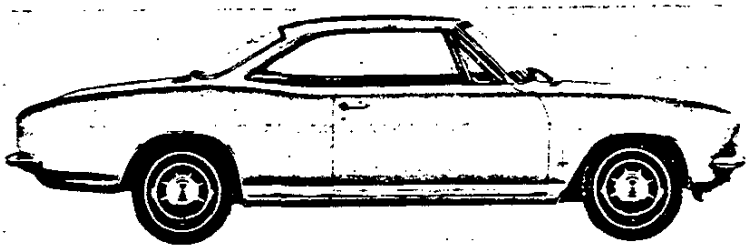
GENERAL



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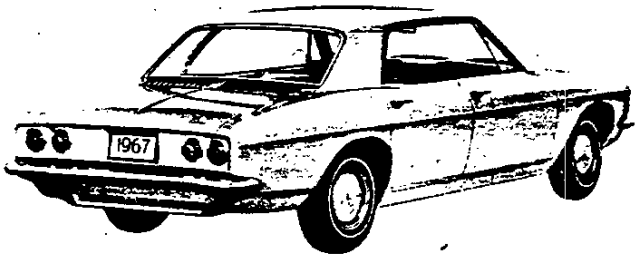
MODEL IDENTIFICATION

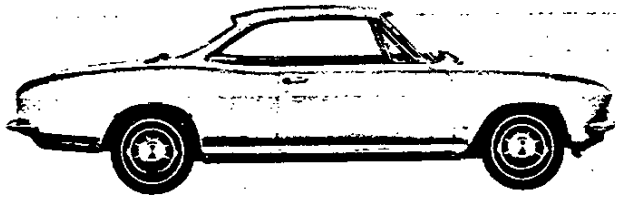
CORVAIR 500—10100 SERIES

MODEL 10137 2-DOOR SPORT COUPE, 5-PASSENGER
MODEL 10139 4-DOOR SPORT SEDAN, 6-PASSENGER



CORVAIR MONZA—10500 SERIES

MODEL 10537 2-DOOR SPORT COUPE, 4-PASSENGER
MODEL 10539 4-DOOR SPORT SEDAN, 5-PASSENGER
MODEL 10567 2-DOOR CONVERTIBLE, 4-PASSENGER



SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE SERIAL NUMBER

Example:

Model	Model Year	Assembly Plant	Unit Number
	1967	(Willow Run)	(25th unit)
10137	7	W	100025

Thus: The 25th model built at Willow Run would be serial number 101377W100025

ASSEMBLY PLANTS

W - Willow Run

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

Location ---------- On plate on L.H. rear top of side rail rearward of battery retaining unit

ENGINE IDENTIFICATION

Example: RA 0212 T

Source¢ Designation	Production* Month and Day	Type Designation
T(Tonawanda)	0212	RA

164 cubic inch 6-cylinder, P-6 (101-10500)
RA - Regular production engine, 3 or 4-speed
RG - Regular engine, Powerglide

164 cubic inch 6-cylinder, P-6 (RPO L62) (101-10500)
RD - Optional engine, 3 or 4-speed
RH - Optional engine, Powerglide

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

Location ---------- Stamped on top of crankcase at rear of engine rear center, right of generator

REAR AXLE IDENTIFICATION

Example: AA 0212 B

Type Designation	Production* Month and Day	Source¢ Designation
AA	0212	W(Warren)

AA ----- 101-10500 3-speed, 4-speed, PG ------ 3.27:1
AF ----- (RPO L62) 101-10500 Powerglide ----- 3.55:1

* - Month: June, 06; 12th day of June, 12
¢ - G-Gear & Axle, B-Buffalo, W-Warren

Location ---------- Number stamped on lower left side of differential carrier

• TRANSMISSION IDENTIFICATION

Example: S7E01

Plant and Type Designation	Production Month & Date-o
S	501D*

Prefix	Plant	
S	Saginaw ----------	3-speed
R	Saginaw ----------	4-speed
T	Toledo ----------	Powerglide

Location:
3-Speed & 4-speed ---------- Stamped on right hand side of the case in the upper forward corner.
Powerglide ---------- Stamped on the top of the case at the rear.

o - Month: 5 denotes May; 01 denotes 1st day.
* - The letter "D" or "N" following the date numerals, indicates day or night shift.

REGULAR EQUIPMENT—EXTERIOR

Bright Metal Trim & Moldings	Stainless Steel	Back window reveal molding	All exc. conv.
		Body belt molding - rear	10567
		Roof drip gutter molding	10537-39
		Roof reveal molding (w/strip retainer)	All exc. 10567
		Wheel trim covers	10500
		Windshield header and pillar moldings	10567
		Windshield reveal molding	All
	Anodized Aluminum	Back-up lamp bezels	All
		Body sill molding	10500
		Headlamp and tail lamp bezels	All
		Parking lamp bezels	All
		Rear cove reveal molding	10500
		Wheel opening moldings - front and rear	10500
	Chrome Plated Metal	Engine compartment lid nameplate "Corvair"	All
		Front panel nameplate "Corvair"	All
		Front panel emblem	All
		Front door vent glass channel and post	All
		Front door vent glass frame	All
		Front fender series nameplate	10100
		Front fender series emblem	10500
		Hub caps	10100
		Outside L.H. rear view mirror	All
Back-up lamps			All
Exhaust grille - engine air (silver painted)			10500
Filler - left front fender gasoline			All
Horn - single			10100
Horns - dual			10500
Lamp - rear license			All
Top - counterbalanced manual folding			Convertibles
Wipers - dual electric two-speed windshield with washers, satin-chrome hardware			All

Bright Metal Trim & Moldings	Door and window control handles - colored plastic knobs	All
	Door sill plates	All
	Rear view mirror, day-night padded frame	All
	Seat adjuster handle	All
	Sunshade supports	All
Instrument Panel	Ash tray	All
	Cigarette lighter and ash tray	All
	Control knobs - "mushroom" type - bright	All
	Glove box door series emblem	10500
	Glove box lock	All
	Nameplate - lights - wiper	All
	Ignition lock and starter switch-"4 position"	All
	Instrument panel trim plates - black texture	10500
	Instrument cluster trim plate - painted	10100
	Instrument panel pad - padded	All
	Brake system failure indicator, parking brake alarm	All
	Vent control knobs - color-keyed	All
Interior Lights	Glove box lamp	10500
	Roof center dome	All exc 10567
Steering Wheel	3-spoke oval with horn button	All
Armrests - front door		All
Armrests with ash trays - rear door or rear quarter		10500
Coat hooks (2) - soft plastic, colored		All exc 10567
Four-way hazard flasher		All
Freeway lane change signal		All
Hearer - perimeter		All
Locking buttons - door		All
Mat - luggage compartment		10500
Seat belts-front and rear push-button (retractors on front)		All
Seat - folding rear		10500 exc 67
Seats - front bucket (with seat back lock)		10500
Seats - rear bench (stationary seat back)		10100
Seats - front bench (seat back lock on 37)		10100
Seat - front bench (stationary)		10139
Sunshades - dual, padded		All
Switch - front door jamb		10500
Switch - manual dome lamp (main switch)		All
Ventipanes - friction pivot front		All

REGULAR PRODUCTION OPTIONS AND DEALER INSTALLED ACCESSORIES

Equipment	RPO	/ACC	Models
Air cleaner, pre-oil bath	K47		10000
Air conditioning, All-Weather	C64		10000
Air injection reactor equipment	K19		10000
Appearance Guard Group (Items available as a group or as separate options)			
Custom deluxe front and rear seat belts (with front retractors)			10000
Door edge guards			10000
Front bumper guards			10000
Rear bumper guards			10000
Rubber twin front and rear floor mats			10000
Auxiliary Lighting Group (Items available as a group or as separate options)			
Ash tray lamp			10000
Instrument panel courtesy lamps			10000 exc conv
Glove box lamp			10100
Luggage compartment lamp			10000
Underhood lamp			10000
Battery, heavy duty	T60		10000
Carrier, deck lid luggage		ACC	10000
Carrier, ski equipment (deck lid)		ACC	10000
Clock, electric	U35	ACC	10000
Compass, auto		ACC	10000
Emergency road kit		ACC	10000
Engines			
110 hp Turbo-Air 164 cu.in. P-6	L62		10000
Fire extinguisher		ACC	10000
Floor mats, rubber full width front		ACC	10000
Floor mats, rubber twin front and rear	B37	ACC	10000
Generator, Delcotron (12-47 amp)	K84		10000
Glass, tinted window	A01		10000
Glass, tinted windshield	A02		10000
Guard, gas filler door		ACC	10000
Guards, door edge	B93	ACC	10000
Guards, front bumper	V31	ACC	10000
Guards, rear bumper	V32	ACC	10000
Headrest, conventional type front seat	A82		10100
Headrest, special contour type seat	AS2		10500
Heater-defroster deletion	C48		10000
Lamp, ash tray	U28	ACC	10000
Lamp, glove box	U27	ACC	10100
Lamp, luggage compartment	U25	ACC	10000
Lamps, instrument panel courtesy	U29	ACC	10000 exc conv
Lamp, underhood	U26	ACC	10000
Litter container, instrument panel mounted		ACC	10000
Litter container, saddle type		ACC	10000
Lock, gas filler cap		ACC	10000
Lock, spare wheel	P19	ACC	10000
Locks, rear door safety		ACC	10000 4-door
Mirror, remote control outside rear view	D33		10000
Mirror, visor vanity		ACC	10000

Equipment	RPO	/ACC	Models
Radio and front antenna, manual AM		ACC	10000
Radio and front antenna, push-button AM	U63	ACC	10000
Radio and front antenna, push-button AM-FM	U69	ACC	10000
Radio antenna, front fixed height		ACC	10000
Radio antenna, front manual		ACC	10000
Radio antenna, rear manual	U73	ACC	10000
Foundation Group (Items available as a group or as separate options)			
Electric clock			10000
Push-button AM radio with front antenna			10000
Radio speaker, rear seat	U80	ACC	10000
Radio stereo		ACC	10000
Rear Axle			
3.55 ratio	G95		10000
Positraction	G81		10000
Seat belt, rear center - used with Custom deluxe seat belts	AL5		101-10539
Seat belt, rear center - used with Standard seat belts	A68		101-10539
Seat belts, custom deluxe front and rear (with front retractors)	A39		10000
Seat, folding rear	A67		10100
Seat pad, ventilated		ACC	10000
Shoulder harness, front seat - used with custom deluxe seat belts	A85	ACC	10000
Shoulder harness, front seat - used with standard seat belts	AS1		10000
Speed warning indicator	U15		10000
Spotlamp, hand portable		ACC	10000
Steering shaft, telescopic	N36		10000
Steering, special	N44		10000
Steering wheel, deluxe	N30		10000
Steering wheel, wood-grained plastic	N34		10000
Stereo tape equipment	U57	ACC	10000
Suspension, special performance front and rear	F41		10000
Tires			
7.00-13-4pr whitewall rayon	P54		10000
Tissue dispenser, instrument panel mounted		ACC	10000
Top, folding convertible	C05		10567
Top, power convertible	C06		10567
Trailer hitch		ACC	10000
Trailer wiring harness		ACC	10000
Transmissions			
4-speed transmission	M20		10000
Powerglide transmission	M35		10000
Wheel trim covers	P01	ACC	10100
Wheel trim covers, mag-style	N96	ACC	10000
Wheel trim covers, simulated wire	P02	ACC	10000

AIR CONDITIONING EQUIPMENT

ALL WEATHER (RPO C64)

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 - Refer to Power Trains Section	

POWER TRAINS

Crankshaft Pulley	Dual
Compressor & Crankshaft Belt	One*
Generator	47 Ampere

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

DIMENSIONS AND WEIGHTS

INTERIOR DIMENSIONS

FRONT COMPARTMENT

CODE	DESCRIPTION	SPORT SEDANS		SPORT COUPES		CONVERT-IBLE
		BENCH	BUCKET	BENCH	BUCKET	
H3	Seat cushion height	10.0	9.9	10.0	9.9	
H11	Entrance height	30.1		30.0	30.1	30.0
H13	Steering wheel thigh clearance	3.1	3.0	3.1	3.0	
H30	H point to heel point	7.4		7.6	7.4	
H32	Seat cushion deflection	3.8	4.0	3.6	4.0	
H50	Upper body opening to ground	47.9				
H58	H point rise	.5				
H61	Effective headroom	37.6	37.5		37.7	38.5
H70	H point to body O line	11.8	11.9	12.0	11.9	
H75	Effective headroom	37.4	37.6	37.8	37.7	38.5
W3	Shoulder room	54.7				
W5	Hip room	56.1				
L7	Steering wheel torso clearance	12.0		12.1	12.0	
L17	H point travel	4.0				
L34	Effective leg room	41.1	40.9	41.1	40.9	

REAR COMPARTMENT

H8	Seat cushion height	11.6	11.7	9.8	9.9	
H12	Entrance height	30.0	30.2	---		
H31	H point to heel point	10.3	10.2	8.8	9.0	
H33	Seat cushion deflection	3.2	3.4	4.2	4.3	4.2
H51	Upper body opening to ground	47.7		---		
H63	Effective headroom	36.4	36.6	36.4		38.2
H71	H point to body O line	11.6	11.4	10.1		
H76	Effective headroom	36.6	36.4	36.3		38.1
W4	Shoulder room	54.3		52.7		47.9
W6	Hip room	56.1		54.8	54.9	48.2
L3	Rear compartment room	26.6	23.2	23.8	23.2	23.8
L50	H point couple distance	32.0	32.2	28.6		28.8
L51	Effective leg room	35.4	34.6	30.8	30.5	30.8

LUGGAGE COMPARTMENT

---	Compartment opening width	47.8
---	Compartment interior height	22.0
---	Compartment interior width	67.5
---	Compartment interior length	35.5
H195	Compartment loading height	28.6
V1	Usable luggage capacity (cu.ft.)	7.0
---	Total compartment volume (cu.ft.)	13.3

EXTERIOR DIMENSIONS

LENGTHS

CODE	DESCRIPTION	SPORT SEDANS	SPORT COUPES	CONVERT-IBLE
L101	Wheelbase		108.0	
L102	Tire size (standard)		7.00 x 13	
L103	Overall length		183.3	
L104	Overhang - front		33.0	
L105	Overhang - rear		42.3	
----	Overall length - less bumpers		179.7	
L127	Body O line to C/L of rear wheels		99.0	
L128	Hood length at centerline		51.6	

WIDTHS

W101	Tread - front		55.0	
W102	Tread - rear		56.6	
W103	Maximum overall width of car (W107)		69.7	
W106	Front fender overall width		69.3	
W107	Rear fender overall width		69.7	
W120	Overall car width, front doors open	131.3	149.4	
W121	Overall car width, rear doors open	127.7	---	

HEIGHTS

H101	Overall height (design)	51.2	51.3	51.5
----	Overall height (curb)	52.7	52.8	53.0
H102	Front bumper to ground		16.8	
H104	Rear bumper to ground		16.6	
H111	Rocker panel to ground - rear		7.6	
H112	Rocker panel to ground - front		8.0	
H114	Hood at rear to ground		35.8	
H115	Step height - front (design)		13.4	
H116	Step height - rear (design)	13.2	---	
H125	Headlamp to ground		23.5	
H126	Tail lamp to ground		24.7	
H130	Step height - front (curb)		14.8	
H131	Step height - rear (curb)	14.6	---	
H136	Body O line to ground - front		6.0	
H137	Body O line to ground - rear		6.0	

CLEARANCES

H106	Angle of approach (degrees)	26
H107	Angle of departure (degrees)	16
H147	Ramp breakover angle (degrees)	14
H148	Front suspension to ground	7.0
H149	Oil pan to ground	6.8
H150	Flywheel housing to ground	6.5
H151	Frame to ground	6.8
H152	Exhaust system to ground	6.5
H153	Rear axle to ground	6.5
H154	Fuel tank to ground	7.4
H155	Tire well to ground	Mounted over engine
H156	Minimum ground clearance(H150-2-3)	6.5

VEHICLE WEIGHTS

CORVAIR 500

VEHICLE TYPE		SHIPPING WEIGHT			CURB WEIGHT		
Model	Description	From	Rear	Total	Front	Rear	Total
10137	2-Door Sport Coupe 6-cylinder	830	1605	2435	910	1615	2525
10139	4-Door Sport Sedan 6-cylinder	840	1630	2470	920	1635	2555

MONZA

10537	2-Door Sport Coupe 6-cylinder	840	1625	2465	920	1635	2555
10539	4-Door Sport Sedan 6-cylinder	880	1635	2515	960	1645	2605
10567	2-Door Convertible 6-cylinder	945	1750	2695	1025	1755	2780

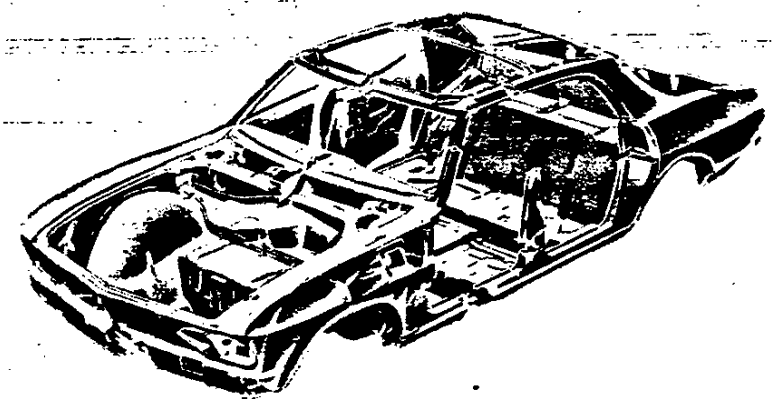
SHIPPING WEIGHT: Weight of basic vehicle with regular equipment and grease and oil. Weight of gasoline and water not included.

CURB WEIGHT: Weight of empty vehicle ready to drive. Shipping weight plus the weight of gasoline.

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

RPO	Option	Weight
A67	Folding Rear Seat	+ 21
C48	Less Heater	- 29
C64	Air Conditioning	+102
L62	High Performance Engine	+ 3
M20	Four-Speed Transmission	+ 1
M35	Powerglide Transmission	- 8
T60	Heavy Duty Battery	+ 15
U63	Radio - Push-Button	+ 9
U69	Radio - AM-FM Push-Button	+ 10

BODY



EXTERIOR PAINT PROCESS

1. RUSTPROOFING. Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.

2. BODY AND SHEET METAL PRIMERS. Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.

3. PRIMER COAT is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F. for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring another coat of lacquer.

4. FLASH PRIMER AND PRIMER-SURFACER COATS. An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.

5. INITIAL SANDING. Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.

6. LACQUERING. Three coats of acrylic lacquer are spread on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.

7. INITIAL BAKING. To harden the paint for final sanding, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.

8. FINAL SANDING. To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.

9. FINAL BAKING. To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.

10. UNDERCOATING. To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.

●11. PAINT REPAIR AND PROTECTION. Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

CORVAIR 500--10100 SERIES

		INTERIOR TRIM COLORS AND RPO NUMBERS		
		Black	Med. Fawn	Blue
EXTERIOR		Models 10137,39		
RPO	COLOR	751	703	721
AA	Black	X	X	X
CC	White	X	X	X
DD	Med. Blue	X		X
EE	Dk. Blue	X		X
FF	Brt. Blue	X		X
GG	Gold	X	X	
HH	Med. Green	X	X	
KK	Med. Turquoise	X	X	
LL	Dk. Turquoise	X	X	
MM	Plum	X		
NN	Maroon	X	X	
RR	Red	X		
SS	Fawn	X	X	
TT	Cream	X	X	
YY	Yellow	X	X	
Two-Tone (Lower/Upper) (a)				
CD	White/Med. Blue			X
DC	Med. Blue/White			X
DE	Med. Blue/Dk. Blue			X
ED	Dk. Blue/Med. Blue			X
GT	Gold/Cream	X	X	
ST	Fawn/Cream	X	X	

(a) Available on 10139 only.

CORVAIR MONZA—10500 SERIES

		INTERIOR TRIM COLORS AND RPO NUMBERS		
		Black	Gold	Brt. Blue
EXTERIOR		Models 10537,39,67		
RPO	COLOR	758	713	722
AA	Black	X	X	X
CC	White	X	X	X
DD	Med. Blue	X		X
EE	Dk. Blue	X		X
FF	Brt. Blue	X		X
GG	Gold	X	X	
HH	Med. Green	X		
KK	Med. Turquoise	X		
LL	Dk. Turquoise	X		
MM	Plum	X		
NN	Maroon	X	X	
RR	Red	X		
SS	Fawn	X	X	
TT	Cream	X	X	
YY	Yellow	X		
Two-Tone (Lower/Upper) (a)				
CD	White/Med. Blue			
DC	Med. Blue/White			
DE	Med. Blue/Dk. Blue			
ED	Dk. Blue/Med. Blue			
GT	Gold/Cream	X	X	
ST	Fawn/Cream	X	X	

(a) Available on 10539 only.

Convertible top: White standard, black or med. blue optional.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type ---------- Integral, with step-down underbody floor, front and rear side rail type members, front and rear end sheet metal components welded to the body assembly, and protective inner fender skirts

DOORS AND LOCKS

Door construction (front and rear) ------ Two full steel welded panels hinged at front

Door handles ---------- Push-button with fork type door latches. Inside push-button locks and 2-position free-wheeling inside door handles on all doors

Door ventipanes ---------- Friction type

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

HOOD AND DECK LID

Type ---------- Dual panel construction, torsion rod counterbalanced luggage compartment lid with external keylock release, telescoping link engine compartment lid with external release lever. Engine compartment air intake beneath rear window providing plenum chamber arrangement with air to engine compartment and water separation and drain off.

WINDSHIELD WIPERS

Type ---------- Positive action dual 2-speed electric

Linkage ---------- Parallel acting

SEAT CONSTRUCTION

Type ---- Front seat cushion

1.25 poly foam ---------- 10100

1.50 foam rubber ---------- 10500

Rear seat cushion

Jute and cotton ---------- 10100,10537,67

1.75 poly foam ---------- 10539

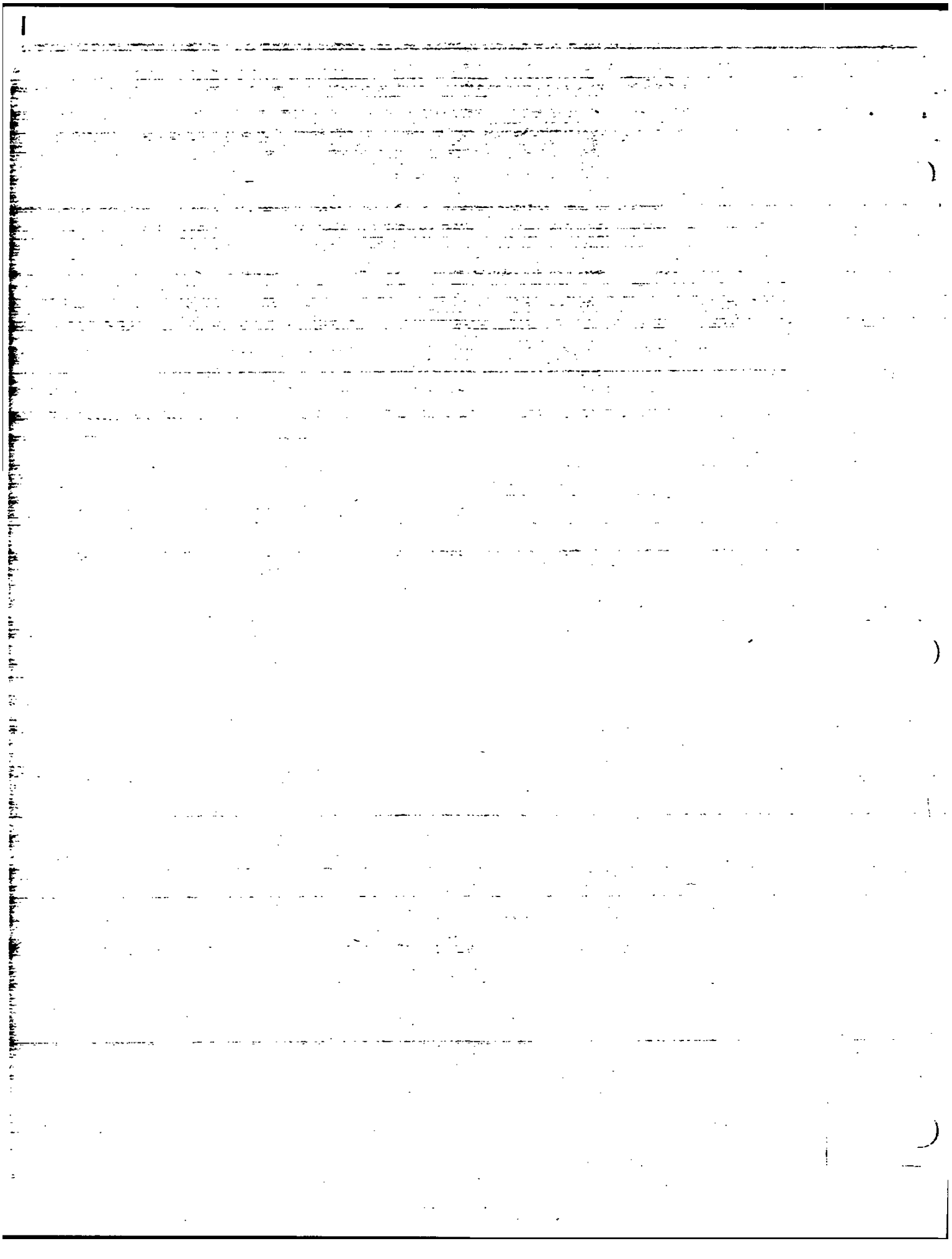
SPARE TIRE MOUNT

Location ---------- Right rear corner in engine compartment. Tools consist of scissors jack and combination wheel nut wrench and lever handle stored under tire

BODY GLASS

LOCATION	TYPE*	MODELS		
		37	39	67
Windshield	One-Piece	1009.1		
Front Door Window	Pivoting Ventipane	51.6		
	Roll Down	821.1	606.0	821.1
Rear Door Window	Roll Down		726.8	
Rear Quarter Window	Roll Down	443.9		244.2
Back Window	One-Piece	1224.7	814.4	865.0
Total Visibility (Sq.In.)		3550.4	3207.9	2991.0

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



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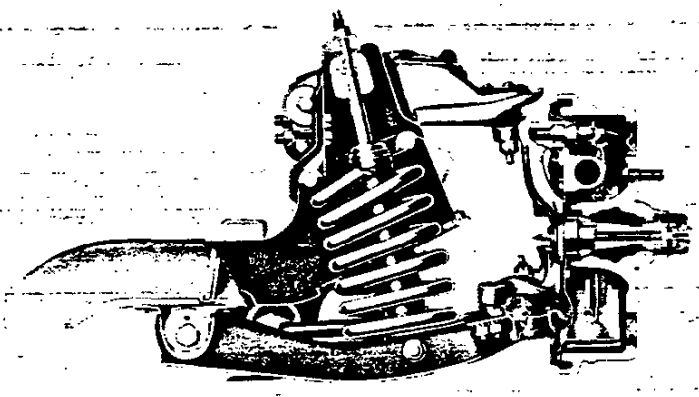

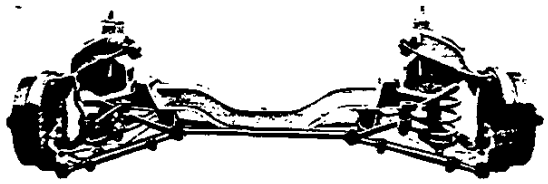

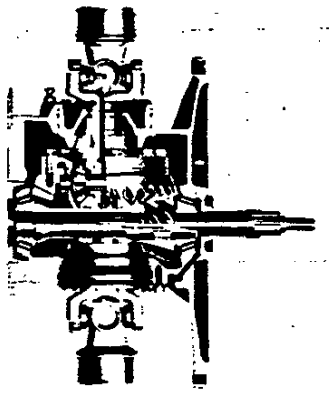

FRAME AND FRONT SUSPENSION

FRAME
- Description ---------- Integral, with step down underbody floor, front and rear side rail type members, and front and rear end sheet metal components welded to body assembly

FRONT SUSPENSION
- Description ---------- Independent SLA type, with coil springs and concentric shock absorbers, spherically jointed steering knuckles for each wheel.
- Wheel travel, design height
  - Total ---------- 7.15
  - Jounce ---------- 3.70
  - Rebound ---------- 3.45
- Wheel to spring, travel ratio ---------- 1.63:1

CONTROL ARMS
- Description ---------- Reinforced steel stamping with pre-load steel enclosed 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 (mod.)
- Wheel bearings ---------- Taper roller, two per spindle

SPHERICAL JOINTS
- Type ---------- Ball studs, lower self-adjusting for wear
- Bearing surface
  - Upper (Two) ---------- Teflon-cotton and teflon-coated phenolic composition
  - Lower ---------- Teflon-cotton composition

SHOCK ABSORBERS
- Type ---------- Direct, double acting; hydraulic
- Piston diameter ---------- 1.00

STABILIZER BAR
- Type ---------- Link
- Material ---------- HR steel
- Diameter ---------- .812

FRONT WHEEL ALIGNMENT
- Camber (degrees) ---------- P1/2 to P1-1/2
- Caster (degrees) ---------- P1-3/4 to P2-3/4
- Toe-in (total) ---------- 3/16 to 5/16
- SAI (degrees) ---------- 6 to 7

GENERAL SUSPENSION PROVISIONS
- Car leveling ---------- Front stabilizer bar
- Anti-dive control ----- Angle of front upper control arm

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
3857688	A	Coil, R.H. helix	AISI A-5160	101.42	.447	3.453	12.57	6.42 @ 800	130	73
3857690	B			101.88	.465	3.453	12.28	6.42 @ 880	150	80

Engine	164 Cu.In. 6-Cylinder				
Models	10100		10500		
	39	37	39	37	67
Ref.	A	A	A	A	B

MANUAL STEERING

Description	Semi-reversible, recirculating ball nut gear with integral shaft. Telescoping shaft available as an option.
Ratio	Gear, 18:1, overall, 23.3:1
RPO N44 fast ratio	Gear, 14:1, overall, 18.1:1
Turning diameters (ft)	
Outside front, wall to wall	39.3
Outside front, curb to curb	37.0
Inside rear, wall to wall	19.2
Inside rear, curb to curb	20.1
Number of wheel turns, lock to lock	4.50
Outside wheel angle with inside wheel	
@ 15 degrees	13.7
@ 20 degrees	18.0
@ 38.1 degrees (limit of turn)	35.0
Linkage	Parallelogram, front of wheels, 2 tie rods
Steering wheel	
Type	Deep dished, 16.25 dia.

DRIVELINE — Shaft common to transmission and differential carrier

WHEELS

Type	Short spoke, full disk
Attachment to hub	5 hex nut, 7/16-20 UNF-2B arranged on a 4.75 dia. bolt circle
Offset	1.00
Size	13 x 5.5J

TIRES

Construction	4 ply rating-2 ply
Size	7.00 x 13

SERVICE BRAKES (Standard)

● Type	Dual-circuit; brake system warning and parking brake light, and reverse self-adjusting brakes.
Line pressure (psi @ 100 lb pedal load)	838
Braking ratios	
Pedal	6.58
Hydraulic	3.29
Overall	21.60
Distribution of braking effort	
● Front wheels (theoretical, percent)	46.6
Brake drum	
Diameter, front & rear	9.50
Construction	Composite, web cast into rim
Material	
Web	HR steel
Rim	Cast iron alloy
Swept drum area (sq.in.)	268.6
Brake lining	
Material	Full molded asbestos composition
Length	Primary shoe, 9.01 Secondary shoe, 9.75
Width	Front, 2.00; rear, 2.50
Thickness, minimum @ C/L	Primary .17 Secondary .20
Method of attachment	Bonded
Total effective area (sq.in.)	168.9
Gross lining area (sq.in.)	168.9
Master cylinder	
Piston diameter	1.00
Piston travel	1.00
Wheel cylinder	
Piston diameter	Front, .875; rear, .9375
● Foot pedal travel	7.2

PARKING BRAKE

Type	Mechanical pull-rods, pulleys, and cables operate rear service brakes
Total effective area (sq.in.)	93.8
Control	Hand-grip ratchet type with trigger-release in grip located under instrument panel to left of steering column

TIRE SPECIFICATIONS

		7.00 x 13-4PR
● Static loaded radius		11.7
● Loaded rev/mi @ 50 MPH		840
Capacity (lb @ psi)		850 @ 15 1260 @ 30*
Recommended pressure (cool)	Front	15
	Rear	30

● * Monza Coupe and Convertible rear tire pressure is 28 PSI, rated at 1210@28 PSI.

REAR AXLE AND SUSPENSION

REAR AXLE
- Description ---------- Semi-floating, straddle mounted hypoid gear with differential carrier mounted to engine. Differential carrier contains hypoid gear with overhung pinion gear supported by two taper roller bearings
- Pinion offset ---------- (Vert) 1.75
- Pinion bearing adjustment ---------- Shim
- Hypoid gear PD ---------- 6.750
- Type ---------- Military Spec. MIL-L-2105-B
- Viscosity ---------- SAE 80
- Filler plug ---------- 3/4 pipe plug
- Capacity (pts) ---------- 4.0
- Ratios (standard)
- 3 & 4-speed ---------- 3.27
- Powerglide
- Base engine ---------- 3.27
- ● RPO L62 & L63 ---------- 3.55
- Differential type ---------- 2 pinion

AXLE SHAFT
- Type ---------- Welded steel tubing incorporating universal joint at each end. Brake drum flange integral with axle which is universally-joined to axle shaft.
- Axle bearings
- Type ---------- Tapered roller, 2 per wheel inner and outer bearing seals steel encased rubber

HYPOID AND PINION GEAR TOOTH COMBINATIONS
- 3.27 (6.75 hypoid gear) ---------- 36,11
- 3.55 (6.75 hypoid gear) ---------- 32,9

POSITRACTION DIFFERENTIAL (see Power Trains)
- Type ---------- Two pinion, disc clutch at one side

REAR SUSPENSION
- Description ---------- Fully independent with engine mounted differential, locus of each wheel established by three links: universally-jointed axle drive shaft and adjacent strut, and torque control arm pivoted at frame side rail. Vertical suspension loads taken by shock absorbers and and coil springs attached to the torque control arm
- Wheel travel, (design)
- Total ---------- 7.47
- Jounce ---------- 3.02
- Rebound ---------- 4.45
- Wheel to spring, travel ratio ---------- 1.1:1

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

REAR WHEEL ALIGNMENT
- Curb
- Camber (degrees) ---------- P1/2 to P1-1/2
- Toe-in (total) ---------- 3/16 to 5/16

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
3859201	A	Coil, R.H. helix	AISI A-5160	117.53	.538	4.20	14.46	7.78 @ 1070	160	160
3869202	B			117.53	.538	4.20	14.84	7.78 @ 1130	160	160

●

Engine	164 Cu. In. 6-Cylinder				
Models	10100		10500		
	39	37	39	37	67
Ref.	A	A	A	A	B

MANUAL STEERING
- Description ---------- Semi-reversible, recirculating ball nut gear with integral shaft. Telescoping shaft available as an option.
- Ratio ---------- Gear, 18:1, overall, 23.3:1
- RPO N44 fast ratio ------- Gear, 14:1, overall, 18.1:1
- Turning diameters (ft)
  - Outside front, wall to wall ---------- 39.3
  - Outside front, curb to curb ---------- 37.0
  - Inside rear, wall to wall ---------- 19.2
  - Inside rear, curb to curb ---------- 20.1
- Number of wheel turns, lock to lock ---------- 4.50
- Outside wheel angle with inside wheel
  - @ 15 degrees ---------- 13.7
  - @ 20 degrees ---------- 18.0
  - @ 38.1 degrees (limit of turn) ---------- 35.0
- Linkage ---------- Parallelogram, front of wheels, 2 tie rods
- Steering wheel
  - Type ---------- Deep dished, 16.25 dia.

DRIVELINE ---------- Shaft common to transmission and differential carrier

WHEELS
- Type ---------- Short spoke, full disk
- Attachment to hub -------- 5 hex nut, 7/16-20 UNF-2B arranged on a 4.75 dia. bolt circle
- Offset ---------- 1.00
- Size ---------- 13 x 5.5J

TIRES
- Construction ---------- 4 ply rating-2 ply
- Size ---------- 7.00 x 13

SERVICE BRAKES (Standard)
- Type ---------- Dual-circuit brake system with malfunction warning lamp and reverse self-adjusting brake
- Line pressure (psi @ 100 lb pedal load) ---------- 838
- Braking ratios
  - Pedal ---------- 6.58
  - Hydraulic ---------- 3.29
  - Overall ---------- 21.60
- Distribution of braking effort
  - Front wheels (theoretical, percent) ---------- 46
- Brake drum
  - Diameter, front & rear ---------- 9.50
  - Construction --------- Composite, web cast into rim
  - Material
    - Web ---------- HR steel
    - Rim ---------- Cast iron alloy
  - Swept drum area (sq.in.) ---------- 268.6
- Brake lining
  - Material -------- Full molded asbestos composition
  - Length ---------- Primary shoe, 9.01 Secondary shoe, 9.75
  - Width ---------- Front, 2.00; rear, 2.50
  - Thickness, minimum @ C/L ---------- Primary .17 Secondary .20
  - Method of attachment ---------- Bonded
  - Total effective area (sq.in.) ---------- 168.9
  - Gross lining area (sq.in.) ---------- 168.9
- Master cylinder
  - Piston diameter ---------- 1.00
  - Piston travel ---------- 1.00
- Wheel cylinder
  - Piston diameter ---------- Front, .875; rear, .9375
- Foot pedal travel ---------- 6.5

PARKING BRAKE
- Type ---------- Mechanical pull-rods, pulleys, and cables operate rear service brakes
- Total effective area (sq.in.) ---------- 93.8
- Control ---------- Hand-grip ratchet type with trigger-release in grip located under instrument panel to left of steering column

TIRE SPECIFICATIONS

		7.00 x 13-4PR
Loaded rolling radius		11.7
Loaded rev/in. @ 50 MPH		840
Capacity (lb @ psi)		850 @ 15
		1160 @ 26
Recommended pressure (cool)	Front	15
	Rear	30

REAR AXLE AND SUSPENSION

REAR AXLE
- Description ---------- Semi-floating, straddle mounted hypoid gear with differential carrier mounted to engine. Differential carrier contains hypoid gear with overhung pinion gear supported by two taper roller bearings
- Pinion offset ---------- (Vert) 1.75
- Pinion bearing adjustment ---------- Shim
- Hypoid gear PD ---------- 6.750
  - Type ---------- Military Spec. MIL-L-2105-B
  - Viscosity ---------- SAE 80
  - Filler plug ---------- 3/4 pipe plug
  - Capacity (pts) ---------- 4.0
- Ratios (standard)
  - 3 & 4-speed ---------- 3.27
  - Powerglide
    - Base engine ---------- 3.27
    - RPO L62 ---------- 3.55
- Differential type ---------- 2 pinion

AXLE SHAFT
- Type ---------- Welded steel tubing incorporating universal joint at each end. Brake drum flange integral with axle which is universally-jointed to axle shaft.
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  - Total ---------- 7.47
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  - Rebound ---------- 4.45
- Wheel to spring, travel ratio ---------- 1.1:1

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

REAR WHEEL ALIGNMENT
- Curb
  - Camber (degrees) ---------- P1/2 to P1-1/2
  - Toe-in (total) ---------- 3/16 to 5/16

REAR SPRINGS

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3869202	B			117.53	.538	4.20	14.84	7.78 @ 1130	160	160

Engine	16 Cu.In. 6-Cylinder				
Models	10100		10500		
	39	37	39	37	67
Ref.	A	A	A	A	B

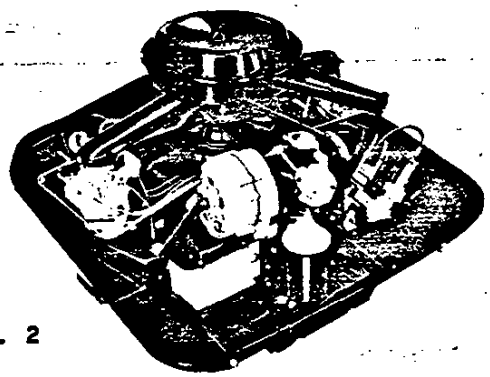
BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Ash tray	1-1445	.7
Automatic transmission position pattern	1-1445	.7
Back-up	2-1156	32
Brake warning	1-1895	2
Courtesy	2-631	6
Direction signal indicators	2-1445	.7
Dome	1-211	12
Generator (and fan) indicator	1-1895	2
Glove compartment	1-1895	2
Headlamps — Outer	2-4002	High beam 37.5W Low beam 55.0W
Headlamps — Inner	2-4001	High beam 37.5W
Headlamps hi-beam indicator	1-1445	.7
Heater controls	1-1445	.7
Instrument cluster	4-1895	2
License plate, rear	1-67	4
Luggage compartment	1-1003	15
Oil pressure and temperature indicator	1-1895	2
Parking	2-1157	
Park		4
Turn		32
Radio	1-1893	2
Spot lamp, portable	1-4416	30W
Tail	2-1157	
Tail		4
Stop and turn		32
Underhood	1-93	15

FUSES, AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	2 AGC 25 fuses	Fuse panel (g)
Ash tray lamp	AGC 4 fuse	Fuse panel (c)
Auto. trans. position pattern lamp	AGC 4 fuse	Fuse panel (c)
Back-up lamps	AGC 10 fuse	Fuse panel (d)
Cigarette lighter	AGC 20 fuse	Fuse panel (b)
Clock	AGC 20 fuse	Fuse panel (b)
Courtesy lamps	AGC 20 fuse	Fuse panel (b)
Direction signal indicator lamps	AGC 4 fuse	Fuse panel (c)
Dome lamp	AGC 20 fuse	Fuse panel (b)
Folding top motor	40 amp CB	Instrument panel
Fuel gage	AGC 10 fuse	Fuse panel (d)
Generator (and fan) indicator lamp	AGC 10 fuse	Fuse panel (d)
Glove compartment lamp	AGC 20 fuse	Fuse panel (b)
Headlamps	15 amp CB	Light switch
Headlamps hi-beam indicator lamp	15 amp CB	Light switch
Heater	AGC 25 fuse	Fuse panel (g)
Heater control lamp	AGC 4 fuse	Fuse panel (c)
Instrument cluster lamp	AGC 4 fuse	Fuse panel (c)
License plate, rear	AGC 20 fuse	Fuse panel (a)
Luggage compartment lamp	AGC 20 fuse	Fuse panel (b)
Oil press. and temp. indicator lamp	AGC 10 fuse	Fuse panel (d)
Parking lamps	15 amp CB	Light switch
Brake warning lamp	AGC 10 fuse	Fuse panel (d)
Radio and radio lamp	AGC 20 fuse	Fuse panel (e)
Speed warning device	AGC 20 fuse	Fuse panel (b)
Spot lamp, portable	AGC 20 fuse	Fuse panel (b)
Tachometer gage	AGC 10 fuse	Fuse panel (d)
Tail lamps	AGC 20 fuse	Fuse panel (a)
Traffic hazard switch	AGC 20 fuse	Fuse panel (b)
Underhood lamp	AGC 4 fuse	In line
Windshield wiper, two-speed	SAE 20 fuse	Fuse panel (f)
	14 amp CB	Switch

* Letter suffix indicates same circuit

POWER TRAINS



POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS* 3.27:1	3.55:1	2.55:1
164 Cubic Inch P-6 Turbo-Air 164 95 HP Standard	3-Spd (3.11:1 low) & 4-Spd (3.11:1 low)	All Models	Std.	Perf.	(a)
		With Air Conditioning		Std.	
	Powerglide	All Models	Std.	Perf.	
		With Air Conditioning		Std.	
164 Cubic Inch P-6 Turbo-Air 164 110 HP RPO L62	3-Spd (3.11:1 low) & 4-Spd (3.11:1 low)	All Models	Std.	Perf.	
		With Air Conditioning		Std.	
	Powerglide	All Models		Std.	
		With Air Conditioning		Std.	

* Positraction axles available optionally for all ratios

(a) Standard with A.I.R. Engine.
Std. - Standard
Perf. - Performance (optional)

MULTIPLICATION FACTORS

with MANUAL TRANSMISSIONS

ENGINE	TRANSMISSION	TOTAL GEAR REDUCTION 1st	2nd	3rd	4th	Rev	AXLE RATIO
95 HP Standard	3-Speed	10.17	6.06	3.27		10.53	3.27:1
	4-Speed	10.17	7.19	4.81	3.27	10.17	3.27:1
110 HP RPO L62	3-Speed	10.17	6.02	3.27		10.53	3.27:1
	4-Speed	10.17	7.19	4.81	3.27	10.17	3.27:1

with AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
95 HP Standard	Powerglide	Drive	14.29:1 - 3.27:1	3.27:1
		Low & Reverse	14.29:1 - 5.95:1	
110 HP RPO L62	Powerglide	Drive	15.51:1 - 3.55:1	3.55:1
		Low & Reverse	15.51:1 - 6.46:1	

* Axle ratio x transmission ratio.

GENERAL DATA

		Synchromesh	Powerglide
Piston Displacement		164	
Type		Horizontal opposed OHV	
Number Cylinders		6	
Bore and Stroke (nominal)		3.438 x 2.94	
Compression Ratio		8.25:1 (a)	
Taxable (SAE) Horsepower		28.4	
Firing Order		1-4-5-2-3-6	
Idling Speed (RPM)		500 (b)	
Compression Press. (PSI) @ Cranking Speed, Engine Hot		140	
Lubrication		Full pressure	
Power Plant Mounting		Two front and one rear, shear type	
Measurements	Width (over carburetors)	30.66	
	Length (inc. clutch housing & oil filter)	28.55	
	Height (top air cleaner to bottom oil pan)	23.57	

(a) On 110 HP engine C.R. is 9.25:1.
(b) 650 RPM on 110 HP engine with manual transmission.

ADVERTISED ENGINE RATING

Engine Designation	P6 - 95 HP Turbo-Air 164	P6 - 110 HP Turbo-Air 164
Availability	Standard	RPO L62
Carburetor	Two - Single barrel (one for each cylinder bank)	
Gross Brake HP @ RPM	95 @ 3600	110 @ 4400
Gross Torque @ RPM (lb-ft)	154 @ 2400	160 @ 2800

ENGINE SPEED AND PISTON TRAVEL

Transmission		3-Speed	4-Speed	Powerglide (a)	
Rear Axle Ratio		3.27:1			3.55:1
Tire Size		7.00 x 13			
Crankshaft Revolutions per Mile		2691.2			2921.7
Crankshaft RPM @ 1 MPH	Low	139.5	139.5	81.6	88.6
	Second	82.5	98.7		
	Third	44.9	65.9	44.9 (direct)	48.7 (direct)
	Fourth		44.9		
	Reverse	144.4	139.5	81.6	88.6
Piston Travel (ft/mile)		1318.7			1431.6

(a) 3.27:1 axle with 95 HP and 3.55:1 axle with 110 HP.

VEHICLE PERFORMANCE FACTORS

ENGINE -- 164 CU.IN.	BASE 95 HP	RPO L62 110 HP
MODEL	10139	10139

3-SPEED TRANSMISSION

Performance Weight (pounds)	3156	3159
Pounds per Gross Horsepower	33.22	28.72
Pounds per Cu.In. Displacement	19.24	19.26
Gross HP per Cu.In. Displacement	.579	.671
Power Displacement (cu.ft./mile)	127.71	127.71
Displacement Factor (cu.ft./ton mile)	80.93	80.88

4-SPEED TRANSMISSION

Performance Weight (pounds)	3157	3160
Pounds per Gross Horsepower	33.23	28.73
Pounds per Cu.In. Displacement	19.25	19.27
Gross HP per Cu.In. Displacement	.579	.671
Power Displacement (cu.ft./mile)	127.71	127.71
Displacement Factor (cu.ft./ton mile)	80.88	80.83

POWERGLIDE*

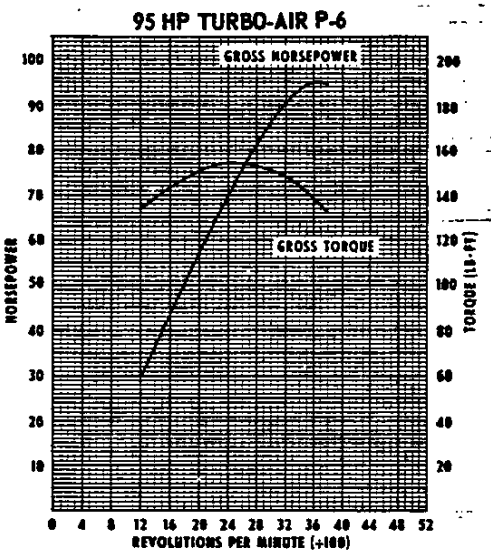
Performance Weight (pounds)	3148	3149
Pounds per Gross Horsepower	33.14	28.63
Pounds per Cu.In. Displacement	19.20	19.20
Gross HP per Cu.In. Displacement	.579	.671
Power Displacement (cu.ft./mile)	127.71	138.64
Displacement Factor (cu.ft./ton mile)	81.14	88.03

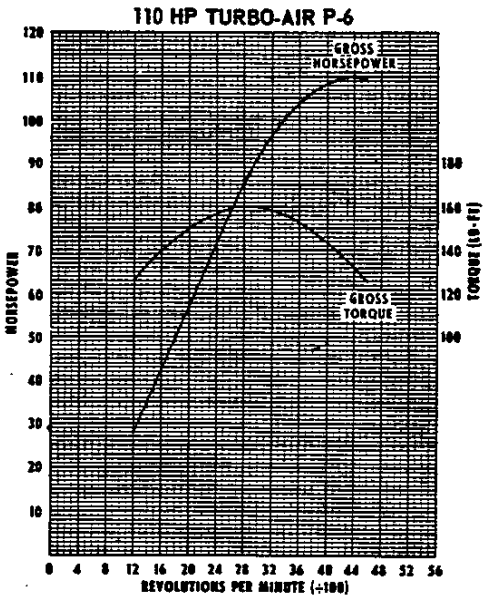
* Data computed assuming zero slippage in torque converter.

GLOSSARY

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

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.

PRINCIPAL COMPONENTS

CRANKCASE
- Material ---------- Cast Aluminum
- Type ---------- Cast into left and right halves
- No. of Bulkheads ---------- 4
- Bolt No. & Size ---------- 8; .4375 dia., 20 UNF-2A
- Studs (cyl. & cyl. head assy.) ---- 12 left & 12 right half
- Bore Spacing (centerline to centerline) ---------- 4.85

CYLINDERS
- Material ---------- Cast iron
- Type ---------- Individually cast with integral cooling fins
- Bore Diameter ---------- 3.4370-3.4400
- Numbering Arrangement (front to rear)
  - Left bank ---------- 6-4-2
  - Right bank ---------- 5-3-1

CYLINDER HEADS
- Material ---------- Permanent mold cast aluminum with integral cooling fins

COMBUSTION CHAMBER VOLUME
(Total chamber volume of assembled engine with piston at top center)
- 95 HP Engine ---------- 3.85 Cu.In.
- 110 HP Engine ---------- 3.38 Cu.In.

CRANKSHAFT
- Material ---------- Forged alloy steel
- End Play ---------- .002-.007
- Counterweights ---------- None
- Crank Arm Length ---------- 1.47
- Vibration Damper ---------- All engines except 95 HP engine with synchromesh trans.
- Timing Gear & Material ---------- Helical cut, steel
- Pulley Pitch Diameter ---------- 6.64

INLET MANIFOLD
- Type ---------- Cast integral with cylinder head

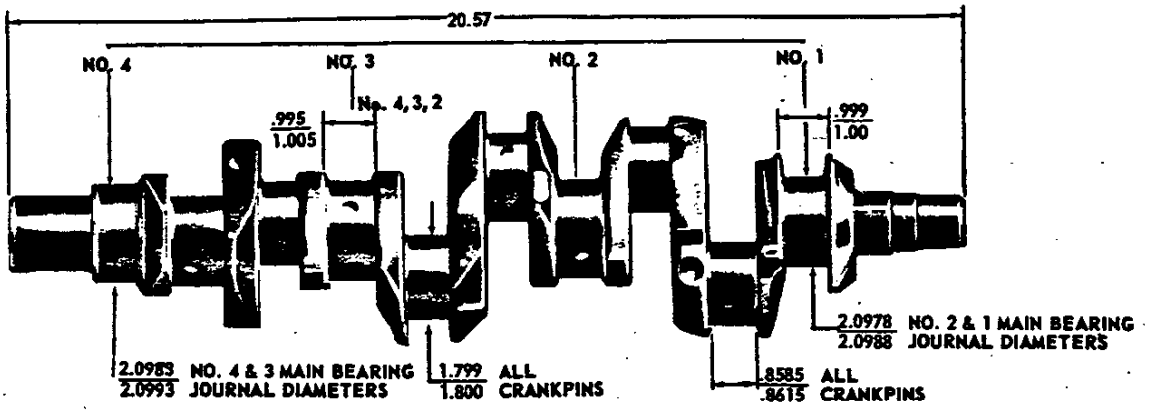
EXHAUST MANIFOLD
- Material ---------- Cast alloy iron
- Type ---------- Straight-fitted to three steel sleeves pressed into cyl. head exhaust ports

MAIN BEARINGS
- Material ---------- Premium aluminum
- Type ---------- Precision, removable
- Thrust Against Bearing No. ---------- 1

Dimensions

Bearing	Clearance	Theoretical Inner Dia.	Effective Length	Projected Area
1	.0005-.0020	2.0996	.7874	1.6532
2	.0002-.0013	2.0991	.7520	1.5785
3	.0005-.0010	2.0996	.7520	1.5789
4	.0003-.0013	2.0996	.7520	1.5789

CRANKSHAFTS AND BEARINGS



CAMSHAFT

Material ---------- Cast alloy iron
Lobe Lift - Inlet & Exhaust
Base 95 HP Engines ---------- .2657
RPO L62-110 HP Engines ---------- .2605
Bearings ---------- No inserts
aluminum crankcase machined for bearing surface

VALVE LIFT

Inlet & Exhaust
Base 95 HP Engines ---------- .4030
RPO L62-110 HP Engines ---------- .4090

VALVE TRAIN

Type ---------- Individually mounted rocker arms, push rod actuated
Lifters ---------- Hydraulic
Push Rods
Type & Material ---------- Hollow, steel
Ends ---------- Hardened
Housing ---------- Welded steel tubes
Rocker Arms
Type & Material ---------- Stamped steel
Ratio ---------- 1.57:1

VALVE SPRINGS

Diameter (I.D.) ---------- .872-.888
Installed Length (In. @ Lb.)
Valves Closed ---------- 1.660 @ 78-86
Valves Opened ---------- 1.260 @ 170-180
Free Length ---------- 2.08
Valve Spring Dampers ---------- Flat steel coil

VALVE TRAIN LASH

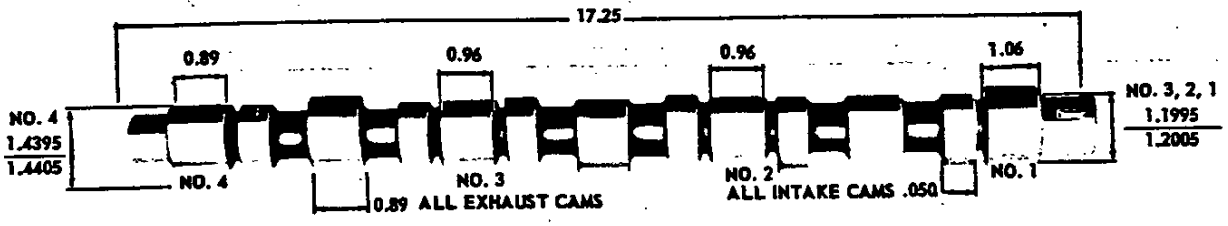
Inlet ---------- Zero
Exhaust ---------- Zero

VALVE TIMING (Crankshaft degrees)

95 HP Engines	Excluding Ramps	Including Ramps
Inlet valve		
Opens - BTC	26°	44°
Closes - ABC	60°	88°
Duration	266°	312°
Exhaust valve		
Opens - BBC	60°	78°
Closes - ATC	26°	54°
Duration	266°	312°

110 HP Engines	Excluding Ramps	Including Ramps
Inlet valve		
Opens - BTC	37°	55°
Closes - ABC	81°	105°
Duration	298°	340°
Exhaust valve		
Opens - BBC	79°	97°
Closes - ATC	39°	63°
Duration	298°	340°

CAMSHAFT AND BEARINGS



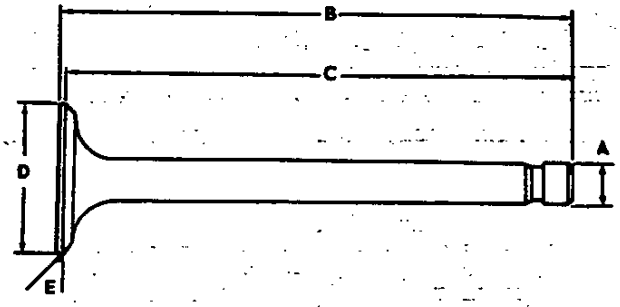
PRINCIPAL COMPONENTS—Cont'd.

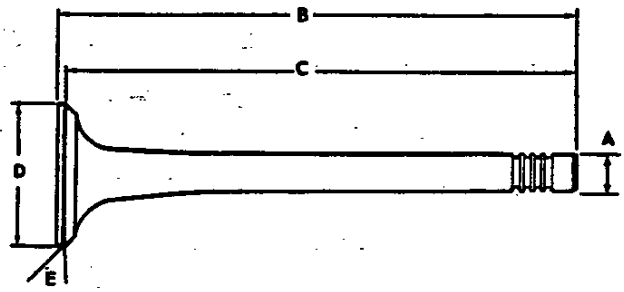
INLET VALVES

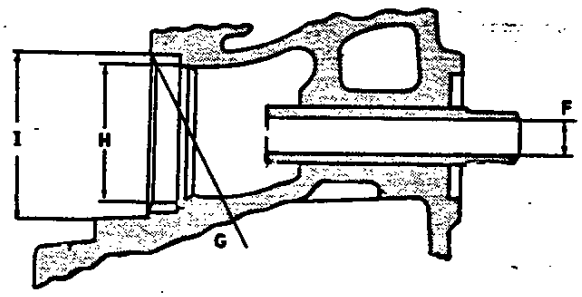
Material	High alloy steel
Coating	Aluminized face
Valve Guide Material	Cast alloy iron
Valve Seat Material	Sintered alloy iron

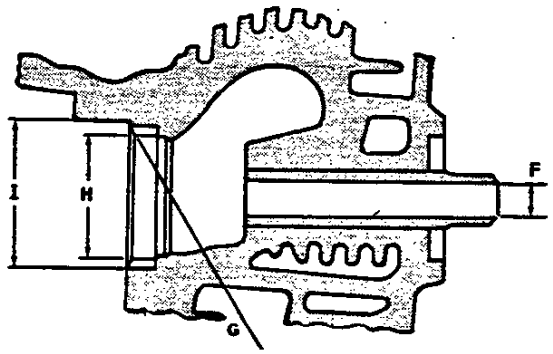
EXHAUST VALVES

Material	High alloy steel with "cobalt-based" alloy face
Valve Guide Material	Cast alloy iron
Valve Seat Material	Cast chromium steel alloy









A - Stem Diameter	.3414-.3422
B - Overall Length	4.4891-4.5091
C - Gage Length	4.3921-4.4021
D - Overall Head Diameter	1.335-1.345
E - Angle of Face	44°
F - Guide Diameter	.3432-.3442
G - Angle of Seat	45°
H - Valve Seat (ID)	1.223-1.233
I - Valve Seat (OD)	1.4285-1.4295

A - Stem Diameter	.3413-.3418
B - Overall Length	4.4941-4.5141
C - Gage Length	4.3871-4.3971
D - Overall Head Diameter	1.235-1.245
E - Angle of Face	44°
F - Guide Diameter	.3432-.3442
G - Angle of Seat	45°
H - Valve Seat (ID)	1.081-1.091
I - Valve Seat (OD)	1.2865-1.2875

PISTON

Material	Cast aluminum alloy
Head Type	Flat
Skirt Type	Slipper, autothermic
Top Land Clearance	.0210-.0320
Skirt Clearance	.0011-.0017
Compression Ring Groove Depth	.1925-.1990
Oil Control Ring Groove Depth	.1860-.1925
Pin Bore Offset	.055-.065
Compression Height	1.589-1.591

PISTON PINS

Material	Chromium steel
Length	2.630-2.650
Diameter	.7999-.8002
Clearance in Piston	.00015-.00025
Pin Mounting	Pressed in rod

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Inside Bevel	Bottom edge 30 degrees to piston vertical axis
Ring Face	Tapered
Coating	Chrome plated
Width	.0620-.0625
Wall Thickness	.162-.172
Gap	.010-.020

COMPRESSION RING - LOWER

Material	Cast alloy iron
Inside Bevel	Top edge 30 degrees to piston vertical axis
Ring Face	Tapered
Coating	Wear resistant
Width	.0620-.0625
Wall Thickness	.162-.172
Gap	.010-.020

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width	.1215-.1255 assembled
Wall Thickness	.135-.141
Gap (Rails)	.015-.055
Rails Coating	Chrome plate

CONNECTING RODS

Material	Drop forged steel
Length (Center to Center)	4.719-4.721

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	.0007-.0028
Theo. I.D.	1.8018
Effective Length	.639
End Play	.0055-.0105

FUEL—EXHAUST AND VENTILATION SYSTEM

FUEL SYSTEM

FUEL TANK
- Capacity ---------- 14 (Approximately)
- Location ---------- Upper front compartment floor
- Filler Location ---------- Left front fender crown

FUEL FILTER, DUAL
- In Fuel Tank ---------- Mesh strainer
- In Carburetor Inlet ---------- Sintered bronze

FUEL PUMP ASSEMBLY
- Drive ---------- Eccentric on rear end of crankshaft
- Type ---------- Mechanical
- Location ---------- Mounted on rear engine housing
- Pressure Range ---------- 5.50–6.75

AIR CLEANERS
- Type ---------- One, with single air horn centrally mounted on tubular crossover duct
- Element ---------- Oil wetted paper

CARBURETORS
- Make & Number ---------- Rochester, two; one for each cylinder bank
- Type ---------- Single barrel downdraft
- SAE Flange Size ---------- .075
- Throttle Bore ---------- 1.25
- Venturi Diameter ---------- 1.00
- Choke ---------- Automatic

EXHAUST AND VENTILATION SYSTEM

TYPE
- 95 HP & 110 HP Engines ---------- Single

MUFFLER
- Type ---------- Oval, reverse flow
- Construction ---------- Heads and body joined by rolled lock seam construction
- Shell ---------- .036 cold rolled steel
- Wrap ---------- .030 indented asbestos sheet
- Cover ---------- .018 sheet steel, aluminum coating
- Heads ---------- .060 sheet steel, aluminum coating
- Baffles ---------- 3
  - #1 & 2 ---------- .036 cold rolled steel
  - #3 ---------- .060 cold rolled steel
- Length ---------- 17.76
- Height (I.D.) ---------- 5.00
- Width (I.D.) ---------- 9.25

EXHAUST PIPE
- Dimensions (O.D.) ---------- 1.875

TAIL PIPE
- Dimensions (O.D.)
  - 95 HP Engine ---------- 1.50
  - 110 HP Engine ---------- 1.75
- Wall Thickness ---------- .042-.052
- Coating ---------- Aluminum

ENGINE VENTILATION
- Type ---------- Closed-positive

AIR INJECTION REACTOR (California vehicles only)
- Injection System
  - Point of Entry ---------- Exhaust ports
  - Check Valve ---------- Pressure (plate type)
  - Backfire 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)

COOLING SYSTEM

GENERAL
- Type ---------- Forced air cooling. Engine enclosed by sheet metal shrouds to direct air over engine components. Cooling controlled by thermostatically regulated air exhaust doors at rear of each lower shroud

ENGINE BLOWER
- Type ---------- Centrifugal
- Location ---------- Mounted horizontally on top center of engine
- Material ---------- Magnesium
- Diameter ---------- 11.20
- Number of Vanes ---------- 11
- Drive ---------- By "V" belt from crankshaft over idler and generator pulleys
- Air Flow ---------- 1460 CFM @ 4000 Engine RPM
- Blower Pulley PD ---------- 4.1875
- Ratio (Blower to Engine Speed) ---------- 1.58:1
- Idler Pulley PD ---------- 3.32
- Belt ---------- "V"
  - Pitch Line ---------- 55.74
  - Width ---------- .380
  - Angle of "V" ---------- 40

ENGINE COOLING AIR THERMOSTATS
- Type ---------- Bellows (seamless)
- Make ---------- Harrison
- Bellows Start to Open at ---------- 205°F

LUBRICATION SYSTEM

GENERAL
- Type ---------- Controlled full pressure
  - Main Bearings ---------- Pressure
  - Connecting Rods ---------- Pressure
  - Piston Pins ---------- Splash
  - Cylinder Walls -------- Conn. rod bearing throw-off
  - Camshaft Bearings ---------- Pressure
  - Valve Lifters ---------- Pressure
  - Rocker Arms ---------- Pressure
  - Timing Gears -------- Main & cam bearing throw-off
- Oil Pressure Sending Unit
  - Type ---------- Electric
  - Actuation ------ Opens or closes circuit @ 2 to 6 PSI
- Oil Filler
  - Cap ---------- Pressure, twist type
  - Location ---------- Top rear of engine

CRANKCASE CAPACITY (Qt)
- Refill ---------- 4.0
- Refill with Filter Change ---------- 4.5

OIL PUMP
- Type ---------- Gear
- Driven By ---------- Distributor
- Regulator Valve ---------- Opens between 40-45 lbs
- Oil Pressure (No-Flow Conditions) - 30 PSI @ 2000 RPM
- Intake Type ---------- Fixed
- Capacity (GPM @ Eng RPM) ---------- 9 @ 4000

OIL FILTER
- Type ---------- Full flow throwaway canister
- Location ---------- Rear section of engine
- Capacity (pts) ---------- 1.0
- By-pass Valve ---------- Opens between 9 to 11 PSI

OIL COOLER
- Material ---------- Aluminum
- Location ---------- Left bank of cylinder to rear
- By-pass Valve ---------- Opens between 9 to 11 PSI drop in pressure
- No. of Plates ---------- Eight

●LUBRICANT GRADES AND TEMPERATURES
- 32° F and A bove ---------- SAE20W or SAE10W-30
- 0° F to 32° F ---------- SAE10W or SAE10W-30
- Below 0° F ---------- SAE5W or SAE5W-20
- Alternate ---------- SAE5W-30 can be used at temperatures below freezing

OIL PAN DRAIN SCREW
- Type ---------- Hex head
- Location ---------- Lower front edge of oil pan
- Size Hex Head ---------- .860-.875
- Thread ---------- 1/2-20 UNF 2A
- Length ---------- 0.81
- Diameter ---------- .410-.430

ELECTRICAL SYSTEM

SUPPLY SYSTEM
BATTERY
Voltage Rating ---------- 12
Capacity ---------- 45 amp hr @ 20 hr rate
Total Number of Plates ---------- 54
Number of Cells ---------- 6
Terminal Grounded ---------- Negative
Location ---------- Left hand side engine compartment

GENERATOR
Type ---------- Diode rectified
Rating
Amps ---------- 9-37
Volts ---------- 12-15
Drive ---------- Blower belt
Pulley Pitch Diameter ---------- 2.88
Ratio (Gen. to Engine Speed) ---------- 2.30:1

REGULATOR
Type ---------- Two unit, vibrator
Voltage Regulator
Voltage ---------- 13.8-14.8 @ 85 F
Field Relay (Combination Light and Field Relay)
Closing Voltage ---------- 1.3 Volts @ 80 F
Location ---------- Left front engine compartment

STARTING SYSTEM
STARTING MOTOR
Make ---------- Delco-Remy
Rotation (Drive End View) ---------- Clockwise
Test Condition ---- Engine at operating temperature
No Load Test
Amps ---------- 58-80
Volts ---------- 10.6
RPM ---------- 6750-10700

Motor Drive
Engagement ---------- Solenoid
Pinion Meshes at ---------- Rear
Pinion Tooth No. ---------- 9
Starter Ring Gear Tooth No. ---------- 147
Mounting ---------- Bolted to clutch housing

IGNITION SYSTEM
DISTRIBUTORS ---------- Refer to chart below

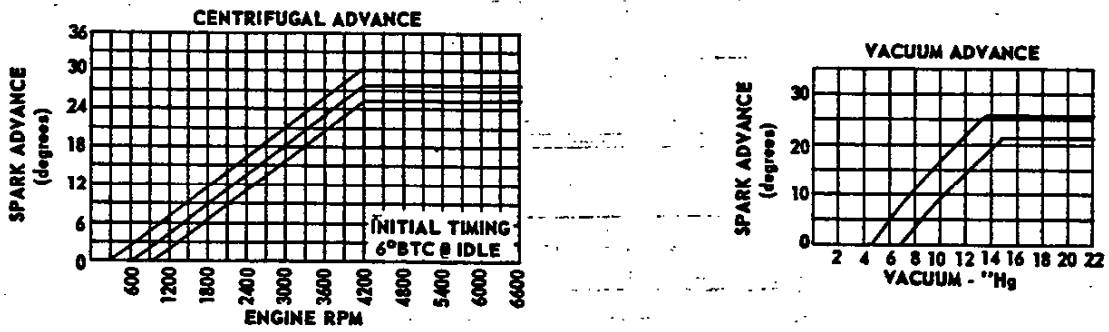
COIL
Make ---------- Delco-Remy
Type ---------- 12 Volt
Amperes Drawn
Engine Stopped ---------- 4.0
Engine Idling ---------- 1.8

SPARK PLUGS
Make ---------- AC
Type
95 HP ---------- 46FF
110 HP ---------- 44FF
Thread Size (mm) ---------- 14
Gap ---------- .033-.038; .028-.033 on 110 HP
Torque ---------- 25 lb ft

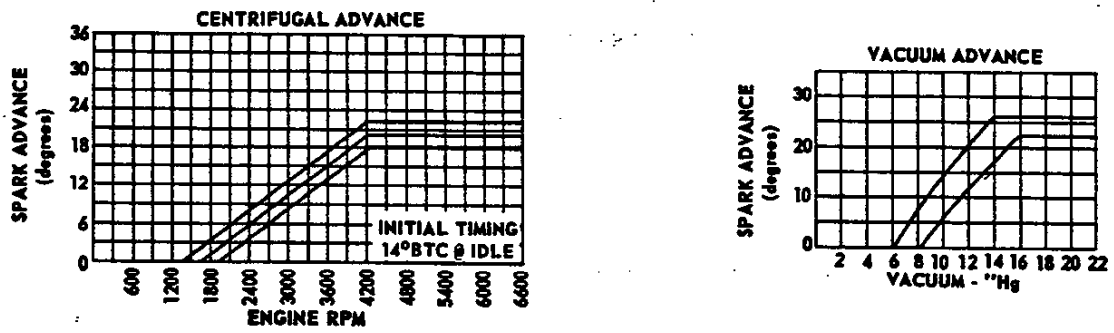
CABLE ---------- Linen core impregnated with electrical conducting material and insulation of rubber with neoprene jacket

DISTRIBUTORS	95 HP 3-Speed & 4-Speed	95 HP Powerglide	110 HP All Transmissions
Make	Delco-Remy		
Model	1111310	1111311	1110319
Type	Single Breaker		
Cam Angle	31°-34°		
Breaker Gap	.019 (new)		
Breaker Arm Tension	19-23 oz		
Centrifugal Advance Begins (RPM)	700	1700	800
Max Degrees @ RPM	28 @ 4200	20 @ 4200	20 @ 4800
Vacuum Advance Begins (In. Hg)	6.00	7.00	7.00
Max Degrees @ In. Hg	24 @ 14	24 @ 15	24 @ 15
Timing (Initial Design Setting) Crankshaft Degrees @ RPM (with vacuum spark line disconnected)	6° BTDC @ 500	14° BTDC @ 500	14° BTDC @ 650 Manual @ 500 Powerglide
Timing Mark Location	Crankshaft Pulley		

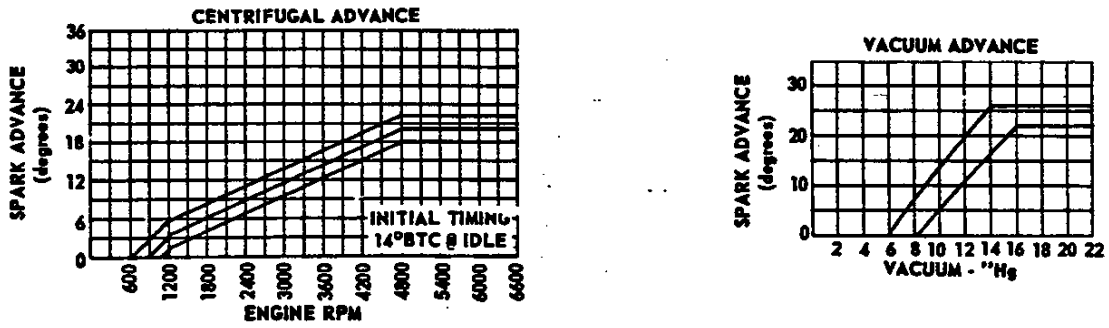
95 HORSEPOWER ENGINE



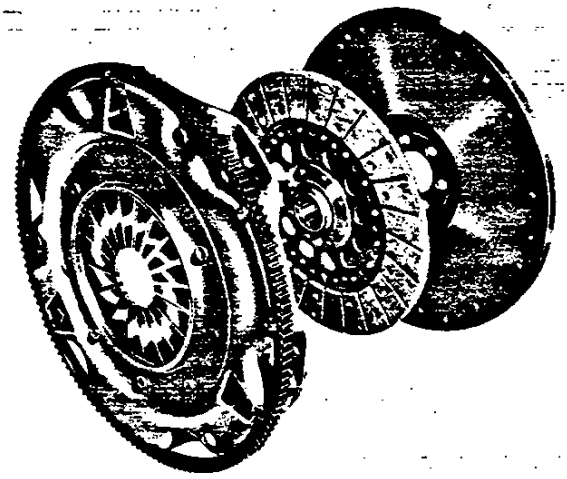
95 HORSEPOWER ENGINE WITH AUTOMATIC TRANSMISSION



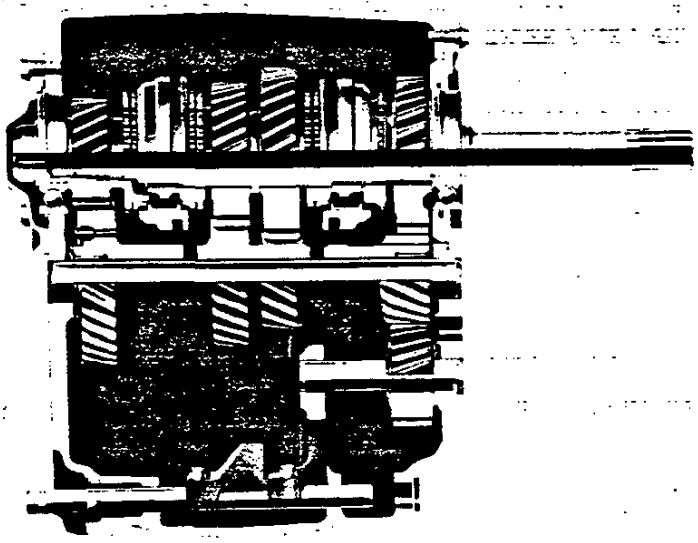
110 HORSEPOWER ENGINE



CLUTCHES



Engine	Model Application		10100 and 10500
	Availability		95 HP Base and 110 HP (RPO L62)
Clutch for			3-Speed & 4-Speed
Type			Chevrolet dry disc, centrifugal
Clutch cover and pressure plate	Eff. plate load, lbs		1250-1450
	Press. plate material		Cast iron
	Clutch spring type		Diaphragm with bent finger design
	Clutch spring material		HR spring steel
	Ring gear	Material	HR steel
		No. of teeth	147
		PD	12.25
		Attachment	Welded to clutch cover
Driven plate	Type		Single dry disc
	Cushions		Flat spring steel between springs
	Friction rings	OD	8.0
		ID	6.0
		Total area (sq.in.)	44.0
		Material	Woven type asbestos
Flywheel	Material		Cast iron
Bearings	Release	Type	Single row ball
		Lubrication	None required, 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
Clutch housing material			Aluminum alloy



4-SPEED TRANSMISSION (RPO M20)

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type			3-Speed		4-Speed	
Engine Application	Type		95 HP	110 HP	95 HP	110 HP
	Availability		Standard	RPO L62	Standard	RPO L62
Case material			Cast iron alloy			
Gear Shift	Type		Remote			
	Control		Lever			
	Location		Floor			
Gears	Type		Helical		Helical except spur for reverse	
	Material		Forged steel, hardened			
	Synchronization		All forward gears			
	Constant mesh gears		All gears		All forward gears	
	Sliding gears		None		Reverse	
	Ratios	First	3.11		3.11	
		Second	1.84		2.20	
		Third	1.00		1.47	
		Fourth			1.00	
		Reverse	3.22		3.11	
Lubricant	Type		Meeting Military Specification MIL-L-2105-B			
	Capacity (pts)		3.7		3.7	

AUTOMATIC TRANSMISSION (RPO M35)

GENERAL DATA
- Type — Automatic hydraulic torque converter with planetary gear system for low and reverse
- Selector lever
  - Location — Instrument panel
  - Operation — Actuates manual valve in hydraulic control system
  - Quadrant positions — L-D-N-R
- Method of cooling — Cooling shroud welded to pump housing
- Flywheel — Ring gear welded to converter housing

HYDRAULIC CONTROLS
- Manual valve type — Spool
- Pressure regulator valve type — Spool
- Pressure range, psi @ idle
  - Drive
    - Minimum and maximum — 37.0 to 45.0
  - Low
    - Minimum and maximum — 37.0 to 45.0
  - Reverse
    - Minimum and maximum — 70.3 to 86.0

CONVERTER ASSEMBLY
- Type — Three element
- Pump
  - Description — Multi-vane sheet steel construction rigid in converter housing
- Turbine
  - Description — Multi-vane sheet steel construction supported in converter housing
- Stator
  - Description — Aluminum air foil supported on stationary sleeve by an overrunning clutch
- Stall torque ratio — 2.40:1
- Diameter (nominal) — 10.0

PLANETARY GEAR SET
- Type — Compound planetary
- Range
  - Drive — 1.82:1 to 1.0:1.0
  - Low — 1.82:1
  - Reverse — 1.82:1
- Low band — Three linked circular segments
- Low band servo — Piston with release spring and inner cushion spring

CASE
- Material — Aluminum

OUTPUT SHAFT RPM (VEHICLE SPEED MPH)
- N/V factor — 46.0
  - Upshift
    - Closed throttle — 645(15)
    - Detent touch — 1880(41)
    - Full detent — 2230(49)
  - Downshift
    - Closed throttle — 606(13)
    - Detent touch — 1345(29)
    - Full detent — 2055(45)

HIGH CLUTCH
- Type — Multi-disc
- Drive plates
  - Description — Waved steel with bonded organic facings
  - Number — 2
- Driven plates
  - Description — Flat steel
  - Number — 3

REVERSE CLUTCH
- Type — Multi-disc
- Drive plates
  - Description — Flat steel with bonded organic facings
  - Number — 3
- Driven plates
  - Description — Waved steel
  - Number — 3

TORQUE MULTIPLICATION
- Maximum overall ratio — 4.37:1
- Low and reverse — 4.37:1 to 1.82:1

LUBRICANT
- Type — A suffix A
- Capacity (pts.)
  - Dry — 13
  - Refill — 4.6

GOVERNOR
- Type — Centrifugal
- Operation — Regulates oil pressure to automatic shift control valve
- Drive — Transmission output shaft
- Location — External, upper left side of case

OIL PUMPS
- Type — Internal-external gear
- Number — Two, front and rear
- Function — To supply pressure
- Front pump
  - Drive — Converter pump
  - Function — Supply main system pressure at low vehicle speeds
- Rear pump
  - Drive — Output shaft
  - Function — Supply main system pressure at high vehicle speeds and during push starts

CORVAIR

IMPORTANT

Dealer Note: Exterior and interior combinations shown in chart below are those *recommended* by Chevrolet; however, any solid exterior color may be ordered with any available interior color if the particular combination is desired by a customer.

To protect against ordering errors with the resultant production of undesirable color combinations, procedures have been established to reject any exterior-interior color not in the recommended category until such orders are verified with the dealer involved. We wish to eliminate this potential delaying factor and ask your cooperation in circling the color code on the order form when a non-recommended combination is desired. This will permit processing the order for production without further verification.

INVOICE INTERIOR TRIM IDENTIFICATION		
Black	751	758
Blue	721	
Bright Blue	722	
Fawn	703	
Gold	713	

EXTERIOR SELECTION CHART

EXTERIOR COLORS	Code	INTERIOR TRIM COLORS				
		Black	**Blue**	**Bright Blue**	**Fawn**	**Gold**
SOLID						
Tuxedo Black	AA	X	X	X	X	X
Ermine White	CC	X	X	X	X	X
Nantucket Blue (Med)	DD	X	X	X		
Deepwater Blue (Dk)	EE	X	X	X		
Marina Blue (Brt)	FF	X	X	X		
Granada Gold	GG	X			X	X
Mountain Green (Med)	HH	X			X	
Emerald Turquoise (Med)	KK	X			X	
Tahoe Turquoise (Dk)	LL	X			X	
Royal Plum	MM	X				
Madeira Maroon	NN	X			X	X
Bolero Red	RR	X				
Sierra Fawn	SS	X			X	X
Capri Cream	TT	X			X	X
Butternut Yellow	YY	X			X	
♦**TWO-TONE**						
Nantucket Blue—Upper **Ermine White**—Lower	CD		X			
Ermine White—Upper **Nantucket Blue**—Lower	DC		X			
Nantucket Blue—Upper **Deepwater Blue**—Lower	ED		X			
Deepwater Blue—Upper **Nantucket Blue**—Lower	DE		X			
Capri Cream—Upper **Granada Gold**—Lower	GT	X			X	X
Capri Cream—Upper **Sierra Fawn**—Lower	ST	X			X	X

♦**Note:** Two-Tone Exterior not available on Sport Coupes or Convertibles.

INTERIOR SELECTION CHART

TYPE OF SEAT	Material	Extra Cost	INTERIOR TRIM COLOR AVAILABILITY				
			Black	**Blue**	**Bright Blue**	**Fawn**	**Gold**
MONZA SPORT COUPE							
Strato-Bucket	**Vinyl**	**No**	E		R		G
MONZA SPORT SEDAN							
Strato-Bucket	**Vinyl**	**No**	E		R		G
MONZA CONVERTIBLE							
Strato-Bucket	**Vinyl**	**No**	E		R		G
500 SPORT COUPE							
Full-Width Bench	**Vinyl**	**No**	E	B		F	
500 SPORT SEDAN							
Full-Width Bench	**Vinyl**	**No**	E	B		F	

Engine, Transmission and Rear Axle Combinations

ENGINES		TRANS-MISSION	MODELS	REAR AXLE RATIOS★							
				Without Air Conditioning				With Air Conditioning			
Option Number	Description			Standard	Optional			Standard	Optional		
					Econ	Perf	Spec		Econ	Perf	Spec
Std	95-hp Turbo-Air 164 6-Cylinder 164-cu-in displacement Two single-barrel carburetors 8.25:1 compression ratio	3-Speed	All	3.27:1♦	—	3.55:1	—	3.55:1	—	—	—
		4-Speed									
		Powerglide									
L62	110-hp Turbo-Air 164 6-Cylinder 164-cu-in displacement Two single-barrel carburetors 9.25:1 compression ratio	3-Speed	All	3.27:1	—	3.55:1	—	3.55:1	—	—	—
		4-Speed									
		Powerglide	All	3.55:1	—	—	—	3.55:1	—	—	—

★ Also available as Positraction (RPO G81)

♦ When G.M. Air Injection Reactor (RPO K19) is ordered with 3-Speed or 4-Speed transmission, standard axle is 3.55:1 and Performance axle is not available.

1967 MODELS WITH STANDARD EQUIPMENT
(108" Wheelbase)

Model Description	List Price Less Invoice Discount (19%)◆	List Price Less Base Discount (21%)	Factory D & H	List Price	Mfr's Sgt'd Dealer D & H	Mfr's Sgt'd Retail Price★	Destination Charge	Total
500: 95-hp Turbo-Air 164 Engine								
10137 Sport Coupe—5-Passenger	$1609.47	$1569.73	$116.00	$1987.00	$25.00	$2128.00	.....	.....
10139 Sport Sedan—6-Passenger	1660.50	1619.50	119.00	2050.00	25.00	2194.00	.....	.....
MONZA: 95-hp Turbo-Air 164 Engine								
10537 Sport Coupe—4-Passenger	1816.83	1771.97	130.00	2243.00	25.00	2398.00	.....	.....
10539 Sport Sedan—5-Passenger	1867.86	1821.74	133.00	2306.00	25.00	2464.00	.....	.....
10567 Convertible—4-Passenger	1926.18	1878.62	137.00	2378.00	25.00	2540.00	.....	.....

◆ Base discount is 21% with the 2% difference retained for dealer's account in accordance with Terms of Sale Bulletin.
★ Manufacturer's Suggested Retail Price does not include state and local taxes, license fees, options or accessories.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D & H	List Price	Mfr's Suggested Retail Delivered Price◆
FEATURE GROUPS						
Appearance Guard Group: Includes color-keyed (2) front & (2) rear floor mats, door edge guards, front bumper guards, rear bumper guards and custom deluxe seat belts						
2-Door models	69-1	...	$28.12	$2.10	$37.00	$39.10
4-Door models	69-1	...	30.40	2.25	40.00	42.25
Auxiliary Lighting Group: Includes courtesy lights, underhood light, ashtray light, and luggage light						
Monza Convertible	70-1	...	4.94	.40	6.50	6.90
Monza Sport Coupe & Sport Sedan	70-1	...	7.98	.65	10.50	11.15
500 models. Also includes glove compartment light	70-1	...	9.88	.80	13.00	13.80
Foundation Group: Includes pushbutton radio and electric clock	67-1	...	52.82	3.70	69.50	73.20

All items contained in the above groups may be ordered separately and are shown in the following options list.

POWER TEAMS						
Engines:						
110-hp Turbo-Air 164	30-1	L62	$ 19.00	$ 1.35	$ 25.00	$ 26.35
Transmissions: For availability see Power Teams chart						
Powerglide	29-1	M35	116.00	8.15	145.00	153.15
4-Speed	29-3	M20	64.60	4.55	85.00	89.55
Axle, Positraction Rear	31-B	G81	30.40	2.15	40.00	42.15
Axle Ratios: For availability see Power Teams chart						
Performance	32-2	...	1.52	.15	2.00	2.15
EXTERIOR FEATURES						
Antenna, Rear: Replaces front radio antenna. Not available with AM-FM radio						
Manual	47-1	U73	6.84	.50	9.00	9.50
Guards:						
Bumper, front	60-1	V31	6.84	.50	9.00	9.50
Bumper, rear	60-2	V32	6.84	.50	9.00	9.50
Door edge: 2-door models	58-4	B93	2.28	.20	3.00	3.20
4-door models	58-4	B93	4.56	.35	6.00	6.35
Mirror: Outside LH remote-control rearview	45-2	D33	6.84	.50	9.00	9.50
Paint, Exterior: Solid colors	.....	...	N.C.	N.C.	N.C.	N.C.
Two-tone combinations	.....	...	11.40	.80	15.00	15.80
Tops, Convertible						
Manual						
White	55-1	C05	N.C.	N.C.	N.C.	N.C.
Black	55-2	C05	N.C.	N.C.	N.C.	N.C.
Blue	55-4	C05	N.C.	N.C.	N.C.	N.C.
Power						
White	55-1/56-2	C05/C06	38.00	2.70	50.00	52.70
Black	55-2/56-2	C05/C06	38.00	2.70	50.00	52.70
Blue	55-4/56-2	C05/C06	38.00	2.70	50.00	52.70
Wheel Covers: Four; *bright metal. For 500 models only*	51-1	P01	15.20	1.10	20.00	21.10
Wheel Covers, Mag-Style:						
500 models	51-3	N96	53.20	3.75	70.00	73.75
Monza models	51-3	N96	45.60	3.20	60.00	63.20
Wheel Covers, Simulated Wire: 500 models	51-2	P02	49.40	3.50	65.00	68.50
Monza models	51-2	P02	41.80	2.95	55.00	57.95

◆ State and local taxes not included.

CORVAIR

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Description	Ordering Col-Code	Option Number	Dealer Net	Factory D&H	List Price	Mfr's Suggested Retail Delivered Price◈
INTERIOR FEATURES						
Air Conditioning, All-Weather: Includes 47-amp Delcotron; spare tire mounted in front	54-1	C64	$247.00	$ 17.30	$325.00	$342.30
Belts, Seat: (In addition to or replacing standard seat belts)						
Center Rear—For use with standard seat belts	53-4	A68	4.56	.35	6.00	6.35
Custom Deluxe Front and Rear	53-2	A39	4.56	.35	6.00	6.35
Custom Deluxe Center Rear—Available only when custom deluxe seat belts or appearance guard group is ordered	53-3	AL5	5.70	.40	7.50	7.90
Belts, Front Shoulder: (Driver and passenger)						
Standard Type—For use with standard seat belts	45-4	AS1	16.72	1.20	22.00	23.20
Custom Deluxe—Available only when custom deluxe seat belts or appearance guard group is ordered	45-1	A85	19.00	1.35	25.00	26.35
Clock, Electric	57-3	U35	11.40	.80	15.00	15.80
Glass, Soft-Ray Tinted: All windows	50-1	A01	22.04	1.55	29.00	30.55
Windshield only	50-2	A02	15.20	1.10	20.00	21.10
Headrests, Strato-Ease: Driver and passenger						
500 models	57-2	A82	30.40	2.15	40.00	42.15
Monza models	57-1	AS2	38.00	2.70	50.00	52.70
Lights:						
Ashtray	66-2	U28	1.14	.10	1.50	1.60
Courtesy	66-4	U29	3.04	.25	4.00	4.25
Glove compartment; 500 models only	66-1	U27	1.90	.15	2.50	2.65
Luggage compartment	65-2	U25	1.90	.15	2.50	2.65
Underhood	65-4	U26	1.90	.15	2.50	2.65
Mats, Floor: Color-keyed; (2) front and (2) rear	59-3	B37	7.60	.55	10.00	10.55
Radios: Includes front antenna. Rear antenna must be ordered separately (See Exterior Features)						
Pushbutton control	46-3	U63	41.42	2.90	54.50	57.40
Pushbutton control with rear seat speaker	46-4	U63/U80	50.92	3.60	67.00	70.60
AM-FM pushbutton control (front antenna only)	46-5	U69	96.52	6.80	127.00	133.80
AM-FM pushbutton control with rear seat speaker (front antenna only)	46-6	U69/U80	106.02	7.50	139.50	147.00
Speaker, Rear Seat: For use with foundation group	46-1	U80	9.50	.70	12.50	13.20
Stereo Tape System: Includes four speakers. Not available when radio with rear seat speaker is ordered	47-3	U57	92.72	6.50	122.00	128.50
Seat, Folding Rear: 500 models only. Standard on Monza models	61-2	A67	19.00	1.35	25.00	26.35
Speed Warning Indicator	43-2	U15	7.60	.55	10.00	10.55
Steering Wheel, Deluxe:						
500 models	52-4	N30	5.32	.40	7.00	7.40
Monza models	52-4	N30	3.04	.25	4.00	4.25
Steering Wheel: Sports-styled, walnut-grained plastic rim	52-1	N34	22.80	1.60	30.00	31.60
Steering Shaft, Telescopic: Not available with deluxe steering wheel	52-2	N36	30.40	2.15	40.00	42.15
HEAVY-DUTY AND OTHER EQUIPMENT						
Air Cleaner: Pre-oil bath	39-1	K47	4.56	.35	6.00	6.35
Battery, Heavy-Duty: 66-plate, 70 amp-hr	36-1	T60	5.32	.40	7.00	7.40
Generator: 47-amp Delcotron. Included with air conditioning.	42-1	K84	11.40	.80	15.00	15.80
GM Air Injection Reactor: *Approved by the State of California for vehicle registration*	40-2	K19	32.30	2.25	42.50	44.75
Heater & Defroster Deletion: Not available when air conditioning is ordered	54-4	C48	52.93 CR.	3.70 CR.	67.00 CR.	70.70 CR.
Lock, Spare Wheel: Not available when air conditioning is ordered	56-1	P19	3.80	.30	5.00	5.30
Steering, Special: 16:1 over-all ratio for quick response steering	38-4	N44	11.40	.80	15.00	15.80
Suspension, Special Purpose Front & Rear: Includes special springs and matching shock absorbers	37-2	F41	7.60	.55	10.00	10.55
FACTORY INSTALLED REGULAR PRODUCTION TIRES						
Replaces 7.00–13/2-ply (4-ply rating) Original Equipment Blackwall Tubeless						
(5) 7.00–13/2-ply (4-ply rating) Original Equipment Whitewall Tubeless	34/35-12	P54	20.52	1.20	27.00	28.20

◈ State and local taxes not included.