2.52:1)	9.40	7.01	5.45	3.73	9.40	3.73		
		4-Speed (2.20:1)	8.21	6.11	4.74	3.73	8.43	3.73		

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
120 HP Hi-Thrift Six-Cylinder	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
140 HP Turbo-Thrift Six-Cylinder	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
195 HP Turbo-Fire V-8	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
220 HP Turbo-Fire V-8	Powerglide	Drive	11.77:1 - 3.08:1	3.08:1
		Low & Reverse	11.77:1 - 5.61:1	
275 HP Turbo-Fire V-8	Powerglide	Drive	11.40:1 - 3.08:1	3.08:1
		Low & Reverse	11.40:1 - 5.42:1	
325 HP Turbo-Jet V-8	Powerglide	Drive	12.25:1 - 3.31:1	3.31:1
		Low & Reverse	12.25:1 - 5.83:1	
360 HP Turbo-Jet V-8	Powerglide	Drive	13.80:1 - 3.73:1	3.73:1
		Low & Reverse	13.80:1 - 6.56:1	

* - Axle ratio x transmission ratio.

- Gear reduction x maximum net engine torque x efficiency factor (0.90 in direct drive; .085 all others).

ENGINE DATA AND RATINGS

● GENERAL DATA

Engine Type	L-6 OHV			V-8 OHV				
Piston Displacement (Cu.In.)	194	230	283	327	396			
Availability	Base	RPO L26	Base	RPO L77	RPO L30	RPO L35	RPO L34 | RPO L78	
No. of Cylinders	Six			Eight				
Bore (nominal)	3.56	3.875	3.875	4.00	4.094			
Stroke (nominal)	3.25			3.00	3.25	3.76		
Compression Ratio	8.5:1			9.25:1	10.25:1	10.25:1	11.0:1	
Taxable (SAE) Horsepower	30.5	36.0	48.0	51.2	53.6			
Firing Order	1-5-3-6-2-4			1-8-4-3-6-5-7-2				
Idling Speed	Synchronesh (in neutral)			500			550	
	Powerglide (in drive)			500			550 | NA	
Comp. Press. (PSI) @ Cranking Speed, Engine Hot	140			150			160	
Power Plant Mountings	Front			Two, combination compression & shear type				
	Rear			One, shear type				
Measurements	Fan to rear of engine block			33.09	32.67	30.14	30.64	32.50
	Top of a/cinr to bottom of oil pan			26.55	26.67	29.57	29.96	29.73
	Width - including generator			28.37	28.92	28.92	30.71	

● ADVERTISED ENGINE RATING

Engine Designation	L6, 120 HP Hi-Thrift 194 Cu.In.	L6, 140 HP Turbo-Thrift 230 Cu.In.	V8, 195 HP Turbo-Fire 283 Cu.In.	V8, 220 HP Turbo-Fire 283 Cu.In.	V8, 275 HP Turbo-Fire 327 Cu.In.	V8, 325 HP Turbo-Jet 396 Cu.In.	V8, 360 HP Turbo-Jet 396 Cu.In.	V8, 375 HP Turbo-Jet 396 Cu.In.	
Availability	Base	RPO L26	Base	RPO L77	RPO L30	RPO L35	RPO L34	RPO L78	
Carburetor	Single Barrel	Single Barrel	Two Barrel	Four Barrel	Four Barrel	Four Barrel	Four Barrel	Four Barrel	
Brake HP @ RPM	Gross	120 @ 4400	140 @ 4400	195 @ 4800	220 @ 4800	275 @ 4800	325 @ 4800	360 @ 5200	375 @ 3600
	Net	95 @ 4000	120 @ 3600	150 @ 4400	185 @ 4400	210 @ 4400	270 @ 4800		
Torque @ RPM (lb-ft)	Gross	177 @ 2400	220 @ 1600	285 @ 2400	295 @ 3200	355 @ 3200	410 @ 3200	420 @ 3600	415 @ 3600
	Net	155 @ 2000	205 @ 1600	245 @ 2400	260 @ 2800	310 @ 2800	380 @ 3000		

ENGINE SPEED AND PISTON TRAVEL

194 and 230 CUBIC INCH SIX CYLINDER ENGINES

Transmission	3-Speed	3-Speed with Overdrive		Powerglide
		OD Locked Out	OD Locked In	
Rear Axle Ratio	3.08:1 (a)	3.70:1		3.08:1 (a)
Tire Size	6.95 x 14-4PR (b)			
Crankshaft Revolutions per Mile	2528.7	3037.7	2126.4	2528.7
Crankshaft RPM @ 1 MPH	Low	120.1	144.3	101.0
	Second	70.8	85.1	59.5
	Third	42.1	50.6	35.4
	Reverse	124.3	151.3	104.5
	Piston Travel (ft./mile)	1369.7	1645.4	1151.9	1369.7

(a) 3.36:1 on Station Wagons & Sedan Pickups.

(b) 7.75 x 14-4PR standard on Station Wagons, 7.35 x 14-4PR standard on Sedan Pickups and Convertibles.

283 CUBIC INCH V-8 ENGINE

Transmission	3-Speed	3-Speed with Overdrive		4-Speed	Powerglide	
		Locked Out	Locked In			
Rear Axle Ratio	3.08:1	3.70:1		3.08:1		
Tire Size	6.95 x 14-4PR (a)					
Crankshaft Revolutions per Mile	2528.7	3037.7	2126.4		2528.7	
Crankshaft RPM @ 1 MPH	Low	120.1	144.3	101.0	131.1	76.7
	Second	70.8	85.1	59.5	92.7	
	Third	42.1	50.6	35.4	61.9	42.1 (direct)
	Fourth				42.1	
	Reverse	124.3	151.3	104.5	131.1	76.7
Piston Travel (ft./mile)	1264.4	1518.9	1275.8		1264.4	

(a) 7.75 x 14-4PR standard on Station Wagons; 7.35 x 14-4PR standard on Sedan Pickups and Convertibles.

327 CUBIC INCH V-8 ENGINE

Transmission	3-Speed	4-Speed	Powerglide	
Rear Axle Ratio		3.08:1		
Tire Size	7.35 x 14-4PR			
Crankshaft Revolutions per Mile		2470.2		
Crankshaft RPM @ 1 MPH	Low	104.6	104.6	72.5
	Second	61.7	74.1	
	Third	41.2	54.3	
	Fourth		41.2	41.2 (direct)
	Reverse	108.3	104.6	72.5
Piston Travel (ft./mile)		1338.0		

(a) 7.75 x 14-4PR standard on Station Wagons.

396 CUBIC INCH V-8 ENGINE

Transmission	Standard*			RPO L34 & L78				
	H.D. 3-Spd	4-Speed	Powerglide	H.D. 3-Spd	4-Spd (2.52)	4-Spd (2.20)	Powerglide	
Rear Axle Ratio	3.31:1			3.73:1				
Tire Size	7.75 x 14-4PR							
Crankshaft Revolutions per Mile	2581.8			2900.4				
Crankshaft RPM @ 1 MPH	Low	103.7	108.4	75.7	116.9	122.2	106.7	85.5
	Second	67.6	80.0		76.1	91.2	79.5	
	Third	43.0	62.8		45.5	70.8	61.6	
	Fourth		43.0	43.0 (direct)		48.5	48.5	48.5 (direct)
	Reverse	103.7	111.4		116.9	125.6	109.6	85.5
Piston Travel (ft./mile)	1617.9			1823.2				

* Standard on SS 396. Optional on Sedan Pickups.

(a) Not available with RPO L78.

VEHICLE PERFORMANCE FACTORS

ENGINE	BASE 194 CU.IN. 120 HP	BASE 263 CU.IN. 195 HP	RPO L30 327 CU.IN. 275 HP	BASE 396 CU.IN. 325 HP	RPO L34 396 CU.IN. 360 HP	BASE 194 CU.IN. 120 HP	BASE 283 CU.IN. 195 HP
MODEL	13360	13460	13460	13817	13817	13360	13480

3-SPEED TRANSMISSION

Performance Weight (pounds)	3693	3850	3888	4145	4172	3377	3533
Pounds per Gross Horsepower	30.77	19.75	14.14	12.75	11.58	28.14	18.12
Pounds per Cu.In. Displacement	19.04	13.60	11.89	10.47	10.53	17.41	12.49
Gross HP per Cu.In. Displacement	.619	.680	.841	.820	.909	.619	.689
Power Displacement (cu.ft. mile)	141.95	207.06	232.96	295.83	333.37	151.26	202.27
Displacement Factor (cu.ft. ton mile)	76.85	107.57	119.84	142.91	139.47	89.61	114.54

3-SPEED TRANSMISSION WITH OVERDRIVE

Performance Weight (pounds)	3710	3876					
Pounds per Gross Horsepower	30.96	19.86					
Pounds per Cu.In. Displacement	19.17	13.70					
Gross HP per Cu.In. Displacement	.619	.680					
Power Displacement (cu.ft. mile)	Locked Out	170.52	248.75				
Displacement Factor (cu.ft. ton mile)	Locked In	119.36	174.12				
	Locked Out	91.23	128.31				
	Locked In	64.20	89.85				

4-SPEED TRANSMISSION

Performance Weight (pounds)		3830	3880	4152	4179		
Pounds per Gross Horsepower		19.69	14.11	12.77	11.61		
Pounds per Cu.In. Displacement		13.56	11.87	10.49	10.55		
Gross HP per Cu.In. Displacement		.680	.841	.820	.909		
Power Displacement (cu.ft. mile)		207.06	232.96	295.83	333.37		
Displacement Factor (cu.ft. ton mile)		107.57	120.08	142.50	139.27		

POWERGLIDE*

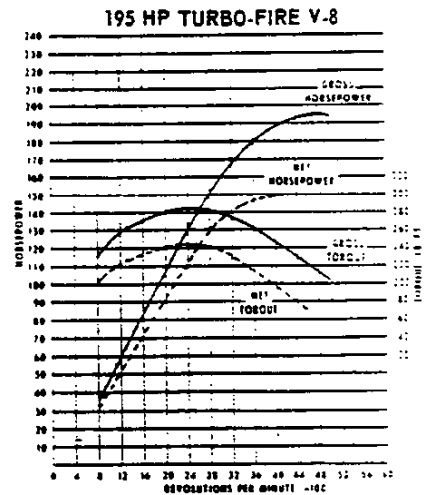
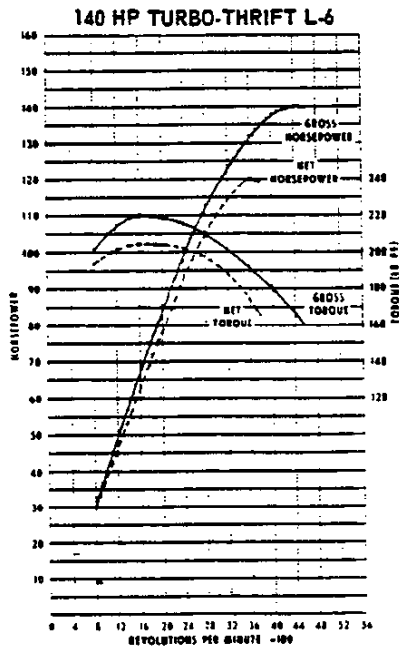
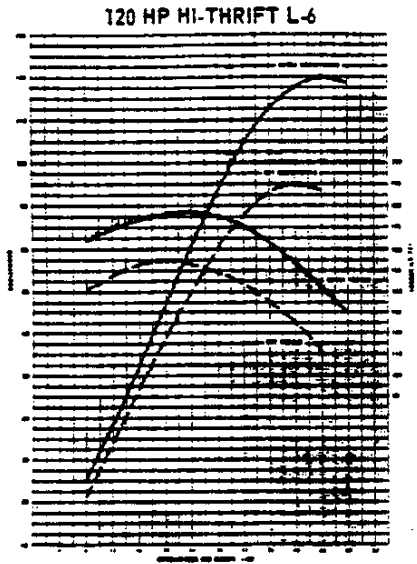
Performance Weight (pounds)	3706	3868	3915	4165	4192	3390	3551
Pounds per Gross Horsepower	30.83	19.84	14.24	12.81	11.64	28.25	18.21
Pounds per Cu.In. Displacement	19.10	13.67	11.97	10.52	10.58	17.47	12.54
Gross HP per Cu.In. Displacement	.619	.680	.841	.820	.909	.619	.689
Power Displacement (cu.ft. mile)	141.95	207.06	232.96	295.83	333.37	151.26	202.27
Displacement Factor (cu.ft. ton mile)	76.60	107.07	119.04	142.09	138.81	89.24	113.95

* Data computed assuming zero slippage in torque converter.

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

* - Models 13360 & 13480 two passengers, 300 lbs.

ENGINE OUTPUT CURVES



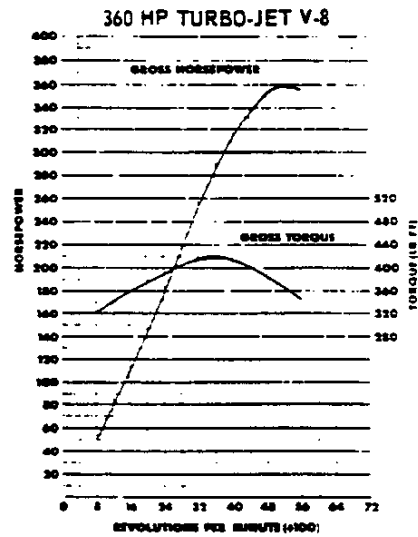
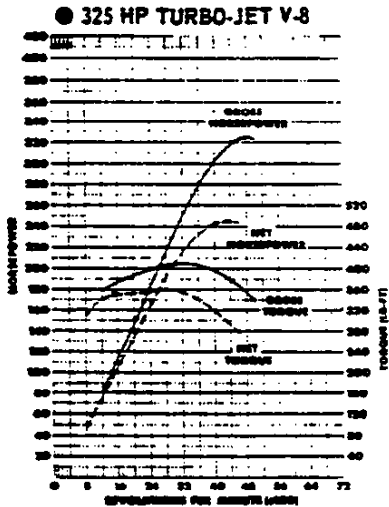
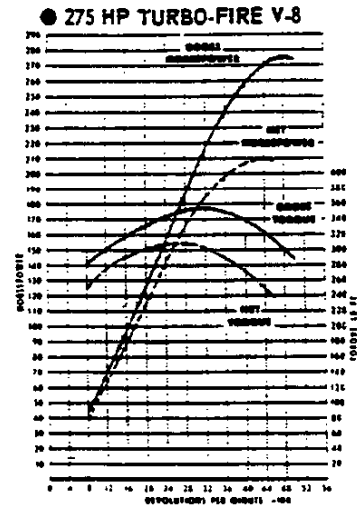
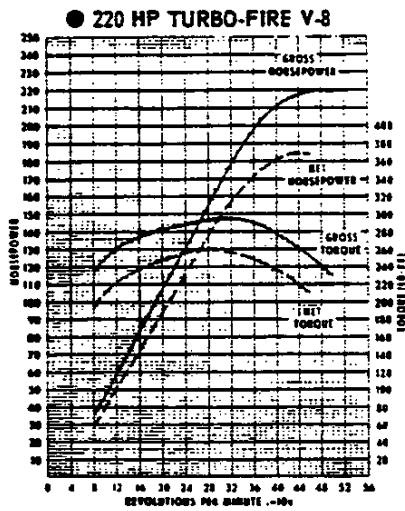
The engine output curves represent full throttle performance as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and standard temperature of 60 degrees F.

GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system,

no fan, generator not charging, optimum spark advance, and optimum fuel setting.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle, except the generator is not charging.

ENGINE OUTPUT CURVES—Cont'd.



The engine output curves represent full throttle performance as obtained from dynamometer test data corrected to standard barometric pressure 29.92 inches of mercury and standard temperature of 60 degrees F.

GROSS POWER and TORQUE were obtained in a regular dynamometer test with the dynamometer exhaust system,

no fan, generator not charging, optimum spark advance, and optimum fuel setting.

NET POWER and TORQUE were obtained from a dynamometer test simulating actual operating conditions when the engine is in its vehicle, except the generator is not charging.

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore Diameter	
L6-194 Cu.In.	3.5620-3.5650
L6-230 Cu.In.	3.8745-3.8775
V8-283 Cu.In.	3.8745-3.8775
V8-327 Cu.In.	3.9995-4.0025
No. of Bulkheads	
L6	7
V8	5
Water Jacket	Full length around each cylinder
Cylinder Numbering Arrangement	
L6	1-2-3-4-5-6
V8	Left bank 1-3-5-7 Right bank 2-4-6-8
Bore Spacing (Centerline to Centerline)	
L6-194 & 230 Cu.In.	4.4
V8-283 & 327 Cu.In.	4.4
V8-396 Cu.In.	4.84

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
L6-194 & 230 Cu.In.	10; .500 dia. 13 threads/in.
V8-283 & 327 Cu.In.	34; .4375 dia. 14 threads/in.
V8-396 Cu.In.	32; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)	
L6-194 Cu.In.	4.47 Cu.In.
L6-230 Cu.In.	5.37 Cu.In.
V8-283 Cu.In.	4.39 Cu.In.
V8-327 Cu.In.	4.49 Cu.In.
V8-396 Cu.In. (RPO L35)	5.46 Cu.In.
V8-396 Cu.In. (RPO L34)	5.46 Cu.In.
V8-396 Cu.In. (RPO L78)	5.06 Cu.In.

INLET MANIFOLD

Material	Cast alloy iron
Type	
L6-194 & 230 Cu.In.	3 port, rectangular section
V8-283, 327 & 396 Cu.In.	8 port, double deck
Heat Provision	Exhaust gas crossover at carburetor mounting pad

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
L6-194 & 230 Cu.In.	4 port, center downtake
V8-283 & 327 Cu.In.	Dual, 4 port, rear downtake
V8-396 Cu.In.	Tuned, dual, 4 port, rear downtake
Outlet Diameter	2.0 (V8-396) 2.5

CRANKSHAFT

Material	
L6-194 & 230 Cu.In.	Cast nodular iron
V8-283 Cu.In.	Cast nodular iron or forged steel
V8-327 & 396 Cu.In.	Forged steel
End Play	
L6-194 & 230 Cu.In. ....	.002-.006
V8-283 & 327 Cu.In. ....	.002-.006
V8-396 Cu.In. ....	.006-.010
Counter Weights	
L6	4
V8	6
Crank Arm Length	
L6	1.625
V8-283 Cu.In.	1.50
V8-327 Cu.In.	1.625
V8-396 Cu.In.	1.88
Torsional Damper	
L6	Rubber mounted inertia
V8-283 Cu.In.	None
V8-327 & 396 Cu.In.	Rubber mounted inertia
Timing Gear	
L6	Steel; helical cut
V8	Steel; sprocket & chain
Pulley Pitch Diameter	6.64

MAIN BEARINGS

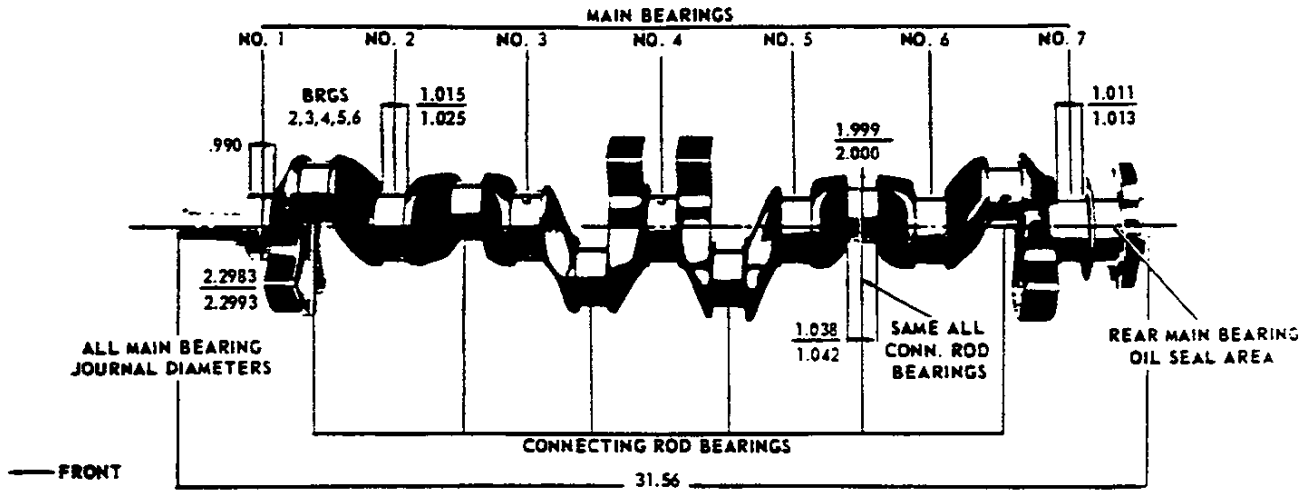
Material	
L6 & V8-283	Copper lead alloy or sintered copper nickel backed babbit
V8-327	Premium aluminum except No. 5 upper sintered copper nickel backed babbit
V8-396	Premium aluminum except No. 5 sintered copper nickel backed babbit
Type	Precision removable
Thrust Against Bearing No.	L6-No. 7; V8-No. 5
Clearance	
L6 .....	.0003-.0029
V8-283	(#1-4) .0003-.0029; (#5) .0008-.0034
V8-327	(#1-4) .0008-.0034; (#5) .0010-.0036
V8-396	(#1-4) .0006-.0022; (#5) .0013-.0029

Dimensions	Theoretical	Effective	Projected
	Inner Dia.	Length	Area
L6-194 & 230 Cu.In.			
Bearing #1-6	2.3004	.752	1.7299
Bearing #7	2.3004	.760	1.7483
V8-283 Cu.In.			
Bearing #1	2.3008	.752	1.7302
Bearing #2-4	2.3004	.752	1.7299
Bearing #5	2.3004	1.177	2.7076
V8-327 Cu.In.			
Bearing #1	2.3013	.752	1.7306
Bearing #2-4	2.3009	.752	1.7303
Bearing #5	2.3006	1.1824	2.7202
V8-396 Cu.In.			
Bearing #1-2	2.7507	.992	2.7287
Bearing #3-4	2.7501	.992	2.7251
Bearing #5	2.7504	1.2525	3.4449

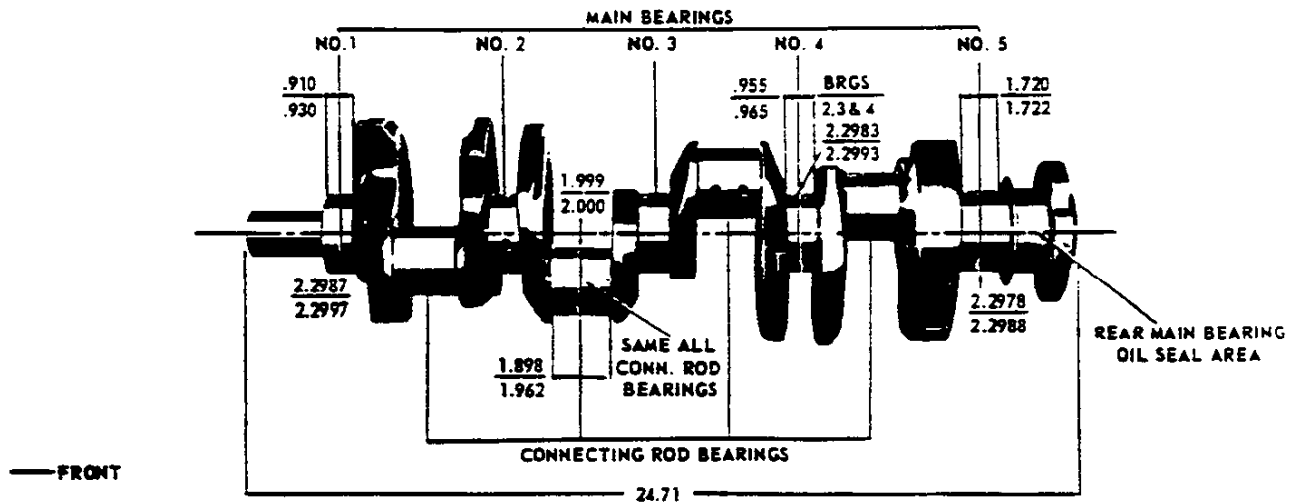
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

194 and 230 CUBIC INCH SIX CYLINDER ENGINES



283 and 327 CUBIC INCH V-8 ENGINES



CAMSHAFT

Material	Cast alloy iron
Drive	
L6	Gear; bakelite and fabric composition
V8	Sprocket & chain; steel
Lobe Lift	
L6-194 & 230 Cu.In.	.1896 Inlet & Exhaust
V8-283 & 327 Cu.In.	.2658 Inlet & Exhaust
V8-396 Cu.In.	.2343 Inlet & Exhaust
V8-396 Cu.In. (RPO L34)	.2714 Inlet; 2824 Exhaust
●V8-396 Cu.In. (RPO L78)	.3057 Inlet & Exhaust

VALVE TRAIN

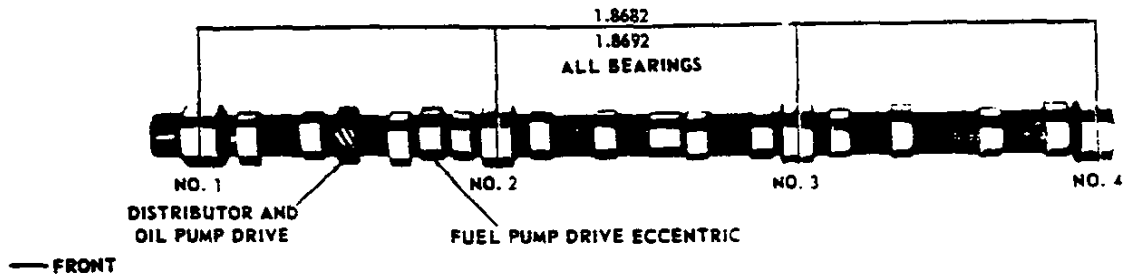
Type	Individually mounted, overhead rocker arms, push rod actuated
●Lifters	Hydraulic; L78 - Mechanical
Rocker Arms	Stamped steel
Ratio	
L6-194 & 230 Cu.In.	1.75:1
V8-283 & 327 Cu.In.	1.50:1
V8-396 Cu.In.	1.70:1
Push Rods	
Type	Hollow steel
Ends	
L6, V8-283 & 327 Cu.In.	Hardened
V8-396 Cu.In.	Carburized steel inserts

●VALVE SPRINGS

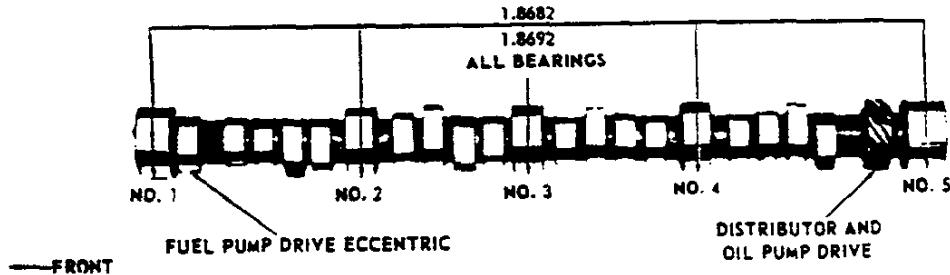
Diameter	
L6-194 & 230 Cu.In.	.872-.888
V8-283 & 327 Cu.In.	.872-.888
V8-396 Cu.In.	1.082-1.098
Installed Length (in. @ 1b.)	
Valves closed	
L6-194 & 230 Cu.In.	1.66 @ 56-64
V8-283 & 327 Cu.In.	1.66 @ 78-86
V8-396 Cu.In.	1.88 @ 84-96
V8-396 Cu.In. (RPO L34 & L78)	1.88 @ 94-106
Valves opened	
L6-194 & 230 Cu.In.	1.33 @ 170-184
V8-283 & 327 Cu.In.	1.26 @ 170-180
V8-396 Cu.In.	1.46 @ 210-230
V8-396 Cu.In. (RPO L34 & L78)	1.38 @ 303-327
Free Length	
L6-194 & 230 Cu.In.	1.92
V8-283 & 327 Cu.In.	2.08
V8-396 Cu.In.	2.11
V8-396 Cu.In. (RPO L34 & L78)	2.09
Valve Spring Damper	
L6-194 & 230 Cu.In.	None
V8-283 & 327 Cu.In.	Flat steel, 4 coils
V8-396	Flat steel, 3.62 coils
Oil Shield	Steel cup

CAMSHAFT AND BEARINGS

194 and 230 CUBIC INCH SIX CYLINDER ENGINES



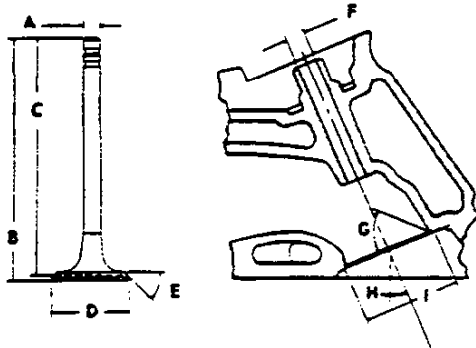
283 and 327 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS—Cont'd.

INLET VALVES

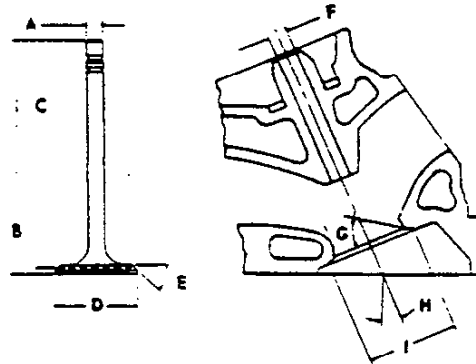
Material	Alloy steel
Coating	
L6, V8-283 & 327 Cu.in.	None
V8-396 Cu.in.	Face and head aluminized
Valve Guide inserts (V8-396)	Cast alloy iron



A - Stem Diameter	
L6 .....	.3410-.3417
V8-283 & 327 Cu.in. ....	.3410-.3417
V8-396 Cu.in. ....	.3715-.3722
B - Overall Length	
L6 & V8-283 Cu.in.	4.902-4.922
V8-327 Cu.in.	4.870-4.889
V8-396 Cu.in. (Base & RPO L34)	5.215-5.235
●V8-396 Cu.in. (RPO L78)	5.204-5.224
C - Gage Length	
L6, V8-283 & 327 Cu.in.	4.785-4.795
V8-396 Cu.in.	5.115-5.125
D - Overall Head Diameter	
L6 & V8-283 Cu.in.	1.715-1.725
V8-327 Cu.in.	1.935-1.945
V8-396 Cu.in. (Base & RPO L34)	2.060-2.070
●V8-396 Cu.in. (RPO L78)	2.185-2.195
E - Angle of Face	45°
F - Guide Diameter	
L6 .....	.3427-.3437
V8-283 & 327 Cu.in. ....	.3427-.3437
V8-396 Cu.in. ....	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6	9°
V8-283 & 327 Cu.in.	23°
V8-396 Cu.in.	4°
I - Valve Seat (Cutter) Diameter	
L6 & V8-283 Cu.in.	1.770-1.790
V8-327 Cu.in.	1.990-2.010
V8-396 Cu.in.	2.580

EXHAUST VALVES

Material	High alloy steel
Coating	
L6	None
V8-283 & 327 Cu.in.	Aluminized face
V8-396 Cu.in.	Face and head aluminized
Valve Guide inserts (V8-396)	Cast alloy iron



A - Stem Diameter	
L6 .....	.3410-.3417
V8-283 & 327 Cu.in. ....	.3410-.3417
V8-396 Cu.in. ....	.3713-.3720
B - Overall Length	
L6	4.913-4.933
V8-283 & 327 Cu.in.	4.913-4.933
V8-396 Cu.in.	5.345-5.365
C - Gage Length	
L6	4.781-4.791
V8-283 & 327 Cu.in.	4.781-4.791
V8-396 Cu.in.	5.235-5.245
D - Overall Head Diameter	
L6	1.495-1.505
V8-283 & 327 Cu.in.	1.495-1.505
V8-396 Cu.in.	1.715-1.725
E - Angle of Face	45°
F - Guide Diameter	
L6 .....	.3427-.3437
V8-283 & 327 Cu.in. ....	.3427-.3437
V8-396 Cu.in. ....	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6	9°
V8-283 & 327 Cu.in.	23°
V8-396 Cu.in.	4°
I - Valve Seat (Cutter) Diameter	
L6	1.550-1.570
V8-283 & 327 Cu.in.	1.550-1.570
V8-396 Cu.in.	2.120

VALVE LIFT

L6-194 & 230 Cu.In. ....	.3318 Inlet & Exhaust
V8-283 & 327 Cu.In. ....	.3987 Inlet & Exhaust
V8-396 Cu.In. ....	.3983 Inlet & Exhaust
V8-396 Cu.In. (RPO L34) ....	.4614 Inlet; .4800 Exhaust
V8-396 Cu.In. (RPO L78) ....	.5197 Inlet & Exhaust

VALVE TIMING (Crankshaft degrees)

L6-194 & 230 Cu.In.	Excluding Ramps	Including Ramps
Inlet Valve (Zero lash)		
Opens - BTC	16°	62°
Closes - ABC	48°	94°
Duration	244°	336°
Exhaust Valve (Zero lash)		
Opens - BBC	46° 30'	92° 30'
Closes - ATC	17° 30'	63° 30'
Duration	244°	336°

V8-283 & 327 Cu.In.	Excluding Ramps	Including Ramps
Inlet Valve (Zero lash)		
Opens - BTC	12° 30'	32° 30'
Closes - ABC	57° 30'	87° 30'
Duration	250°	300°
Exhaust Valve (Zero lash)		
Opens - BBC	54° 30'	74° 30'
Closes - ATC	15° 30'	45° 30'
Duration	250°	300°

V8-396 Cu.In.	Excluding Ramps	Including Ramps
Inlet Valve (Zero lash)		
Opens - BTC	28°	40°
Closes - ABC	78°	102°
Duration	286°	322°
Exhaust Valve (Zero lash)		
Opens - BBC	75°	87°
Closes - ATC	31°	55°
Duration	286°	322°

V8-396 Cu.In. - RPO L34	Excluding Ramps	Including Ramps
Inlet Valve (Zero lash)		
Opens - BTC	40°	56°
Closes - ABC	80°	114°
Duration	300°	350°
Exhaust Valve (Zero lash)		
Opens - BBC	88°	110°
Closes - ATC	32°	62°
Duration	300°	352°

V8-396 Cu.In. - RPO L78	Including Ramps
Inlet Valve (opens with .024 lash)	
Opens - BTC	54°
Closes - ABC	102°
Duration	336°
Exhaust Valve (closes with .028 lash)	
Opens - BBC	102°
Closes - ATC	54°
Duration	336°

PISTONS

Material

L6-194 & 230 Cu.In.	Cast aluminum alloy
V8-283 & 327 Cu.In.	Cast aluminum alloy
V8-396 Cu.In. (Base & RPQ L34) ..	Cast aluminum alloy
V8-396 Cu.In. (RPO L78)	Alum. impact extruded

Head Type

L6, V8-283 & 327 Cu.In.	Flat, notched
V8-396 Cu.In.	Domed head, valve cutout

Skirt Type ----- Slipper

Top Land Clearance

L6-194 Cu.In. ....	.0330-.0440
L6-230 Cu.In. ....	.0345-.0435
V8-283 Cu.In. ....	.0345-.0435
V8-327 Cu.In. ....	.0365-.0455
V8-396 Cu.In. (Base & RPO L34) ..	.0305-.0375
V8-396 Cu.In. (RPO L78) ....	.0265-.0335

Skirt Clearance

L6, V8-283 & 327 Cu.In. ....	.0005-.0011
V8-396 Cu.In. (Base & RPO L34) ..	.0007-.0013
V8-396 Cu.In. (RPO L78) ....	.0036-.0042

Compression Ring Groove Depth

L6-194 Cu.In. ....	.1960-.2025
L6-230 Cu.In. ....	.2153-.2218
V8-283 Cu.In. ....	.2153-.2218
V8-327 Cu.In. ....	.2217-.2283
V8-396 Cu.In. (Base & RPO L34) ..	.2253-.2318
V8-396 Cu.In. (RPO L78) ....	.2253-.2318

Oil Ring Groove Depth

L6-194 Cu.In. ....	.1985-.2050
L6-230 Cu.In. ....	.2093-.2158
V8-283 Cu.In. ....	.2093-.2158
V8-327 Cu.In. ....	.2038-.2103
V8-396 Cu.In. (Base & RPO L34) ..	.2098-.2168
V8-396 Cu.In. (RPO L78) ....	.2113-.2127

Pin Bore Offset ----- .055-.065
RPO L78 - On center

Compression Height

L6-194 & 230 Cu.In.	1.799-1.801
V8-283 Cu.In.	1.799-1.801
V8-327 Cu.In.	1.674-1.676
V8-396 Cu.In. (Base & RPO L34) ..	1.953-1.957
V8-396 Cu.In. (RPO L78)	1.768-1.772

PISTON PINS

Material ----- Chromium steel

Length

L6, V8-283 & 327 Cu.In.	2.990-3.010
V8-396 Cu.In.	2.930-2.950

Diameter

L6, V8-283 & 327 Cu.In. ....	.9270-.9273
V8-396 Cu.In. ....	.9895-.9898

Clearance in Piston

L6, V8-283 & 327 Cu.In. ....	.00015-.00025
V8-396 Cu.In. (Base & RPO L34) ..	.00025-.00035
V8-396 Cu.In. (RPO L78) ....	.00030-.00040

Pin Mounting ----- Locked in rod by shrink fit

PRINCIPAL COMPONENTS—Cont'd.

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Type	Inside bevel (bottom of ring 30 degrees to piston vertical axis) No inside bevel on V8-396
Face	
L6, V8-283 & 327 Cu.In.	Tapered
V8-396 Cu.In.	Barrel
Coating	Chrome plate face V8-396 Molybdenum inlay
Width	
L6-194 & 230 Cu.In.	.0775-.0780
V8-283 & 327 Cu.In.	.0775-.0780
V8-396 Cu.In.	.0770-.0775
Wall Thickness	
L6-194 Cu.In.	.168-.178
L6-230 Cu.In. & V8-283 Cu.In.	.179-.194
V8-327 Cu.In.	.190-.200
V8-396 Cu.In.	.194-.204
Gap	
L6 & V8-283 Cu.In.	.010-.020
V8-327 Cu.In.	.013-.023
V8-396 Cu.In.	.010-.020

●COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	inside bevel (top of ring 30 degrees to piston vertical axis for L6 & V8-283; 50 degrees for V8-327 & 396
Face	Tapered
Coating	Wear resistant
Width	V8-396 L34 & L78 - Chrome plated
L6 & V8-283 Cu.In.	.0770-.0780
V8-327 & 396 Cu.In.	.0770-.0775
Wall Thickness	
L6-194 Cu.In.	.168-.178
L6-230 Cu.In. & V8-283 Cu.In.	.184-.194
V8-327 Cu.In.	.164-.170
V8-396 Cu.In.	.194-.204
Gap	
L6 & V8-283 Cu.In.	.010-.020
V8-327 Cu.In.	.013-.025
V8-396 Cu.In.	.010-.020
Expander (used with V8-327 only)	
Material	Steel
Width	.068-.074
Wall Thickness	.0180

OIL CONTROL RINGS

Type	Multi-piece (Two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
L6-194 & 230 Cu.In.	.1840-.1880
V8-283 & 327 Cu.In.	.1840-.1880
V8-396 Cu.In.	.1830-.1880
Wall Thickness	
L6-194 & 230 Cu.In.	.150-.156
V8-283 & 327 Cu.In.	.150-.156
V8-396 Cu.In.	.137-.143
Gap	
L6-194 & 230 Cu.In.	.015-.055
V8-283 & 327 Cu.In.	.015-.055
V8-396 Cu.In.	.010-.030
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel RPO L78 V8-396 Cu.In. - High alloy steel
Length (center to center)	
L6-194 & 230 Cu.In.	5.699-5.701
V8-283 & 327 Cu.In.	5.699-5.701
V8-396 Cu.In.	6.134-6.136

CONNECTING ROD BEARINGS

Material	
L6 & V8-283 Cu.In.	Copper lead alloy or sintered copper nickel backed babbit on steel
V8-327 Cu.In.	Premium aluminum
V8-396 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-194 & 230 Cu.In.	.0007-.0027
V8-283 Cu.In.	.0007-.0027
V8-327 Cu.In.	.0007-.0028
V8-396 Cu.In.	.0009-.0025
Theoretical I.D.	
L6-194 & 230 Cu.In.	2.0016
V8-283 Cu.In.	2.0016
V8-327 Cu.In.	2.0017
V8-396 Cu.In.	2.2012
Effective Length	
L6-194 & 230 Cu.In.	.807
V8-283 & 327 Cu.In.	.807
V8-396 Cu.In.	.857
End Play	
L6-194 & 230 Cu.In.	.009-.013
V8-283 & 327 Cu.In.	.009-.013
V8-396 Cu.In.	.016-.020

FUEL SYSTEM

FUEL TANK

Capacity (Gall) ----- 20 (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
 L6, V8-283, V8-327 & 396 ----- Sintered bronze
 filter in carburetor inlet

FUEL PUMP ASSEMBLY

Type ----- Mechanical; diaphragm
 Drive ----- Camshaft, eccentric
 Location ----- Right side front of engine
 Pressure Range (at Carburetor)
 L6 ----- 4.50-6.00 PSI
 V8-283 & 327 Cu.In. ----- 5.25-6.50 PSI
 V8-396 Cu.In. ----- 5.00-6.50 PSI

AIR CLEANER

L6-194 & 230 Cu.In. ----- Cylindrical, single air horn
 V8-283 & 327 Cu.In. ----- Cylindrical, single air horn
 V8-396 Cu.In. ----- Cylindrical, single air horn
 V8-396 (RPO L34 & L78) ----- Cylindrical, full circle
 intake chrome plated

Diameter

L6-194 & 230 Cu.In. ----- 13.00
 V8-283 & 327 Cu.In. ----- 15.20
 V8-396 Cu.In. ----- 16.78
 V8-396 (RPO L34 & L78) ----- 14.16

Filter Element

L6-194 & 230 Cu.In. ----- Oil-wetted polyurethane
 V8-283, 327 & 396 Cu.In. ----- Oil-wetted paper

CARBURETORS

Make and Type

L6 ----- Rochester, single barrel, downdraft
 V8-283 ----- Rochester, 2-barrel, downdraft
 V8-283 (RPO L77) ----- Rochester 4-barrel, downdraft
 V8-327 ----- Carter or Holley, 4-bbl. downdraft
 V8-396 ----- Holley, 4-barrel, downdraft

SAE Flange Type

L6 ----- 1.50
 V8-283 Cu.In. ----- 1.25
 V8-327 Cu.In. ----- 1.50
 V8-396 Cu.In. ----- 1.50

Throttle Bore

L6-194 & 230 Cu.In. ----- 1.56
 V8-283 Cu.In. ----- 1.44
 V8-283 (RPO L77) ----- Primary & Secondary 1.44
 V8-327 Cu.In.

Holley, Primary & Secondary ----- 1.561

Carter, Primary ----- 1.561

Secondary ----- 1.561

V8-396 Cu.In. ----- Primary & Secondary 1.562

Secondary Throttle Actuation (4-bbl carb) ----- By
 linkage approximately when primary valves
 are opened halfway between closed and open

Venturi Diameter

L6 ----- 1.34

V8-283 Cu.In. ----- 1.09

V8-283 (RPO L77) Primary & Secondary ----- 1.125

V8-327 Cu.In.

Holley, Primary ----- 1.188

Secondary ----- 1.313

Carter, Primary ----- 1.25

Secondary ----- Air valve

V8-396 Cu.In.

Primary ----- 1.25

Secondary ----- 1.313

CHOKE

Type ----- Automatic

EXHAUST AND VENTILATION SYSTEM

●TYPE

L6	Single
V8-283 & 327	Single with crossover pipes
V8-283 (RPO L77)	Dual
V8-396	Dual

●MUFFLERS

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

Head

L6 & V8-283	.048 sheet steel, aluminized
V8-327	.056 sheet steel, aluminized
V8-283 (RPO L77) & V8-396	
Left hand	.059 sheet steel, aluminized
Right hand	.060 stainless steel

Shell

L6	.036 sheet steel, aluminized
V8-283	.036 sheet steel, aluminized
V8-327	.036 sheet steel, aluminized
V8-283 (RPO L77) & V8-396	
Left hand	.036 sheet steel, aluminized
Right hand	.036 stainless steel

Wrap ----- .030 indented asbestos sheet

Cover ----- .018 sheet steel, aluminized

Baffles

L6 & V8-283	4; .036 sheet steel, aluminized
V8-327	4; .036 sheet steel, aluminized
V8-283 (RPO L77) & V8-396	
Left hand	4; .036 sheet steel, aluminized
Right hand	4; .036 stainless steel

Length, Body

L6	17.00
V8	21.25
Width (I.D.)	9.25
Height (I.D.)	5.00

EXHAUST CROSSOVER PIPE (V8-283 & 327)

Dimensions (O.D.)	2.00
Wall Thickness	.084-.104 laminated

●EXHAUST PIPE

Dimensions (O.D.)	
L6 & V8-283	2.00
V8-283 (RPO L77) 327 & 396	2.50
Wall Thickness	
L6	.057-.071
V8	.073-.091 laminated

RESONATORS (Used with 283-RPO L77 and 327 engines only, not used on station wagons except with 327-RPO L30 engine).

Type	Straight through
Cover	.036 stainless steel
Heads	.048 stainless steel

TAIL PIPES

Dimensions (O.D.)

L6 & V8-283	1.875
V8-283 (RPO L77) & V8-327 & 396	2.00
Wall Thickness	.062-.076

ENGINE VENTILATION

L6, V8-283, 327 & 396	Positive-type
Fresh air metered into the engine through the oil filler cap. Unburned fumes drawn into the induction system, controlled by a regulating valve, and burned in the combustion chamber and expelled through the exhaust system.	
V8-396 (RPO L34 & L78)	Closed-Positive type
Fumes drawn into induction system from crankcase via hose connected to left side rocker cover and base of carburetor and metering orifice at base of carburetor. Fresh air is picked up from carburetor air cleaner and ducted to right side rocker cover.	

●AIR INJECTION REACTOR

(California vehicles only)

Injection System:

Point of Entry	Exhaust Ports
Check Valve	Pressure (plate type)
Back Fire Protection	Vacuum actuated anti-backfire valve

Air Injection Pump

Type	Semi-articulated vane type
Drive	Crankshaft Pulley
Drive Ratio	1.25:1
Relief Valve	Pressure (plate type)

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	Oil wetted crimped aluminum breather
Location	
L6	Forward end of rocker cover
V8-283 & 327	Left front of intake manifold
V8-396	Top center of right rocker cover

CRANKCASE CAPACITIES (Quarts)

Refill	
L6	4
V8	4
Refill with Filter Change	
L6	5
V8	5

LUBRICANT GRADES AND TEMPERATURES

32 F and Above	SAE20W, SAE20 or SAE10W-30
0 F and Above	SAE10W or SAE10W-30
Below 0 F	SAE5W or SAE5W-20
Alternate	SAE5W-30 can be used for 5W; 5W-20 or 10W-30

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
● Oil Pressure	
L6, V8-283 & 327	30-45 PSI @ 1500 RPM
V8-396	50-75 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6	4.3 @ 2000
V8	4.3 @ 2000

OIL FILTER

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

OIL PAN DRAIN PLUG

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

OIL DIPSTICK - LOCATION

L6	Right side front of engine block
V8-283 & 327	Left side, rear of engine block
V8-396	Right side, center direct to oil pan

COOLING SYSTEM

GENERAL

Type	Liquid, pressurized
Capacity with Heater (Standard Equipment)	
L6-194 Cu.In.	12 qts
L6-230 Cu.In.	12 qts
V8-283 Cu.In.	16 qts
V8-327 Cu.In.	15 qts
V8-396 Cu.In.	23 qts

RADIATOR

Make and Type	Harrison, tube and center
Core constant and thickness	
Distance between fins	
L6-194 Cu.In. ....	.28 Syn. & P/Gld
L6-230 Cu.In. ....	.28 Syn. & P/Gld
V8-283 Cu.In. ....	.20 Syn., .18 P/Gld
V8-327 Cu.In. ....	.16 Syn. & P/Gld
V8-396 Cu.In. ....	.16 Syn. & P/Gld
Distance between tubes	.55
Thickness of core	
L6-194 & 230; V8-283 & 327 Cu.In.	1.26
V8-396 Cu.In.	1.98
Frontal Area (Sq. In.)	
L6-194 Cu.In.	323
L6-230 Cu.In.	323
V8-283 & 327 Cu.In.	357
V8-396 Cu.In.	391

RADIATOR HEAVY DUTY (RPO V01)

Core constant and thickness	
Distance between fins	.16 Syn. & P/Gld
Distance between tubes	.55
Thickness of core	
L6-194 & 230 Cu.In.	1.26
V8-283 Cu.In.	1.75
V8-327 & 396 Cu.In.	1.98
Frontal area (Sq. In.)	
L6-194 Cu.In.	323
L6-230 Cu.In.	357
V8-283 Cu.In.	357
V8-327 & 396 Cu.In.	391

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

Type	Pelle:
Begins to open at	177°-183°F
Fully opened at	212°F
Thermostat By-Pass Hose V8-396 only .....	.745 ID

RADIATOR HOSE

Outlet, lower (radiator to water pump)	
L6-194 & 230; V8-283 & 327 Cu.In.	1.75 ID
V8-396 Cu.In.	1.88 ID
Inlet, upper (thermostat hsg. to radiator)	
L6-194 & 230 Cu.In.	1.28 ID
V8-283 & 327 Cu.In.	1.50 ID
V8-396 Cu.In.	1.50 ID

FAN

Number of blades	
L6 & V8-283 Cu.In.	4
V8-327 & 396 Cu.In.	4
V8-396 Cu.In. (RPO L78)	5
Diameter	
L6 & V8-283 Cu.In.	17.62
V8-327 & 396 Cu.In.	17.62
V8-396 Cu.In. (RPO L78)	18.00
Fan pulley pitch diameter	7.00
Drive (V8-396 RPO L78)	
Type	Thermomodulated fluid coupling
Performance at 4000 RPM Input	At 135°-155°F
fan speed 3200 to 3500 RPM; at 120°F	
and below, fan speed 800-1800 RPM	

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number used	One
Angle of "V"	38°-42°
Pitch line	
L6-194 & 230 Cu.In.	39.00
V8-283 Cu.In.	54.00
V8-327 Cu.In.	54.00
V8-396 Cu.In.	55.50
V8-396 Cu.In. (RPO L78)	
Fan, Generator and Water Pump Belt	55.50
Fan & Water Pump	43.00
Width .....	.380

WATER PUMP

Type	Centrifugal
Capacity	
L6-194 Cu.In.	58 GPM @ 4400 Engine RPM
L6-230 Cu.In.	60 GPM @ 4400 Engine RPM
V8-283 Cu.In.	94 GPM @ 4400 Engine RPM
V8-327 Cu.In.	57 GPM @ 4400 Engine RPM
V8-396 Cu.In.	82 GPM @ 5200 Engine RPM
Bearing	Permanently lubricated double row ball
Drive	Fan belt
Ratio (Pump to Engine RPM) .....	.949:1

DRAIN LOCATIONS AND TYPE

Radiator - Petcock	
L6-194 Cu.In.	Bottom center,
	Heavy duty - left side bottom
L6-230, V8-283, 327 & 396 Cu.In.	Left side bottom
Engine block - Plug	
L6	Left side rear
V8-283 & 327 Cu.In.	Right and left center
V8-396 Cu.In.	Left side - rear of block
	Right side - center of block

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating ----- 12
 Capacity (SAE)
 L6 & V8-283 ----- 44 amp hr @ 20 hr rate
 V8-327 & 396 ----- 61 amp hr @ 20 hr rate
 Heavy Duty (RPO T60) ----- 70 amp hr @ 20 hr rate
 Total Number of Plates
 L6 & V8-283 ----- 54
 V8-327, 396 and Heavy Duty ----- 66
 Number of Cells ----- 6
 Terminal Grounded ----- Negative
 Location ----- Right front engine compartment

Test Conditions ----- Engine at operating temp.

No Load Test

Amps

L6 & V8-283 ----- 49-76

V8-327 & 396 ----- 65-100

Volts ----- 10.6

RPM

L6 & V8-283 ----- 6200-9400

V8-327 & 396 ----- 3600-5100

Motor Drive

Engagement ----- Solenoid

Pinion Tooth No. ----- 9

Flywheel Tooth No. ----- 153 (V8-396) - 168

Mounting ----- Bolted to cylinder block flange

GENERATOR

Type ----- Diode rectified
 Rating
 Amps ----- 9-37
 Volts ----- 12-15
 Drive ----- By fan belt
 Pulley Pitch Diameter ----- 2.70
 Ratio (Gen. to Engine Speed) ----- 2.46:1

IGNITION SYSTEM

DISTRIBUTORS ----- Refer to chart below

COIL

Type ----- 12-Volt

Amperes Drawn

 Engine Stopped ----- 4.0

 Engine Idling ----- 1.8

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 ----- Left side front engine compartment

SPARK PLUGS

Type

L6 ----- AC46N (Long reach)

V8-283 ----- AC45

V8-327 ----- AC44

V8-396 ----- AC43N

Thread Size (mm) ----- 14

Gap ----- .033-.035

Torque ----- 25 lb ft

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View) ----- Clockwise

CABLE ----- Linen core impregnated with

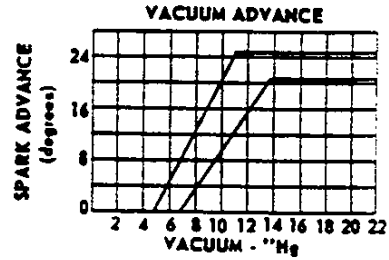
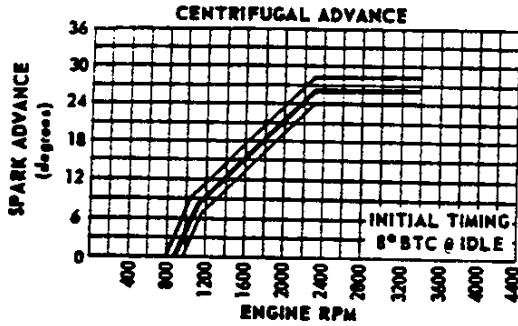
electrical conducting material and insu-

lation of rubber with neoprene jacket.

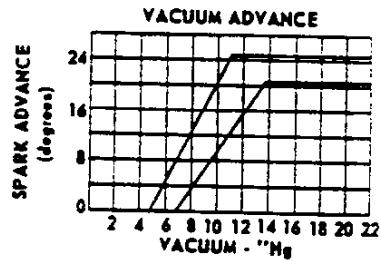
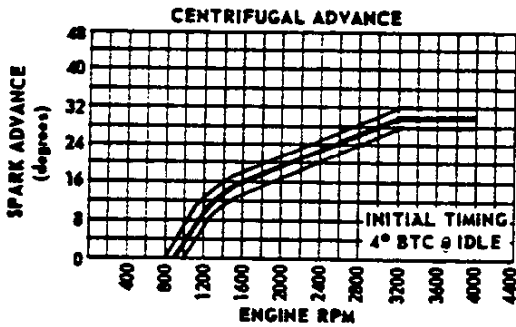
	L-6	L-6	V-8	V-8	V-8	V-8	V-8	V-8
DISTRIBUTORS ●	194 CU.IN. 120 HP	230 CU.IN. 140 HP	283 CU.IN. 195 HP	283 CU.IN. 220 HP	327 CU.IN. 275 HP	396 CU.IN. 325 HP	396 CU.IN. 360 HP	396 CU.IN. 375 HP
Model	1110360	1110362	1111150		1111152	1111109	1111138	1111100
Type	Single Breaker							
Cam Angle	31°-34°			28°-32°				
Breaker Gap	.019 (new)							
Breaker Arm Tenston	19-23 oz							
Centrifugal Advance Begins (RPM)	900							
Max Degrees @ RPM	26 @ 2300	30 @ 3200	28 @ 4200		26 @ 4100	30 @ 5000		28 @ 4400
Vacuum Advance Begins (In. Hg)	6.00		8.00			8.00	7.00	
Max Degrees @ In. Hg	21 @ 14.5		15 @ 15.5			20 @ 17	12 @ 12	
Timing (Initial Design Setting) (Crankshaft Degrees @ RPM with Vacuum Line Disconnected)	8° ± 1 BTC @ 500	4° ± 1 BTC @ 500	4° ± 1 BTC @ 500	4° ± 1 BTC @ 500	8° ± 1 BTC @ 500	4° ± 1 BTC @ 500	4° ± 1 BTC @ 550	10° ± 1 BTC @ 550
Timing Mark Location	Harmonic balancer except V-8 283 on crankshaft pulley hub							

ELECTRICAL SYSTEM—Cont'd.

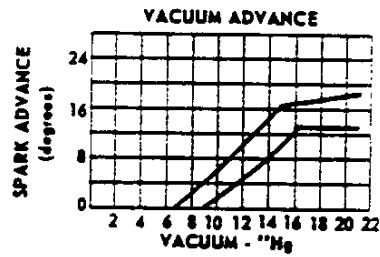
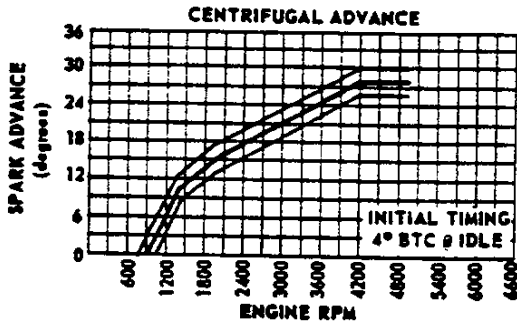
194 CUBIC INCH L-6 ENGINE



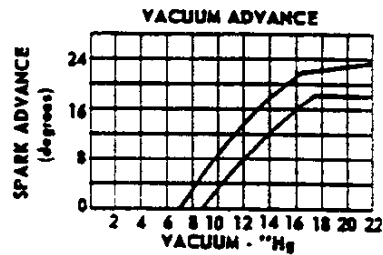
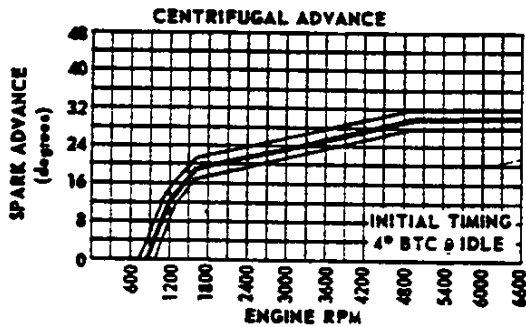
230 CUBIC INCH L-6 ENGINE



283 CUBIC INCH V-8 ENGINE



396 CUBIC INCH V-8 ENGINE



CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type	L-6 194 CU.IN.		L-6 230 CU.IN.		V-8 283 CU.IN.		V-8 327 CU.IN.		● V-8 396 CU.IN.						
	Availability	Regular Prod.		RPO L26		Reg. & L77		RPO L30		Base, L35, L75						
Clutch for		3-Spd	O.D.	M01 Z04*	3-Spd	O.D.	Z04*	3-Spd	O.D.	4-Spd	H.D.	3-Spd	4-Spd	H.D.	3-Spd	4-Spd
Type		Single dry disc						Single dry disc centrifugal								
Clutch cover & pressure plate	Eng. plate load, lb.	1350-1450	1900 2200	1500-1800	1900 2200	1700-1950		2100-2300	2450-2750							
	Press. plate matl.	Cast iron						Nodular iron								
	Clutch spring type	Diaphragm						Diaphragm, bent finger design								
	Clutch spring matl.	Heat treated spring steel														
Driven plate	Cushions	Flat spring steel between friction rings														
	Dampers	6 coil springs						12 coil springs (6 set of 2)		10 coil springs (5 sets of 2)						
	Friction rings	OD	9.12	10.0	9.12	10.0	10.0	10.4	11.0							
		ID	6.12	6.0	6.12	6.0	6.5	6.5	6.5							
		Total area Sq. in.	71.8	100.5	71.7	100.5	90.7	103.5	123.7							
Matl.	Woven type asbestos	@	Woven type asbestos	@	Woven type asbestos											
Flywheel	Ring gear	Matl.	Heat treated HR Steel													
		No. of teeth	153													
		PD	12.75													
		Attachment	Shrink fit													
Bearings	Release	Type	Single row ball													
		Lubrication	None, prepacked													
	Pilot	Type	Bronze bushing													
		Lubrication	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															

- * M01 - Option for Heavy Duty Clutch; Z04 - Option for Heavy Duty Chassis.
- (a) Woven front and molded rear asbestos rings.

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type		3-Speed				3-Spd. H.D. (M13)	4-Speed				
Engine Application	Type	L-6 194	V-8 283	L-6 230	V-8 327	● V-8 396	V-8 283	V-8 317	● V-8 396		
	Availability	Standard	L77	L26	L30	Base, L34 & L78	Srd. & L77	L30	Base, L34 & L78		
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				
	Ratios	First	2.85		2.54	2.41	3.11	2.54	2.85	2.85	2.85
		Second	1.68		1.50	1.57	2.20	1.80	1.55	1.64	1.64
		Third	1.00		1.00	1.00	1.47	1.32	1.00	1.00	1.00
Fourth						1.00	1.00	1.00	1.00	1.00	
Reverse		2.95		2.63	2.41	3.11	2.54	2.55	2.26	2.26	
Lubricant	Type	Meeting Military Specification MIL-L-2105-B									
	Capacity (qts)	2					3.5				
Extension	Material	Cast iron					Aluminum				
	Oil seal	Steel; encased double seal of spring loaded rubber or felt									

- * Close Ratio available with RPO L35 & L78 only.

TRANSMISSIONS—Cont'd.

OVERDRIVE TRANSMISSION (RPO M10)

GENERAL

Type ----- 3 pinion planetary drive unit
 Description ----- Adaptable to 3-speed transmission. Overdrive drive unit with integral mainshaft and extension of 3-speed.
 Operation ----- Actuation by manually operated pull type lockout switch located under instrument panel to right of steering column; when fully extended, overdrive unit is inoperative. Overdrive unit can be over-ridden by a downshift switch located at the carburetor and controlled by the accelerator pedal; over-riding achieved by tramping accelerator.
 Lubricant
 Type ----- Meeting Military Specification MIL-L-2105-B
 Viscosity ----- SAE 80
 Capacity ----- Total 3 pints
 Gear ratios with overdrive locked in
 Regular production and optional L-6 engines
 First ----- 2.058
 Second ----- 1.176
 Third ----- .7
 Output shaft RPM
 Cut-in ----- 1440
 Cut-out ----- 1100

AUTOMATIC TRANSMISSION (RPO M35)

Engine	Type	L-6 194 C.I.	V-8 283 C.I.	L-6 230 C.I.	V-8 327 C.I.	V-8 396 C.I.		
	Availability	Standard	L7	RPO L26	RPO L30	RPO L35	RPO L34	
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	P-R-N-D-L					
	Parking Lock	Type	Pawl and gear (on planetary)					
Operation		Applied by selector lever thru spring loaded linkage						
Hydraulic controls	Method of cooling	Air (b)	Water					
	Flywheel assembly	Steel stamping with welded on ring gear						
	Manual valve type	Spool						
	Pressure regulator valve type	Spool						
	Pressure	Drive	51		51			
Low		122		133				
Reverse		88		86				
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. Operation independent of cover and pump housing.						
	Stator	Aluminum air foil supported on a stationary sleeve by an over-running clutch of cam and roller design.						
	Stall torque ratio	2.40		2.10				
	Stall speed (RPM)	1790	1540	1340	1560	1660	1880	1860
	Diameter (nominal)	11.0		11.75	11.0		11.75	

- (a) Floor mounted when used with bucket seats
 (b) Water cooled unit available optionally.
 (c) Conditions: 450 RPM input at 25 inches Hg vacuum.

AUTOMATIC TRANSMISSION - CONTINUED

Engine	Type	L-6 194 C.I.	V-8 283 C.I.	L-6 230 C.I.	V-8 327 C.I.	V-8 396 C.I.		
	Availability	Standard	L77	RPO L26	RPO L30	RPO L35	RPO L34	
Planetary gear set	Type	Compound planetary						
	Range	Drive	1.82 to 1			1.76 to 1		
		Low	1.82			1.76		
		Reverse	1.82			1.76		
	Low band	Three linked circular segments						
Low band servo	Piston with release spring and inner cushion spring							
Case	Material	Aluminum (one piece)						
Output shaft RPM & vehicle speed (MPH)	N V Factor	42.1	42.1	42.1	41.2	35.5		
	Upshift:	Closed throttle	651(15)	650(16)	650(16)	651(16)	660(17)	
		Throttle	1905(44)	2085(51)	1900(45)	2130(54)	2350(59)	
		Full throttle	2205(51)	2400(59)	2205(53)	2495(58)	2750(69)	
	Down-shift:	Closed throttle	605(14)	605(15)	605(14)	605(15)	615(16)	
		Throttle at detent	1205(28)	825(20)	1170(28)	825(21)	895(23)	
Full throttle		2100(48)	2270(55)	2060(49)	2350(59)	2585(65)		
High clutch	Type	Multi-disk						
	Drive plates	Waved steel with bonded organic facings						
	Number	3	4	3		4		
	Reaction plates	Flat steel						
Number	4	5	4		5			
Reverse clutch	Type	Multi-disk						
	Drive plates	Flat steel with bonded organic facings						
	Number	4	4	4		6		
	Reaction plates	Flat steel						
Number	4	4	4		6			
Torque Multiplication	Maximum overall ratio	4.37		3.82		3.70		
	Low and reverse	4.37 to 1.82		3.82 to 1.82		3.70 to 1.76		
Lubricant	Type	A suffix A						
	Capacity (pts)	15	18	15		18		
Governor	Refill	3						
	Type	Centrifugal						
	Operation	Regulates pump oil pressure to automatic shift control valve body						
Oil pump	Drive	Mounted on output shaft						
	Location	In extension						
	Type	Internal-external gear						
	Number	Two, front and rear						
Front pump	Function	To supply pressure						
	Drive	Converter pump						
	Function	Supply main system pressure at low vehicle speeds						
	Rear pump	Output shaft						
Function	Supply main system pressure at high vehicle speeds and during push starts							

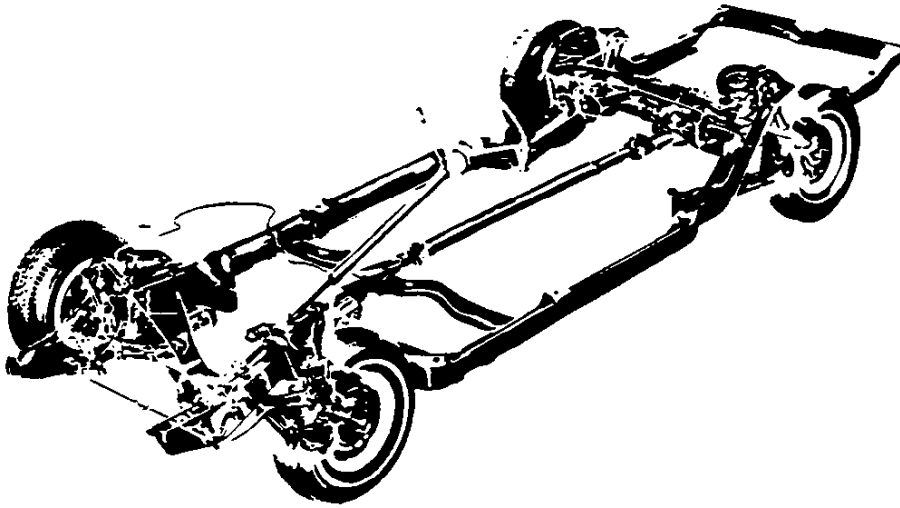


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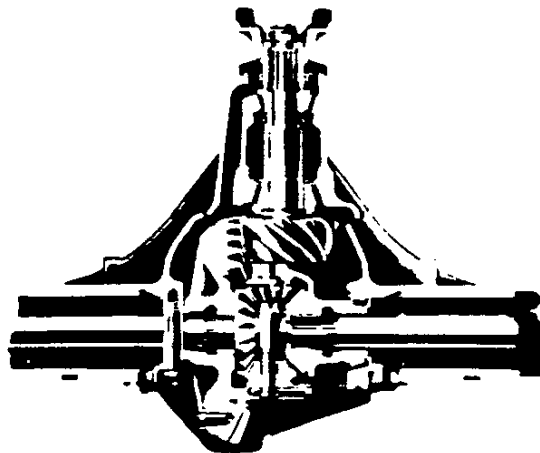
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CHASSIS



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



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 convertibles and sedan pickups are "C" shaped; convertibles and sedan pickups have welded box construction members. Rear axle pickups box welded construction. Rear of pickup "C" shaped. Body mounting points, Convertible 14, Station Wagons 12, all others 10.

Wheel travel (design)
 Total ----- 7.53
 Jounce ----- 2.89
 Rebound ----- 4.64
 Wheel to spring, travel ratio ----- 1.82:1

FRONT SUSPENSION

Description ----- Independent, SLA type with coil springs & concentric shock absorbers, and spherically jointed steering knuckles 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 bearing ----- .7492-.7497
 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 ----- Two bearings, both non-metallic; upper surface teflon-coated phenolic, lower surface teflon-cotton composition
 Lower ----- One upper surface, teflon-cotton composition

SHOCK ABSORBERS

Type ----- Direct, double-acting, hydraulic
 Piston diameter ----- 1.00

STABILIZER BAR

Type ----- Link
 Material ----- HR steel
 Diameter ----- .812; 396 V-8, .937

FRONT WHEEL ALIGNMENT

Camber (degrees) ----- 0 to P1 curb
 Caster (degrees) ----- Except SS 396 and E1 Camino, N1-1/2 to N1/2 curb; SS 396 and E1 Camino, N1 to 0 curb
 Toe-in (total) ----- 1 8 to 1 4
 SAI (degrees) ----- 7-3/4 to 8-3 4

GENERAL SUSPENSION PROVISIONS

Car leveling ----- Front stabilizer bar
 Brake dip control ----- Angle of front upper control arm
 Squat control ----- Rear suspension geometry

FRONT SPRINGS

Part Number	Ref.	Type	Material	Cut-off Length	Wire Dia.	Inside Dia.	Heights		Deflection rate (lbs. per inch)	
							Free	Working (In. @ lbs.)	@ Spring	@ Wheel
3881624	A	Coil, Right Hand Helix	AISI A-5160	134.6	.594	3.63	18.2	12.59@1400	250	9"
3881627	B			149.9	.656	3.63	18.5	12.59@1860	320	11"
3866285	C			134.6	.594	3.63	18.4	12.59@1450	250	9"
3881626	D			149.9	.656	3.63	18.3	12.59@1800	320	11"
3851077	E			135.9	.637	3.63	18.1	12.59@1415	320	11"
3866287	F			148.4	.612	3.63	18.6	12.59@1510	250	9"
3866288	G			148.4	.612	3.63	18.8	12.59@1550	250	9"
3866289	H			148.4	.612	3.63	18.9	12.59@1580	250	9"

Engines	194 & 230 Cu. In. L-6 Engines										283 Cu. In. V-8 Engine															
	13100		13300		13500		13200		13400		13600		13800													
Models	11	69	11	35	69	80	35	17	39	67	69	80	11	69	11	35	69	80	35	17	39	67	69	80	17	16"
3-Speed, PG(a)	Appl.	A	A	A	A	A	A	A	A	A	A	A	A	A	F	G	G	C	G	F	C	F	H	F	H	F

Engines	327 Cu. In. V-8 Engine											
	13100		13300		13500		13200		13400		13600	
3 and 4-Speed, Powerglide	G	H	G	F	H	G	F	F	H	F	H	G

Engines	396 Cu. In. V-8 Engine												
	13100		13300		13500		13200		13400		13600		
3 and 4-Speed, Powerglide(b)	D	D	D	E	D	D	E	E	B	E	B	D	E

(a) Also 4-speed with V-8 engines.
 (b) 3-speed, 4-speed only with 396 V-8, RPO L78.

STEERING, DRIVELINE, WHEELS AND TIRES

MANUAL STEERING (Standard)

Description ----- Semi-reversible, recirculating ball nut gear, 7 position 5" vertical travel tilt steering wheel optional.

Ratios ----- Gear, 24:1; overall 28:1

Turning diameters (ft)

 Outside front, wall to wall ----- 43.1

 Outside front, curb to curb ----- 40.3

 Inside rear, wall to wall ----- 24.1

 Inside rear, curb to curb ----- 24.7

Number of wheel turns, lock to lock ----- 5.48

Outside wheel angle with inside wheel

 @ 14.81 degrees ----- 14.06

 @ 20.00 degrees ----- 18.41

 @ 33.73 degrees (limit of turn) ----- 31.15

Linkage ----- Parallelogram, rear of wheels, 2 tie rods

Steering wheel

 Standard and optional tilt wheel ----- Deep dished, 16.5 diameter

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

Ratio ----- Gear, 17.5:1; overall, 20.4:1

Number of wheel turns, lock to lock ----- 3.98

DRIVELINE

Type ----- Tubular, exposed

Number used ----- One

Diameter (O.D.) ----- 3.25

Length (C/L of U-joints) ----- 60.13

Wall thickness ----- .065

Universal joints

 Type ----- Cross

 Number used ----- Two

 Bearings ----- Prepack, anti-friction

 Drive and torque ----- Through rear suspension control arms

WHEELS

Type ----- Short spoke spider

Attachment to hub ----- 5 hex nuts, 7/16-20 UNF 2-B, arranged on a 4.75 diameter bolt circle

Rim size ----- 14 x 5J; SS 396, 14 x 6JK

Offset ----- 1.00

TIRES

Type ----- Rayon, tubeless, blackwall

Construction ----- 2 ply

Rating ----- 4 ply

Size

 L-6 except wagon, pickup, and conv; V-8 except wagon, 4-dr. hardtop, conv., and pickup ----- 6.95 x 14

 L-6 convertible and pickup; V-8 4-dr. hardtop, convertible, and pickup ----- 7.35 x 14

 L-6 and V-8 wagons, SS 396 ----- 7.75 x 14

TIRE SPECIFICATIONS

		6.95 x 14-4PR	7.35 x 14-4PR	7.75 x 14-4PR
Loaded rolling radius		11.8	12.1	12.4
Loaded rev/mi @ 50 MPH		822	803	776
Capacity (lbs @ PSI)		1050 @ 24	1160 @ 24	1270 @ 24*
Recommended pressure (cold)†	Front	24	24	24*
	Rear	24	24	24*

† Average Load

* Wagons - Front, 1210 @ 22; Rear, 1330 @ 26

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 ----- 1.50

Hypoid gear PD

3.08, 3.36, 3.70 ----- 8.125

3.07, 3.31, 3.73 ----- 8.875

Pinion bearing adjustment ----- Shim

Lubricant

Type ----- Military Spec. MIL-L-2105-B

Viscosity ----- SAE 80

Capacity (pts) ----- 8.125 hypoid gear ----- 3.5

8.875 hypoid gear ----- 4.0

Ratios (standard production)

194, 230 except wagons; and 283 V-8 engines

3 & 4-speed & automatic transmissions ----- 3.08

Overdrive transmissions ----- 3.70

194 & 230 L-6 wagons

Automatic & 3-speed transmissions ----- 3.36

RPO L30 ----- 3.08

RPO L34 -- 3 and 4-speed, Powerglide ----- 3.73

Super Sport 396 ----- 3.31

RPO L78 ----- 3.07

AXLE SHAFT

Type ----- Forged and hardened steel with integral drive flange

Wheel bearings ----- Single row cylindrical roller, one per wheel

Oil seal ----- Steel encased spring loaded synthetic rubber

HYPOID AND PINION GEAR TOOTH COMBINATIONS

3.08 (8.125 hypoid gear) ----- 37.12

3.36 (8.125 hypoid gear) ----- 37.11

3.70 (8.125 hypoid gear) ----- 37.10

3.07 (8.875 hypoid gear) ----- 43.14

3.31 (8.875 hypoid gear) ----- 43.13

3.73 (8.875 hypoid gear) ----- 41.11

POSITRACTION DIFFERENTIAL (see Power Trains)

Type ----- Two pinion with dual disk clutches

REAR SUSPENSION

Description ----- Link type; 2 upper and 2 lower control arms supporting an integral rear beam consisting of cast iron differential carrier with pressed in tubular rear axle shaft housings. Drive and torque taken through control arms.

Wheel travel (design)

Total ----- 9.75

Jounce ----- 2.25

Rebound ----- 7.50

Wheel to spring, travel ratio ----- 1.053:1

SHOCK ABSORBERS

Type ----- Direct, double-acting, hydraulic

Piston diameter ----- 1.00

REAR SPRINGS

Part Number	Ref.	Type	Material	Cut-off Length	Wire Dia.	Inside Dia.	Heights		Deflection rate (lbs. per inch)	
							Free	Working (in. @ lbs.)	@ Spring	@ Wheel
3870485	A	Coil, Right Hand Helix	AISI A-5160	120.6	.536	5.500	16.0	9.74 @ 625	100	100
3890624	B			121.4	.575	5.500	14.9	9.74 @ 575	130	129
3890622	C			108.1	.545	5.500	14.4	9.74 @ 530	130	129
3866255	D			108.1	.516	5.500	15.5	9.74 @ 580	100	100
3866256	E			120.6	.536	5.500	15.7	9.74 @ 600	100	100
3881632	F			121.4	.575	5.500	14.6	9.74 @ 635	130	129
3866258	G			120.6	.536	5.500	16.7	9.74 @ 700	100	100
3881633	H			121.4	.575	5.500	15.4	9.74 @ 740	130	129
3881634	I			130.9	.590	5.500	17.3	9.74 @ 975	130	129

Engines	194 & 230 Cu. In. L-6 Engines								283 Cu. In. V-8 Engine																
	13100	13300	13500	13700	13900	14100	14300	14500	13200	13400	13600	13800													
Models	11	69	11	35	69	80	35	17	39	67	69	80	11	67											
3-Speed, PG (a)	Appl.	E	E	E	I	E	G	I	D	A	E	E	G	E	A	A	I	A	C	I	D	A	A	A	C

Engines	327 Cu. In. V-8 Engine											
	13200	13400	13600	13800	14000	14200	14400	14600	14800	15000	15200	15400
3 and 4-Speed, Powerglide	A	A	A	I	A	G	I	D	A	A	A	G

Engines	396 Cu. In. V-8 Engine													
	15000	15200	15400	15600	15800	16000	16200	16400	16600	16800	17000	17200		
3 and 4-Speed(b), Powerglide	F	F	F	K	F	H	I	C	B	F	B	H	C	C

(a) Also 4-speed with V-8 engines.

(b) 3 and 4-speed only with 396 V-8, RPO L78.

BRAKES

SERVICE BRAKES (Standard)

Type	Duo-servo, 4-wheel hydraulic, reverse self-adjusting
Line pressure, psi, @ 100 lb pedal load	783
Braking ratios	
Pedal	6.15
Hydraulic	4.29
Overall	26.38
Distribution of braking effort (theoretical, percent)	
Front wheels	59.4
Rear wheels	40.6
Brake Drum	
Diameter, front and rear	9.5
Construction	Composite, web cast into rim
Material	
Web	HR steel
Rim	Cast iron alloy
Swept drum area (sq. in.)	286.6
Brake lining	
Material	Full molded asbestos composition
Length	
Primary shoe, front and rear	9.01
Secondary shoe, front and rear	9.75
Width	
Front wheels, primary and secondary	2.50
Rear wheels, primary and secondary	2.00
Thickness, minimum @ centerline	
Primary shoes, front and rear	.17
Secondary shoes, front and rear	.20
Method of attachment	Bonded
Total effective area (sq. in.)	168.9
Gross lining area (sq. in.)	168.0
Master cylinder	
Piston diameter	1.00
Piston travel (available pedal travel)	1.09
Wheel cylinders	
Piston diameter	
Front	1.125
Rear	.9375
Foot pedal travel	6.70

PARKING BRAKE

Type	Mechanical; pull rods and cables operate two rear service brakes
Total effective area (sq. in.)	74.8
Control	Pendulum foot pedal; released by T handle located below instrument panel to left of steering column.

SERVICE BRAKES, METALLIC (RPO J65) (Same as standard production SERVICE BRAKES except as follows)

Line pressure, psi, @ 100 lb. pedal load	1023
Braking ratios	
Pedal	6.15
Hydraulic	5.60
Overall	34.44
Brake lining	
Material	Sintered iron segments
Size	
Front wheel segments	
Primary	1.64 x 1.25 x .175
Secondary	1.65 x 1.06 x .255
Rear wheel segments	
Primary	1.64 x 1.00 x .175
Secondary	1.64 x 1.00 x .255
Segments per shoe	
Primary, front and rear	2
Secondary, front and rear	1
Method of attachment	Welded
Total effective area (sq. in.)	115.1
Gross lining area (sq. in.)	115.1
Master cylinder	
Piston diameter	1.875

POWER BRAKES (RPO J50) (Same as standard production SERVICE BRAKES except as follows)

Type	Vacuum power unit added to assist regular master cylinder; integral
Pedal effort	Approximately 30% less than regular service brakes at same deceleration rate
Braking ratios	
With standard production service brake linings	
Pedal	3.45
Hydraulic	4.20
Overall	14.57
With metallic service brake linings	
Pedal	3.45
Hydraulic	5.60
Overall	19.32
Master cylinder	
Piston travel (available pedal travel)	1.10
Foot pedal travel	4.00

BULBS, FUSES, AND CIRCUIT BREAKERS

LAMP	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Ash tray	1-53	1
Automatic transmission position pattern	Except 13700 & 800, 1-1445 13700 & 800, 1-1895	1 2
Back up	2-1156	32
Clock (with tachometer option)	1-1895	2
Courtesy		
Instrument panel	2-631	6
Seat separator	1-211	15
Directional signal indicators	2-1445	1
Dome	1-211	15
Generator indicator	1-1895	2
Glove compartment	1-1895	2
Headlamp	Outer	2-4001
	Inner	2-4001
Headlamp hi-beam indicator	1-1895	2
Heater controls	1-1895	2
Instrument cluster	Except 13700 & 800, 5-1895	2
	13700 & 800, 6-1895	2
License plate, rear	1-1155	4
Luggage compartment	1-1003	15
Oil pressure indicator	1-1895	2
Parking		
Park	2-1157	4
Turn		32
Parking brake alarm	1-257	2
Radio	1-1893	2
Spot lamp		
Inside operated	1-4405	30W
Portable	1-4416	30W
Tail		
Tail	2-1157	4
Stop and turn		32
Temperature indicator	1-1895	2
Traffic hazard indicator	1-1445	1
Underhood	1-93	15

BULBS, FUSES, AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	AGC 30 fuse	In line
Ash tray lamp	AGC 30 fuse	Fuse panel (g)
Auto. trans. position pattern lamp	AGC 3 fuse	Fuse panel (c)
Back up lamps	AGC 10 fuse	Fuse panel (d)
Cigarette lighter	AGC 15 fuse	Fuse panel (b)
Clock	AGC 15 fuse	Fuse panel (b)
Clock lamp (with tachometer option)	AGC 3 fuse	Fuse panel (c)
Courtesy lamps	AGC 15 fuse	Fuse panel (b)
Defogging unit	AGC 10 fuse	Fuse panel (g)
Direction signal indicator lamps	AGC 3 fuse	Fuse panel (c)
Dome lamp	AGC 15 fuse	Fuse panel (b)
Folding top motor	40 amp CB	Hinge pillar
Fuel gage	AGC 10 fuse	Fuse panel (d)
Generator indicator lamp	AGC 10 fuse	Fuse panel (d)
Glove compartment lamp	AGC 15 fuse	Fuse panel (b)
Headlamps	15 amp CB	Light switch
Headlamps hi-beam indicator lamp	15 amp CB	Light switch
Heater	AGC 10 fuse	Fuse panel (g)
Heater controls lamp	AGC 3 fuse	Fuse panel (c)
Instrument cluster lamps	AGC 3 fuse	Fuse panel (c)
License plate lamp, rear	AGC 15 fuse	Fuse panel (b)
Luggage compartment lamp	AGC 15 fuse	Fuse panel (b)
Oil pressure indicator lamp	AGC 10 fuse	Fuse panel (d)
Overdrive solenoid	AGC 15 fuse	In line
Parking brake alarm indicator lamp	AGC 10 fuse	Fuse panel (d)
Parking lamps	15 amp CB	Light switch
Power seats	40 amp CB	Hinge pillar
Power windows	40 amp CB	Hinge pillar
Radio and radio lamp	AGC 2.5 fuse	Fuse panel (e)
Spot lamp	Inside operated	In line
	Portable	Fuse panel (b)
Tachometer	AGC 10 fuse	Fuse panel (d)
Tail, stop and turn lamps	AGC 15 fuse	Fuse panel (b)
Tailgate motor	40 amp CB	Hinge pillar
Temperature indicator lamp	AGC 10 fuse	Fuse panel (d)
Traffic hazard indicator lamp	AGC 15 fuse	Fuse panel (b)
Underhood lamp	SAE 4 fuse	In line
Windshield wiper, two-speed	SAE 20 fuse	Fuse panel (f)
	14 amp CB	Switch

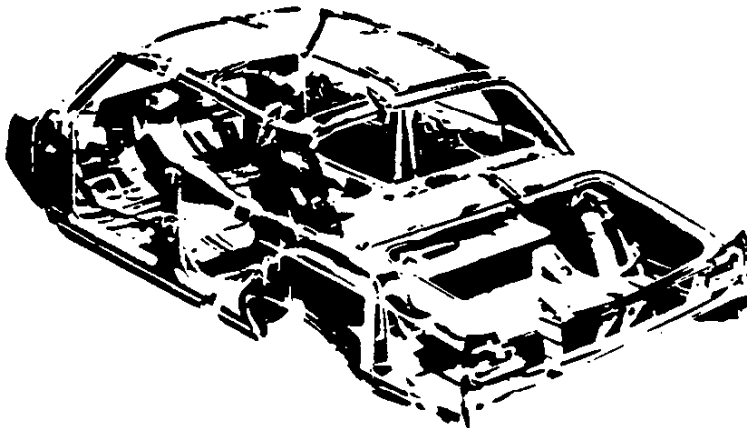
* Letter suffix indicates same circuit



22

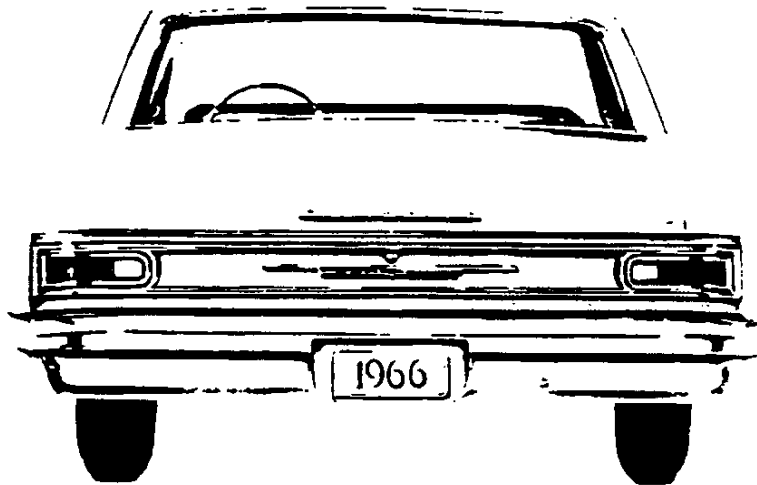


BODY



EXTERIOR PAINT PROCESS 2
EXTERIOR-INTERIOR COLOR COMBINATIONS 3
BODY CONSTRUCTION AND GLASS AREA 6

EXTERIOR PAINT PROCESS



1. **RUSTPROOFING . . .** Bare steel is thoroughly treated with chemicals that etch the metal for improved paint adhesion. This chemical also cleans the metal to give it a corrosion-resisting surface.
2. **BODY AND SHEET METAL PRIMER . . .** Four different and specially formulated corrosion resistant primers are used during sub-assembly of the body where rust could possibly develop. Areas considered especially critical are subsequently coated with another type rust inhibiting compound, after the lacquer coats have been applied.
A primer coat is applied to all outside and inside surfaces of the front fenders and hood. This is done by dipping or flowcoating to insure coating in all seams and secluded areas, and then baking at 390 degrees F for 30 minutes. After baking, a coat of sealer is applied to all surfaces requiring a subsequent coat of lacquer.
3. **PRIMER-SURFACER COAT AND FLASH PRIME COAT . . .** An air dried flash prime coat is applied to surfaces below the beltline. Next, a full primer-surfacer coat is applied to all outside surfaces of the body receiving lacquer and then oven baked for 45 minutes at 285 degrees F.
4. **SANDING . . .** Power wet sanding followed by hand sanding is done on all surfaces requiring lacquer.

Upon inspection, spot sanding assures an absolutely smooth surface for the lacquer. After lacquer application and initial baking, final wet sanding, both power and hand, prepares the body for final baking by removing surface irregularities.

5. **LACQUERING . . .** Many coats of acrylic lacquer are now sprayed on the surfaces to build up a finish of the required thickness for each color.
6. **INITIAL BAKING . . .** To set up the paint hardness for final sanding the body is baked for approximately 10 minutes at 200 degrees F.
7. **FINAL BAKING . . .** To assure a durable, hard, high luster finish the lacquer is now baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften and allows surface blemishes and sanding scratches to disappear during the thermo-reflow process.
8. **UNDERCOATING . . .** An asphaltic based-asbestos fiber type sound deadener is sprayed inside the wheel housings and on the underside of the underbody at designated locations to block out road noises.
9. **PAINT REPAIR . . .** Any slight mars, nicks, or scratches that might occur during final assembly are factory-repaired and corrected before shipment. Light "slush" polishing is done to bring painted surfaces to a high luster finish. Wax is sprayed on each vehicle for protection during transit.

EXTERIOR-INTERIOR COLORS

CHEVELLE 300 131-13200 SERIES CHEVELLE 300 DELUXE 133-13400 SERIES EL CAMINO

EXTERIOR			INTERIOR TRIM COLORS AND RPO NUMBERS					
			Med. Fawn	Red	Blue	Med. Fawn	Red	Blue
RPO	Color	Sales Name	Models 13411-60			Models 13211-60		
			706	744	726	704	742	724
			Models 13435-80					
AA	Black	Tuxedo Black	X	X	X	X	X	X
CC	White	Ermine White	X	X	X	X	X	X
DD	Med. Blue	Mist Blue			X			X
EE	Dk. Blue	Danube Blue			X			X
FF	Brt. Blue	Marina Blue			X			X
HH	Med. Green	Willow Green	X			X		
KK	Med. Turq.	Artesian Turq.	X			X		
LL	Dk. Turq.	Tropic Turquoise	X			X		
NN	Bronze	Aztec Bronze	X			X		
NN	Maroon	Madeira Maroon	X	X		X	X	
RR	Red	Regal Red		X			X	
TT	Fawn	Sandalwood Tan	X			X		
VV	Beige	Camel Beige	X			X		
WW	Slate	Chateau Slate			X			X
YY	Yellow	Lemonwood Yellow	X			X		
Two-Tone (Lower Upper)								
CK	White	Med. Turquoise	Not Available			Not Available		
DC	Med. Blue	White			X			X
DE	Med. Blue	Dk. Blue			X			X
HC	Med. Green	White	Not Available			Not Available		
LC	Dk. Turquoise	White	Not Available			Not Available		
NA	Maroon	Black	Not Available			Not Available		
TV	Fawn	Beige	X			X		
WA	Slate	Black	Not Available			Not Available		

Two-tone not available for 13480

EXTERIOR-INTERIOR COLORS

MALIBU 135-13600 SERIES

DELUXE EL CAMINO

INTERIOR TRIM COLORS AND RPO NUMBERS												
			Light Fawn	Turq.	Red	Blue	Black	Bronze	Lt. Fawn	Red	Blue	Black
			Models 13669-39-17						Model 13680			
			706	775	746	728	760(a)	---	710	748	730	---
EXTERIOR			Models 13667-35						Model 13680 Bucker Seat Ctr.			
RPO	Color	Sales Name	709	776	747	729	761(b)	787(c)	711	749	---	751
AA	Black	Tuxedo Black	X	X	X	X	X	X	X	X	X	X
CC	White	Ermine White	X	X	X	X	X	X	X	X	X	X
DD	Med. Blue	Mist Blue	X			X	X		X		X	X
EE	Dk. Blue	Danube Blue	X			X	X		X		X	X
FF	Br. Blue	Marina Blue				X	X				X	X
HH	Med. Green	Willow Green	X				X		X			X
KK	Med. Turq.	Artesian Turquoise	X	X			X		X			X
LL	Dk. Turq.	Tropic Turquoise	X	X					X			
MM	Bronze	Aztec Bronze	X				X	X	X			X
NN	Maroon	Madeira Maroon	X		X		X		X	X		X
RR	Red	Regal Red			X		X		X	X		X
TT	Fawn	Sandalwood Tan	X				X		X			X
VV	Beige	Cameo Beige	X				X	X	X			X
WW	Slate	Chateau Slate				X	X				X	X
YY	Yellow	Lemonwood Yellow	X	X			X		X			X
Two-Tone (Lower/Upper)												
CK	White/Med. Turquoise			X								
DC	Med. Blue/White					X						
DE	Med. Blue/Dk. Blue					X						
HC	Med. Green/White							Not Available			Two-Tone Not Available	
LC	Dk. Turquoise/White			X								
NA	Maroon/Black						X					
TV	Fawn/Beige		X									
WA	Slate/Black						X					

(a) Not available for 13669.

(b) Available for 13667-39-17 only.

(c) Available for 13667 only.

Convertible top: Black, white or beige with any exterior color.

Vinyl top option: 13617 only. Black or beige with any exterior color.

SS 396

MALIBU AND SUPER SPORT 396 BUCKET SEAT OPTION

		INTERIOR TRIM COLORS AND RPO NUMBERS								
		Light Fawn	Turq.	Red		Bright Blue	Black	White (Black)	Bronze	
		Models 13817-67								
		709	776	747		732	761	798	787	
		Bucket Seat Option, Models 13617-67-13817-67								
RPO	Color	Sales Name	712	---	750		731	763	797	790
AA	Black	Tuxedo Black	X	X	X		X	X	X	X
CC	White	Ermine White	X	X	X		X	X	X	X
DD	Med. Blue	Mist Blue	X				X	X		
EE	Dk. Blue	Danube Blue	X				X			
FF	Brt. Blue	Marina Blue					X	X	X	
HH	Med. Green	Willow Green	X				X	X		
KK	Med. Turq.	Artesian Turquoise	X	X			X	X		
LL	Dk. Turq.	Tropic Turquoise	X	X						
MM	Bronze	Aztec Bronze	X				X			X
NN	Maroon	Madeira Maroon	X		X		X	X		
RR	Red	Regal Red			X		X	X		
TT	Fawn	Sandalwood Tan	X				X			
VV	Beige	Cameo Beige	X				X			X
WW	Slate	Chateau Slate					X	X	X	
YY	Yellow	Lemonwood Yellow	X	X			X	X	X	
Two-Tone (Lower/Upper)										
CK	White/Med. Turquoise			X						
DC	Med. Blue/White									
DE	Med. Blue/Dk. Blue									
HC	Med. Green/White									Not Available
LC	Dk. Turquoise/White			X						
NA	Maroon/Black						X			
TV	Fawn/Beige		X							
WA	Slate/Black						X			

Convertible top: Black, white or beige with any exterior color.
 Vinyl top option: Black or beige with any exterior color.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type ----- Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheer metal, with protective inner fender skirts.

DOORS AND LOCKS

Door construction ----- Double steel panels, hinged at front
 Door handles ----- Push-button with fork type door locks. Inside push button locks on all doors.
 Door ventipanes ----- Crank operated

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.
 Hood release ----- External, top of grille, off center, with finger press release

VENTILATION

High level 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 ends of rocker inner panels.

SEAT CONSTRUCTION

Type --- Front seat cushion
 1.00 poly foam ----- 153-154-155-15600, 163-164-16635,45
 1.50 foam rubber ----- 167-16800
 1.75 poly foam ----- 163-16437,39,67,69
 1.75 poly pad ----- 16647,39
 Rear seat cushion
 1.75 poly foam ----- 163-16400: 16635,45, 167-16800
 Jute and curton ----- 153-154-155-15600
 1.75 poly pad ----- 16647,39
 .75 poly foam ----- 155-156-163-164-16645

WINDSHIELD WIPERS AND WASHERS

Type ----- Dual 2-speed electric
 Linkage ----- Parallel acting

SPARE TIRE AND TOOLS

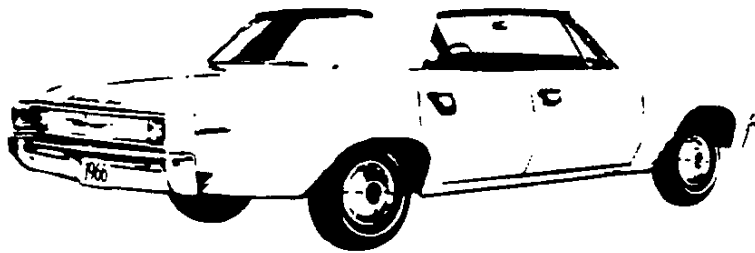
Location ----- Sedans and sport coupe, angled on center of shelf in trunk compartment. Station wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Convertible, right side of trunk compartment rearward of wheelhouse. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

BODY GLASS (SQ. IN.)

LOCATION	TYPE	MODELS							
		69	39	11	37	47	67	35	45
Windshield		1448.1	1384.3	1448.1	1384.3			1448.1	
Front door	Ventipane	73.0	87.0	73.0	87.0			73.0	
	Window	645.9	646.6	874.7	866.4	832.8	859.4	645.9	
Rear door window		647.3	683.4					666.0	
Rear quarter	Window			436.0	382.0	416.4	400.4		
	Rear side							1187.4	
Back window		1173.5	1213.6	1173.5	1381.0	911.0	813.0	925.9	
Total visibility area		3987.8	4014.0	4005.3	4100.7	3631.5	3544.1	4946.3	

* All window glass curved safety solid plate except curved laminated safety plate windshield and flat plastic convertible rear window.

DIMENSIONS AND WEIGHTS



INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
STATION WAGON CARGO SPACE	2
EXTERIOR DIMENSIONS	3
SEDAN DELIVERY EXTERIOR-INTERIOR DIMENSIONS ...	4
VEHICLE WEIGHTS	5

INTERIOR DIMENSIONS

FRONT COMPARTMENT

CODE	DESCRIPTION	SEDANS		SPORT SEDANS	SPORT COUPES	CONVERTIBLES	STATION WAGONS	SEDAN PICKUP
		2-DR	4-DR					
H3	Seat cushion height:					10.9		
H11	Entrance height:	29.7		30.3			29.8	29.7
H13	Steering wheel thigh clearance:					3.9		
H30	H point to heel point:	8.2		7.7			8.2	
H32	Seat cushion deflection:	4.2				4.4		4.2
H50	Upper body opening to ground:	43.6		44.2			43.7	
H58	H point rise:					.6		
H61	Effective headroom:	38.5		38.6	37.7		38.2	
H70	H point to body O line:					13.9		
W3	Shoulder room:					58.5		
W5	Hip room:					59.9		
L7	Steering wheel torso clearance:					11.2		
L17	H point travel:					4.0		
L34	Effective leg room:					41.9		

REAR COMPARTMENT

H8	Seat cushion height:	13.2		13.0		12.8		13.2
H12	Entrance height:	---	29.3	29.8	---	---		29.6
H31	H point to heel point:		10.8	10.5		10.2		10.8
H33	Seat cushion deflection:			4.4		4.5		4.4
H51	Upper body opening to ground:	---	43.3	43.8	---	---		43.6
H63	Effective headroom:		37.3	37.2		36.3	36.5	38.4
H71	H point to body O line:			14.0		13.7		14.0
W4	Shoulder room:	57.4		58.7		57.0	45.6	58.8
W6	Hip room:	58.7		59.9		58.6	48.6	59.9
L3	Rear compartment room:			27.0		25.2	24.9	27.2
L50	H point couple distance:			33.7		31.5		33.7
L51	Effective leg room:	35.8		36.0	35.7	33.1		36.0

LUGGAGE COMPARTMENT

---	Compartment opening width:			52.3			
---	Compartment interior height:			20.0			
---	Compartment interior width:			72.0			
---	Compartment interior length:			53.5			
H195	Compartment loading height:			28.9			
V1	Usable luggage capacity (cu.ft.):			17.1			
---	Total compartment volume (cu.ft.):			27.5			

STATION WAGON CARGO SPACE

H201	Maximum cargo height:					31.3	
H202	Rear opening height:					28.5	
W250	Tailgate to ground height:					26.9	
W200	Cargo width - front:					59.6	
W201	Cargo width - wheelhouse:					42.4	
W203	Rear opening width at floor:					54.6	
W204	Rear opening width at belt:					52.5	
W205	Rear opening width above belt:					54.6	
L200	Maximum cargo length - front seat:					114.5	
L201	Maximum cargo length - second seat:					81.5	
L202	Cargo length at floor - front seat:					92.1	
L203	Cargo length at floor - second seat:					56.1	
L204	Cargo length at belt - front seat:					57.6	
L205	Cargo length at belt - second seat:					46.5	
V2	Total cargo volume (cu.ft.):					86.0	

EXTERIOR DIMENSIONS

LENGTHS

CODE	DESCRIPTION	SEDANS		SPORT SEDANS	SPORT COUPES	CONVERT. IBLES	STATION WAGONS	SEDAN PICKUP	
		2-DR	4-DR						
L101	Wheelbase	115.0							
L102	Tire size (standard)	See Chassis Section Page 3							
L103	Overall length	197.0					199.0		
L104	Overhang - front	31.9							
L105	Overhang - rear	90.1					53.0		
---	Overall length - less bumpers	193.6					196.0		
L127	Body O line to C. L. of rear wheels	100.0							
L128	Hood length at centerline	52.0							

WIDTHS

W101	Tread - front	58.0						
W102	Tread - rear	58.0						
W103	Maximum overall width of car	75.0						
W106	Front fender overall width	73.8						
W120	Overall car width, front doors open	152.0		134.7		152.0	134.7	152.0
W121	Overall car width, rear doors open	---		134.4		---	134.4	---

HEIGHTS

H101	Overall height (design)		53.0		51.9		52.8		54.6
---	Overall height (curb)		54.1		53.2		53.9		56.7
H102	Front bumper to ground		13.5		12.9				13.9
H104	Rear bumper to ground				11.0				10.5
H111	Rocker panel to ground - rear		7.2		7.0				9.2
H112	Rocker panel to ground - front		8.3		8.0				9.6
H114	Hood at rear to ground				31.8				
H115	Step height - front (design)		12.4		12.1				13.7
H116	Step height - rear (design)	---	11.9		---		---	13.6	---
H125	Headlamp to ground		25.2		24.6				25.6
H126	Taillamp to ground		24.6		24.8				26.7
H130	Step height - front (curb)		14.4		14.2				15.5
H131	Step height - rear (curb)	---	14.3		---		---	15.1	---
H136	Body O line to ground - front		5.3		4.7				6.8
H137	Body O line to ground - rear		4.1		3.8				6.1

CLEARANCES

H106	Angle of approach		28°		27°				29°
H107	Angle of departure		13°		14°				12°
H147	Ramp breakover angle		12°		11°				15°
H148	Front suspension to ground		5.8		5.6				6.3
H149	Oil pan to ground		6.6		6.1				7.4
H150	Flywheel housing to ground		6.1		5.7				7.0
H151	Frame to ground								
H152	Exhaust system to ground		5.0		4.9				7.0
H153	Rear axle to ground		5.5		5.3				7.7
H154	Fuel tank to ground		6.8		6.6				11.3
H155	Tire well to ground								
H156	Minimum ground clearance				4.8				6.9

SEDAN PICKUP EXTERIOR-INTERIOR DIMENSIONS

EXTERIOR LENGTHS

DESCRIPTION	MODELS
	133-134-135-13680
Wheelbase	115.0
Overall length	197.6
Front overhang	31.9
Rear overhang	50.7

EXTERIOR HEIGHTS

Overall height	54.6
Rocker panel ground - front	9.6
Front bumper height	13.9
Rear bumper height	10.5
Step height - front	13.7
Angle of approach	29
Angle of departure	12
Minimum ground clearance	6.9
Tailgate to ground	21.6

EXTERIOR WIDTHS

Front tread	58.0
Rear tread	58.0
Overall width	75.0
Tailgate width	59.8

INTERIOR LENGTHS

Maximum effective leg room - front	41.9
Entrance - foot clearance	14.9
Steering wheel torso clearance	11.2
Box length at floor - tailgate closed	78.5
Box length at floor - tailgate open	101.5
Box length at belt	73.5

INTERIOR HEIGHTS

Effective head room - front	36.2
Entrance height - front	29.7
Steering wheel thigh clearance	3.9
Box height - front	19.3
Box height - rear	14.8
Wheelhouse height	9.5
Platform height - design	21.7
Platform height - curb	22.2

INTERIOR WIDTHS

Shoulder room - front	58.8
Hip room - front	59.9
Rear load floor width (between wheelhouses)	46.0
Box width at floor - front	59.8
Box width at belt - front	59.5
Tailgate opening at floor	55.5
Box width at floor - rear	64.8
Box width at belt - rear	58.5

VEHICLE WEIGHTS

CHEVELLE 300 131-13200 SERIES

Model	VEHICLE TYPE Description	SHIPPING WEIGHT			CURB WEIGHT		
		Front	Rear	Total	Front	Rear	Total
13111	2-Door Sedan 6-cylinder	1605	1290	2895	1610	1430	3040
13211	2-Door Sedan 8-cylinder	1720	1320	3040	1730	1465	3195
13160	4-Door Sedan 6-cylinder	1455	1480	2935	1455	1625	3080
13269	4-Door Sedan 8-cylinder	1555	1525	3080	1565	1670	3235

CHEVELLE 300 DELUXE 133-13400 SERIES

13311	2-Door Sedan 6-cylinder	1615	1295	2910	1615	1445	3060
13411	2-Door Sedan 8-cylinder	1730	1330	3060	1735	1480	3215
13335	4-Door Station Wagon 6-cylinder	1590	1620	3210	1585	1770	3355
13435	4-Door Station Wagon 8-cylinder	1690	1660	3350	1705	1805	3510
13369	4-Door Sedan 6-cylinder	1635	1310	2945	1640	1455	3095
13469	4-Door Sedan 8-cylinder	1750	1345	3095	1760	1490	3250

MALIBU 135-13600 SERIES

13535	4-Door Station Wagon 6-cylinder	1600	1635	3235	1600	1760	3360
13635	4-Door Station Wagon 8-cylinder	1705	1670	3375	1715	1815	3530
13539	4-Door Sport Sedan 6-cylinder	1685	1350	3035	1685	1495	3180
13639	4-Door Sport Sedan 8-cylinder	1795	1385	3180	1805	1530	3335
13517	2-Door Sport Coupe 6-cylinder	1630	1305	2935	1630	1450	3080
13617	2-Door Sport Coupe 8-cylinder	1735	1340	3075	1750	1480	3230
13567	2-Door Convertible 6-cylinder	1650	1380	3030	1650	1525	3175
13667	2-Door Convertible 8-cylinder	1760	1415	3175	1775	1560	3335
13569	4-Door Sedan 6-cylinder	1650	1310	2960	1650	1460	3110
13669	4-Door Sedan 8-cylinder	1760	1350	3110	1770	1500	3270

SS 396 13800 SERIES

13817	2-Door SS 396 Coupe 8-cylinder	1985	1390	3375	2010	1535	3545
13867	2-Door SS 396 Convertible 8-cylinder	2005	1465	3470	2030	1610	3640

EL CAMINO

13360	2-Door Sedan Pickup 6-cylinder	1640	1290	2930	1640	1435	3075
13480	2-Door Sedan Pickup 8-cylinder	1755	1320	3075	1765	1470	3235
13580	2-Door Sedan Pickup 6-cylinder	1650	1290	2940	1650	1440	3090
13650	2-Door Sedan Pickup 8-cylinder	1765	1325	3090	1770	1475	3245

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment and grease and oil. Weight of gasoline and water not included.

CURB WEIGHT: Weight of empty vehicle ready to drive. Shipping weight plus weights of gasoline and water. For weight of gasoline add 122 pounds. For weight of water add 24 pounds to 6-cylinder models, 35 pounds to 283 V-8, 33 pounds to 327 V-8, and 47 pounds to the 396 V-8 models.

For total shipping, and curb, weights of vehicles equipped with the following options, add to, or deduct from, the base vehicle weight (lbs).

RPO C48	Less heater	-----	- 25
RPO L30	327 Cu. In. V-8	-----	+ 50
RPO L35	396 Cu. In. V-8	-----	+ 250
RPO M13	Three-speed H.D. transmission	-----	+ 20
RPO M21	Four-speed transmission	-----	+ 11
RPO M35	Powerglide transmission	-----	
	194 and 230 Cu. In. L-6	-----	+ 16
	283 Cu. In. V-8	-----	+ 17
	327 Cu. In. V-8	-----	+ 20
	396 Cu. In. V-8	-----	+ 20



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POWER TEAMS

Model	Engine	Transmission	Optional
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP
Corvair 1600 (230 cu in.)	1600 cc	4-SP	4-SP

Power teams for 1966.

Corvair	150
Corvair (overall)	99.9
Other Models	177.0
With (overall)	75.0
With (overall)	53.0
With (overall)	51.9
With (overall)	52.8
With (overall)	54.8
With (overall)	58.0
With (overall)	58.0
With (overall)	37.5
With (overall)	41.9
With (overall)	39.9
With (overall)	58.7
With (overall)	29.7
With (overall)	27.8
With (overall)	17.1
With (overall)	86.0
With (overall)	7.75 x 14
With (overall)	7.35 x 14
With (overall)	6.95 x 14
With (overall)	40.3
With (overall)	43.1
With (overall)	28.0:1
With (overall)	20.4:1
With (overall)	3085
With (overall)	3235

Interior Trim Codes	EX 394						
	Super Sport Coupe Super Sport Convertible (Vinyl)						
B—Blue D—Red E—Black F—Fawn L—Optional Black Vinyl R—Bright Blue S—White/Black T—Turquoise V—Optional Fawn Vinyl Z—Bronze	INTERIOR TRIM						
SOLID EXTERIOR COLORS & CODE	Fawn	White/Black	Red	Turquoise	Bronze	Black	Bright Blue
	AA	F	S	D	T	Z	E
Tuxedo Black	CC	F	S	D	T	Z	E
Ermine White	DE	F	S				E
Mar Blue	EE	F	S				E
Danube Blue	FF	F	S				E
Manna Blue	HH	F	S				E
Willow Green	KK	F	S		T		E
Armenaz Turquoise	LL	F	S		T		E
Tropic Turquoise	MM	F	S		Z	E	
Arac Bronze	NN	F	S	D			E
Madara Maroon	RR	F	S	D			E
Nepal Red	TT	F					E
Sandalwood Tan	VV	F			Z	E	
Casaco Beige	WW	F	S				E
Chateau Slate	YY	F	S		T		E
Lemonwood Yellow	ZZ	F	S		T		E

TWO-TONE EXTERIOR COMBINATION & CODE
(Not available on Convertible models)

Ermine White/Armenaz Turquoise	CK		T
Mar Blue/Ermine White	DC		
Mar Blue/Danube Blue	DE		
Tropic Turquoise/Ermine White	LC		T
Madara Maroon/Tuxedo Black	NA		E
Sandalwood Tan/Casaco Beige	TV	F	
Chateau Slate/Tuxedo Black	WA		E

EX 394 LTD DELUXE WITH FURATO-SOCKET SEATS		MALIBU				CORVILLE 289 LTD 289 DELUXE										
Sport Coupes and Convertibles (Vinyl)		Sedans and Coupes (Cloth)				Chevrolet 289 All Models (Cloth)										
		Wagons and Convertibles (Vinyl)				289 Deluxe Sedans (Cloth)										
						Wagons (Vinyl)										
Fawn	Red	Bronze	Black	Bright Blue	White/Black	Fawn	Turquoise	Red	Blue	Black Vinyl—Convertible only	Bronze Vinyl—Convertible only	Opt. Black Vinyl—Spt. Conv. & Sed.	Fawn	Blue	Red	Opt. Fawn Vinyl—289 models
F	D	Z	E	R	S	F	T	D	B	E	Z	L	F	B	D	V
F	D	Z	E	R	S	F	T	D	B	E	Z	L	F	B	D	V
F			Z	S	F			B	E			L		B		
F			Z		F			B	E			L		B		
F			Z	R	S			B	E			L		B		
F			Z	S	F			B	E			L	F		V	
F			Z	S	F			B	E			L	F		V	
F	Z	E			F			B	E	Z	L	F			V	
F	D		E	S	F	D		B	E	L	F			D		
F		E		S	F			B	E	L	F				V	
F	Z	E			F			B	E	Z	L	F			V	
F			E	R	S			B	E	L	F			B		
F			E	S	F	T		B	E	L	F			V		

SPECIAL NOTE: Trim codes marked with a dot (•) are available convertible rather than recommended. Both dealer and customer should consider the manufacturer's recommendations.

					T												
									B						B		
									B					B			
								T									
										E			Z	L			
F					F									F			V
										E			Z	L			

Color and trim sections for 1966.

EXTERIOR DIMENSIONS 4-Door Sedan (Inches)

Length	197.0
Width	75.0
Height	53.0
Wheelbase	115.0
Tread	58.0
	58.0
Overhang	31.9
	50.1
Ground Clearance	4.8

Letters are light green on a black background. For more positive lighting, all letters are illuminated from the back, rather than from overhead as in 1965.

Front end sheet metal, radiator grille and bumpers are new. Contributing to the all new appearance are new fenders, hood and grille. Front end inner sheet metal is new and retains the full inner fender skirt design for fender protection.

Front fender skirts of more rigid construction are wider for improved engine compartment splash protection. Width of the new skirt has been increased so that it extends over the upper control arm. In effect, more of the running gear is now shielded from the engine compartment. Flexible splash shields are continued but are now positioned farther inboard than previously. As in the past, skirts are bolted along the entire length of the wheel

opening and to the fender and filler panel.

Front and rear bumpers are newly designed one-piece units. Parking lamp and license plate provisions are designed into the front bumper while rear bumpers provide for fuel tank filling behind the license plate. Fuel fill for station wagon models remains in the left rear quarter panel. Power operated driver bucket seats are optionally available for 1966. The new bucket seat can be adjusted up and down and fore and aft with a single control located at the left side of the seat cushion.

New adjustable headrests are offered for the first time for front bench and bucket seats giving greater seating comfort and support. Two detents provide low, intermediate and high adjustment over a two inch range for the bench seat headrest. Bucket seat headrests adjust to four positions, over a three inch range. The new

INTERIOR DIMENSIONS 4-Door Sedan (Inches)

Head Room, Effective	Front	38.5
	Rear	37.3
Leg Room, Effective	Front	41.9
	Rear	36.0
Shoulder Room	Front	58.8
	Rear	58.7
Entrance Height	Front	29.7
	Rear	29.3
Luggage Capacity (Cubic Feet)	Total	27.8
	Usable	17.1

vinyl covered, foam headrests will be color matched to interior trim.

CHASSIS. The basic chassis design is, in general, carried over from 1965. Brake pipes and shock absorbers feature improved durability. Shock absorbers incorporate highly finished piston rods with greater shape consistency. Quieter operation is achieved, seal wear reduced, and the rods provide more resistance to corrosion. The Super Sport 396 models feature special chassis equipment (see pages 62 and 63).

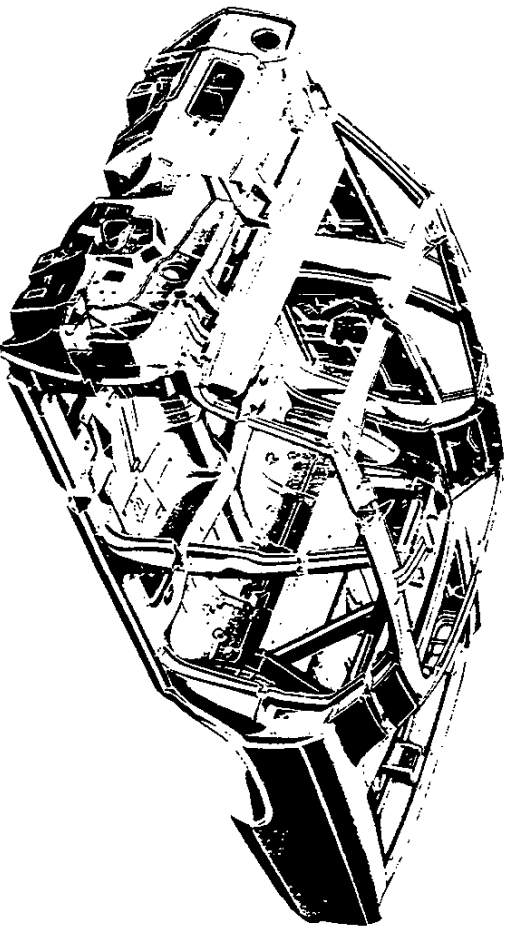
Station wagons have a larger base tire, as does the convertible with the standard 8-cylinder engine. The new size for wagons is 7.75x14 while the convertible has a 7.35x14 unit. Thin-stripe styling is featured on the optional whitewall tire. Information on tire pressure is located on the inside of the glove box door.

Chevelle convertibles, the anti-ballooning construction in which the top is fastened to the first roof bow through a hidden fabric strip.

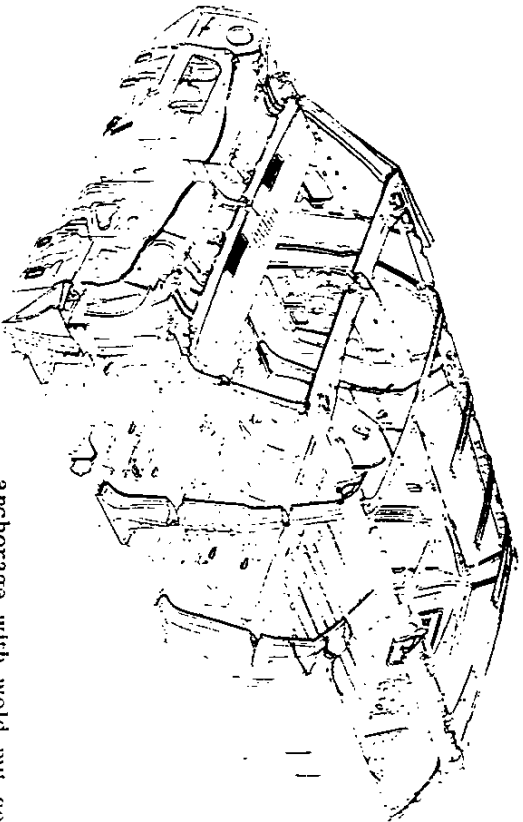
As with the entire passenger car line for 1966, the windshield's sandwiched plastic film is doubled in thickness. In manufacture, the adhesion characteristics of the plastic are controlled so that under stress conditions, the film has a greater capacity to resist rupture.

Door locks are improved with stronger forks on the lock mechanism. A new flange located on the top of the fork and an increase in the length of the top tine of the fork combine to increase the capability of the lock under extreme load situations.

Dual rear seat belts are added as standard equipment for all Chevelle models. The new belts utilize the channel type



FOUR-DOOR SEDAN BODY



FOUR-DOOR STATION WAGON BODY

anchorage with weld nut solidly welded to the underbody.

While the basic heater is continued from 1965, new controls and changes to the defroster greatly improve heater performance. A new defroster duct and lowered openings in the top of the new instrument panel give an improved defrost pattern.

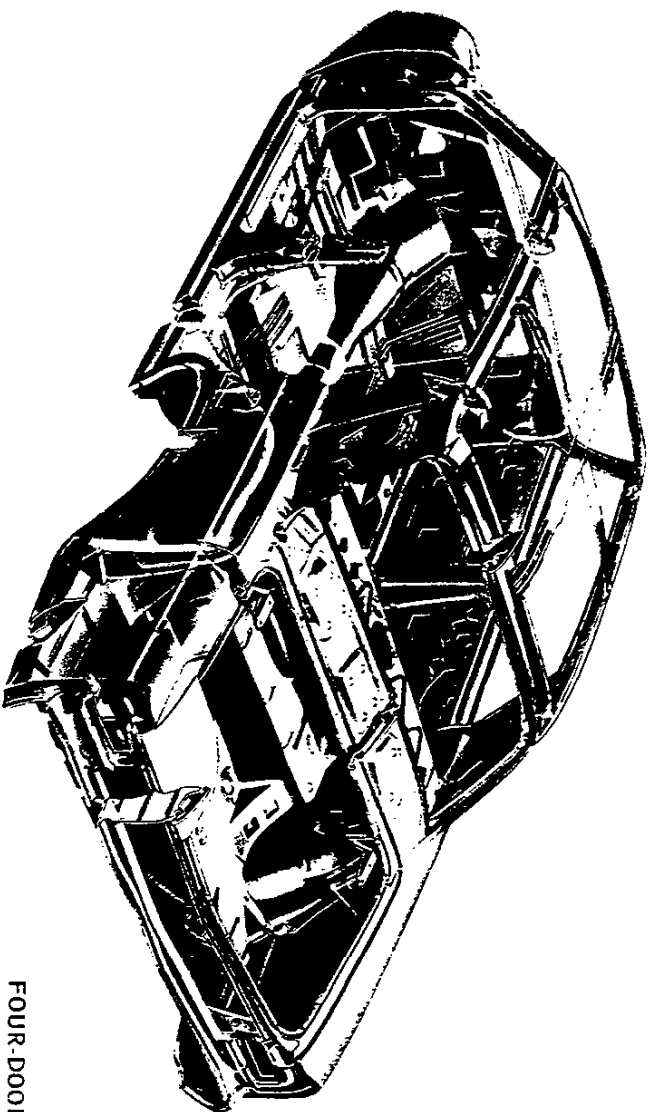
New horizontally operating heater controls are centrally located in the new instrument panel for easier operation by driver or passenger. The control panel is clearly marked so that position of the control levers can be easily determined.

NEW HEATER CONTROLS



C H E V E L L E

Body and Sheet Metal



FOUR-DOOR SPORT SEDAN BODY

Body outer panels and sheet metal are, in general, completely new for 1966. Included among the many body improvements are improved roof construction for sedans and coupes, a new convertible top, new thicker windshield and more rigid front fender skirts. While overall length and width are increased slightly, package size and roomy interior dimensions are generally retained.

The popular Four-Door Sport Sedan body style is introduced to enhance the Chevrolet model line up. Of special interest is the

new sport coupe roof with its attractively recessed rear window. This new roof configuration presents a low, sloping silhouette and yet retains the advantages of a moderately sloped rear window glass.

As with the full size Chevrolet, the Chevrolet closed body styles, except for the station wagon, use "cross-bow" roof construction for improved roof panel support and increased "greenhouse" structural strength. In effect, the roof area is divided into quadrants with the crossed

roof bows welded to the mid-points of side rails and front and rear headers. Station wagon bodies have four transverse roof bows to support the roof panel.

A new top is used for convertible models with the rear plastic window being similar in styling to the regular passenger car convertible. Continued features for Chevrolet convertible tops include stainless steel "drawstring" tensioning cables that improve top scuffing along side-rails and, introduced in 1965 on Chevrolet, Corvair and

Engines

With the introduction of the Super Sport 396 series, two new large displacement V-8 engines are made available in the Chevelle line. Featured as base equipment on the Super Sport models is the Turbo-Jet 396 V-8 engine rated at 325 horsepower. The other, also a Turbo-Jet 396, is available as HPO 134 and rated at 300 horsepower. Although exclusive to the Super Sport models in the regular Chevelle line, both Turbo-Jet engines are offered as Regular Production Options for El Camino (sedan pickup) models.

Power plants offered for all Chevelle models except Super Sport 396 continue to include base and optional 6-cylinder, as well as base and optional Turbo-Fire 283 and optional Turbo-Fire 327 assemblies. No output changes are made for 6-cylinder and Turbo-Fire 283 engines. Regular grade fuel, however, is recommended for the optional 220 horsepower 283 cubic inch V-8 engine. Output for the Turbo-Fire 327 is increased to 275 horsepower, from 250 horsepower.

With discontinuation of the Turbo-Fire 327 engines rated at 300 and 350 horse-

power, there are seven engines in the Chevelle lineup. These engines in combination with the various power trains offered make available 23 power teams.

The base equipment Turbo-Jet 396 is the same engine offered optionally for full size Chevrolet with certain revisions. Left and right side exhaust manifolds are typical Chevelle types with the exhaust pipe attachment toward the rear. A large dual exhaust system (diameter 2-1/2 inches) is used with reverse-flow mufflers and no resonators. Engine appearance is enhanced with chrome plated air cleaner cover, rocker covers, crankcase breather head and oil filler cap.

Exhaust system and chrome plate treatment for the optional 360 horsepower version are similar to the base engine. The air cleaner, however, is the Corvette type with full-circule breathing. The output increase, over the 325 horsepower version, is mainly gained by a new camshaft designed to give higher valve lift and longer "valve open" durations. Closed-positive engine ventilation and the high-performance cylinder block, incorporating 4-bolt main bearing caps, are also featured with this engine.

Improved cold operation and more complete warm-up are featured for 6-cylinder engines. The exhaust manifold heat valve is relocated forward of the exhaust outlet, where thermostat characteristics and actual engine operating conditions more accurately correspond. More positive cylinder head-to-block sealing is achieved for 6-cylinder engines through use of a new metal-reinforced synthetic rubber gasket. Water pump improvements for both 6-cylinder and V-8 engines and new automatic

choke for V-8's are included for Chevelle. These items are the same as described in the Chevrolet engine story. The simplified bronze fuel filter, simplified battery tray with bottom hold-down clamps and ignition switch with push-turn accessory position, are also featured for Chevelle models.

Transmissions

The all new 3 speed manual transmission, fully synchronized in all forward speeds, described in the Chevrolet section, is regular equipment for all Chevelle models except Super Sports. SS models feature the heavy-duty 3-speed unit, with a floor mounted shift lever. This heavy duty manual transmission is the same as that used with the full sized passenger car.

The new medium duty 4 speed manual transmission is offered for Chevelle models with 283 or 327 cubic inch V-8 engines. Features of this new transmission are outlined in the Chevrolet section.

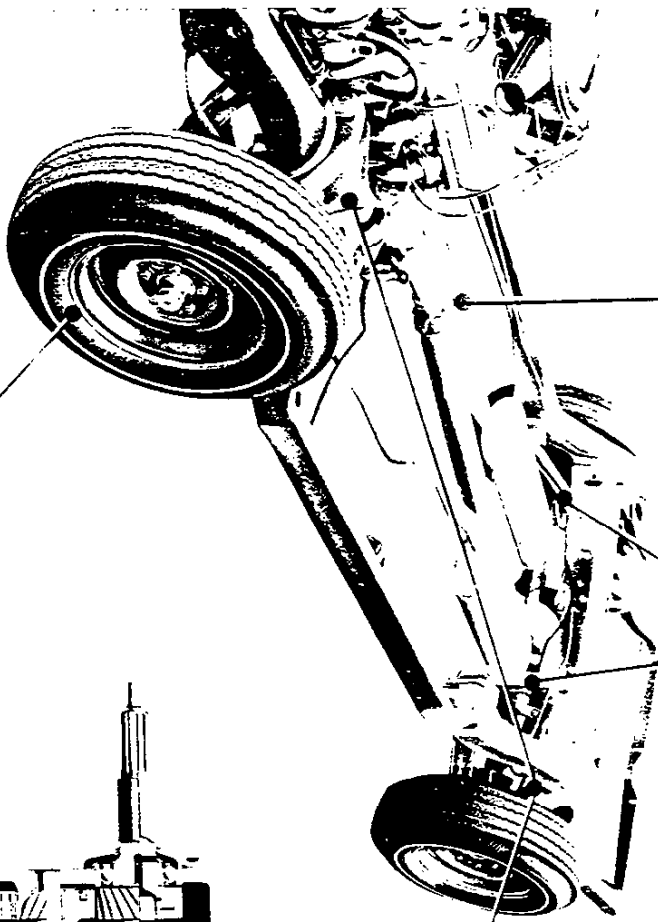
The smooth, efficient Powerglide automatic transmission is available for all Chevelle models. Liquid cooling is again featured for V-8 applications and, as introduced in mid-season 1965, with the optional 230 cubic inch six cylinder engine. When used with the 194 cubic inch six, Powerglide is air cooled.

The improved heavier duty 4 speed manual transmission, as described in the regular passenger car section, is available exclusively for Super Sport models.

As with the regular passenger car, overdrive is based on the new 3 speed regular production unit and shares the many features of this new transmission.

Power Trains

COMPRESSOR RATIO	PULLEY	ADMISSION		MODEL APPLICATION	STANDARD AXLE RATIO
		3-Speed	Overdrive		
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except Station Wagons and SS 396	3.08-10-1
		Overdrive	Overdrive	Station Wagons	3.36-10-1
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except SS 396	3.70-10-1
		Overdrive	Overdrive	All except SS 396	3.08-10-1
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except SS 396	3.70-10-1
		Overdrive	Overdrive	All except SS 396	3.08-10-1
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except SS 396	3.08-10-1
		Overdrive	Overdrive	All except SS 396	3.70-10-1
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except SS 396	3.08-10-1
		Overdrive	Overdrive	All except SS 396	3.70-10-1
1.8-10-1	1 Band Composites	3-Speed	Overdrive	All except SS 396	3.08-10-1
		Overdrive	Overdrive	All except SS 396	3.70-10-1

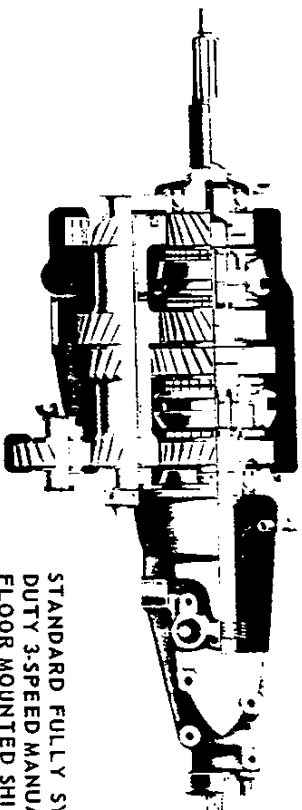


DUAL EXHAUST SYSTEM

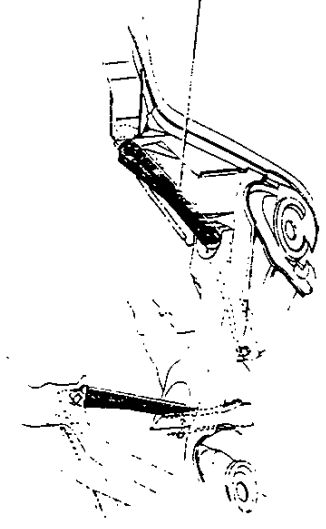
SPECIAL FRAME REINFORCEMENTS

RED STRIPE "NF NYLON" TIRES ON WIDE BASE WHEELS

HIGH RATE SPRINGS AND SHOCK ABSORBERS WITH HEAVY DUTY VALVING

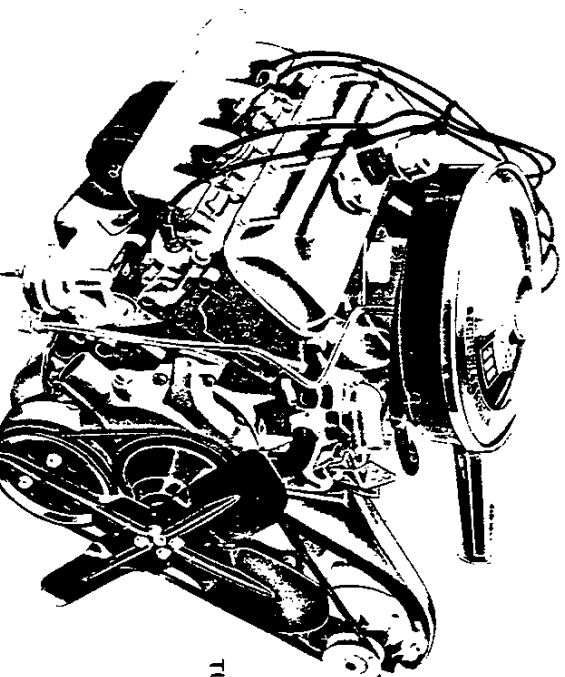


STANDARD FULLY SYNCHRONIZED HEAVY-DUTY 3-SPEED MANUAL TRANSMISSION WITH FLOOR MOUNTED SHIFT CONTROLS

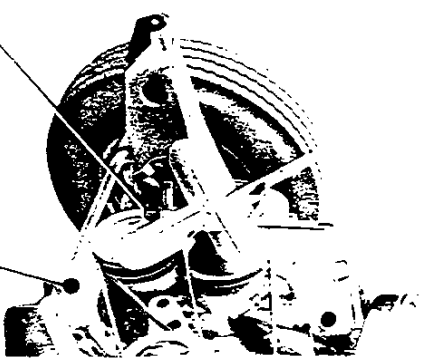


C H E V R O L E T

Mechanical Features



STANDARD 325 HP
TURBO-JET 396 V-8 ENGINE



BALL JOINTS WITH
SHOT PEENED STUDS

LARGER DIAMETER
FRONT STABILIZER

Super Sport 396, in addition to its "business like" appearance, has superb performance capability as a road car. It comes equipped with 325 HP Turbo-Jet 396 V-8 engine, a fully synchronized 3-speed heavy duty manual transmission and a heavy duty rear axle. Chassis components are designed to complement the potential of available power teams.

In addition to the base 325 HP engine, a 360 HP version is offered. Engines are "dressed" with chrome plated air cleaner, rocker covers and oil filler cap. A dual exhaust system is base.

Optional transmission selections include "street" 4-speed and Powerglide for the standard engine. Two 4-speeds (street and close ratios) and Powerglide are offered with the 360 HP Turbo-Jet. All manual transmissions have floor shift control. The Powerglide shift lever is floor mounted with the optional console; otherwise it is located on the steering column.

Axles have the sturdier differential carrier with the larger 8.875 inch diameter ring gear. The standard axle ratio for the base engine is 3.31:1. Optional ratios include 3.55:1, 3.73:1 and 4.10:1.

The axle ratio standard with the 360 HP engine is 3.73:1. Extra-cost ratios for the 3 speed, Powerglide and street-type 4 speed are 3.31:1, 3.55:1 and 4.10:1. When the close ratio 4-speed is used, 3.31:1,

3.55:1, 4.10:1, 4.56:1, and 4.88:1 can be specified. The latter three of these are Positraction units; other axles also can be ordered with Positraction.

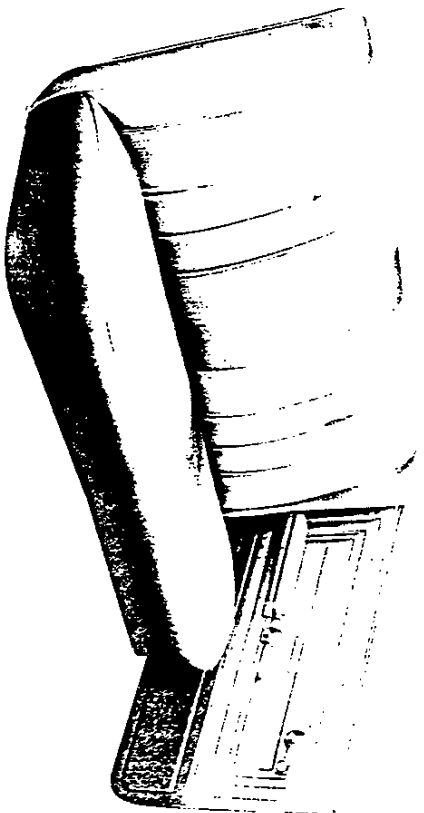
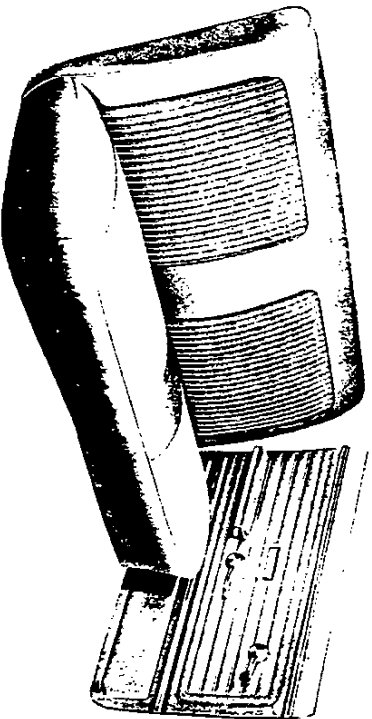
Chassis refinements include recalibrated shock absorbers complementing higher rate springs, a larger diameter front stabilizer, and special ball joints. A frame reinforcement between each rear upper and lower control arm pivot point provides greater strength and rigidity. Also contributing to improve ride and handling are red-stripe styled 7.75 x 14 "NF NYLON" tires on wide base wheels (14 x 6).

Bucket seats are available optionally, with or without a center console. A special instrumentation package includes tachometer, parking brake warning lamp, and gauges in place of the temperature, oil pressure and generator warning lamps.

MALIBU

Cloth and vinyl seat trim for the Sport Coupe and Sedan models includes side and center panels of textured vinyl, and cloth insert panels carrying a miniature diamond pattern. The all-vinyl seat trim for the station wagon and convertible and the optional black vinyl trim available for the Sport Coupe and Sport Sedan are styled similar to that of the SS 396. Sidewall styling is also shared with the SS 396 series. Passenger compartment floor covering for all Malibu models is deep-twist carpet.

Four interior colors are available for pillar sedans and station wagon models. A choice of five colors, including the optional black vinyl trim, is provided for Sport Sedan and Sport Coupe models. Six interiors are available for the Convertible.

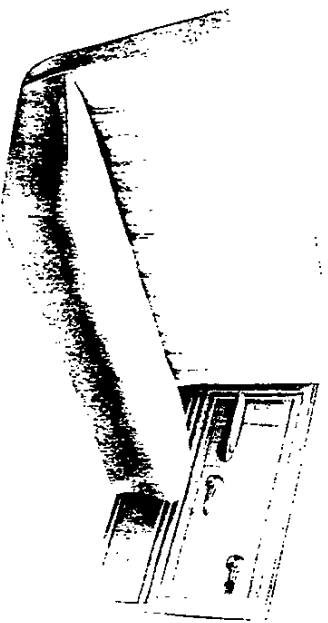


CHEVELLE 300 DELUXE

Three colors are obtainable for the sedan cloth and vinyl and the station wagon all-vinyl interiors. The embossed vinyl sidewall features a bright "300 Deluxe" emblem, and armrests styled similar to those of Malibu models. Seat trim for sedans has grained vinyl top, center, and side panels, with seat and backrest inserts of pattern cloth. For the station wagon, the cloth inserts are replaced by an attractive pattern vinyl. Passenger compartment floor covering is vinyl coated rubber, keyed to the interior trim color.

CHEVELLE 300

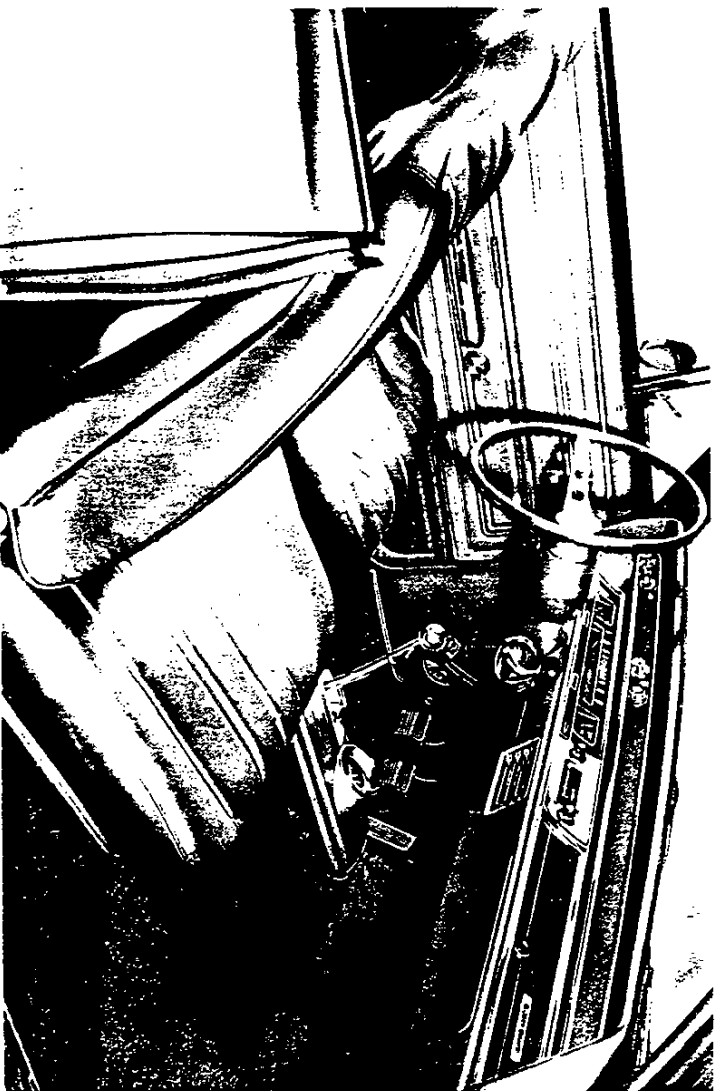
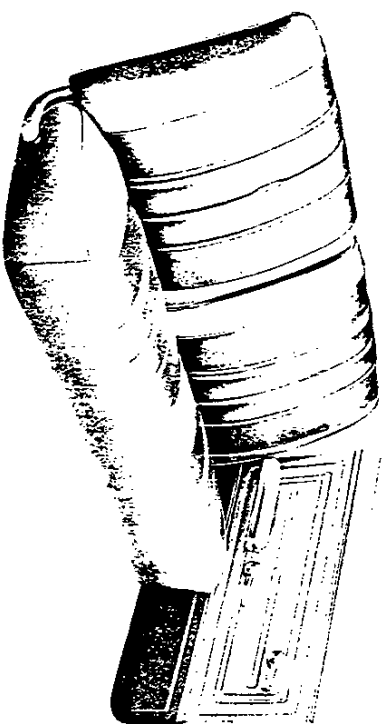
The cloth and vinyl interior for the Chevelle 300 is available in three colors. Seats feature an attractive pattern cloth, with solid color center and side panels woven into the fabric. Seat facings and embossed sidewalls are vinyl. Front door armrests have color-keyed bases. Floor covering is black rubber.



C H E V E L L E

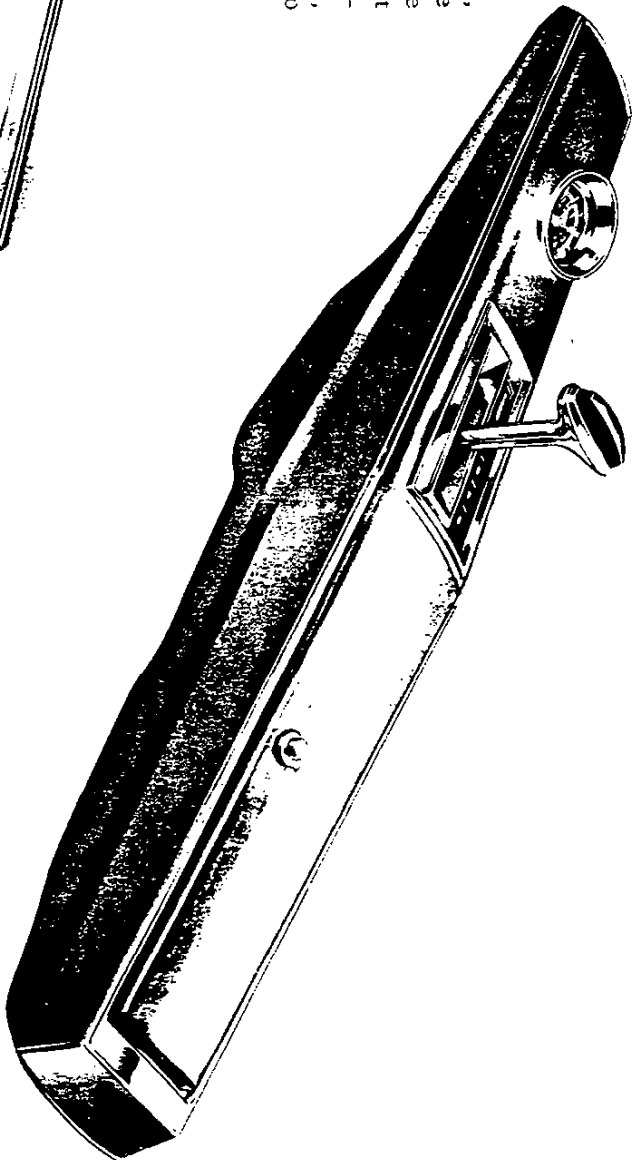
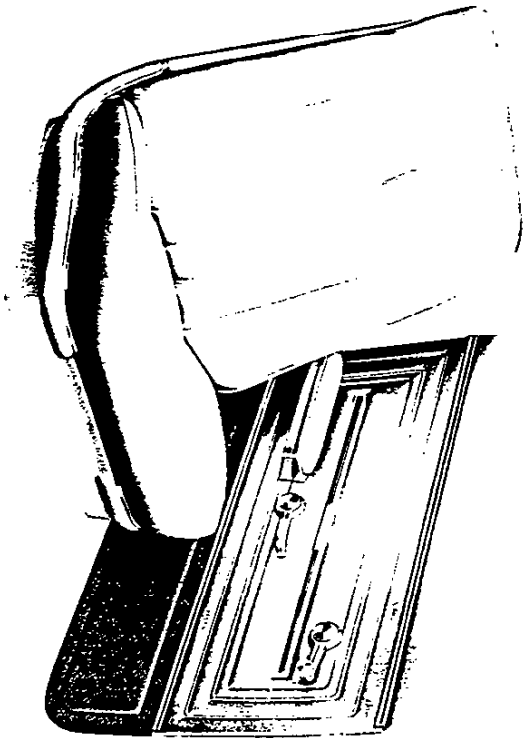
SUPER SPORT 396

An all-vinyl interior with bench type front seat is offered in seven colors for the Chevelle SS 396 Series. Attractive sidewall styling combines embossed vinyl, bright ornament, and black and bright horizontal accent bar. Passenger compartment floor covering is deep-twist carpet.



Optional center floor console, special instrumentation package including tachometer and special steering wheel are in keeping with the sports character of the new SS 396 series. Deluxe features available for all the 1966 Chevrolet lines include seat belts for front and rear seats, padded vinyl sunshades, and an instrument panel pad.

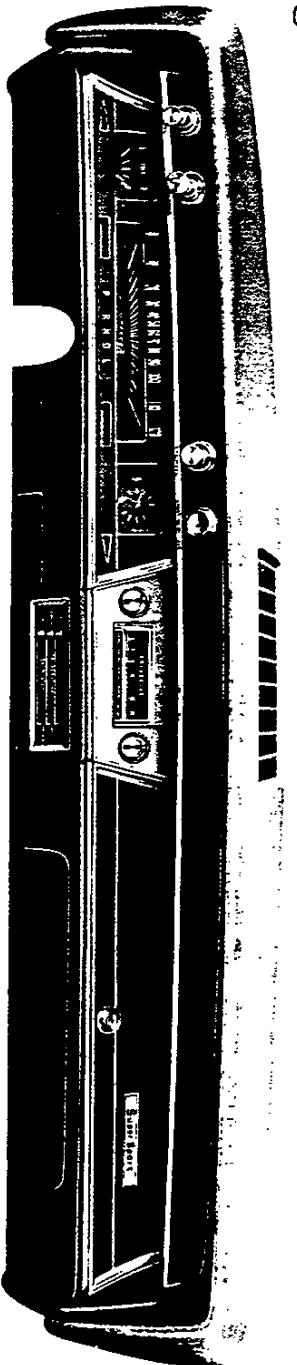
An optional center console with floor shift, clock, and stowage compartment is available for Super Sport 396 and Malibu Sport Coupe and Convertible models, when bucket front seats and Powerglide or 4-speed transmissions are specified. For the Super Sport 396, a 3-speed floor shift with console is also available.



Optional "Strato-bucket" front seats are available for the SS 396 and Malibu Sport Coupe and Convertible. Bucket seat styling features a slender profile, high backrest, and vertical stitching on backrest and seat panels. This new seat is available in six colors.

C H E V E L L E

Interiors



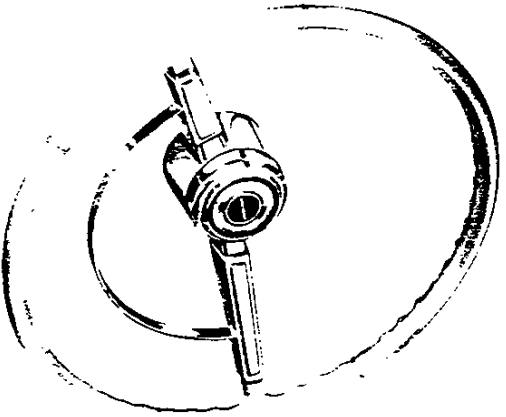
The instrument panel for Chevelle is completely new and features a full-width recess, housing instrument cluster and radio provision. Bright control knobs, ignition switch, and cigarette lighter are located in the slender panel above the recess. The ignition switch is new and incorporates a push-turn gate to prevent accidentally turning to the accessory position. An instrument panel pad is standard equipment for all 1966 Chevelle models.

The instrument cluster is black for all models, and conveniently groups all instruments and warning lamps. Vehicles equipped with a Powerglide transmission and column mounted shift include the shift quadrant as part of the instrument cluster.

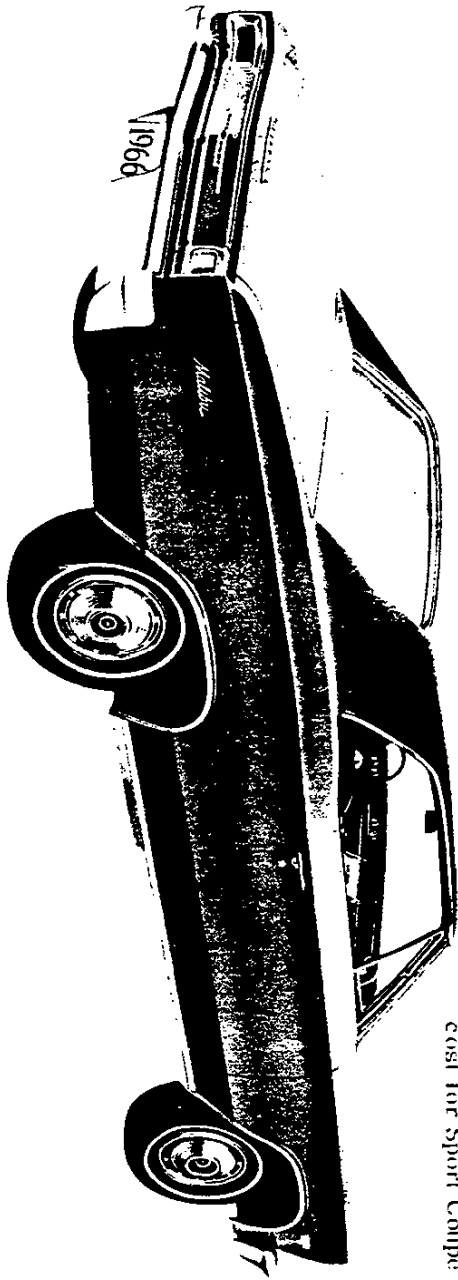
Distinctive trim for the Super Sport and Malibu instrument panel

includes a black plastic right side trim plate with a "Super Sport" or "Malibu" emblem respectively. A black crinkle finished molding decorates the narrow panel at the top of the instrument panel for these models. The 300 Deluxe series has a bright strip molding along the lower edge of the panel.

A special instrumentation package is available for the Super Sport 396 series and the Sport Coupe and Convertible models in the Malibu series. The extra-cost package includes water temperature and oil pressure gauges in the right instrument cluster bezel, and fuel gauge and ammeter in the left bezel. A tachometer is also included as part of the instrumentation package for V-8 engine equipped models.



The steering wheel, including horn ring and central emblem is completely new for 300 Deluxe, Malibu, and Super Sport 396 models. Bright trim rings on the wheel rim are a special Malibu and SS 396 styling feature. The Chevelle 300 series retains the previous steering wheel and horn button.



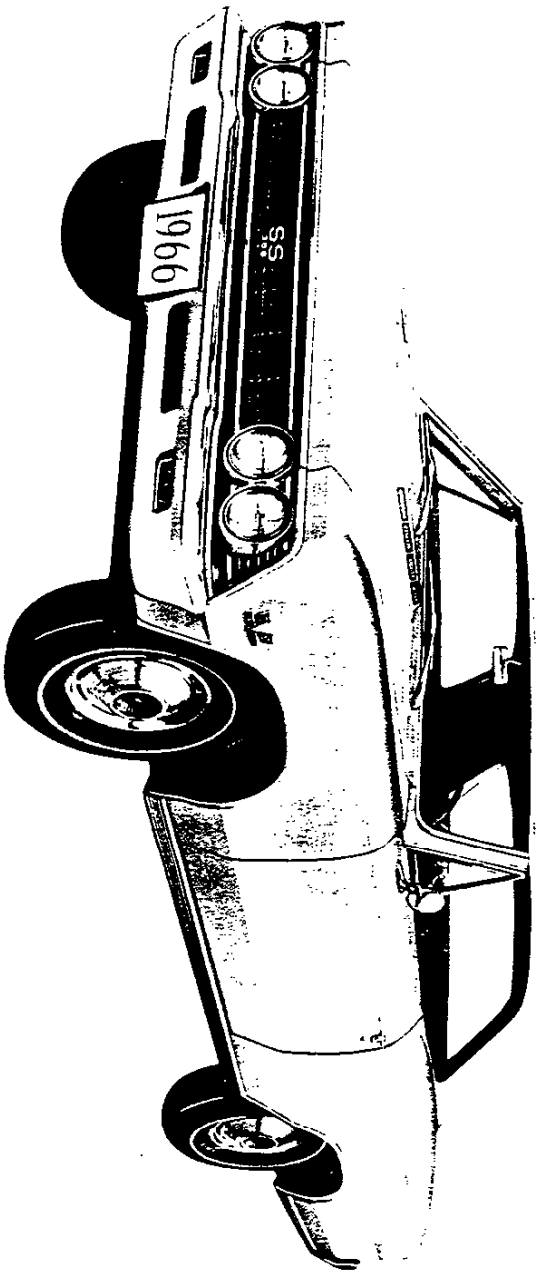
Curved body contours and the graceful slope of the rear quarter panel and deck lid are highlights of the newly styled Chevelle line. Up to fifteen exterior colors and seven two-tone combinations are available. Six colors are new for 1966. A vinyl top, in black or beige, is available at extra cost for Sport Coupe models.

Three new roof lines are offered for the Chevelle line. Shown here are the crisp roof styling of the new Malibu 4-door Sport Sedan and the Sport Coupe. Sedan models also have a new roof treatment.

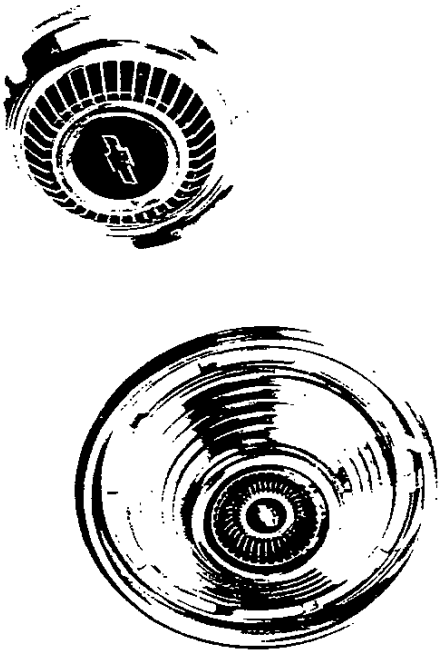


C H E V E L L E

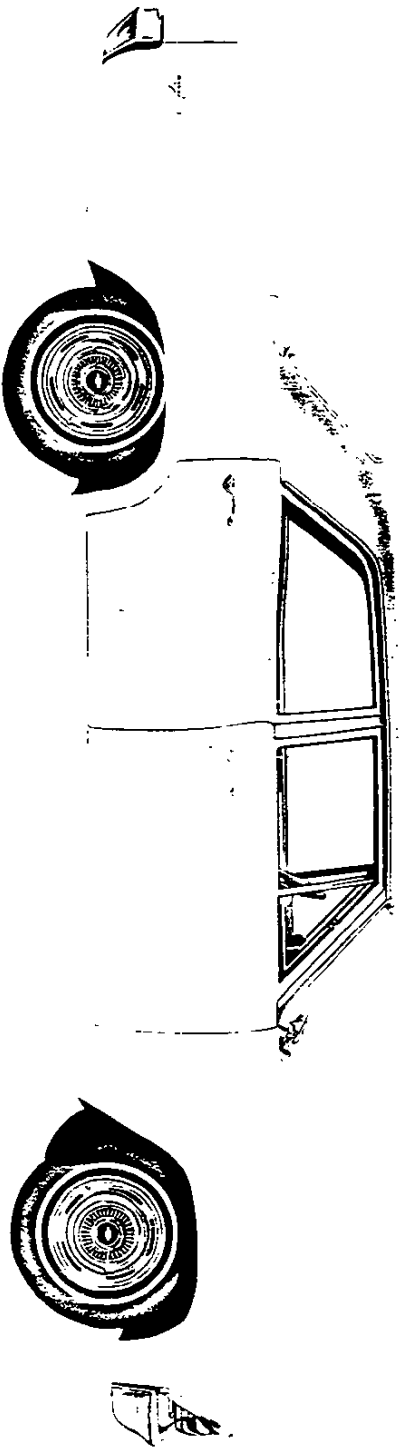
Styling



Dual headlamps are recessed into the new wrap-around radiator grille. Parking lamps are located in the new bumper. Grille styling for 300, 300 Deluxe, and Malibu models features bright grille bars, with a Chevelle emblem at the center. The Super Sport 396 grille is painted black on all except top and bottom grille bars, and has an SS 396 emblem at the center. In place of the Chevelle emblem, Malibu and Super Sport models have a hood windsplit ornament. The hood with twin simulated air scoops, shown here, is distinctive to the SS 396 series.

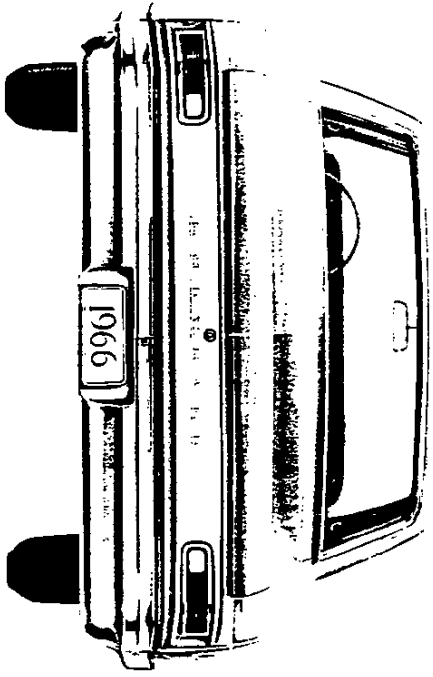


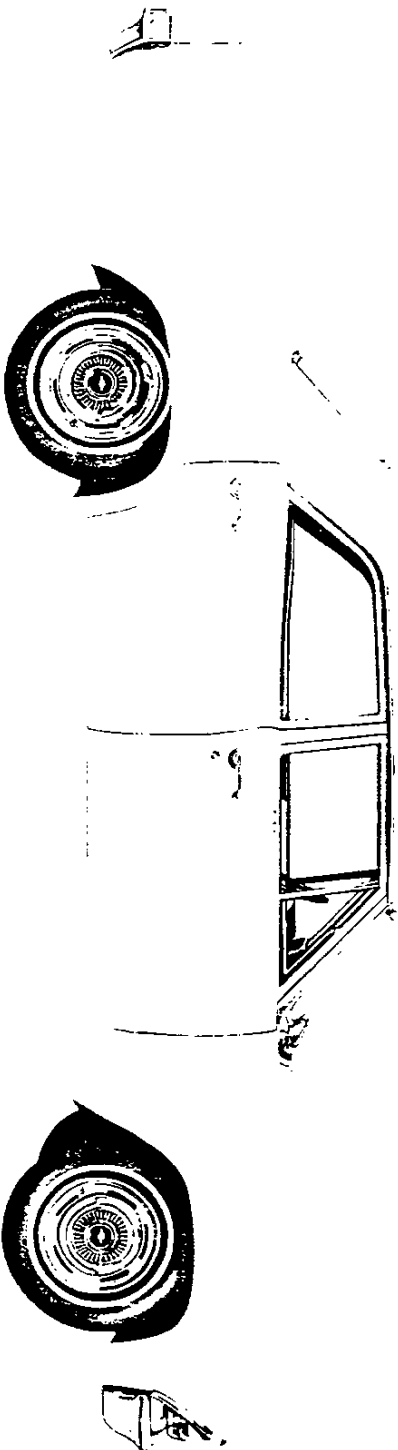
Dark gray palm accents the area between radial ribs of the new Chevelle hub cap. The optional wheel trim cover is newly styled, and has an attractive center emblem displaying the Chevrolet trademark.



CHEVELLE 300

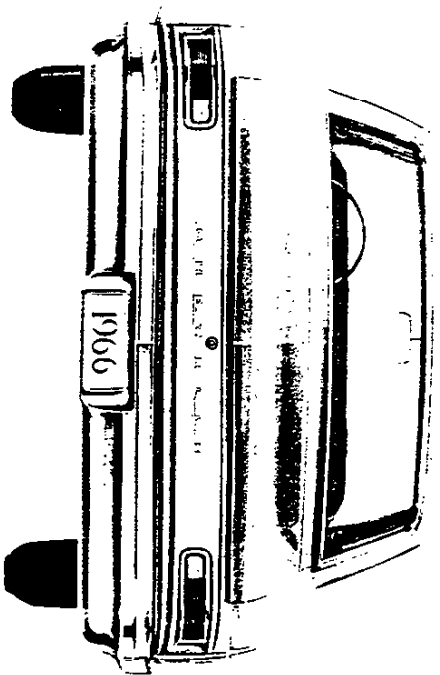
A new nameplate decorates the Chevelle 300 rear quarter panel. Bright ventipane frames, and windshield and rear window reveal moldings highlight the Chevelle economy series. Rear end treatment is identical to that of the 300 Deluxe series, including back-up lamps as part of the rear light assembly.

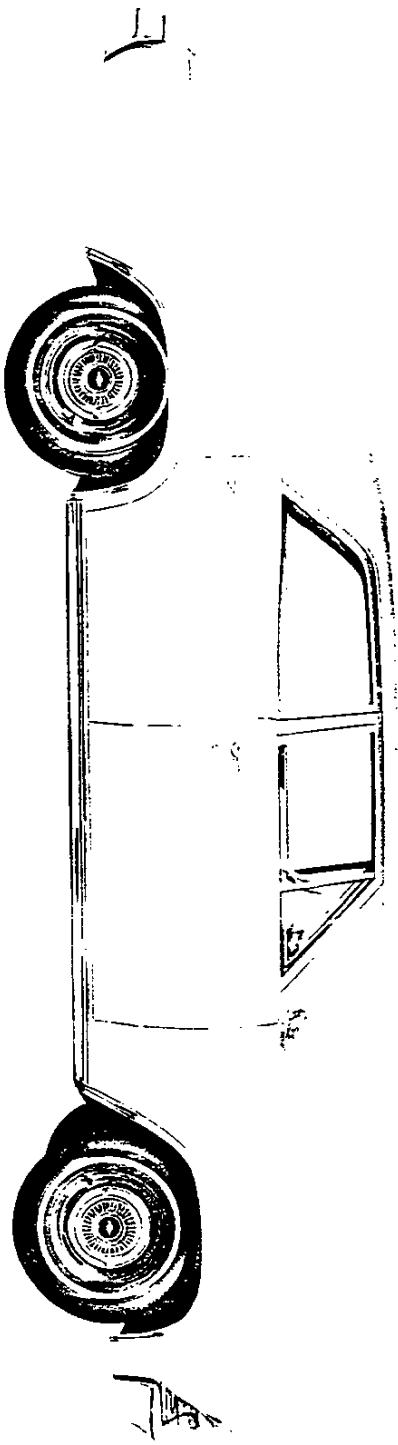




CHEVELLE 300 DELUXE

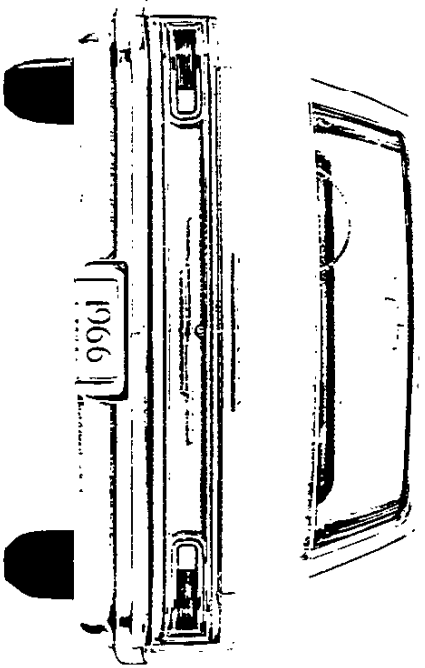
Exterior ornamentation includes a slender body side molding, extending the full length of the car, and a new rear quarter series nameplate. Rear styling for sedan models features bright tail light bezels and a "Chevelle" nameplate, in block letters, centered on the cove. The station wagon tailgate is decorated with a "Chevelle" nameplate and slender emblem. Station wagon tail lights are similar to those of the Malibu series.





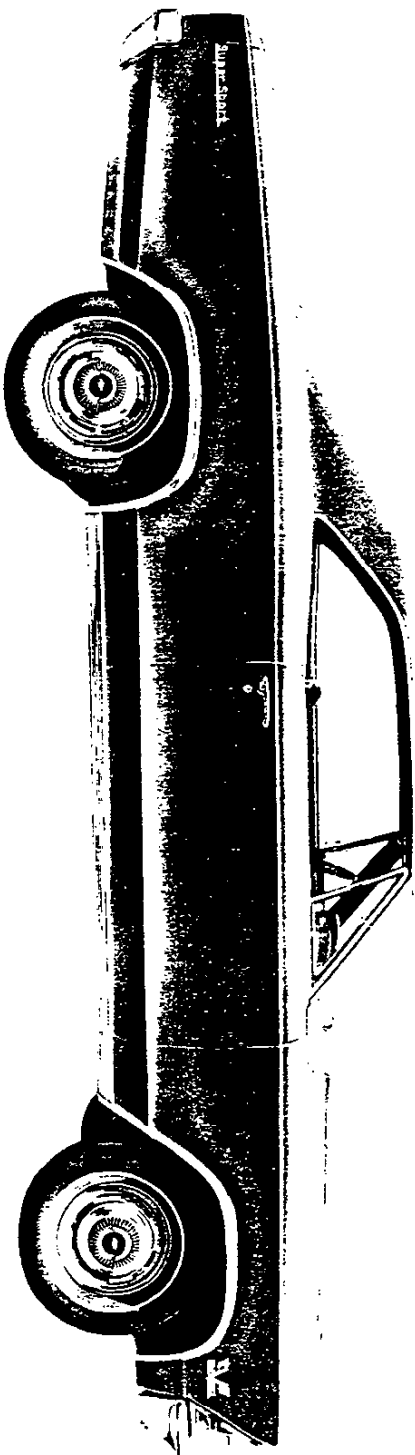
MALIBU

Special trim for the Malibu includes front and rear wheel opening moldings, bright sill molding, roof drip gutter molding, and rear quarter nameplate. A die-cast ornament mounts on the hood windspliff. Except for the station wagon model, rear end styling features a rear cove perimeter molding, a slender cove emblem, and a "Chevelle" nameplate on the deck lid. Station wagon rear styling includes a "Chevelle" nameplate and a full-width ribbed molding with integral emblem. Tail lights for the station wagon are vertically styled. Standard back-up lights mount in the rear light assembly for all Malibu models.



C H E V E L L E

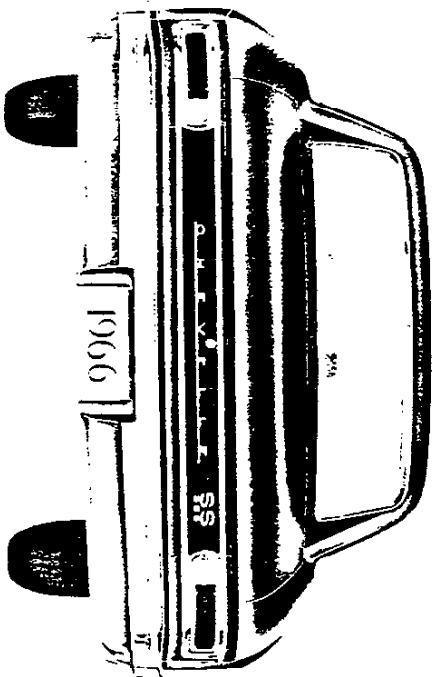
Series Identification

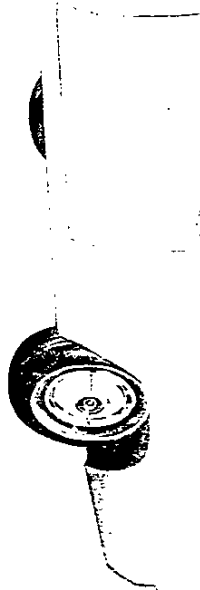
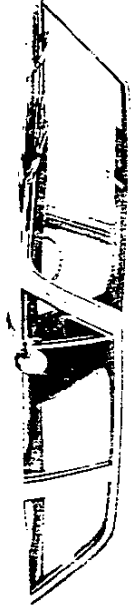
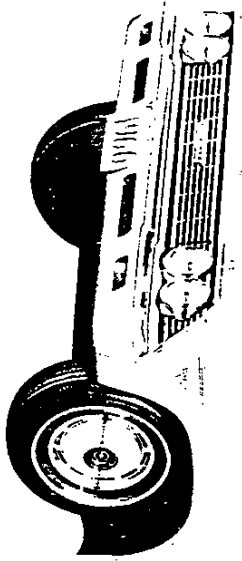
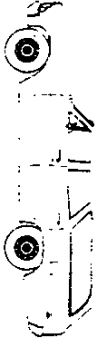
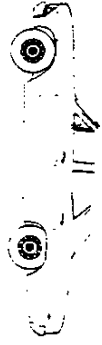


SUPER SPORT 396

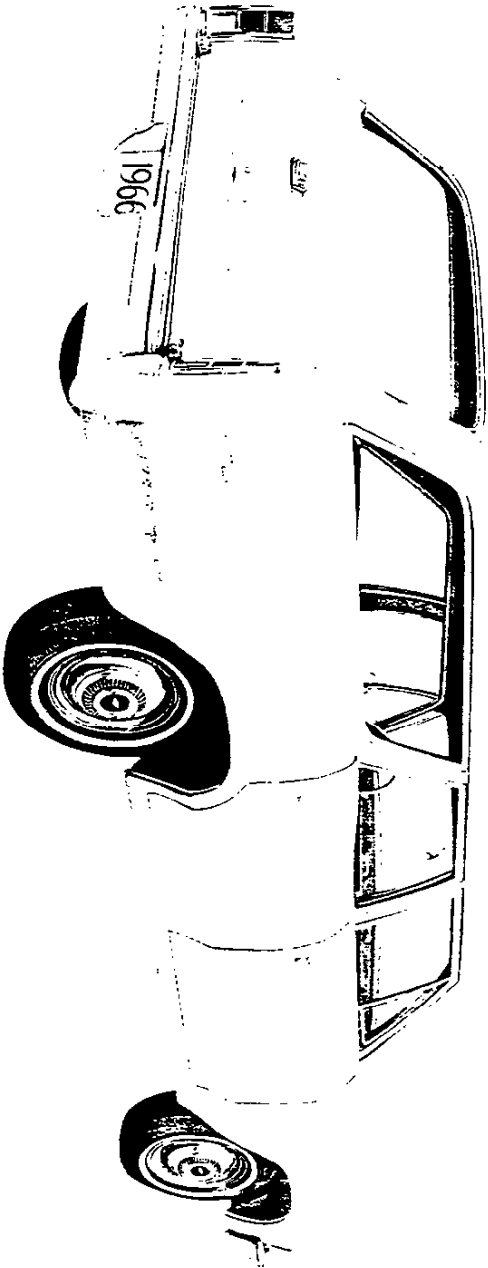
The all-new styling of the Chevelle is richly accented in the SS 396 series. Wheel opening moldings, ribbed sill and rear quarter lower moldings having a black patina fill treatment, series nameplate, and engine identification emblem decorate the vehicle profile. Hub caps and body color wheels are standard equipment on all 1966 Chevelle models. SS 396 hood styling features twin simulated air scoops and a hood windsplit ornament.

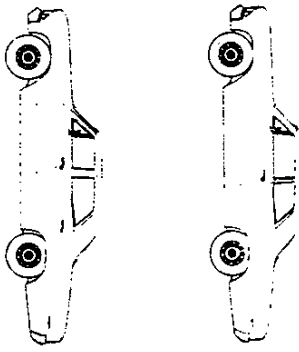
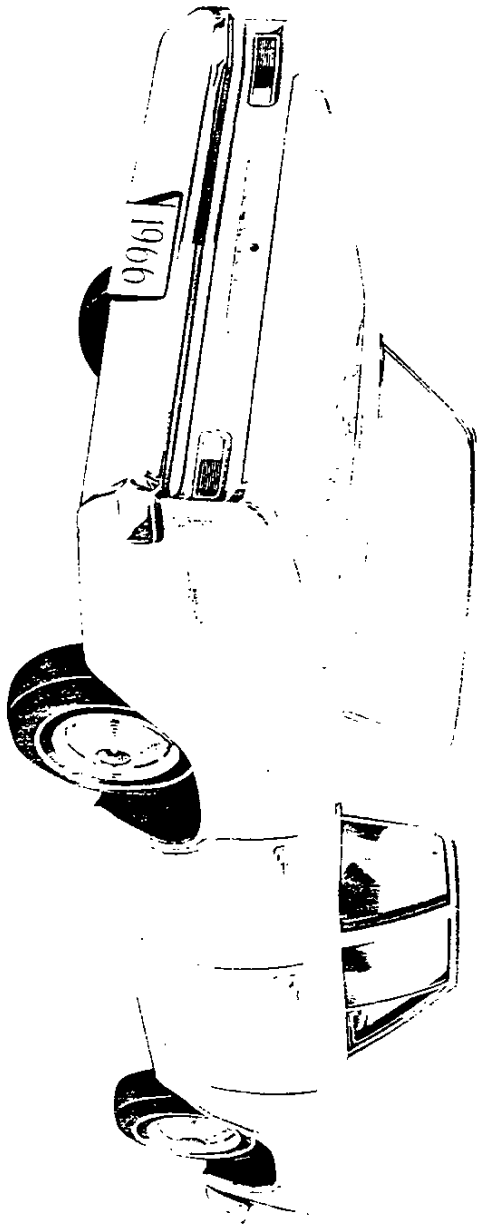
Tail and back-up lights with curved-horizontal styling are housed in a common bezel that blends into the rear quarter. The rear cove, framed in bright metal, carries a "Chevelle" nameplate in block letters at the center and an "SS 396" emblem at the right side.



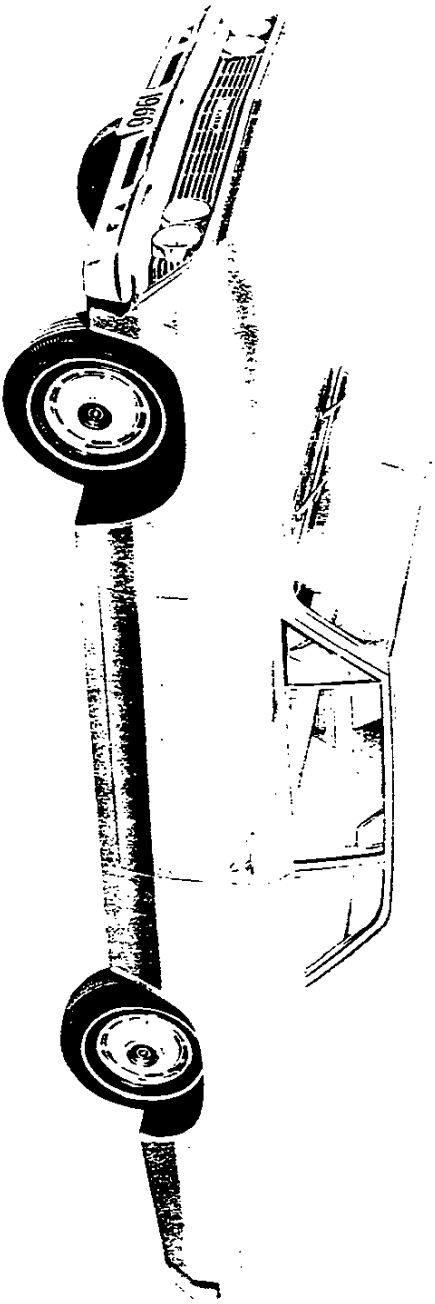


CHEVELLE 300 DELUXE

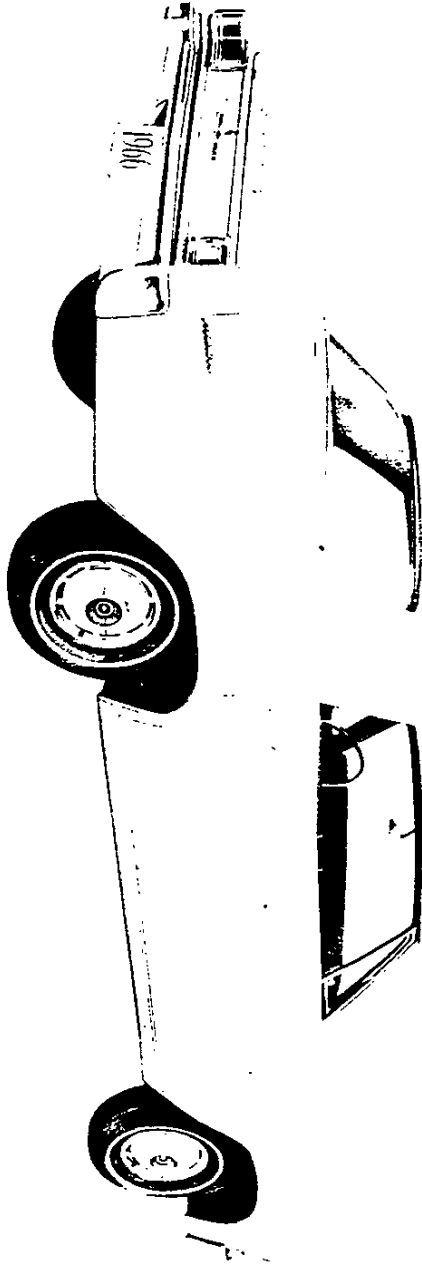
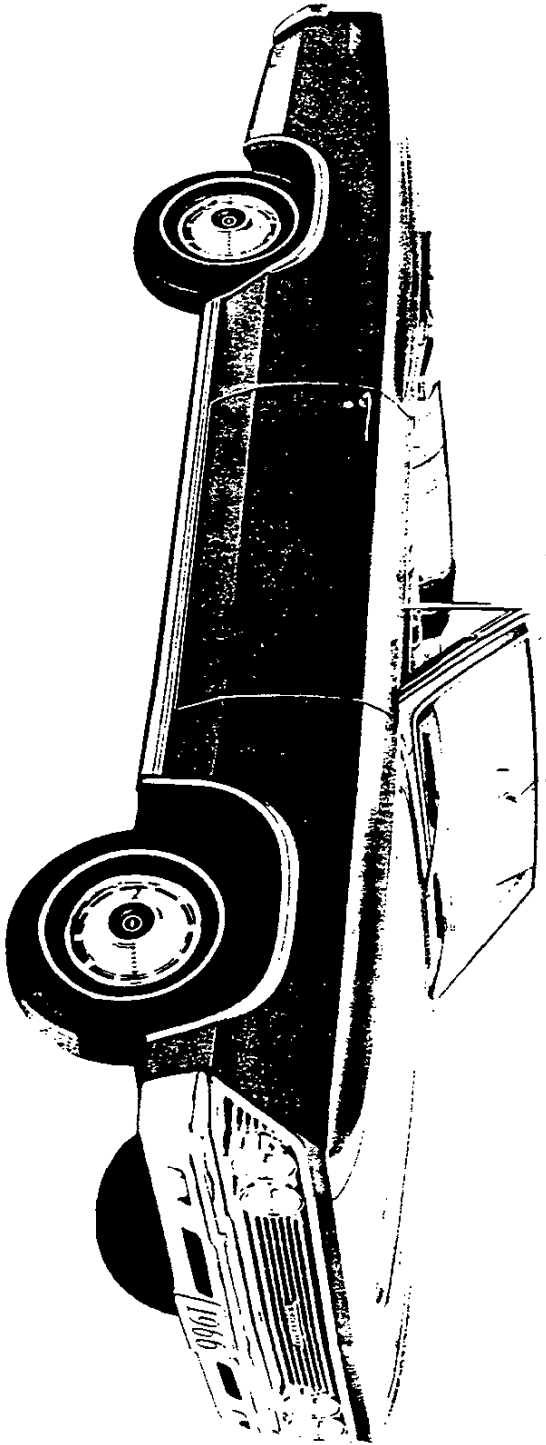




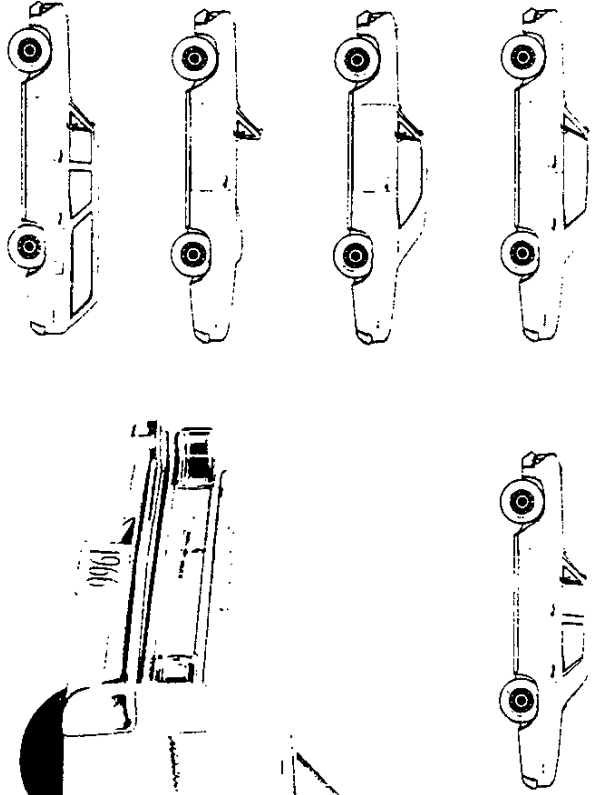
CHEVELLE 300



C H E V E L L E

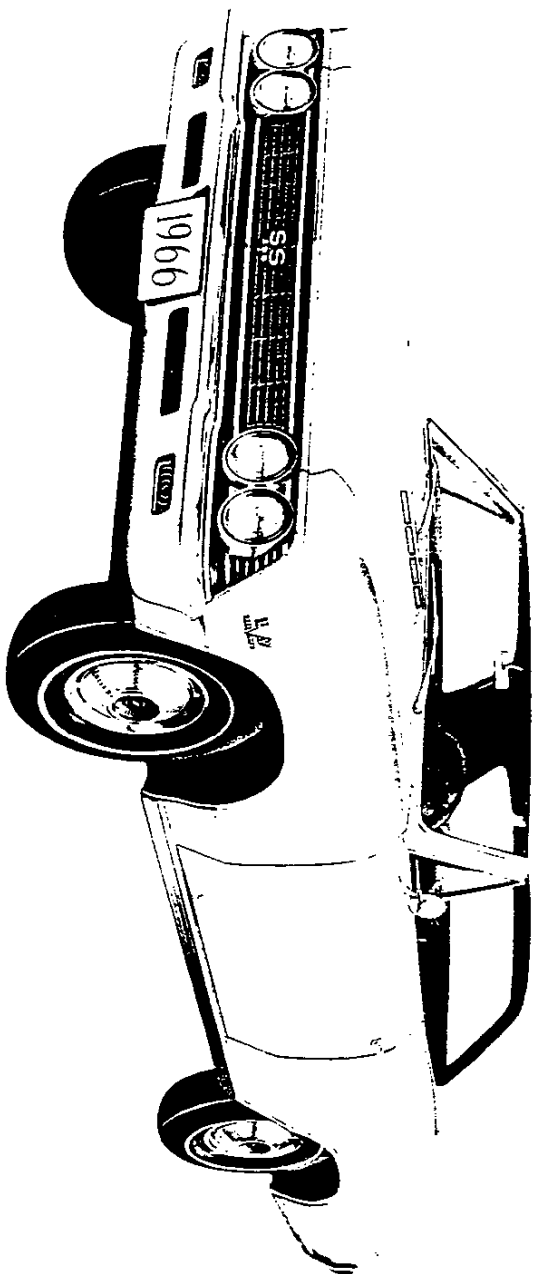


MALIBU

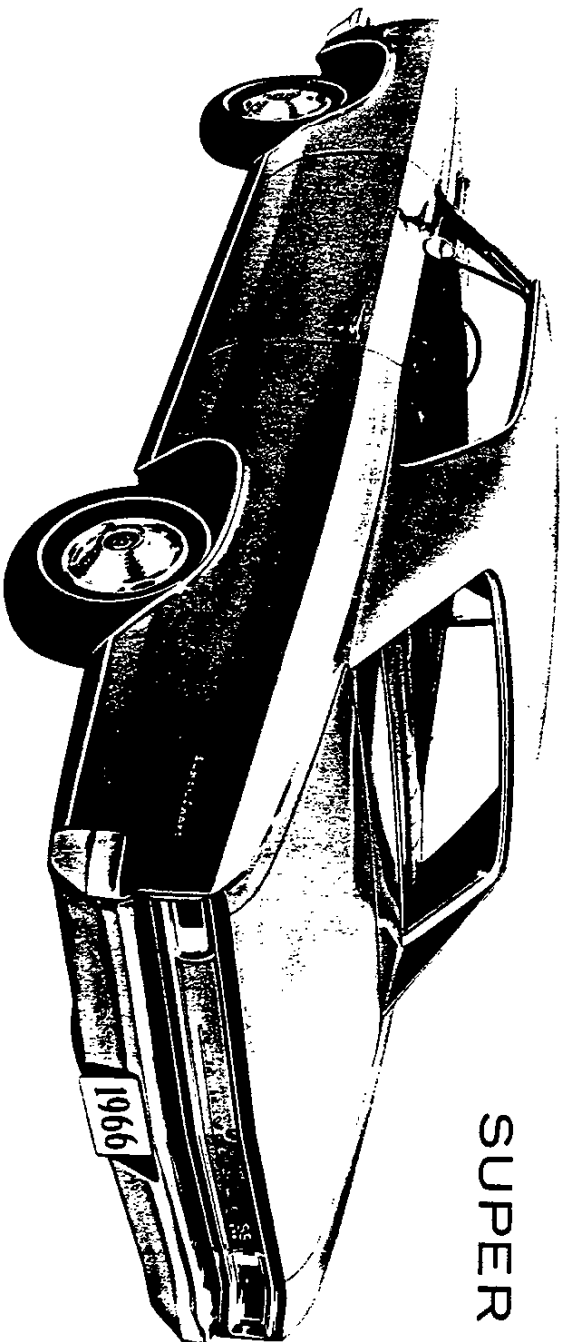


C H E V R O L E T

Series and Models



SUPER SPORT 396



STYLING FEATURES

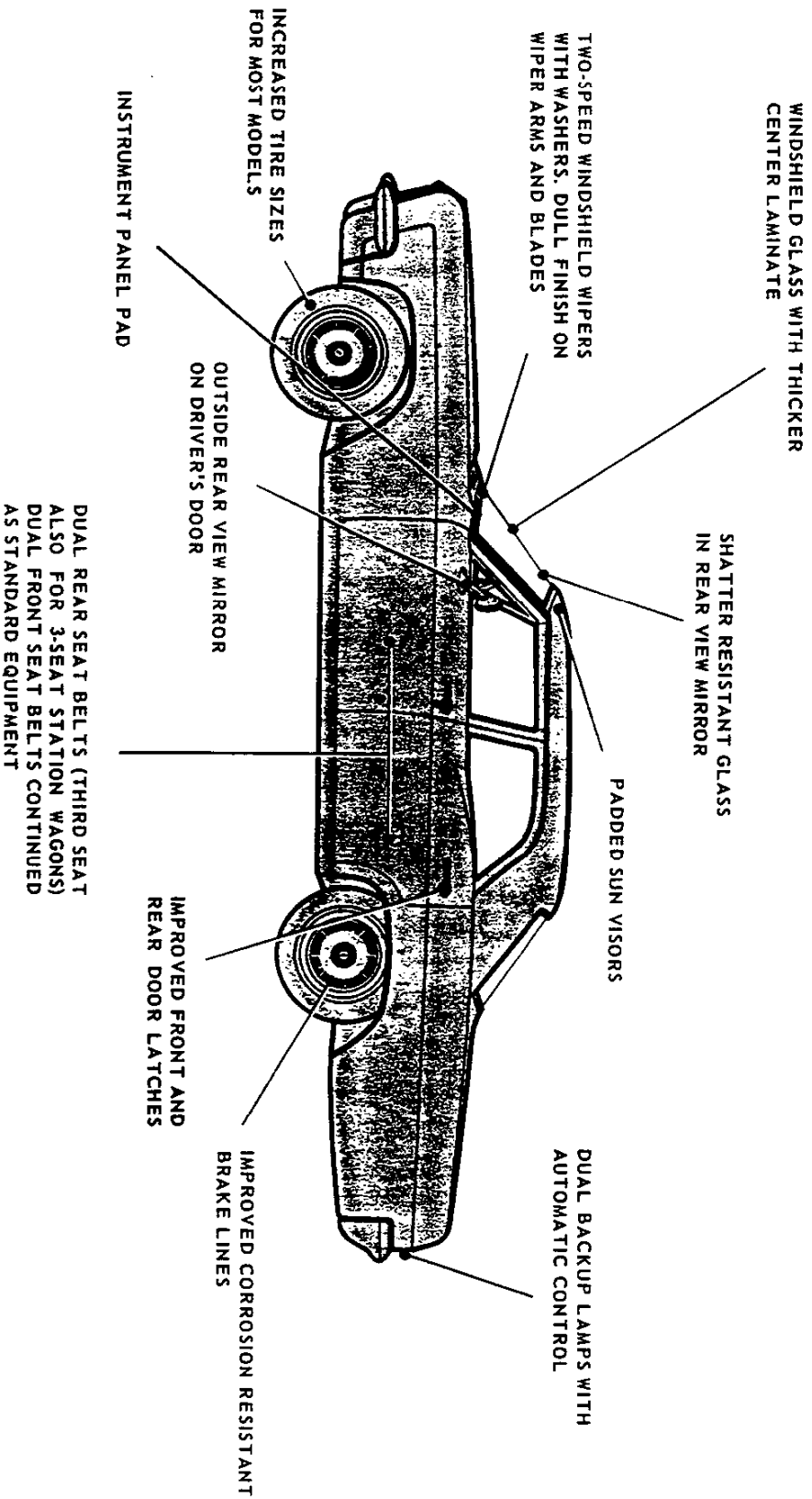
Series and Models . . . . .	. 48
Series Identification . . . . .	. 52
Styling . . . . .	. 56

MECHANICAL FEATURES

Power Trains . . . . .	. 64
Body and Sheet Metal . . . . .	. 66
Chassis . . . . .	. 68

Model	2-Door Sedan	4-Door Sedan	2-Door Sport Coupe	4-Door Sport Sedan	2-Door Convertible	4-Door Station Wagon 2-Seat
MINI COOPER	13311-411	13539-669	13817	13539-639	13867	13535-635
MINI COOPER S	13111-211	13191-269	13517-617			13335-435

Designed to enhance occupant comfort, convenience and security, a comprehensive group of new features is standard throughout all Chevrolet passenger car lines.



CHEVELLE COLOR & TRIM CHART

INTERIOR TRIM CODES		EXTERIOR COLORS																								
The following code must be shown on the order form for the desired interior trim: B—BLUE D—RED E—BLACK F—FAWN L—OPTIONAL BLACK VINYL R—BRIGHT BLUE S—WHITE/BLACK T—TURQUOISE V—OPTIONAL FAWN VINYL Z—BRONZE		Solid										Two-Tone														
		Tuxedo Black	Ermine White	Mist Blue (Med)	Danube Blue (Dk)	Marina Blue (Brt)	Willow Green (Med)	Artesian Turquoise (Med)	Tropic Turquoise (Dk)	Aztec Bronze	Madeira Maroon	Regal Red	Sandalwood Tan	Cameo Beige	Chat au Slate	Lenonwood Yellow	Ermine White/Artesian Turq	Mist Blue/Ermine White	Mist Blue/Danube Blue	Tropic Turq/Ermine White	Madeira Maroon/Tuxedo Black	Sandalwood Tan/Cameo Beige	Chateau Slate/Tuxedo Black			
MODELS	Int. Trim & RPO	Exterior Code	AA	CC	DD	EE	FF	HH	KK	LL	MM	NN	RR	TT	VV	WW	YY	CK	DC	DE	LC	NA	TV	WA		
SUPER SPORT 396 w/Std Seats Convertibles 13867 Sport Coupes 13817	V I N Y L	Fawn	709	F	F						F	F		F	F									F		
		White/Black	798	S	S	S		S	S	S			S	S			S	S								
		Red	747	D	D									D	D											
		Turquoise	776	T	T						T	T														
		Bronze	787	Z	Z								Z				Z									
		Black	761	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E						E	E
Bright Blue	732	R	R				R																			
SUPER SPORT 396 AND MALIBU w/Opt Front Bucket Seats—RPO A51 Convertibles 135-136-13867 Sport Coupes 135-136-13817	V I N Y L	Fawn	712	F	F						F	F		F	F									F		
		White/Black	797	S	S	S		S	S	S			S	S			S	S								
		Red	750	D	D									D	D											
		Bronze	790	Z	Z								Z				Z									
		Black	763	E	E	E	E	E	E	E	E		E	E	E	E	E	E	E						E	E
		Bright Blue	731	R	R				R																	
MALIBU w/Std Seats Sport Coupes 13517-13617 4-Door Sedans 13569-13669 Sport Sedan 13539-13639	C L O T H	Fawn	708	F	F	F	F		F	F	F	F	F	F	F	F								F		
		Turquoise	775	T	T						T	T												T	T	
		Red	746	D	D									D	D											
		Blue	728	B	B	B	B																	B	B	
		Black Vinyl* (Optional)	761	L	L	L	L	L	L	L	L		L	L	L	L	L	L								
Convertibles 13567-13667 4-Door 2-Seat Station Wagons 13535-13635	V I N Y L	Fawn	709	F	F	F	F		F	F	F	F	F	F	F	F								F		
		Turquoise	776	T	T						T	T												T	T	
		Red	747	D	D									D	D											
		Blue	729	B	B	B	B																	B	B	
		Black	761	E	E	E	E	E	E	E	E		E	E	E	E	E	E						E	E	
		Bronze	787	Z	Z								Z				Z									
300 DELUXE 2-Door Sedans 13311-13411 4-Door Sedans 13369-13469	C L O T H	Fawn	706	F	F			F	F	F	F	F	F	F	F									F		
		Blue	726	B	B	B	B																B	B		
		Red	744	D	D									D	D											
4-Door 2-Seat Station Wagons 13335-13435	V I N Y L	Fawn	707	F	F			F	F	F	F	F	F	F	F									F		
		Blue	727	B	B	B	B																B	B		
		Red	745	D	D									D	D											
300 SERIES All Models	C L O T H	Fawn	704	F	F			F	F	F	F	F	F	F	F									F		
		Blue	724	B	B	B	B																B	B		
		Red	742	D	D									D	D											
		Fawn Vinyl (Optional)	720	V	V				V	V	V	V	V	V	V	V									V	

* Available on sport coupes and sport sedans only. ▲ Available on convertibles only. ■ Available on Super Sport 396 only.

⊙ Optional Bucket-Type Bucket Seat must be specified separately on order form. See page 14 for ordering code and description.



4

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4

4



ADVANCE GENERAL INFORMATION

1966 PASSENGER CAR MODELS, EL CAMINO & SPORTVAN

REGULAR CHEVROLET

CHEVELLE

CHEVY II

CORVAIR

CORVETTE

SPORTVAN

EL CAMINO

This booklet is designed to assist in the preparing of initial orders. Contents are of a preliminary nature and subject to changes at any time. Information furnished herein should be treated as confidential until after public announcement time.

Chevrolet Central Office Distribution Department

SEPTEMBER 1, 1965

CHEVELLE

1966 MODELS WITH STANDARD EQUIPMENT (115" Wheelbase)

Model Description

6-Cylinder Models

120-hp Hi-Thrift 194 Engine

300 Series:

- 13111 2-Door Sedan—6-Passenger
- 13169 4-Door Sedan—6-Passenger

300 Deluxe Series:

- 13311 2-Door Sedan—6-Passenger
- 13369 4-Door Sedan—6-Passenger
- 13335 4-Door Station Wagon—2-Seat

Malibu Series:

- 13569 4-Door Sedan—6-Passenger
 - 13539 4-Door Sport Sedan—6-Passenger
 - 13517 2-Door Sport Coupe—5-Passenger
 - 13567 2-Door Convertible—5-Passenger
 - 13535 4-Door Station Wagon—2-Seat
-

8-Cylinder Models

195-hp Turbo-Fire 283 Engine

300 Series:

- 13211 2-Door Sedan—6-Passenger
- 13269 4-Door Sedan—6-Passenger

300 Deluxe Series:

- 13411 2-Door Sedan—6-Passenger
- 13469 4-Door Sedan—6-Passenger
- 13435 4-Door Station Wagon—2-Seat

Malibu Series:

- 13669 4-Door Sedan—6-Passenger
 - 13639 4-Door Sport Sedan—6-Passenger
 - 13617 2-Door Sport Coupe—5-Passenger
 - 13667 2-Door Convertible—5-Passenger
 - 13635 4-Door Station Wagon—2-Seat
-

325-hp Turbo-Jet 396 Engine

Super Sport 396 Series:

- 13817 2-Door Sport Coupe—5-Passenger
 - 13867 2-Door Convertible—5-Passenger
-

CHEVELLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number
Air Conditioning, Four-Season: Includes 61-amp Delcotron heavy-duty radiator, temperature-controlled radiator fan. 7.35-14 or larger tires required on model 13539 and all 8-cyl models.	54-1	C60
Air Deflector, Rear Window: Anodized aluminum. Available on Station Wagons only.	59-2	C51
Antenna, Rear: Replaces front radio antenna. Not available on Station Wagons or when AM-FM radio is ordered.		
Manual.....	47-1	U73
Power.....	47-2	U75
Axle, Rear: See Power Teams chart for availability and ordering code		
3.36 ratio (included when air conditioning is ordered) ..	.....	G76
Axle, Positraction Rear:	.....	G80
Battery, Heavy-Duty: 66-plate, 70 amp-hr	36-1	T60
Belts, Seat:		
Custom De Luxe front with retractors and Custom De Luxe rear	53-2	A39
Brakes, Special: Metallic facings.	43-1	I65
Brakes, Vacuum Power	33-2	I50
Carrier, Luggage: Station Wagons only	60-4	V55
Clutch, Heavy-Duty: With 120-hp engine only. Included when air conditioning is ordered	44-2	M01
Console: Available only when bucket seats are ordered. Includes electric clock & compartment. Gearshift lever is mounted on console. With std 3-speed available only on Super Sport 396	49-4	D55
Convenience Equip: Includes inside day-night mirror, LH outside remote-control mirror, door edge guards, luggage lamp, glove box lamp & under hood lamp	48-5	Z19
Cooler, Transmission Oil: With 120-hp engine only. Available only when Powerglide transmission is ordered. Recommended for stop-and-go driving	37-3	M55
Defroster, Rear Window: Sedans & Sport Coupes only	59-1	C50
Engine: See Power Teams chart for complete engine specifications, model and transmission availability		
140-hp Turbo-Thrift 230 6-cyl.....	30-1	L26
220-hp Turbo-Fire 283 V8.....	30-9	L77
275-hp Turbo-Fire 327 V8.....	30-2	L30
360-hp Turbo-Jet 396 V8 (Super Sport 396 only).....	30-5	L34
Exhaust, Dual: For 275-hp & 325-hp engines only.....	41-2	N10
Fan, Radiator: Temperature-controlled. Included when Four-Season air conditioning is ordered. Available only on 6-cyl models.....	44-1	K02
GM Air Injection Reactor: Approved by the state of California and exclusive to California registration only. Available only when closed engine positive ventilation is ordered.	40-2	K19
Generator:		
42-amp Delcotron. Included with full-transistor ignition. Not available when air conditioning is ordered.....	42-1	K79
61-amp Delcotron. Included when air conditioning is ordered	42-2	K76
62-amp Delcotron. Not available when power steering is ordered on 6-cyl models		
For use without air conditioning	42-3	K81
For use with air conditioning	42-3	K81
Glass, Soft Ray Tinted: All windows	50-2	A01
Windsweid only	50-1	A02
Guard: Front bumper	60-1	V31
Rear bumper; except station wagons	60-2	V32

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number
Instrumentation, Special: Available on sport coupes and convertibles only. Includes ammeter, temperature and oil pressure gauges and parking brake warning light. Also includes tachometer on V8 engine models	49-5	U14
Headrests, Strato-Ease: (Driver and passenger)		
With bucket front seats	57-1	A81
With bench front seat	57-2	A82
Heater & Defroster Deletion: Not available when air conditioning is ordered	54-4	C48
Highway Emergency Kit: Includes fire extinguisher, flares, extra fuses, tire inflator & repair kit and distress tag	39-3	Z83
Horn, Tri-Volume: Except 300 Series	63-3	U03
Ignition System, Full-Transistor: Includes 42-amp Delcotron. Available on 360-hp engine only.		
For a detailed description see 1966 Finger-Tip Facts book	44-4	K66
Lock, Spare Wheel	56-1	P19
Paint, Exterior: Solid colors		
Two-tone combinations		
Radiator, Heavy-Duty: Not available when air conditioning or transmission oil cooler equipment is ordered	36-2	V01
Radio: Includes front antenna. Rear antenna must be ordered separately		
Pushbutton control	46-3	U63
Pushbutton control with rear seat speaker. Not available on convertible	46-4	U63/U60
AM-FM pushbutton control (front antenna only)	46-5	U69
AM-FM pushbutton control with rear seat speaker. Not available on convertible (front antenna only)	46-6	U69/U60
Roof Cover, Vinyl: For sport coupe models only (Solid exterior colors only)		
Black vinyl	55-6	C08
Beige vinyl	55-7	C08
Seats, Strato-Bucket: Sport coupe & convertible only	62-4	A51
Seat, Divided Second: For station wagons only. Fawn trim only	62-1	A66
Seat, Power: 4-way electric control: front seat only. Not available with 4-speed transmission or bucket seats or 300 Series	61-1	A41
4-way electric control; driver's seat only. Available only with bucket seats	61-2	A46
Shock Absorbers, Rear:		
Superlift	38-1	G66
Steering, Power	33-1	N40
Steering Wheel: Sports-styled walnut-grained plastic ring	52-1	N34
Steering Wheel, Comfortilt: Available only when Powerglide or 4-speed transmission is ordered	52-4	N33
Suspension, Special Front & Rear:		
On sedans, sport coupes and convertible: includes special front & rear springs and special front & rear shock absorbers	37-1	F40
On station wagons: includes special front & rear springs	37-1	F40
Tachometer: 8-cylinder models only (included when special instrumentation is ordered)	41-1	U16
Tops, Convertible: Convertible models only. Available with all exterior solid colors		
Manual		
White	55-1	Std
Black	55-2	C05
Beige	55-3	C05
Power		
White	55-1/56-4	Std/C05
Black	55-2/56-4	C05/C06
Beige	55-3/56-4	C05/C06
Traffic Hazard Warning Switch	40-3	V74
Transmissions: See Power Teams chart for availability		
4-Speed (Wide-Range)	29-3	M20
Overdrive. For 120-hp, 140-hp, 195-hp and 220-hp engines only	29-4	M10
Powerglide. For use with 195-hp, 220-hp, 275-hp, 325-hp & 360-hp engines only	29-1	M35
Powerglide. For use with 120-hp and 140-hp engines only	29-1	M35
Trim, Vinyl Interior: (Fawn) for 300 Series	25-V	759
(Black) for Malibu sport coupes and sport sedans only	25-L	761
Ventilation, Closed Engine Positive: Included when 360-hp engine is ordered		
With GM air injection reactor	40-2	K24
Without GM air injection reactor	40-1	K24
Wheel Covers, Four, bright metal	51-1	P01
Wheel Covers, Mag-Styled	51-6	N96
Wheel Covers, Simulated Wire	51-2	P02
Windows, Power: For 300 Deluxe, Malibu and Super Sport 396 Series only	58-1	A31
Window, Power Rear: For station wagons only	58-2	A33

CHEVELLE TIRES

CHEVELLE SERIES BASE TIRE CHART

Model		Base Tires	Tires Included with Optional 327 V8 Engine
6-Cyl	8-Cyl		
13111	13211	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13169	13269	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13311	13411	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13335	13435	7.75-14/2Ply (4PR)	—
13369	13469	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13539		6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13535	13635	7.75-14/2Ply (4PR)	—
13517	13617	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13567		6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
13569	13669	6.95-14/2Ply (4PR)	7.35-14/2Ply (4PR)
	13639	7.35-14/2Ply (4PR)	
	13667	7.35-14/2Ply (4PR)	
	13817	♦7.75-14/2Ply (4PR)	
	13867	♦7.75-14/2Ply (4PR)	

♦Special Nylon Red Line Sidewall.

OPTIONAL TIRES FOR CHEVELLE SERIES

Factory Installed Regular Production Tires

Description	Ordering Column 34-35 Code	Option Number
TUBELESS TIRES		
Replaces (5) 6.95-14/2Ply (4PR) Regular Highway Blackwall		
(5) 6.95-14/2Ply (4PR) Regular Highway Whitewall.....	21	P67
(5) 7.35-14/2Ply (4PR) Regular Highway Blackwall.....	27	P57
(5) 7.35-14/2Ply (4PR) Regular Highway Whitewall.....	26	P58
(5) 7.75-14/2Ply (4PR) Regular Highway Blackwall.....	36	P65
(5) 7.75-14/2Ply (4PR) Regular Highway Whitewall.....	32	P62
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60
(5) 7.75-14/4Ply (4PR) Nylon Highway Whitewall.....	31	P61
Replaces (5) 7.35-14/2Ply (4PR) Regular Highway Blackwall		
(5) 7.35-14/2Ply (4PR) Regular Highway Whitewall.....	26	P58
(5) 7.75-14/2Ply (4PR) Regular Highway Blackwall.....	36	P65
(5) 7.75-14, 2Ply (4PR) Regular Highway Whitewall.....	32	P62
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60
(5) 7.75-14/4Ply (4PR) Nylon Highway Whitewall.....	31	P61
Replaces (5) 7.75-14/2Ply (4PR) Regular Highway Blackwall		
(5) 7.75-14/2Ply (4PR) Regular Highway Whitewall.....	32	P62
(5) 7.75-14/4Ply (4PR) Nylon Highway Blackwall.....	30	P60
(5) 7.75-14/4Ply (4PR) Nylon Highway Whitewall.....	31	P61
a (5) 7.75-14/4Ply (8PR) Regular Highway Blackwall.....	33	T14
a (5) 7.75-14/4Ply (8PR) Regular Highway Whitewall.....		T15

a: Available only on station wagons.

CHEVELLE POWER TEAMS

Engine, Transmission and Rear Axle Combinations

ENGINES		TRANSMISSION	MODELS	REAR AXLE RATIOS		
				Standard	Optional	
Option Number	Description			General Purpose	ORDER COL-CODE	Special Purpose or Mountain
Std on Series 131-133-135	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro	Sedans, Coupes & Convertibles	3.08:1	32-2	3.36:1
		Std 3-Speed Fully Synchro	Station Wagons	3.36:1		
		Powerglide	Sedans, Coupes & Convertibles	3.08:1		
		Powerglide	Station Wagons	3.36:1		
		Overdrive	All Models	3.70:1		
L26 on Series 131-133-135	140-hp Turbo-Thrift 230 6-Cylinder 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro	Sedans, Coupes & Convertibles	3.08:1	32-2	3.36:1
		Powerglide	Sedans, Coupes & Convertibles	3.08:1		
		Overdrive	Sedans, Coupes & Convertibles	3.70:1		
		Std 3-Speed Fully Synchro Powerglide Overdrive	Station Wagons	3.36:1		
Std on Series 132-134-136	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro 4-Speed Wide-Range	All Models	3.08:1	32-2	3.36:1
		Powerglide	All Models	3.08:1		
		Overdrive	All Models	3.70:1		
L77 on Series 132-134-136	220-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual Exhaust	Std 3-Speed Fully Synchro 4-Speed	All Models	3.08:1	32-2	3.36:1
		Powerglide	All Models	3.08:1		
		Overdrive	All Models	3.70:1		
L30 on Series 132-134-136	275-hp Turbo-Jet 327 8-Cylinder 327-cu-in displacement Regular camshaft 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters	Powerglide Std 3-Speed Fully Synchro 4-Speed Wide-Range	All Models	3.08:1		
Std on Series 138	325-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement Regular camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro 4-Speed Wide-Range	All Models	3.31:1		
		Powerglide				
L34 on Series 138	360-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement High-lift camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters	Powerglide	All Models	3.31:1		
		Std 3-Speed Fully Synchro	All Models	3.31:1		
		4-Speed Wide-Range				

CHEVELLE

1966 MODELS WITH STANDARD EQUIPMENT (115" Wheelbase)

Model Description	List Price	"A" Discount	"B" Discount	Factory D & H	Mfr's Spt'd Dealer D & H
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6-Cylinder Models

120-hp Hi-Thrift 194 Engine

300 Series:

13111	2-Door Sedan—6-Passenger	2020.00			
13169	4-Door Sedan—6-Passenger	2055.00			

300 Deluxe Series:

13311	2-Door Sedan—6-Passenger	2090.00			
13369	4-Door Sedan—6-Passenger	2125.00			
13335	4-Door Station Wagon—2-Seat	2408.00			

Malibu Series:

13569	4-Door Sedan—6-Passenger	2197.00			
13539	4-Door Sport Sedan—6-Passenger	2297.00			
13517	2-Door Sport Coupe—5-Passenger	2222.00			
13567	2-Door Convertible—5-Passenger	2420.00			
13535	4-Door Station Wagon—2-Seat	2480.00			

8-Cylinder Models

195-hp Turbo-Fire 283 Engine

300 Series:

13211	2-Door Sedan—6-Passenger	2120.00			
13269	4-Door Sedan—6-Passenger	2155.00			

300 Deluxe Series:

13411	2-Door Sedan—6-Passenger	2190.00			
13469	4-Door Sedan—6-Passenger	2225.00			
13435	4-Door Station Wagon—2-Seat	2508.00			

Malibu Series:

13669	4-Door Sedan—6-Passenger	2297.00			
13639	4-Door Sport Sedan—6-Passenger	2397.00			
13617	2-Door Sport Coupe—5-Passenger	2322.00			
13667	2-Door Convertible—5-Passenger	2520.00			
13635	4-Door Station Wagon—2-Seat	2580.00			

325-hp Turbo-Jet 396 Engine

SS 396 Series:

13817	2-Door Sport Coupe—5-Passenger	2598.00			
13867	2-Door Convertible—5-Passenger	2796.00			

CHEVELLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	List Price	"A" Discount	"B" Discount	Factory D & H
Air Conditioning, Four-Season: Includes 61-amp Delcotron; heavy-duty radiator, temperature-controlled radiator fan. 7.35-14 or larger tires required on model 13539 and all 8-cyl models. Not available when 375-hp engine is ordered.	54-1	C60	\$338.00			
Air Deflector, Rear Window: Anodized aluminum. Available on Station Wagons only.	59-2	CS1	18.00			
Antenna, Rear: Replaces front radio antenna. Not available on Station Wagons or when AM-FM radio is ordered.						
Manual.....	47-1	U73	9.00			
Power.....	47-2	U75	27.00			
Axle, Rear: See Power Teams chart for availability and ordering code						
3.07 ratio.....		H01	2.00			
3.31 ratio.....		G94	2.00			
3.36 ratio.....		G76	2.00			
3.55 ratio.....		G96	2.00			
3.73 ratio.....		H05	N.C.			
Axle, Positraction Rear: See Power Teams chart for availability & ordering code		G80	35.00			
Battery, Heavy-Duty: 66-plate, 70-amp-hr	36-1	T60	7.00			
Belts, Seat:						
Custom Deluxe front with retractors and Custom Deluxe rear	53-2	A39	10.00			
Brakes, Special: Metallic facings	43-1	J65	35.00			
Brakes, Vacuum Power	33-2	J50	40.00			
Carrier, Luggage: Station Wagons only	60-4	V55	40.00			
Clutch, Heavy-Duty: With 120-hp engine only. Included when air conditioning is ordered. Not available with GM air injection reactor	44-2	M01	5.00			
Console: Available only when bucket seats are ordered. Includes electric clock & compartment. Gearshift lever is mounted on console. With std 3-speed available only on SS 396. Not available with overdrive transmission	49-4	D55	45.00			
Convenience Equip: Includes inside day-night mirror, LH outside remote-control mirror, door edge guards, luggage lamp (except wagons) & under hood lamp						
SS 396 Series.....	48-5	Z19	20.00			
Malibu Series:						
Coupe and Convertibles.....	48-5	Z19	20.00			
Sedans.....	48-5	Z19	23.00			
Station Wagons.....	48-5	Z19	21.00			
300 & 300 Deluxe Series, also includes glove box lamp						
2-Door Sedans.....	48-5	Z19	22.00			
4-Door Sedans.....	48-5	Z19	25.00			
Station Wagons.....	48-5	Z19	23.00			
Cooler, Transmission Oil: With 120-hp engine only. Available only when Powerglide transmission is ordered. Recommended for stop-and-go driving	37-3	M55	15.00			
Defroster, Rear Window: Sedans & Sport Coupes only	59-1	CS0	20.00			
Engine: See Power Teams chart for complete engine specifications, model and transmission availability						
140-hp Turbo-Thrift 230 6-cyl.....	30-1	L26	25.00			
220-hp Turbo-Fire 283 V8.....	30-9	L77	50.00			
275-hp Turbo-Fire 327 V8.....	30-2	L30	88.00			
360-hp Turbo-Jet 396 V8 (SS 396 only).....	30-5	L34	100.00			
375-hp Turbo-Jet 396 V8 (SS 396 only).....	30-7	L78	225.00			
Exhaust, Dual: For 275-hp engine only	41-2	N10	20.00			
Fan, Radiator: Temperature-controlled. Included when Four-Season air conditioning or 375-hp engine is ordered. Available only on 8-cyl models	44-1	K02	15.00			
GM Air Injection Reactor: Approved by the state of California and exclusive to California registration only. Available only when closed engine positive ventilation is ordered. Not required when 375-hp engine is ordered	40-2	K19	42.50			
Generator:						
42-amp Delcotron. Included with full-transistor ignition. Not available when air conditioning is ordered	42-1	K79	10.00			
61-amp Delcotron. Included when air conditioning is ordered	42-2	K76	20.00			
62-amp Delcotron. Not available when power steering is ordered on 6-cyl models. Not available with GM air injection reactor						
For use without air conditioning.....	42-3	K81	70.00			
For use with air conditioning.....	42-3	K81	60.00			
Glass, Soft Ray Tinted: All windows	50-2	A01	29.00			
Windshield only.....	50-1	A02	18.50			
Guard: Front bumper	60-1	V31	9.00			
Rear bumper; except Station Wagons.....	60-2	V32	9.00			
Harness, Shoulder: Driver and passenger; for use with Custom Deluxe Seat Belts only	53-6	A85	25.00			

CHEVELLE

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	List Price	"A" Discount	"B" Discount	Factory D & H
Headrests, Strato-Ease: (Driver and passenger)						
With bucket front seats.....	57-1	A81	\$ 50.00			
With bench front seat.....	57-2	A82	40.00			
Heater & Defroster Deletion: Not available when air conditioning is ordered.....	54-4	C48	57.00 CR.			
Horn, Tri-Volume: Except 300 Series.....	63-3	U03	13.00			
Ignition System, Full-Transistor: Includes 42-amp Delcotron. Available on SS 396 models only For a detailed description see 1966 <i>Finger-Tip Facts</i> book..	44-4	K66	70.00			
Instrumentation, Special: Available on sport coupes and convertibles only. Includes ammeter, temperature and oil pressure gauges and parking brake warning light. Also includes tachometer on V8 engine models						
8-cylinder models.....	49-5	U14	75.00			
5-cylinder models.....	49-5	U14	30.00			
Lock, Spare Wheel.....	56-1	P19	5.00			
Moldings, Side Window:						
4-Door sedans & Malibu station wagons.....	48-2	B90	20.00			
300 Deluxe station wagons; also includes moldings on rear quarter windows.....	48-2	B90	25.00			
Paint, Exterior: Solid colors.....						
Two-tone combinations.....			15.00			
Radiator, Heavy-Duty: Not available when air conditioning or transmission oil cooler equipment is ordered.....	36-2	V01	10.00			
Radio: Includes front antenna. Rear antenna must be ordered separately						
Pushbutton control.....	46-3	U63	54.50			
Pushbutton control with rear seat speaker.....	46-4	U63/U80	57.00			
AM-FM pushbutton control (front antenna only).....	46-5	U69	127.00			
AM-FM pushbutton control with rear seat speaker (front antenna only).....	46-6	U69/U80	139.50			
Roof Cover, Vinyl: For sport coupe & sport sedan models only (Solid exterior colors only)						
Black vinyl.....	55-6	C08	70.00			
Beige vinyl.....	55-7	C08	70.00			
Seats, Strato-Bucket: Sport coupe & convertible only	62-4	A51	105.00			
Seat, Power: 4-way electric control; front seat only. Not available with floor-mounted transmission or bucket seats or 300 Series 4-way electric control; driver's seat only.	61-1	A41	66.00			
Available only with bucket seats.....	61-2	A46	66.00			
Shock Absorbers, Rear:						
Superlift.....	38-1	G66	35.00			
Steering, Power.....	33-1	N40	80.00			
Steering Wheel: Sports-styled walnut-grained plastic ring.....	52-1	N34	30.00			
Steering Wheel, Comfortilt: Available only when Powerglide or 4-speed transmission is ordered.....	52-4	N33	40.00			
Suspension, Special Front & Rear:						
On sedans & coupes.....	37-1	F40	4.50			
On station wagons.....	37-1	F40	3.50			
Tachometer: 8-cylinder models only (Included when special instrumentation is ordered).....	41-1	U16	45.00			
Top, Convertible: Convertible models only. Available with all exterior solid colors						
Manual:						
White.....	55-1	Std	N.C.			
Black.....	55-2	C05	N.C.			
Beige.....	55-3	C05	N.C.			
Power:						
White.....	55-1/56-4	Std/C06	50.00			
Black.....	55-2/56-4	C05/C06	50.00			
Beige.....	55-3/56-4	C05/C05	50.00			
Traffic Hazard Warning Switch.....	40-3	V74	11.00			
Transmissions: See <i>Power Teams</i> chart for availability						
4-speed (Close-ratio). For use with 360-hp or 375-hp engine only	29-5	M21	100.00			
4-speed (Wide-Range). For use with 195-hp, 220-hp, 275-hp engines.....	29-3	M20	175.00			
325-hp, 360-hp or 375-hp engines.....	29-3	M20	100.00			
Overdrive. For use with 120-hp, 140-hp, 195-hp and 220-hp engines only.....	29-4	M10	110.00			
Powerglide. For use with 195-hp, 220-hp & 275-hp engines only	29-1	M35	185.00			
Powerglide. For use with 120-hp and 140-hp engines only.....	29-1	M35	175.00			
Powerglide. For use with 325-hp and 360-hp engines only.....	29-1	M35	110.00			
Trim, Vinyl Interior: (Fawn) For 300 Series.....	25-V	720	5.00			
(Black) For Malibu sport coupes and sport sedans only.....	25-L	761	10.00			
Ventilation, Closed Engine Positive: included when 360-hp or 375-hp engine is ordered.						
With GM air injection reactor.....	40-2	K24	5.00			
Without GM air injection reactor.....	40-1	K24	5.00			
Wheel Covers: Four, bright metal.....	51-1	P01	20.00			
Wheel Covers, Mag-Style.....	51-6	N96	70.00			
Wheel Covers, Simulated Wire.....	51-2	P02	70.00			
Windows, Power: For Malibu and SS 396 Series only.....	58-1	A31	95.00			
Window, Power Rear:						
For station wagons only.....	58-2	A33	25.00			

CHEVELLE TIRES

CHEVELLE SERIES BASE TIRE CHART

Model		Base Tires	Tires Included with Optional 327 V8 Engine
6-Cyl	8-Cyl		
13111	13211	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
13169	13269	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
13311	13411	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
13335	13435	7.75-14/2-ply (4-ply rating)	—
13369	13469	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
13539		6.95-14/2-ply (4-ply rating)	—
13535	13635	7.75-14/2-ply (4-ply rating)	—
13517	13617	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
13567		7.35-14/2-ply (4-ply rating)	—
13569	13669	6.95-14/2-ply (4-ply rating)	7.35-14/2-ply (4-ply rating)
	13639	7.35-14/2-ply (4-ply rating)	—
	13667	7.35-14/2-ply (4-ply rating)	—
	13817	♦7.75-14/2-ply (4-ply rating)	—
	13867	♦7.75-14/2-ply (4-ply rating)	—

♦ Special Nylon Red Line Sidewall.

OPTIONAL TIRES FOR CHEVELLE SERIES

Factory Installed Regular Production Tires

Description	Ordering Column 34-35 Code	Option Number	List Price	"A" Discount	"B" Discount	Factory D & H
TUBELESS TIRES						
Replaces (5) 6.95-14/2-ply (4-ply rating) Regular Highway Blackwall						
(5) 6.95-14/2-ply (4-ply rating) Regular Highway Whitewall..	21	P67	\$27.00	\$20.52	\$24.30	\$ 1.20
(5) 7.35-14/2-ply (4-ply rating) Regular Highway Blackwall..	27	PS7	7.00	5.32	6.30	.80
(5) 7.35-14/2-ply (4-ply rating) Regular Highway Whitewall..	26	P58	37.00	28.12	33.30	2.15
(5) 7.75-14/2-ply (4-ply rating) Regular Highway Blackwall..	36	P65	21.00	15.96	18.90	1.30
(5) 7.75-14/2-ply (4-ply rating) Regular Highway Whitewall..	32	P62	51.00	38.76	45.90	2.60
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Blackwall..	30	P60	36.00	27.36	32.40	3.05
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Whitewall..	31	P61	68.00	51.68	61.20	4.40
Replaces (5) 7.35-14/2-ply (4-ply rating) Regular Highway Blackwall						
(5) 7.35-14/2-ply (4-ply rating) Regular Highway Whitewall..	26	P58	30.00	22.80	27.00	1.35
(5) 7.75-14/2-ply (4-ply rating) Regular Highway Blackwall..	36	P65	14.00	10.64	12.60	.50
(5) 7.75-14/2-ply (4-ply rating) Regular Highway Whitewall..	32	P62	44.00	33.44	39.60	1.80
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Blackwall..	30	P60	29.00	22.04	26.10	2.25
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Whitewall..	31	P61	61.00	46.36	54.90	3.60
Replaces (5) 7.75-14/2-ply (4-ply rating) Regular Highway Blackwall						
(5) 7.75-14/2-ply (4-ply rating) Regular Highway Whitewall..	32	P62	30.00	22.80	27.00	1.30
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Blackwall..	30	P60	15.00	11.40	13.50	1.75
(5) 7.75-14/4-ply (4-ply rating) Nylon Highway Whitewall..	31	P61	47.90	35.72	43.11	3.10
a (5) 7.75-14/4-ply (8-ply rating) Regular Highway Blackwall..	33	T14	41.00	31.16	36.90	4.75
Replaces (5) 7.75-14/2-ply (4-ply rating) Special Nylon Red Line Sidewall						
b (5) 7.75-14/2-ply (4-ply rating) Special Nylon Whitewall.....	37	T07	N.C.	N.C.	N.C.	N.C.

a Available only on station wagons.

b Available only on SS 396 models.

CHEVELLE POWER TEAMS

Engine, Transmission and Rear Axle Combinations

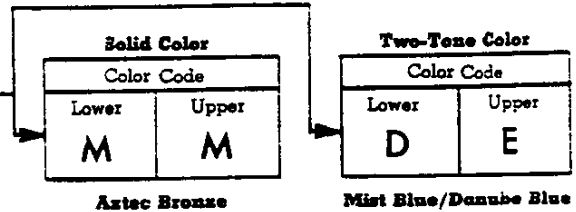
Option Number	ENGINES Description	TRANSMISSION	MODELS	REAR AXLE RATIOS		
				Standard	Optional	
				General Purpose	ORDER COL-CODE	Special Purpose or Mountain
Std on Series 131-133-135	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchron	Sedans, Coupes & Convertibles	3.08:1	32-2	3.36:1
		Std 3-Speed Fully Synchron	Station Wagons	3.36:1		
		Powerguide	Sedans, Coupes & Convertibles	3.08:1		
		Powerguide	Station Wagons	3.36:1		
		Overdrive	All Models	3.70:1		
L26 on Series 131-133-135	140-hp Turbo-Thrift 230 6-Cylinder 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchron	Sedans, Coupes & Convertibles	3.08:1	32-2	3.36:1
		Powerguide	Sedans, Coupes & Convertibles	3.08:1		
		Overdrive	All Models	3.70:1		
		Std 3-Speed Fully Synchron Powerguide	Station Wagons	3.36:1		
Std on Series 132-134-136	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchron	All Models	3.08:1	32-2	3.36:1
		4-Speed Wide-Range				
		Powerguide	All Models	3.08:1		
L77 on Series 132-134-136	220-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Std 3-Speed Fully Synchron	All Models	3.08:1	32-2	3.36:1
		4-Speed				
		Powerguide	All Models	3.08:1		
L30 on Series 132-134-136	275-hp Turbo-Jet 327 8-Cylinder 327-cu-in displacement Regular camshaft 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters	Powerguide				
		Std 3-Speed Fully Synchron	All Models	3.08:1		
		4-Speed Wide-Range				
Std on Series 138	325-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement Regular camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Std 3-Speed Fully Synchron	All SS 396 Models	3.31:1	32-5 32-6	3.55:1 3.73:1
		4-Speed Wide-Range				
		Powerguide				
L34 on Series 138	360-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement High-lift camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Powerguide				
		Std 3-Speed Fully Synchron	All SS 396 Models	3.73:1	32-4 32-5	3.31:1 3.55:1
		4-Speed Wide-Range				
		4-Speed Close-Ratio				
L78 on Series 138	375-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement Special camshaft 4-barrel carburetor 11.0:1 compression ratio Mechanical valve lifters Dual exhaust Temperature-controlled fan	Std 3-Speed Fully Synchron	All SS 396 Models	3.73:1	32-7 32-4 32-5	3.07:1 3.31:1 3.55:1
		4-Speed Wide Range				
		4-Speed Close-Ratio				

CHEVELLE POWER TEAMS

Engine, Transmission and Positraction Rear Axle Combinations

ENGINES		TRANSMISSION	MODELS	REAR AXLE RATIOS				
Option Number	Description			ORDER COL-CODE	General Purpose	Special Purpose on Mountain	Performance	
Std on Series 131-133-135	120-hp Hi-Thrift 194 6-Cylinder 194-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro	Sedans, Coupes & Convertibles	31-1 31-1/32-2	3.08:1 —	— 3.36:1	— —	
		Std 3-Speed Fully Synchro	Station Wagons	31-1	3.36:1	—	—	
		Powerglide	Sedans, Coupes & Convertibles	31-1	3.08:1	—	—	
		Powerglide	Station Wagons	31-1	3.36:1	—	—	
		Overdrive	Sedans, Coupes & Convertibles	31-1	3.70:1	—	—	
L26 on Series 131-133-135	140-hp Turbo-Thrift 230 6-Cylinder 230-cu-in displacement Single-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro	Sedans, Coupes & Convertibles	31-1 31-1/32-2	3.08:1 —	— 3.36:1	— —	
		Powerglide	Sedans, Coupes & Convertibles	31-1	3.08:1	—	—	
		Overdrive	Sedans, Coupes & Convertibles	31-1	3.70:1	—	—	
		Std 3-Speed Fully Synchro	Station Wagons	31-1	3.36:1	—	—	
		Powerglide						
Overdrive								
Std on Series 132-134-136	195-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement 2-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters	Std 3-Speed Fully Synchro	All Models	31-1 31-1/32-2	3.08:1 —	— 3.36:1	— —	
		4-Speed Wide-Range						
		Powerglide	All Models	31-1	3.08:1	—	—	
		Overdrive	All Models	31-1	3.70:1	—	—	
L77 on Series 132-134-136	220-hp Turbo-Fire 283 8-Cylinder 283-cu-in displacement Regular camshaft 4-barrel carburetor 9.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Std 3-Speed Fully Synchro	All Models	31-1 31-1/32-2	3.08:1 —	— 3.36:1	— —	
		4-Speed						
		Powerglide	All Models	31-1	3.08:1	—	—	
		Overdrive	All Models	31-1	3.70:1	—	—	
L30 on Series 132-134-136	275-hp Turbo-Fire 327 8-Cylinder 327-cu-in displacement Regular camshaft 4-barrel carburetor 10.5:1 compression ratio Hydraulic valve lifters	Powerglide	All Models	31-1	3.08:1	—	—	
		Std 3-Speed Fully Synchro						
		4-Speed Wide-Range						
Std on Series 138	325-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement Regular camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Std 3-Speed Fully Synchro	All SS 396 Models	31-1 31-1/32-5 31-1/32-6 31-2	3.31:1	—	3.55:1 3.73:1 4.10:1	
		4-Speed Wide-Range						
		Powerglide						
L34 on Series 138	360-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement High-lift camshaft 4-barrel carburetor 10.25:1 compression ratio Hydraulic valve lifters Dual exhaust	Std 3-Speed Fully Synchro	All SS 396 Models	31-1 31-1/32-4 31-1/32-5 31-2	3.73:1	—	— 3.31:1 3.55:1 4.10:1	
		4-Speed Wide-Range						
		Powerglide						
		4-Speed Close-Ratio	All SS 396 Models	31-1 31-1/32-4 31-1/32-5 31-2 31-3 31-4	3.73:1	—	—	— 3.31:1 3.55:1 4.10:1 4.56:1 4.88:1
L78 on Series 138	375-hp Turbo-Jet 396 8-Cylinder 396-cu-in displacement Special camshaft 4-barrel carburetor 11.0:1 compression ratio Mechanical valve lifters Dual exhaust Temperature-controlled fan	Std 3-Speed Fully Synchro	All SS 396 Models	31-1 31-1/32-7 31-1/32-4 31-1/32-5 31-2	3.73:1	—	— 3.07:1 3.31:1 3.55:1 4.10:1	
		4-Speed Wide-Range						
		4-Speed Close-Ratio						
			All SS 396 Models	31-1 31-1/32-7 31-1/32-4 31-1/32-5 31-2 31-3 31-4	3.73:1	—	—	— 3.07:1 3.31:1 3.55:1 4.10:1 4.56:1 4.88:1

Important Information Concerning Ordering Interior Trim and Exterior Colors



Explanation of Exterior Color Identification
 All exterior paints will continue to be identified by indicating lower body color and upper body color by alphabetical color codes.
 All color codes are double letters. The first code letter is the lower body color. The second code letter is the upper body color.
 For solid color the same code is used for both the lower color and the upper color (see sample above).

Explanation of Interior Trim Identification
 Ordering codes remain single alphabetical letters (SEE CHART ON FOLLOWING PAGE).
 Trim option numbers are for invoicing only to denote color of trim.

PLEASE GIVE SPECIAL ATTENTION TO THE FOLLOWING

Exterior color/interior trim color combinations have been expanded as shown in the Color & Trim chart. Please note that these expanded combinations are termed "acceptable" rather than "recommended". Prior to ordering any of the "acceptable" combinations, both dealer and customer should be fully aware of the appearance of such combinations.

Recommended combination Acceptable combination Not available

SERIES	REMARKS
SS 396	Standard front seat is full-width type. Optional bucket front seats (RPO A51) available at extra cost. Center console (RPO D55) and special instrumentation (RPO D59) are separate options. Bronze, Red, Bright Blue and White/Black interiors not available with Two-Tone exteriors. White/Black interior trim: Carpet, instrument panel, steering wheel and lower portion of side-wall are Black. Convertible Top colors: Black, Beige or White. Each is available with all exterior solid colors. Two-Tone exterior combinations except Willow Green/Ermine White. Mist Blue/Ermine White and Mist Blue/Danube Blue are available on Sport Coupe. Black or Beige Vinyl Roof Cover (RPO C08) is available as an extra-cost option on Sport Coupe model.
MALIBU	Standard front seat is full-width type. Optional bucket front seats (RPO A51) available at extra cost on Sport Coupe and Convertible only. Black Vinyl interior may be ordered only as an extra cost option on Sport Coupe and Sport Sedan models. Black & Bronze standard interiors available only on Convertible. Red interior not available with Two-Tone exterior. Convertible Top colors: Black, Beige or White. Each is available with all solid color exteriors. Willow Green/Ermine White Two-Tone exterior combination is not available. Two-Tone appearance may also be obtained on Sport Coupe and Sport Sedan models by ordering optional Black or Beige Vinyl Roof Cover (RPO C08), which is available with all solid colors.
300 DELUXE	Ermine White/Artesian Turquoise, Madeira Maroon/Tuxedo Black, Tropic Turquoise/Ermine White, Willow Green/Ermine White and Chateau Slate/Tuxedo Black Two-Tone exterior combinations are not available. Red interior not available with Two-Tone exterior.
300	Ermine White/Artesian Turquoise, Madeira Maroon/Tuxedo Black, Tropic Turquoise/Ermine White, Willow Green/Ermine White and Chateau Slate/Tuxedo Black Two-Tone exterior combinations are not available. Red interior not available with Two-Tone exterior. Optional Fawn Vinyl interior available on Sedans only at extra cost.

CHEVELLE COLOR & TRIM CHART

INTERIOR TRIM CODES			EXTERIOR COLORS																								
The following code must be shown on the order form for the desired interior trim. B—BLUE D—RED Z—BLACK F—FAWN L—OPTIONAL BLACK VINYL R—BRIGHT BLUE S—WHITE/BLACK T—TURQUOISE V—OPTIONAL FAWN VINYL Z—BRONZE			Solid										Two-Tone														
			Tuxedo Black	Ermine White	Mist Blue (Med)	Dunabe Blue (Dk)	Marina Blue (Brt)	Willow Green (Med)	Artesian Turquoise (Med)	Tropic Turquoise (Dk)	Aztec Bronze	Madeira Maroon	Regal Red	Sandalwood Tan	Cameo Beige	Chateau Slate	Lemonwood Yellow	Ermine White/Artesian Turq	Mist Blue/Ermine White	Mist Blue/Dunabe Blue	Tropic Turq/Ermine White	Madeira Maroon/Tuxedo Black	Sandalwood Tan/Cameo Beige	Chateau Slate/Tuxedo Black			
MODELS	Int. Trim & RPO	Exterior Code	AA	CC	DD	EE	FF	HH	KK	LL	MM	NN	RR	TT	VV	WW	YY	CK	DC	EE	LC	NA	TV	WA			
SS 396 w/Std Seats Convertible 13867 Sport Coupe 13817	V I N Y L	Fawn	709	F	F	F	F		F	F	F	F	F		F	F		F						F			
		White/Black	798	S	S	S		S	S	S		S	S		S	S		S	S								
		Red	747	D	D								D	D													
		Turquoise	776	T	T					T	T								T	T							
		Bronze	787	Z	Z							Z					Z									Z	
		Black	761	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Bright Blue	732	R	R			R										R											
SS 396 AND MALIBU w/Opt Front Bucket Seats—RPO A51 Convertibles 135-136-13867 Sport Coupes 135-136-13817	V I N Y L	Fawn	712	F	F	F	F		F	F	F	F	F		F	F		F						F			
		White/Black	797	S	S	S		S	S	S		S	S		S	S		S	S								
		Red	750	D	D								D	D													
		Bronze	790	Z	Z							Z					Z										
		Black	763	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
		Bright Blue	731	R	R			R										R									
MALIBU w/Std Seats Sport Coupes 13517-13617 4-Door Sedans 13369-13669 Sport Sedan 13539-13639	C L O T H	Fawn	708	F	F	F	F		F	F	F	F	F		F	F		F						F			
		Turquoise	775	T	T					T	T								T	T							
		Red	746	D	D								D	D													
		Blue	728	B	B	B	B	B										B		B	B						
		Black Vinyl* (Optional)	761	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
Convertibles 13567-13667 4-Door 2-Seat Station Wagons 13535-13635	V I N Y L	Fawn	709	F	F	F	F		F	F	F	F	F		F	F		F						F			
		Turquoise	776	T	T					T	T								T	T							
		Red	747	D	D								D	D													
		Blue	729	B	B	B	B	B										B		B	B						
		Black▲	761	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	
Bronze▲	787	Z	Z							Z					Z												
300 DELUXE 2-Door Sedans 13311-13411 4-Door Sedans 13369-13469	C L O T H	Fawn	706	F	F			F	F	F	F	F		F	F		F							F			
		Blue	726	B	B	B	B	B									B		B	B							
		Red	744	D	D								D	D													
4-Door 2-Seat Station Wagons 13335-13435	V I N Y L	Fawn	707	F	F			F	F	F	F	F		F	F		F							F			
		Blue	727	B	B	B	B	B									B		B	B							
		Red	745	D	D								D	D													
300 SERIES All Models	C L O T H	Fawn	704	F	F			F	F	F	F	F		F	F		F							F			
		Blue	724	B	B	B	B	B									B		B	B							
		Red	742	D	D								D	D													
		Fawn Vinyl (Optional)	720	V	V			V	V	V	V	V	V		V	V		V							V		

* Available on sport coupes and sport sedans only.

▲ Available on convertibles only.

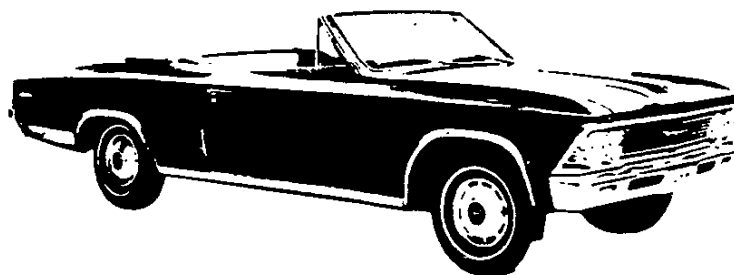
● Optional Strato-Type Bucket Seats must be specified separately on order form. See page 17 for ordering code and description.

□ Recommended combination.

■ Acceptable combination.

□ Not available.

GENERAL



MODEL IDENTIFICATION	2
SERIAL NUMBERS AND IDENTIFICATION	3
REGULAR EQUIPMENT - EXTERIOR	4
REGULAR EQUIPMENT - INTERIOR	5
OPTIONAL EQUIPMENT	6
DEALER INSTALLED ACCESSORIES	7
● AIR CONDITIONING	8

MODEL IDENTIFICATION

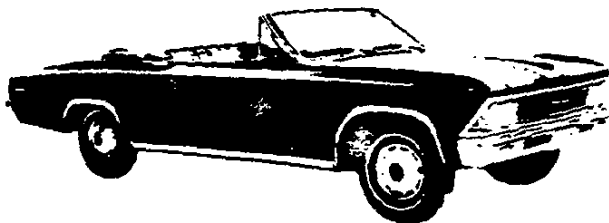
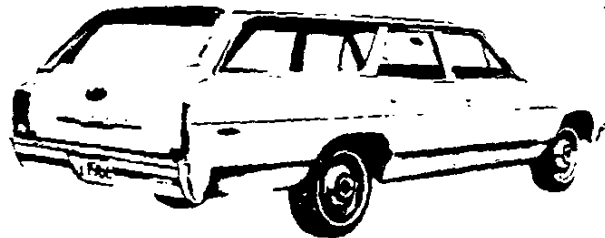


CHEVELLE 300 131-13200 SERIES

MODEL 131-13211 2-DOOR SEDAN, 6-PASSENGER
MODEL 131-13269 4-DOOR SEDAN, 6-PASSENGER

CHEVELLE 300 DELUXE 133-13400 SERIES

MODEL 133-13411 2-DOOR SEDAN, 6-PASSENGER
MODEL 133-13435 4-DOOR STATION WAGON, 2-SEAT
MODEL 133-13469 4-DOOR SEDAN, 6-PASSENGER
MODEL 133-13480 2-DOOR SEDAN PICKUP, 3-PASSENGER



MALIBU 135-13600 SERIES

MODEL 135-13635 4-DOOR STATION WAGON, 2-SEAT
MODEL 135-13617 2-DOOR SPORT COUPE, 5-PASSENGER
MODEL 135-13667 2-DOOR CONVERTIBLE, 5-PASSENGER
MODEL 135-13669 4-DOOR SEDAN, 6-PASSENGER
MODEL 135-13680 2-DOOR SEDAN PICKUP, 3-PASSENGER
MODEL 135-13639 4-DOOR SPORT SEDAN, 6-PASSENGER

● SS 396 13800 SERIES

MODEL 13817 2-DOOR SPORT COUPE, 5-PASSENGER
MODEL 13867 2-DOOR CONVERTIBLE, 5-PASSENGER

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE SERIAL NUMBER

6-Cylinder Example:

Model	1966	Assembly Plant (Atlanta)	Unit Number (25th unit)
13369	6	A	100025

Thus: The 25th model built at Atlanta would be serial number 133696A100025

8-Cylinder Example:

Model	1966	Assembly Plant (Atlanta)	Unit Number (26th unit)
13469	6	A	100026

Thus: The 26th model built at Atlanta would be serial number 134696A100026

ASSEMBLY PLANTS

- | | |
|-----------------|-----------------|
| A - Atlanta | G - Framingham |
| ● B - Baltimore | K - Kansas City |
| F - Flint | Z - Fremont |

Starting unit number ----- 100001 and up at each assembly plant

Location ----- Stamped on plate attached to left front body hinge pillar

ENGINE IDENTIFICATION

Example: F 1210 AA

Source Designation	Production* Month and Date	Type Designation
F (Flint)	1210	AA

194 Cubic inch 6-cylinder

- AA - Regular engine, 3-speed
- AL - Regular engine, PG

283 Cubic inch 8-cylinder

- DA - Regular engine, 3-speed
- DE - Regular engine, PG

327 Cubic inch 8-cylinder

- EA - Optional engine, 3-speed
- EE - Optional engine, PG

396 Cubic inch 8-cylinder

- ED - Optional engine, 3-speed
- EK - Optional engine, PG

Location:

6-cylinder ----- Stamped on pad on right side of cylinder block to rear of distributor

8-cylinder ----- Stamped on pad at front right side of cylinder block

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

REAR AXLE IDENTIFICATION

Example: CA 0212 B

Type Designation	Production* Month and Day	Source† Designation
CA	0212	B

CA ----- 3.08 ----- 3-speed, 4-speed, and Powerglide transmission

CV ----- 3.70 ----- Overdrive transmission

Location ----- Stamped on right or left axle tube adjacent to differential carrier

* - Month: February, 02; 12th day of February, 12

† - G - Gear & Axle, B - Buffalo, W - Warren

REGULAR EQUIPMENT—EXTERIOR

Bright Metal Trim & Moldings	Stainless Steel	Back window reveal	All exc. wagons & conv.
		Pickup box edge and roof	133-134-135-13680
		Rear belt reveal	135-136-13867
		Rear quarter window reveal	135-13635
		Roof drip gutter	135-136-13800 exc. conv.
		Tailgate window side and upper reveal	Station wagons
		Windshield header and pillar	135-136-13867
		Windshield reveal	All
	Anodized Aluminum	Body side molding	133-13400
		Body sill	135-136-13800
		Rear quarter lower molding	13800
		Headlamp and taillamp bezels	All
		Radiator grille and opening moldings	All
		Rear cove area reveal	All exc. 131-13200;133-13400; station wagons
		Wheel openings	135-136-13800
		Chrome Plated Metal	Rear cove emblem "SS 396"	13800
	Front door vent channel and post		All
	Front door vent window frame		135-13637;39,67;13800
	Front fender engine emblem - V8 only		All
	Hood windaplit		135-136-13800
	Radiator grille emblem "Chevelle"		All
	Hub caps		All
	Quarter window glass channel		135-13637,67;13800
	Rear door window glass channel		135-13639
	Rear deck lid molding		135-13600 exc. station wagons
	Rear cove area lettering - "Chevelle"		All exc. station wagons & 135-13600
	Rear quarter series nameplate		All
	Tailgate trim panel		All
	Tailgate lettering - "Chevelle"		Station wagons
	Tailgate manual window control		All
	Back-up lamps		All
	Control - manual rear window	Station wagons	
Filler - left rear quarter gasoline	All exc. station wagons		
Filler - hinged license plate gasoline	All		
Lamp - rear license	Convertibles		
Top - counterbalanced manual folding	All		
Wipers, windshield - 2-speed electric, non-glare arms & blades	All		

REGULAR EQUIPMENT—INTERIOR

Bright Metal Trim & Moldings	Coat hooks	All exc. convertibles
	Door and window control handles	All
	Door sill plates	All
	Rear view mirror back and support	135-136-13800
	Roof side rail	135-31639-37;13837
	Seat adjuster handle	All
	Sunshade supports	All
Instrument Panel	Cigarette lighter and ash tray	All
	Control knobs - chrome	All
	Electric clock	135-136-13800
	Right side nameplate and trim plate	135-136-13800
	Glove box lock	All
	Ignition lock and starter switch - 4 position	All
	Instrument cluster housing	All
	Speedometer - odometer - fuel gauge	All
	Temperature - oil pressure - amps warning lights	All
Vent control knobs - black	All	
Interior Lights	Glove box	135-136-13800
	Instrument panel courtesy - dual	135-136-13867
	Roof center dome	All exc. 135-136-13867
Steering Wheel	Deep hub - dual solid spokes - horn button	131-13200
	Deep hub - dual solid spokes - horn ring	133-13400
	Deep hub - dual solid spokes - horn ring - bright trim rings	135-136-13800
	Armrests with ashtrays - rear door or quarter panel	All exc. 131-13200
Cover - spare tire	Station wagons	
Heater - deluxe	All	
Locking knobs - front and rear door	All	
Mat - luggage or stowage compartment	135-136-13800	
Mirror - rear view (painted)	131-132-133-13400	
Seat belts, front & rear	All	
Sundshades - dual vinyl padded	All	
Switch - front door jamb	All exc. 131-13200	
Switch - manual interior light (integral in headlamp switch)	All	

REGULAR PRODUCTION OPTIONS

● BODY OPTIONS

Name	Number	Models	
Air conditioning, Four Season	C60	All	
Air deflector, rear window	C51	Station wagons	
Antenna, radio rear manual	U73	All exc. wagons & pickup	
Antenna, radio rear power	U75		
Bucket seat, 4-way control (driver's side only)	A46	135-136-13817-67	
Carrier, roof luggage	V55	Station wagons	
Convenience Group	Lamp, glove box	Z19	131-132-133-13400
	Inside mirror		
	Remote control outside mirror		All
	Door edge guards		
	Underhood lamp		
	Luggage lamp		
Defogger, rear window	C50	13000 exc. wagons & pickup	
Glass, tinted body	A01	All exc. conv. & wagons	
Glass, tinted windshield	A02		
Guard, front bumper	V31	All	
Guard, rear bumper	V32		
Gauges instrument panel	U14	All exc. wagons & pickup	
Headrest, bucket seat type front seat	A81	135-13617-67-13800	
Headrest, conventional bench type front seat	A82	135-13617-67-80, 13817-67	
Heater, (delete)	C48	All	
Horn, low "D" note	U03	All exc. 131-13200	
Instrument console	D55	135-13617-80, 13817-67	
Lock, spare wheel	P19	All	
Lamp switch and flasher, traffic hazard	V74		
Moulding, door window frame	B90	131-13269, 133-134-135-13635-69	
Radio and antenna, push button tuning	U63	All	
Radio and antenna, AM-FM push button tuning	U69		
Roof cover, exterior soft trim	C08	135-136-13817	
Seat belts, custom deluxe (with retractors)	A49	133-134-135-13680	
Seat belts, custom deluxe dual front and rear (with front retractors only)	A39	13000 exc. pickup	
Seat, 4-way power front	A41	133-134-135-136-137-13800 exc pickup	
Seats, front bucket (Srraro)	A51	135-13617-67-80-13817-67	
Speaker, radio auxiliary	U80	All exc. conv. & pickup	
Tachometer, instrument panel	U16	132-134-136-13800	
Top, folding power convertible	C06	135-136-13867	
Top, folding convertible	C05		
Windows, power	A31	135-136-137-13800	
Window, power tailgate	A33	Station wagons	

● ENGINE OPTIONS

Battery, heavy duty	T60	All
Clutch, heavy duty	M01	131-133-13500-13700
Exhaust, dual	N10	132-134-13600
Air injection reactor	K10	All
Fan drive thermomodulated clutch	K02	132-134-136-13800
Generator, Delcotron (5-61 amp)	K7e	All
Generator, Delcotron (12-42 amp)	K7c	
Generator, Delcotron (23-62 amp)	K81	
Ignition system, full transistor	K66	134-13680-13817-67
Radiator, heavy duty	V01	All
Ventilation, closed engine positive	K24	All
230 Cubic Inch L-6 140 HP	L2e	
283 Cubic Inch V-8 220 HP	L77	131-133-135-13700
327 Cubic Inch V-8 275 HP	L3C	
396 Cubic Inch V-8 325 HP	L35	132-134-13600-13839
396 Cubic Inch V-8 360 HP	L54	
396 Cubic Inch V-8 375 HP	L75	134-13680
		134-13680, 13817-67

● CHASSIS OPTIONS

Name	Number	Models	
Axle, rear (3.36:1 ratio)	G76	All exc. 133-13535-80-13817-67	
Axle, rear (3.70:1 ratio)	G75	134-13680	
Axle, rear (3.73:1 ratio)	H05	134-13680, 13817-67	
Axle, rear positraction	G80	All	
Axle, rear (3.07:1 ratio)	H01	134-13680, 13817-67	
Axle, rear (3.31:1 ratio)	G94		
Axle, rear (3.55:1 ratio)	G96		
Brakes, vacuum power	J50	All	
Brakes, metallic	J65		
Cover, magnesium wheel trim	N96		
Cover, wheel trim	P01		
Cover, simulated wire wheel	P02		
Shock absorber, rear air lif:	G66	All exc. pickup	
Steering, power	N40	All	
Steering wheel, tilt type	N33		
Steering wheel, wood grained plastic	N34		
Suspension, heavy duty front and rear	F40		
Tires	6.95 x 14-4pr whitewall rayon	P67	131-132-133-134-135-13600 exc. wagons & pickup
	7.35 x 14-4pr blackwall rayon	P57	
	7.35 x 14-4pr whitewall rayon	P58	131-132-133-134-135-13600
	7.75 x 14-4pr blackwall nylon	P60	
	7.75 x 14-4pr blackwall rayon	P65	131-132-133-134-135-13600 exc. wagons & pickup
	7.75 x 14-4pr blackwall rayon	P65	
	7.75 x 14-4pr whitewall rayon	P62	131-132-133-134-135-13600
	7.75 x 14-4pr whitewall nylon	P61	
7.75 x 14-8pr blackwall rayon	T14		
7.75 x 14-4pr whitewall NF nylon		13800	

● TRANSMISSION OPTIONS

Overdrive transmission	M10	All exc. 13817-67
3-speed manual transmission heavy duty	M13	134-13680
4-speed manual transmission	M20	132-134-136-13800
4-speed transmission - close ratio	M21	134-13680-13817-67
4-speed transmission, heavy duty	M22	134-13680-13817-67
Powerglide automatic transmission	M35	All
Transmission oil cooler	M55	131-133-13500-13700

DEALER INSTALLED ACCESSORIES

Item	Models
Air conditioning, recirculating air (Custom)	All
Air deflector, rear window	Station wagons
Antenna, radio front manual	All
Antenna, radio rear manual	All except wagons & pickup
Brake, vacuum power	All
Cap, gas tank filler locking	All
Carrier, roof luggage	Station wagons
Clock, instrument panel	131-132-133-13400
Clock, universal (instr. pnl. top mount.)	All
Compass, auto	All
Container, floor litter (saddle type)	All except floor shift transmission
Container, litter, instr. panel mtd. (Black only)	All
Cover, roof luggage carrier	Station wagons
Cover, simulated magnesium wheel trim	All
Cover, simulated wire wheel trim	All
Cover, spare wheel and tire	All except wagons
Cover, wheel trim	All except 55
Cruise control	All
Defogger, rear window	All except convertible and wagons
Fan, thermomodulated clutch	132-134-136-13800
Fire extinguisher, 2-3/4 & 5 lb dry chemical	All
Frame, license plate	All
Guard, door edge	All
Guard, front bumper	All
Guard, rear bumper	All except wagons & pickup
Horn, high note	131-13200
Horn, low "D" note	All
Lamp, ash tray	All
Lamp, courtesy	All except convertible
Lamp, glove box	131-132-133-13400
Lamp, luggage compartment	All except wagons & pickup
Lamp, parking brake alarm	All
Lamp, portable spot	All
Lamp, remote control spot	All
Lamp, underhood	All
Lock, rear door safety	All four door models
Lock release, luggage compartment remote	All except wagons & pickup
Lock, spare wheel	All
Luggage carrier, deck lid	All except wagons & pickup
Mat, contour twin front floor	All
Mat, contour twin rear floor	All
Mat, full width front floor	All
Mat, full width rear floor	All except sport models
Mat, rear compartment floor	Station wagons
Mirror, inside rear view prismatic	All
Mirror, outside rear view right hand	All
Mirror, outside rear view; replacement kit	All
Mirror, remote operated outside rear view	All
Mirror, visor vanity	All except convertible
Molding, hood crown	131-132-133-13400
Molding, wheelhouse opening	13000 wagon
Molding, wheelhouse opening	13000 except wagons & pickup
Radiator insect screen	All
Radio and antenna, AM-FM push button tuning	All
Radio and antenna, manual tuning	All
Radio and antenna, push button tuning	All
Radio speaker, rear auxiliary	13000 except wagons & pickup
Radio speaker, rear auxiliary	13000 wagon
Radio stereo equipment	All
Rain deflector	All exc. sport models & pickup
Road hazard package	All
Seat belt retractors	All
Seat cushion, ventilated	All
Switch, traffic hazard lamp	All
Tachometer, instrument panel mounted	13000 except tilt wheel
Tissue dispenser (saddle type)	All
Tissue dispenser, instrument panel	All
Tool kit	All
Trailer hitch, 2000 pound capacity	All
Wiring harness, car to trailer connecting	All

AMA Specifications—Passenger Car

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 below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER	Service Operations Department	CAR NAME	CHEVELLE
		MODEL YEAR	1966
		ISSUED:	10-7-65
		REVISED (*)	3-25-66

1. The 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.

TABLE OF CONTENTS

General Specifications	1,2	Drive Units	14	Suspensions	21
Engine—Mechanical	3	Brakes	18	Weights	24
Electrical	12	Steering	19	Index	25

BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

	327 Cu. In. V-8 Engines Optional ● RPO L30 & L79	396 Cu. In. V-8 Engines Std. # RPO L34 & RPO L78
FILE COPY - DO NOT REMOVE		
CHEVELLE 300		
2-Door Sedan, 6-Pass.	13211	-----
4-Door Sedan, 6-Pass.	13269	-----
CHEVELLE 300 DELUXE		
2-Door Sedan, 6-Pass.	13411	-----
4-Door Station Wagon, 2-seat	13435	-----
4-Door Sedan, 6-Pass.	13469	-----
2-Door Sedan Pickup, 3-Pass	13480	13480
MALIBU		
4-Door Station Wagon, 2-seat	13635	-----
2-Door Sport Coupe, 5-Pass.	13617	-----
4-Door Sport Sedan, 6-Pass.	13639	-----
2-Door Convertible, 5-Pass.	13667	-----
4-Door Sedan, 6-Pass.	13669	-----
2-Door Sedan Pickup, 3-Pass.	13680	13680
SS396		
2-Door Sport Coupe, 4-Pass.	-----	13817
2-Door Convertible, 4-Pass.	-----	13867

* - Standard on SS 396; Optional on Sedan Pickups (RPO L35)



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	13200-400-600 327 Cu.In.V-8 275HP L30 | 350HP L79	13800-13480-13680 396 Cu.In.V-8 325HP Std* | 360HP L34 | 375HP L78	
Wheelbase (L101)			115.0		
Track	Front (W101)		58.0		
	Rear (W102)		58.0		
Maximum Overall Dimensions	Length (L103)		197.0 Station Wagons 199.9		
	Width (W103)		75.0		
	Height (H101)		Sedan & Sprt. Sedan 53.0; Sprt. Coupe 51.9; Convertible 52.8; Sta. Wagon 54.6; Sedan Pickup 54.6		
Transmission (Specify trade name - opt., not available)	Manual - 3 speed	15	Standard 3 Spd HD opt	3-Speed Heavy Duty (optional)	
	Manual - 4 speed (Opt)	15	2.54:1 low	2.52:1 low 2.20:1 low	2.52:1 low 2.20:1 low
	Overdrive	15	NA		
	Automatic (Optional)	16	Powerglide	NA	Powerglide NA
Axle ratio **	Manual - 3 speed	17	3.08	3.36	3.31 3.73
	Manual - 4 speed	17	3.08	3.31	3.31 3.73
	Overdrive	17	NA		
	Automatic	17	3.08	NA	3.31 3.73 NA
Tire size		18	7.35 x 14-4 PR (a)	7.75 x 14-4 PR	
Engine	Type, no. cyl., valve arr.	3	90° OHV V-8		
	Fuel system (Carb., other)	10	Carburetor		
	Bore and stroke	3	4.001 x 3.25	4.094 x 3.76	
	Piston displ., cu. in.	3	327	396	
	Std. compression ratio	3	10.25:1		11.0:1
	Max. bhp at engine rpm	3	275 @ 4800	350 @ 5800	325 @ 4800 360 @ 5200 375 @ 5600
	Max. torque at rpm	3	355 @ 3200	360 @ 3600	410 @ 3200 420 @ 3600 415 @ 3600

* - Optional on 13480 & 13680 Models (RPO L35)

** - Refer to Page 4 (Power Teams) for optional axles

a) - 7.75 x 14-4 PR on Station Wagons



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)

GENERAL SPECIFICATIONS—DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	SAE Ref. No.	Sedans		Sport	Spt Cps		Conv's.		Station	Sedan
		2-Dr	4-Dr	Sedans	Bn	Bkt	Bn	Bkt	Wagon	Pickup

FRONT COMPARTMENT

Shoulder room	W3	58.8								
Hip room	W5	59.9								
Max. eff. leg room - accelerator	L34	41.9		41.9	42.2	41.9	42.2	42.0	41.9	
Effective head room	H61	38.5	38.6	37.7	37.5	38.6	38.0	38.2	38.2	
H.Point to Heel point	H30	8.2		7.7	7.9	7.7	7.9	8.2	8.2	

REAR COMPARTMENT

Shoulder room	W4	57.4	58.7	58.7	57.0	46.6	58.8	--	--	
Hip room	W6	58.7	59.9	59.9	58.6	48.6	59.9	--	--	
Minimum effective leg room	L51	35.8	36.0	35.7	33.1	33.4	33.4	36.0	--	
Effective head room	H63	37.3	37.2	36.3	36.5	38.4	--	--		

LUGGAGE COMPARTMENT

Usable luggage capacity	V1	17.1							---	---
Liftover height	H195	28.9	28.9	28.9	28.6	29.0	26.9	--	--	
Position of spare tire storage		Horizontal Trunk Floor							Rt. RR Qty	Bk. Fr. St.
Method of holding lid open		Torsion Bars Counterbalanced							---	---

STATION WAGON—THIRD SEAT

Hip room	W86	None								
Effective leg room	L86	None								
Effective head room	H86	None								
Seat facing direction		None								

STATION WAGON—CARGO SPACE

MODEL	SAE Ref. No.	134-13600
Minimum distance between wheel houses at floor level	W201	42.4
Rear end opening width at belt	W204	52.5
Floor length from back of front seat at floor level to inside of closed tail gate	L202	92.0
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	80.8
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.3
Maximum height of rear opening - tail and lift gates open	H202	28.5
Cargo volume index (cu. ft.)— $\frac{W4 \times L204 \times H201}{1728}$	V2	86.0



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	03-25-6
MODEL	13200-400-600 327 Cu. In. V-8	13800-13480-13680 396 Cu. In. V-8	275 HP L30	350 HP L79	325 HP Std	*360 HP L34	375 HP L78

ENGINE—GENERAL

Type, no. cyls., valve arr.		90° OHV V-8				
Bore and stroke (nominal)		4.001 x 3.25		4.094 x 3.76		
Piston displacement, cu. in.		327		396		
Bore spacing (C/L to C/L)		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				
Compres. ratio (nominal)		10.25:1			11.0:1	
Cylinder Head Material		Cast Alloy Iron				
Cylinder Block Material		Cast Alloy Iron				
Cylinder Sleeve-Wet, dry, none		None				
Number of mounting points	Front	Two				
	Rear	One				
Engine installation angle		4° 46'				
Taxable horsepower	Di ² xNo.Cyl. 2.5	51.2		53.6		
Publishing max. bhp* @ eng. RPM		275 @ 4800	350 @ 5800	325 @ 4800	360 @ 5200	375 @ 5600
Publishing max. torque* (lb. ft. @ RPM)		355 @ 3200	360 @ 3600	410 @ 3200	420 @ 3600	415 @ 3600
Recommended fuel regular - premium		Premium				
Idle speed(spec. neutral or drive)	Manual	500 in Neutr.	700 in Neutr.	500 in Neutr.	550 in Neutral	
	Automatic	500 in Drive	NA	500 in Drive	550 in Drive	NA

ENGINE—PISTONS

Material	Cst. Alu. Alloy	(a)	Cast Aluminum Alloy	(a)	
Description and finish	Flat head, notched, slipper skirt		Domed head; slipper skirt		
Weight (piston only) oz.	21.60	20.40	29.31	23.12	
Clearance (limits)	Top land	.0365-.0455	.0395-.0425	.0305-.0375	.0265-.0335
	Skirt	.0005-.0011(b)	.0039-.0045c	.0007-.0013 (d)	.0036-.0042(e)
Ring groove depth	No. 1 ring	.2217-.2283		.2253-.2318	
	No. 2 ring	.2217-.2283		.2253-.2318	
	No. 3 ring	.2038-.2103		.2098-.2168	.2113-.2127
	No. 4 ring				

* Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

* Optional on 13480 & 13680 models (RPO L35)

- (a) Aluminum impact extruded
- (b) Measured 2.24 from top of piston
- (c) Measured 2.20 from top of piston
- (d) Measured 1.95 from top of piston
- (e) Measured 2.25 from top of piston



AMA Specifications—Passenger Car

KEY OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)		
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		A	B	C
13200 13400 13600	327* RPO L30	One; 4-Bbl	10.25:1	275 @ 4800	355 @ 3200	3-Speed	3.08	3.70(a)	3.36
						3-Spd Heavy Duty*	3.36	3.08, 3.70	3.36
						4-Spd(2.54:1 low)*	3.08	3.70(a)	3.36
						Powerglide*	3.08		3.36
13800 13480 13680	396* RPO L34	One; 4-Bbl	10.25:1	360 @ 5200	420 @ 3600	3-Spd Heavy Duty*	3.73	3.31, 3.55, 4.10	3.07
						4-Spd(2.52:1 low)*	3.73	3.31, 3.55, 4.10	3.07
						4-Spd(2.20:1 low)*	3.73	3.31, 3.55, 4.10, 4.56, 4.88	3.07
						Powerglide	3.73	3.31, 3.55, 4.10	3.07
13800 13480 13680	396 # RPO L78	One; 4-Bbl	11.0:1	375 @ 5600	415 @ 3600	3-Spd Heavy Duty*	3.73	3.31, 3.55, 4.10	NA
						4-Spd(2.52:1 low)*	3.73	3.31, 3.55, 4.10	NA
						4-Spd(2.20:1 low)*	3.73	3.31, 3.55, 4.10, 4.56, 4.88	NA

(a)-Available on 13480 & 13680 models only.

* Optional

** Standard on 13800, Optional on 13480 & 13680 (RPO L35)

A-General Purpose - Standard

B-Optional

C-Air Conditioning



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66
 13200-400-600 13800-13480-13680
 327 Cu. In. V-8 396 Cu. In. V-8
 MODEL 275HP L30 | 350HP L79 | 325HP Std* | 360HP L34 | 375HP L78

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.	None		
Compression	Description - Upper material, coating, etc.	(a)	Molybdenum filled groove face	
	Lower	(b)	Cast alloy iron, inside bevel, tapered face, wear resi ctg. on 325HP; chrome plate on L79, L34 & L78	
	Width	.0775-.0780	.0770-.0775	
	Gap	.013-.023	.013-.025	.010-.020
Oil	Description - material, coating, etc.			
	Width (assembled)	.1840-.1880	.1830-.1880	
	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, flooring, etc.	Locked in rod		
	Bushing	In rod or piston	None	
		Material	None	
Clearance	In piston	.00015-.00025	.00025-.00035	.00030-.0004
	In rod			
Direction & amount offset in piston	(c)	On center	(c)	On center

ENGINE—CONNECTING RODS

Material	Drop forged steel		High alloy steel	
Weight (oz.)	14.56	27.84		
Length (center to center)	5.699-5.701	6.134-6.136		
Bearing	Material & Type	Premium Aluminum		
	Overall length	.807	.857	
	Clearance (limits)	.0007-.0028	.0009-.0025	
	End play	.009-.013	.016-.020	

* - Optional on 13480 & 13680 models (RPO L35)

- (a) - Cast alloy iron, inside bevel, tapered chrome plated face
- (b) - Two piece; cast alloy iron, inside bevel ring and steel expander, wear resistant coating.
- (c) - Major thrust side .055-.065



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66

	13200-400-600 327 Cu. In. V-8	13800-13480-13680 396 Cu. In. V-8
MODEL	275HP L30 | 350HP L79	325HP Std* | 360HP L34 | 375HP L78

ENGINE—CRANKSHAFT

Material	Forged steel		
Vibration damper type	Rubber mounted inertia damper		
End thrust taken by bearing (No.)	Five		
Crankshaft end play	.002-.006	.006-.010	
Main bearing	Material & type	Premium aluminum except No. 5 bearing on 396 cu. in. and No. 5 upper on 327 cu. in. which is sintered copper nickel backed babbitt	
	Clearance	(a) (#1-4) .006-.0022; (#5) .0013-.0029	
	Journal dia. and bearing overall length	No. 1	2.3013 x .752 2.7507 x .992
		No. 2	2.3009 x .752 2.7507 x .992
		No. 3	2.3009 x .752 2.7501 x .992
		No. 4	2.3009 x .752 2.7501 x .992
		No. 5	2.3006 x 1.1824 2.7504 x 1.2525
No. 6	None		
No. 7	None		
Dir. & amt. cyl. offset	None		
Crankpin journal diameter	1.999-2.000	2.199 x 2.200	

ENGINE—CAMSHAFT

Location	In block above crankshaft	
Material	Cast alloy iron	
Bearings	Material	Steel backed babbitt
	Number	Five
Type of Drive	Gear or chain	Chain
	Crankshaft gear or sprocket material	Steel sprocket
	Camshaft gear or sprocket material	Cast aluminum sprocket
	Timing chain	No. of links	50
Width		.880
Pitch		.500

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Hydraulic	NA
Valve rotator, type (intake, exhaust)	None	
Rocker ratio	1.5:1	1.75:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero .020
	Exhaust	Zero .024
Timing marks on flywheel, damper, other	Torsional Damper	

* Optional on 13480 & 13680 models (RPO L35)

(a) - (#1-4) .0008-.0034; (#5) .0010-.0036

(Continued)



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	3-25-66
MODEL		13200-400-600 327 Cu. In. V-8	275HP L30 | 350HP L79	13800-13480-13680 396 Cu. In. V-8	325HP Std*	360HP L34	375HP L7

ENGINE—VALVE SYSTEM (cont.)

Timing (Including Ramps)	Intake	Opens (°BTC)	32° 30'	54°	40°	56°	54°	
		Closes (°ABC)	87° 30'	108°	102°	114°	102°	
		Duration-deg.	300'	342°	322°	350°	336°	
	Exhaust	Opens (°BBC)	74° 30'	102°	87°	110°	102°	
		Closes (°ATC)	45° 30'	60°	55°	62°	54°	
		Duration-deg.	300°	342°	322°	352°	336°	
Valve opening overlap		78°	114°	95°	118°	108°		
Intake	Material		Alloy steel		Alloy steel, face & head aluminized			
	Overall length		4.870-4.889		5.215-5.235		5.204-5.22	
	Actual overall head dia.		1.935-1.945	2.017-2.023	2.060-2.070		2.185-2.19	
	Angle of seat & face		46° (seat) 45° (face)					
	Seat insert material		None					
	Stem diameter		.3410-.3417		.3715-.3722			
	Stem to guide clearance		.0010-.0027					
	Lift (@ zero lash)		.3987	.4472	.3983	.4614	.5197	
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66		84-96 @ 1.88	94-106 @ 1.88		
		Valve open (lb. @ in.)	170-180 @ 1.26		205-225 @ 1.48	303-327 @ 1.38		
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper					
		Valve open (lb. @ in.)	Spring damper					
	Exhaust	Material		High alloy, steel-aluminized face also aluminized head on 396				
		Overall length		4.913-4.933	4.891-4.910	5.345-5.365		
Actual overall head dia.		1.495-1.505	1.595-1.605	1.715-1.725				
Angle of seat & face		46° (seat) 45° (face)						
Seat insert material		None						
Stem diameter		.3410-.3417		.3713-.3720				
Stem to guide clearance		.0010-.0027						
Lift (@ zero lash)		.3987	.4472	.3983	.4800	.5197		
Outer spring press. and length		Valve closed (lb. @ in.)	78-86 @ 1.66		84-96 @ 1.88	94-106 @ 1.88		
		Valve open (lb. @ in.)	170-180 @ 1.26		205-225 @ 1.48	303-327 @ 1.38		
Inner spring press. and length	Valve closed (lb. @ in.)	Spring damper						
	Valve open (lb. @ in.)	Spring damper						

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	Centrifugally oiled from camshaft bearing
	Cylinder walls	Pressure, jet cross sprayed

*-Optional on 13480 & 13680 models (RPO L35) (Continued)



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	3-25-66
MODEL		275HP L30	350HP L79	325HP Std*	360HP L34	375HP L78	

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type		Gear
Normal oil pressure (lb. @ engine rpm)	30-45 psi @ 1500	50-75 @ 2000
Oil pressure sending unit (elect. or mech.)		Electric
Type oil intake (floating, stationary)		Stationary
Oil filter system (full flow, partial, other)		Full flow
Filter replacement (element, complete)		Element
Capacity of crankcase, less filter-refill (qt.)		4
	**	
Oil grade recommended (SAE viscosity and temperature range)	32° F and above -----	SAE 20W, SAE 20 or SAE 10W-30
	0° F and above -----	SAE 10W, or SAE 10W-30
	Below 0° F -----	SAE 5W or SAE 5W-20
Engine Service Requirement (MM, MS, etc.)		

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single with Cross-over	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, with resonator	Two; reverse flow; Resonators with L79 only
Exhaust pipe dia. (O.D., wall thickness):	(a)	
		2.50 x .073-.091 laminated
Tail pipe diameter (O.D. & wall thickness)		2.00 x .062-.076

ENGINE— CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to induction system			
	Optional				
Control Unit	Make and model				
	Location	Rear of carburetor			
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum			
Complete system	Control method (variable orifice, fixed orifice, other)	Variable Orifice	Fixed Orifice	Variable Orifice	Fixed Orifice
	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	Intake manifold			
Complete system	Air inlet (breather cap, carburetor air cleaner, other)	Breather Cap	Carburetor Air Cleaner	Breather Cap	Carburetor Air Cleaner
	Flame arrestor (screen, check valve, other)	Check Valve	Screen	Check Valve	Screen

* Optional on 13480 & 13680 models (RPO L35)

** SAE 5W-30 can be used as an alternate for 5W, 5W-20 or 10W-30

(a) 2.0 x .084-.104 laminated



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66

MODEL	13200-400-600	327 Cu. In. V-8	
		275HP L30 Manual Trans.	350HP L79 Powerglide Trans. Manual Trans.

ENGINE—EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)		Air Injection			
Air Injection Pump	Type	Semi-articulated vane type			
	Displacement	19.3 cubic inches			
	Drive ratio	1.25:1			
	Drive type	Crankshaft pulley			
	Relief valve (type)	Pressure (plate type)			
	Filter (describe)	None (clean air drawn from 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)	Vacuum actuated anti-backfire valve				
Carburetor	Make	Rochester		Holley	
	Model	7036203	7036202	3890497	
	Barrel size	1.38 (Pr) & 2.25 (Sc)		1.561 (P & S)	
	Idle speed	Drive	600		
		Neutral	700		750
Distributor	Aux. Adv. Systems (type)	None			
	Make	Delco Remy			
	Model	1111152	1111112	1111195	
	Cent'gal adv. in crank degrees @ eng. rpm.	Start (rpm)	900		
		Intermed. points deg. @ rpm	14 @ 1500	25 @ 1500	15 @ 1500
		Max. deg. @ rpm.	26 @ 4100	36 @ 4100	30 @ 5100
	Vacuum adv. in. crank degrees @ eng. rpm.	Start (in Hg)	8		6
		Intermed. points deg. @ in. Hg			
Max. deg. @ in.		15 @ 15.5	15 @ 15.5	15 @ 12	
Vacuum Source	Carburetor				
Timing - Crank degrees @ rpm **	8 BTC	2 ATC	10 BTC		
Cooling System (describe changes)	195° Thermostat Radiator shroud added				
Exhaust System (describe changes)	None				

** At Idle



8

2



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-6
 13800- 396 Cu. In. V-8
 MODEL 13480-13680 325 HP* 360 HP RPO L34
 Manual Trans. | P/G. Trans. | Manual Trans. P/G. Trans.

ENGINE—EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)		Air Injection				
Air Injection Pump	Type	Semi-articulated vane type				
	Displacement	19.3 cubic inches				
	Drive ratio	1.25:1				
	Drive type	Crankshaft pulley				
	Relief valve (type)	Pressure (plate type)				
	Filter (describe)	None (clean air drawn from 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)	Vacuum actuated anti-backfire valve				
Carburetor	Make	Rochester		Holley		
	Model	7036201	7036200	3892339	3892338	
	Barrel size	1.38 (Pr) & 2.25 (Sc)		1.561 (Pr & Sc)		
	Idle speed	Drive	500		550	
		Neutral	500		550	
Distributor	Aux. Adv. Systems (type)	None				
	Make	Delco Remy				
	Model	1111109		1111138		
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	900			
		Intermed. points deg. @ rpm	19 @ 1600			
		Max. deg. @ rpm.	30 @ 5000			
	Vacuum adv. in. crank degrees @ eng. rpm	Start (in Hg)	8		7	
		Intermed. points deg. @ in. Hg				
Max. deg. @ in.		20 @ 17		12 @ 12		
Vacuum Source	Carburetor					
Timing - Crank degrees @ rpm **	4 BTC					
Cooling System (describe changes)	195° Thermostat Radiator shroud added					
Exhaust System (describe changes)	None					

* Optional on 13480 & 13680 models (RPO L35)

** At Idle



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE **MODEL YEAR** 1966 **DATE ISSUED** 10-7-65 **REVISED** 3-25-66
 13200-400-600 13800-13480-13680
 327 Cu. In. V-8 396 Cu. In. V-8
MODEL 275HP L30 | 350HP L79 | 325HP Std* | 360HP L34 | 375HP L78

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 (gals.)	20 (approximately)		
	Filler location	Behind hinged rear license plate(a)		
Fuel Pump	Type (elec. or mech.)	Mechanical		
	Locations	Lower right front of engine		
	Pressure range	5.25-6.50	5.00-6.50	5.00-6.50 psi
Vacuum booster (std., optional, none)		None		
Fuel Filter	Type	Fine mesh plastic strainer in gas tank and		
	Locations	sintered bronze filter in carburetor inlet		
Carburetor	Choke type	Automatic		
	Intake manifold heat control (exhaust or water)	Exhaust		
	Air cleaner type	Standard	Oil wetted paper element	
	Optional			

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
13200 13400 13600	327 Cu In	3-Speed & 4-Speed	Holley or Carter	3876747 3876749	One; 4-Bbl	1.562 Primary & Secondary
		Powerglide	Holley or Carter	3875964 3875966		
	327 Cu In	3-Speed & 4-Speed	Holley	3877413		
	396 Cu In	3-Speed & 4-Speed	Holley	3874898		
13800 13480 13680	325 HP	Powerglide	Holley	3868864	One; 4-Bbl	1.562 Primary & Secondary
		396 Cu In	3-Speed & 4-Speed	Holley			3886087
	360 HP	Powerglide	Holley	3886088		
	396 Cu In	3-Speed & 4-Speed	Holley	3893229		
	375HP					



AMA Specifications—Passenger Car

MAKE OF CAR **CHEVELLE** MODEL YEAR **1966** DATE ISSUED **10-7-65** REVISED **3-25-**
 13200-400-600 13800-13480-13680
 327 Cu. In. V-8 396 Cu. In. V-8
 MODEL **275HP L30 | 350HP L79 | 325HP Std* | 360HP L34 | 375HP L7**

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure			
Radiator cap relief valve pressure		15± l-psi			
Circulation thermostat	Type (choke, bypass)	Choke			
	Starts to open at (°F)	177°-183° F			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM @ 1000 pump rpm	57 @ 4400	82 @ 5200		
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
	Bearing type	Double row ball			
By-pass recirculation type (internal, external)		Internal	External		
Radiator core type (cellular, tube and fin, other)					
Cooling system capacity	With heater (qt.)	15	16	23	
	Without heater (qt.)	14	15	22	
	Opt. equipment-specify (qt.)	17	17	23	
Water jackets full length of cylinder (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		5, staggered	
	Diameter	17.62		18.00	
	Ratio-fan to crankshaft rev.	949.1			
	Fan cutout type	None		(a)	
Bearing type		Double row ball			
*Drive belts (indicate belt used by letter)	Fan	A	D	D	DG
	Generator or alternator	A	D	D	D
	Water Pump	A	D	D	DG
	Power Steering	B	E	E	E
	Air Conditioning	C	F	F	

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V					38° - 42°						
Nominal length (SAE)	54.00	41.20	57.50	55.50	49.50	60.75	43.00				
Width					.380						



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966
		DATE ISSUED	10-7-65 REVISED 3-25-66
		13200-400-600	13800-13480-13680
		327 Cu. In. V-8	396 Cu. In. V-8
MODEL		275HP L30 | 350HP L79	325HP Std* | 360HP L34 | 375HP L78

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy 1983506		
	Voltage Rtg. & Total Plates	12 Volt-66 plate		
	SAE Designation & Amp Hr. Rtg.	61 Amp/hr @ 20 hr rate		
	Location	Right front engine compartment		
	Terminal grounded	Negative		
Generator or Alternator	Make	Delco-Remy		
	Model	1100693		
	Type and rating	Diode rectified (37 Amps)		
	Output at engine idle (neutral)	13 Amps	16 Amps	
	Ratio—Gen. to Cr/s rev.	2.46:1		
Regulator	Make	Delco-Remy		
	Model	1119515		
	Type	Vibrator		
	Cutout relay	Closing voltage @ generator rpm		
		Reverse current to open		
	Regulated	Voltage	13.8-14 @ 85° F	
		Current		
	Voltage test conditions	Temperature	Operating	
Load		3-8 Amperes		
Other		None		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	1107320	1107365	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperatures		
	No load test	Amps	65-100	79.99
		Volts	10.6	10.6
RPM (min)		3600-5600	7800-12000	
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	3-Spd & 4-Spd - Place gearshift in neutral and depress clutch to floor POWERGLIDE - Place control lever in N or P position INITIAL START - Press accelerator pedal to floor once to set automatic choke, then release. Turn ign. to START-release as soon as eng. start		

*-Optional on 13480 & 13680 models (Continued)
(RPO L35).



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66
 13200-400-600 13800-13480-13680
 327 Cu. In. V-8 396 Cu. In. V-8
 MODEL 275HP L30 | 350HP L79 | 325HP Std* | 360HP L34 | 375HP L34

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive shift solenoid			
	Pinion meshes (front, rear)		Rear			
	Number of teeth	Pinion	153		168	
		Flywheel	Manual	153	NA	168	NA
	Flywheel tooth face width	Manual	.4010-.4130		.4100-.4220	
		Auto.	.4010-.4130		.4100-.4220		NA

ELECTRICAL—IGNITION SYSTEM

Coil	Transistorized - Std., Opt., N.A.		NA				
	Make		Delco-Remy				
	Model		1115204				
	Amps	Engine stopped	4.0				
Engine idling		1.8					
Distributor	Make		Delco-Remy				
	Model		1111193	1111195	1111109	1111138	1111100
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	900				
		Intermediate points deg. @ rpm.	14 @ 1500	15 @ 1500	19 @ 1600		
		Max. deg. @ rpm.	26 @ 4100	30 @ 5100	30 @ 5000		
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	8	6	8	7	
		Intermediate points, deg. @ in. Hg.					
		Max. deg. in. Hg.	15 @ 155	15 @ 12	20 @ 17	12 @ 12	
	Breaker gap (in.)		.019				
	Cam angle (deg.)		28°-32°				
Breaker arm tension (oz.)		19-23					
Timing	Crankshaft deg. @ rpm.		8 @ 500	10 @ 700	4 @ 500	4 @ 550	10 @ 550
	Mark location		Torsional Damper				
Spark Plug	Make		AC Spark Plug				
	Model		AC 44		AC 43 N		
	Thread (mm)		14				
	Tightening torque (lb. ft.)		25				
	Gap		.037-.038				
Cable	Conductor type		Linen core impregnated with electrical conducting material				
	Insulation type		Rubber with neoprene jacket				
	Spark plug protector		Hypalon		Silicon		



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	3-25-66
MODEL	3-Speed & 4-Speed	13200-400-600 327 Cu. In. V-8	MO 1*	13800-13480-13680 396 Cu. In. V-8	3-Speed & 4-Speed		

ELECTRICAL—SUPPRESSION

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

ELECTRICAL—INSTRUMENTS AND EQUIPMENT

Speedometer	Make	AC
	Trip odometer (yes, no)	NA
Charge indicator—type	Tell-tale	gauge models-13800
Temperature indicator—type	Tell-tale	gauge models-13800
Oil pressure indicator—type	Tell-tale	gauge models-13800
Fuel indicator—type	Electric gage	
Other	None	
Windshield wiper	Make	Delco
	Type—Standard	Electric, two-speed
	Type—Optional	None
	Vacuum booster provision	None
	Washer provision	Pushbutton-standard
Horn	Type	Vibrator
	Number used	Two
	Amp draw (each)	8.00-11.0 @ 12.5 V

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Chevrolet single dr disc centrifugal		
Type pressure plate springs	Diaphragm, bent finger design		
Total spring load (lb.)	2100-2300	2450-2750	
No. of clutch driven discs	One		
Clutch facing	Material	Woven type asbestos	
	Outside & inside dia.	10.4 & 6.5	11.0 & 6.5
	Total eff. area (sq. in.)	103.5	123.7
	Thickness	.1350 each	.1400 each
	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	



AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	3-2
MODEL		13200-400-600 327 Cu. In. V-8		13800-13480-13680 396 Cu. In. V-8			

DRIVE UNITS—TRANSMISSIONS

Manual 3-speed (std. or opt.)	Standard; 3-Speed Heavy Duty Optional
Manual 4-speed (std. or opt.)	Optional
Manual with overdrive (std. or opt.)	NA
Automatic (std. or opt.)	Powerglide optional with 327 Cu. In. (275HP) and 396 Cu. In. (325HP) & (360HP)

● DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3-Speed(a)	3-SpdHD(b)	4-Speed(c)	4-Speed(d)	4-Speed(e)
		3	3	4	4	4
Transmission ratios	In first	2.54	2.41	2.54	2.52	2.20
	In second	1.50	1.57	1.80	1.88	1.64
	In third	1.00	1.00	1.32	1.46	1.27
	In fourth			1.00	1.00	1.00
	In reverse	2.63	2.41	2.54	2.54	2.26
Synchronous meshing, specify gears		All forward gears				
Shift lever location		Strg column	Floor			
Capacity (pt.)		3	3.5	3		
Type recommended		Meeting Military Spec. MIL-L-2105B				
Lubricant	SAE viscosity number	Summer		SAE 80		
		Winter		SAE 80		
		Extreme cold		SAE 80		

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Type (planetary or other)		
Manual lockout (yes, no)		
Downshift accelerator control (yes, no)		
Minimum cut-in speed		
Gear ratio		
Lubricant	Capacity (pt.) (Overdrive only)	NOT
	Separate filler (yes, no)	
	Type recommended	AVAILABLE
	SAE viscosity number	Summer
		Winter
	Extreme cold	

- (a) - Standard 3-Speed for 327 Cu. In. 275HP engine
 (b) - Available all 327 and 396 Cu. In. engine,
 (c) - 4-Speed for 327 Cu. In. 275 HP engine
 (d) - Available with 327 Cu. In. (350 HP) and all 396 Cu. In. engines,
 (e) - Close ratio available with 327 Cu. In. (350 HP) and 396 Cu. In. (360 HP & 375 HP) only.



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66
 13200-400-600 13800-13480-13680
 327 Cu. In. V-8 396 Cu. In. V-8

MODEL

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide	
Type describe	Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)	Lever on steering column; floor mounted when used with bucket seats on 13800 models	
Selector Pattern	P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position	Drive 1.76 and 1.0 Low and Reverse 1.76	
Max. upshift speeds—drive range	58	69
Max. kickdown speeds—drive range	59	65
Torque converter	Number of elements	3
	Max. ratio at stall	2.10
	Type of cooling (air, liquid)	Water
Lubricant	Capacity—refill (pt.)	6.5
	Type recommended	A Suffix A
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used	One	
Type (exposed, torque tube)	Exposed, unsupported	
Outer diameter x length x wall thickness	Manual 3-speed transmission	3.25 x 60.137 x .065
	Manual 4-speed transmission	3.25 x 60.137 x .065
	Overdrive transmission	NA
	Automatic transmission	3.25 x 60.137 x .065

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

(Continued)



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 3-25-66

	327 V-8	275 HP	350 HP	396 V-8
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DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	
Universal joints	Make	Chevrolet
	Number used	Two
	Type (ball and trunnion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Control Arms
Torque taken through (torque tube or arms, springs)		Control Arms

DRIVE UNITS—REAR AXLE

Description	Semi-floating, overhung pinion gear		
Limited Slip differential, type	Dual disc clutches		
Drive Pinion Offset	1.5		
No. of differential pinions	Two		
Ring gear O.D. (std. ratio)	8.125	8.875	
Pinion adjustment (shim, other)	None		
Pinion bearing adj. (shim, other)	Shim		
Wheel bearing type	Military Spec. MIL-L-2105-B		
Lubricant	Capacity (pt.)	8.125 Ring Gear 3.5; 8.875 Ring Gear 4.0	
	Type recommended	SAE 80	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
	Extreme cold	SAE 80	

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio	3.08	3.31	3.73
No. of teeth	Pinion	12	11
	Ring gear	37	41



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 12-20-65

MODEL

DRIVE UNITS—WHEELS

Type & material	Short spoke disc		
Rim (size and flange type)	Std.	14 x 5J,	SS 396, 14 x 6JK
	Opt.		
Attachment	Type (bolt or stud)	Bolt	
	Circle diameter	4.75	
	Number and size	5 Hex nuts. 7/16-20 NEF-2B	

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.35 x 14.4 (a)	7.75 x 14-4 (b)
	Type - Nylon, etc.	Rayon	
Rev/mile at 50 mph.		803	779
Inflation press. (cold)	Front	24. wagons 22	
	Rear	24. wagons 26	
Optional tires - size and ply		7.35 x 14-4	7.75 x 14-4 Nylon
		7.75 x 14-4	7.75 x 14-8
		7.75 x 14-4 Nylon	
		7.75 x 14-8	

BRAKES—SERVICE

		Standard	Metallic (Opt.)
Type (duo-servo, disc, balanced, etc.)		Duo-Servo 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)		Reverse, self-adjustable, std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine Vacuum Power unit assists master cylinder integral	
Effective area (sq. in.)*		168.9	118.1
Gross lining area (sq. in.)**		168.9	118.1
Swept drum area (sq. in.)***		268.6	
Percent brake effectiveness—front		59.4	
Drum or Rotor	Diameter	Front	9.5
		Rear	9.5
Type and material		Composite: Cast iron rim, steel web	
Rotor (vented or solid)			
No. pistons per caliper			
Wheel cylinder bore	Front	1.12	
	Rear	.9375	
Master cylinder bore		1.00	.875
Available pedal travel		6.70	
Line pressure at 100 lb. pedal load		783	1023
Shoe clearance adjustment		Self-adjusting	

* 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 drum circumference.

- (a) All models except wagons
- (b) Pickups, wagons, and S

(Continued)



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ⁽⁹⁾

MODEL

BRAKES—SERVICE (cont.)				Standard	Metallic (Opt.)
Brake lining	Drum or Disc			Drum	
	Bonded or riveted			Bonded	Welded
	Front Wheel	Material		Molded Asbestos	
		Size (length x width x thickness)	Prim. or out-board	9.01 x 2.5 x .17	
			Second. or in-board	9.01 x 2.5 x .17	
		Segments per shoe		One	
	Rear Wheel	Material		Molded asbestos	
		Size (length x width x thickness)	Prim. or out-board	9.75 x 2.5 x .20	
			Second. or in-board	9.75 x 2.00 x .20	
		Segments per shoe		One	

BRAKES—PARKING

Type of control	Pulley cable linkage, foot pedal apply, handle relea	
Location of control	below instrument panel, left of steering column	
Operates on	Rear service brakes	
if separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)	All welded perimeter frame with front crossmember Rear suspension crossmember and rear crossmember
---	---

STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: tilt achieved with universally-jointing steering shaft at base of steering wheel; 5 inch vertical travel range.	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	16.5	
	Power	16.5	
Turning diameter	Outside front	Wall to wall (l. & r.)	43.1
		Curb to curb (l. & r.)	40.3
	Inside rear	Wall to wall (l. & r.)	24.1
		Curb to curb (l. & r.)	24.7
Outside wheel angle with inside wheel at 20°		18.4°	
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw
		Ratios	Gear	24:1
	Overall		28:1
No. wheel turns		5.48 lock to lock	

(Continued)



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ⁽⁴⁾

MODEL _____

STEERING (cont.)

Power	Type (coaxial, linkage, etc.)		Coaxial
	Make		Saginaw
	Gear	Type	Same as manual
		Ratios	17.5:1 20.4:1
	Gear Overall		
	Pump driven by		Crankshaft Pulley
Number wheel turns		3.98 lock to lock	
Linkage	Type		Parallelogram
	Location (front or rear of wheels, other)		Front of wheels
	Drag link (trans. or longit.)		None
	Tie-rods (one or two)		Two
Steering Axis	Inclination or camber (deg.)		7-3/4 to 8-3/4
	Bearings (type)	Upper	Ball stud with non-metallic bearing surfaces
		Lower	Ball stud with non-metallic bearing surfaces
		Thrust	None
Wheel Alignment (range at rb weight and pressure)	Caster (deg.)		SS & Sedan Pickup, N1 to 0 (curb); Exc. SS & Sedan Pickup, N1-1/2 to N1/2 (curb)
	Camber (deg.)		0 to P1 (curb)
	Toe-in (outside track inches)		1/8 to 1/4 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		Taper roller

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED (a)

MODEL 327 V-8 396 V-8

SUSPENSION—GENERAL

(See Supplemental 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	Geometry of rear suspensions
Special provisions for car jacking	Bumper jack applied outboard of bumper bolt at wheel required for jacking
Shock absorber front & rear	Type
	Make
	Piston dia.
Other special features	

(a)

Delco Products

1.00

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.)	12.59 & 3.63; 148.4 x .612	12.59 & 3.63; 149.9 x .656
	Spring rate (lb. per in.)	250	
	Rate at wheel (lb. per in.)	97	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	HR steel .812	

SUSPENSION—REAR

Type and description	(b)		
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.)	9.74 & 5.50; 120.6 x .536	9.74 & 5.50; 121.4 x .575
	Spring rate (lb. per in.)	100	
	Rate at wheel (lb. per in.)	100	
	Mounting insulation type	None	
	If leaf	No. of leaves	Shackle (comp. or tens)
Stabilizer	Type (link, linkless, frameless)	None	
	Material		
Track bar type	None		

(a) Direct, double acting, hydraulic exc. air booster type on 134 - 13680

(b) Link, two upper and two lower control arms supporting an integral rear beam consisting of cast iron differential carrier with pressed in tubular rear axle shaft housings.

2

3

4

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)

Sedans		Coupes	Conv.	Wagons	Pickup
MODEL	2-Dr.	4-Dr.			

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front					
	Rear doors	Front					
Type of finish (lacquer, enamel, other)		Acrylic lacquer					
Hood counterbalanced (yes, no)		Yes					
Hood release control (internal, external)		External					
Vehicle Indent. No. location		Left front body hinge pillar					
Engine No. location		6-cyl. on crankcase R.H. side of engine, rear of distributor 8-cyl. on top front of R.H. bank of cylinder and case					
Theft protection - type		Shielded ignition lock terminals key removable in "Off" position					
Vent window control method (crank, friction pivot)	Front	Friction pivot					
	Rear	Rear					
Seat cushion type	Front	Formed wire and .75 foam rubber pad (a)					
	Rear	Formed wire and jute & cotton pad (b)					
	3rd seat	None					
Seat back type	Front	Formed wire and cotton					
	Rear	Formed wire and cotton					
	3rd seat	None					
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated					
Side glass type (i.e., curved - tempered plate)		Curved					
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Curved	Plastic	Flat	Curved		
Windshield glass exposed surface area		1107.1					
Side glass exposed surface area							
Backlight glass exposed surface area		935.1(c)	728.9	833.8	768.4	665.2	
Total glass exposed surface area		3395.4	3320.2(c)	4145.3	3186.6	4374.1	2611.5

LAMP HEIGHT AND SPACING

Height above ground to center of bulb	Headlamp	Highest *	25.2	24.6	24.8	25.6
		Lowest	25.2	24.6	24.8	25.6
	Tail	Highest	24.6	24.8	24.6	26.7
		Lowest	24.6	24.8	24.6	26.7
Distance from C.G. of car to center of bulb	Headlamp	Inside	23.9			
		Outside *	30.5			
	Tail	Inside	29.8			32.7
		Outside	29.8			32.7
	Directional	Front	27.2			
		Rear	24.6	24.8	24.6	26.7

* If single headlamps are used enter here.

(a) 13600, 1.75 foam pad; 13800, 1.50

(b) 136-13800 jute and 1" foam pad

(c) Sport Sedan backlight, 812.8; total glass 3352.7



AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)

MODEL _____

CONVENIENCE EQUIPMENT

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

Power windows	Side Windows	NA Models 13100-13200	Optional for all other mod
	Vent Windows	NA	
	Backlight or tailgate	Optional	
Power seats (specify type as well as availability)		Optional - 4-way electric control	
Reclining front seat back		NA	
Front seat headrest		Optional	
Radios (specify type as well as availability)		Optional - AM pushbutton - AM/FM pushbutton	
Rear seat speaker		Optional	
Power Antenna		Optional	
Clock		Standard Models 135-136-13800	Optional for all other mod
Air Conditioner (specify type and availability)		Optional - All weather and custom (recirculating)	
Speed warning device		NA	
Speed control device		Optional	
Ignition lock lamp		NA	
Back up lamp		Standard	
Dome lamp		Standard	
Glove compartment lamp		Standard Models 135-136-13800	Optional for all other mod
Prkg. brake signal lamp		Optional	
Luggage compartment lamp		Optional	
Underhood lamp		Optional	
Courtesy lamp		NA Models 13567-667-767-867	Optional for all other mod
Map lamp		NA	
Auto. trans. quad. lamp		Standard	
Emergency flasher lamp		Optional	
Cornering light lamp		NA	
Instrument Panel Pad		Standard	
Padded Sun Shades		Standard	
Left Hand Outside Mirror		Standard	

AMA Specifications—Passenger Car

MAKE OF CAR CHEVELLE MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED (0)

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear		Front	Rear
				Front	Rear	Front	Rear		
		327	396					327	396
		8-cyl.	8-cyl.					8-cyl.	8-cyl.
CHEVELLE 300									
13211 2-dr. sedan		3245	3460	31	69			3090	3290
13269 4-dr. sedan		3285	3500	31	69			3130	3330
CHEVELLE 300 DELUXE									
13411 2-dr. sedan		3265	3480	31	69			3110	3310
13435 4-dr. wagon		3555	3770	31	69			3400	3600
13469 4-dr. sedan		3300	3514	31	69			3145	3345
13480 sedan pickup		3260	3495	12	88			3125	3325
MALIBU									
13635 4-dr. wagon		3580	3795	31	69			3425	3625
13617 2-dr. coupe		3280	3495	38	62			3125	3325
13667 2-dr. conv.		3380	3595	38	62			3225	3425
13669 4-dr. sedan		3315	3520	31	69			3160	3360
13680 sedan pickup		3295	3510	12	88			3140	3340
13639 4-dr. spt. sedan		3385	3600	31	69			3230	3430
SUPER SPORT 396									
13817 2-dr. coupe		----	3545	38	62			----	3375
13867 2-dr. conv.		----	3640	38	62			----	3470
Accessories & Equipment Differential Weights									Remarks
		327	396						
		8-cyl.	8-cyl.						
Air conditioning		+110	+100						
Brakes, power		+ 9	+ 9						
Heat. r. (delete)		- 25	- 25						
Radio, push button		+ 9	+ 9						
Seat, 4-way power		+ 20	+ 20						
Steering, power		+ 28	+ 30						
Transmission, Powerglide		+ 20	+ 20						
Transmission, 4-speed		+ 7	+ 7						
Engine, 327 V-8		+ 50	--						
Engine, 396 V-8		--	+250						
Radio, AM-FM push button		+ 9	+ 9						
Conv. & Conv.		+ 9	+ 9						

INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Automatic Transmission	1, 16	Linings - Clutch, Brake	14, 18,
Axis, Steering	20	Lubrication	7, 8, 14, 15, 16,
Axle, Rear	1, 17	Luggage Capacity	
Battery	12	Motor, Starting	
Bearings, Engine	5, 6, 7	Muffler	
Belts - Fan, Generator, Water Pump	11	Overdrive	
Body - General Information, types	Title, 1, 2, 22	Piston Pins & Rings	3,
Exterior Dimensions	1	Pistons	3,
Interior Dimensions	2	Power Brakes	3,
Brakes - Parking, Service, Power	18, 19	Power Steering	
Camber	20	Power Teams	
Camshaft	6	Propeller Shaft, Universal Joints	16,
Capacities		Pumps - Oil, Fuel	8, 1,
Cooling System	11	Water	
Fuel Tank	10	Radiator, Hoses	
Lubricants		Ratios - Axle	1, 4,
Engine Crankcase	8	Compression	1, 3,
Transmission and Overdrive	15, 16	Steering	19,
Rear Axle	17	Transmission	15,
Carburetor	4, 9, 10	Rear Axle	1, 4, 1
Caster	20	Regulator - Generator	1
Choke, Automatic	10	Rims	1
Clutch - Pedal Operated	14	Rings, Piston	1
Coil, Ignition	13	Rods - Connecting	
Connecting Rods	5	Shack Absorbers, Front & Rear	2
Convenience Equipment	23	Spark Plugs	1
Cooling System	11	Speedometer	1
Crankcase Ventilation	8	Springs - Front & Rear Suspension	2
Crankshaft	5	Valve, Engine	
Cylinders and Cylinder Head	3	Stabilizer (Sway Bar) - Front & Rear	2
Distributor - Ignition	13	Starting Motor	1
Electrical System	12, 13, 14	Steering	19, 2
Engine		Suppression - Ignition, Radio	1
Bore, Stroke, Displacement, Type	1, 3	Suspension - Front & Rear	2
Compression Ratio	1, 3	Tailpipe	
Firing Order, Cylinder Numbering	3	Thermostat, Cooling	1
General Information, H.P. & Torque	1, 3	Timing, Engine & Valve	6, 7, 1
Lubrication	7, 8	Tires	1, 1
Power Teams	4	Toe in	2
Exhaust Emission Control	9	Torque Converter	1
Exhaust System	8	Torque - Engine, Rated	1, 3,
Equipment Availability	22	Transmission - Types	1, 4, 10, 15, 1
Fan, Cooling	11	Automatic	1, 4, 10, 15, 1
Filters - Engine Oil, Fuel System	8, 10	Manual & Overdrive	1, 4, 10, 1
Frame	19	Ratios	15, 1,
Front Suspension	21	Track	
Fuel, Fuel Pump, Fuel System	1, 3, 10	Trunk Luggage Capacity	
Fuel Injection	1, 10	Turning Diameter	1
Generator and Regulator	12	Unitized Construction	1
Glass	22	Universal Joints, Propeller Shaft	16, 1
Height (Lamps)	14	Valves - Intake & Exhaust	6,
Headroom - Body	2	Vibration Damper	
Heights - Overall	1	Voltage Regulator	1
Horns	14	Water Pump	1
Horsepower - Brake	1, 3, 4	Weights - Shipping, Curb	2,
Ignition System	13	Wheel Alignment	20
Inflation - Tires	18	Wheelbase	
Instruments	8, 14	Wheels & Tires	1,
Kingpin (Steering Axis)	20	Wheel Spindle	20
Lamp Height & Spacing	22	Widths - Car & Body	
Legroom	2	Windshield	2
Lengths - Overall	1	Windshield Wiper	1
Lifters, Valve	6		

