

**BODY STYLES**

860	MODEL	56-27	56-28
Four-door Sedan—Notchback—6-Passenger	Yes	No	No
Two-door Sedan—Notchback—6-Passenger	Yes	No	No
Four-door Catalina—6-Passenger	Yes	No	No
Two-door Catalina—6-Passenger	Yes	No	No
Station Wagon—4-Door—3-Seat—9-Passenger	Yes	No	No
Station Wagon—2-Door—2-Seat—6-Passenger	Yes	No	No

870	MODEL	56-27	56-28
Four-door Sedan—Notchback—6-Passenger	Yes	No	No
Four-door Catalina—6-Passenger	Yes	No	No
Two-door Catalina—6-Passenger	Yes	No	No
Station Wagon—4-Door—2-Seat—6-Passenger	Yes	No	No

**Star Chief**

Convertible Coupe—5-Passenger	No	Yes	Yes
Four-door Catalina—6-Passenger	No	Yes	Yes
Two-door Catalina—6-Passenger	No	Yes	Yes
Safari*—2-Door—2-Seat—6-Passenger	Yes	No	No
Four-door Sedan—Notchback—6-Passenger	No	Yes	Yes

\*Safari built on 122-inch wheelbase, engine equipped with 4-barrel carburetor.

**Maximum Over-all Dimensions**

Length with Bumpers (Except Station Wagon)	205.6	212.6
Length less Bumpers (Except Station Wagon)	195.8	202.8
Width (Including Bumpers or Moldings)	75.1	75.1
Height (with Passengers—Four-door Sedan)	60.5	60.5
Height (with Passengers—Two-door Convertible)	None	59.0
Height (with Passengers—Two-door Catalina)	59.1	59.1
Height (with Passengers—Four-door Catalina)	59.0	59.0

**General Information**

Wheelbase—Nominal	122	124
Tread—Front—At Ground	58.66	58.66
Tread—Rear—At Ground	59.05	59.05
Taxable Horsepower	49.6	49.6
Standard Rear Axle Ratio (Synchromesh Transmission)	3.64:1	3.64:1
Standard Rear Axle Ratio (Hydra-Matic Transmission)	3.08:1	3.23:1
Tire Size—4-Ply (Except Station Wagon)		7.10 x 15
Inflation Pressure Cold—Front (Exc. Air Cond.)	24 psi	24 psi
Inflation Pressure Cold—Front—Air Cond.	26 psi	26 psi
Inflation Pressure Cold—Rear	24 psi	24 psi
Tire Size—Special Equipment—4-Ply		7.60 x 15
Inflation Pressure Cold—Front and Rear (Coupes and Sedans)	22 psi Front	20 psi Rear
Oil Capacity (Crankcase Refill Less Filter)	5 Qts.	5 Qts.
Quantity to Fill from "Add Oil" to "Full"	2 Qts.	2 Qts.
Water Capacity—Full (Without Heater)	22.7 Qts.	22.7 Qts.
Fuel Tank Capacity (Except Station Wagon)	20 Gals.	20 Gals.
Type of Drive		Hotchkiss
Turning Diameter—Curb to Curb	42'5"	42'11"
Turning Diameter—Wall to Wall	44'11"	45'5"
Road Clearance—Minimum with Location		6.70 at Bottom of Side Rails
Road Clearance—Rear Axle—With Passengers	7.68	7.68
Location Car Serial Number on Body		L. H. Front Door Pillar
Location Car Serial Number on Engine		Front Face of R. H. Cylinder Block Bank

**Engine**

Type and Number of Cylinders	90° V-8	90° V-8
Valve Arrangement	In Head	In Head
Bore and Stroke		3.94 x 3.25
Displacement—Cubic Inches	316.6	316.6
Compression Ratio—Standard (Premium Fuel)	8.9:1	8.9:1
Maximum Brake Horsepower at Engine rpm (8.9:1 C.R.—Hydra-Matic Transmission)	205 @ 4600	227 @ 4800
Maximum Torque (lbs. ft.)—at Engine rpm (8.9:1 C.R. with Hydra-Matic Transmission)	294 @ 2600	312 @ 3000
Compression Pressure at Cranking Speed (8.9:1 C.R. psi at rpm)	145 to 155 psi	@ 160 to 170 rpm
Firing Order		1-8-4-3-6-5-7-2

**Crankshaft**

Weight (lbs.)—Forged Shaft	59.4	59.4
Cast Shaft	53.7	53.7
Counterweights—Number	6	6
Main Bearings—Number	5	5
No. 1 Bearing—Diameter	2.50	2.50
Length	.94	.94
No. 2 Bearing—Diameter	2.50	2.50
Length	.94	.94
No. 3 Bearing—Diameter	2.50	2.50
Length	.94	.94

**Crankshaft (Continued)**

	MODEL	
	56-27	56-28
No. 4 Bearing—Diameter.....	2.50	2.50
Length.....	.91	.91
No. 5 Bearing—Diameter.....	2.50	2.50
Length.....	1.56	1.56
Projected Crankshaft Bearing Area.....	13.22 Sq. In.	
End Thrust Taken by Bearing (Number).....	4	4
Main Bearing Material.....	Durex Steel Backed	
Interchangeable Main Bearings.....	Yes	Yes
Vibration Dampener Type.....	Harmonic Balancer	

**Pistons and Rings**

Piston—Material.....	Aluminum Alloy	
Piston—Tin Plated.....	Yes	Yes
Weight—Piston Only.....	1.46 Lbs.	1.46 Lbs.
Number Compression Rings.....	2	2
Number Oil Control Rings.....	1	1
Number Rings Above Piston Pin.....	3	3
Width Compression Ring.....	.078	.078
Taper on Compression Ring.....	Yes	Yes
Width Oil Ring.....	.186	.186
Length Piston.....	4.13	4.13

**Piston Pins**

Piston Pin—Diameter.....	.98	.98
Length.....	3.13	3.13
Piston Pin Bushings—Effective Length (In Rod).....	1.25	1.25
Type Piston Pins.....	Floating	Floating
Pinhole Diamond Bored in Rod.....	Yes	Yes

**Connecting Rods**

Connecting Rod Length (Center to Center).....	6.63	6.63
Connecting Rod Assembly Weight Bushing Included.....	1.86#	1.86#
Crankpin Bearing—Diameter.....	2.25	2.25
Length.....	.88	.88
Bearing Materials (Optional).....	Durex Steel Backed or Micro Babbitt Steel Backed	
Interchangeable Connecting Rod Bearings.....	Yes	Yes

**Camshaft Drive**

Crankshaft Gear—Material.....	Carburized and Hardened Steel	
Camshaft Gear—Material.....	Alloy Iron Cyanide Hardened	
Timing Chain—Make.....	Morse	Morse
Number Links in Chain.....	60	60
Width Chain—Nominal.....	1	1
Pitch of Chain.....	.38	.38

**Intake Valves**

Diameter Head—Over-all.....	1.78	1.78
Port Diameter—At Seat.....	1.61	1.61
Angle of Seat.....	30°	30°

**Exhaust Valves**

Diameter Head—Over-all.....	1.50	1.50
Port Diameter—At Seat.....	1.37	1.37
Angle of Seat.....	45°	45°

**Valve Data**

Over-all Length Valve—Intake.....	5.25	5.25
Exhaust.....	5.23	5.23
Stem Diameter.....	.34	.34
Valve Lift (Synchronesh Transmission Engine).....	.37	.37
Valve Lift (Hydra-Matic Transmission Engine).....	.40	.40
Outer Spring Pressure and Length—Lbs. @ In.		
Valve Closed (Synchronesh Transmission Engine).....	58 @ 1.53	
Valve Closed (Hydra-Matic Transmission Engine).....	58 @ 1.53	
Valve Open (Synchronesh Transmission Engine).....	108 @ 1.16	
Valve Open (Hydra-Matic Transmission Engine).....	112 @ 1.13	
Inner Spring Pressure and Length—Lbs. @ In.		
Valve Closed (Synchronesh Transmission Engine).....	26 @ 1.48	
Valve Closed (Hydra-Matic Transmission Engine).....	26 @ 1.48	
Valve Open (Synchronesh Transmission Engine).....	61 @ 1.11	
Valve Open (Hydra-Matic Transmission Engine).....	64 @ 1.08	
Dual Valve Springs.....	Yes	Yes
Hydraulic Valve Lifters.....	Yes	Yes
Tapered Valve Guides—Integral.....	Yes	Yes

**Valve Timing**

Intake Opens—°BTC (Synchronesh Transmission Engine).....	22°	22°
(Hydra-Matic Transmission Engine).....	27°	27°
Intake Closes—°ABC		
(Synchronesh Transmission Engine).....	67°	67°
(Hydra-Matic Transmission Engine).....	73°	73°

## Valve Timing (Continued)

	MODEL	
	56-27	56-28
Exhaust Opens—°BBC		
(Synchronesh Transmission Engine)	63°	63°
(Hydra-Matic Transmission Engine)	69°	69°
Exhaust Closes—°ATC		
(Synchronesh Transmission Engine)	27°	27°
(Hydra-Matic Transmission Engine)	31°	31°

## Engine Lubrication

Pressure Lubrication	Yes	Yes
Cylinder Wall Lubrication by Jet	Yes	Yes
Push Rods Hollow for Lubrication	Yes	Yes
Oil Pump Type	Gear, (Helical)	
Jet Lubrication of Timing Chain	Yes	Yes
Normal Oil Pressure (Lb. @ mph)	35-45 Above 40	
Capacity of Crankcase (Less Filter)—Refill (Qts.)	5	5
Quantity Oil Circulated at 60 mph—10-W Oil—Hot—gpm	3.6	3.6
Oil Filter—Full Flow—Accessory	Yes	Yes
Type Oil Intake	Floating	Floating

## Fuel System

Carburetor—Type—Standard Carburetion	Dual*	Four-barrel
Carburetor—Model		
(Synchronesh Transmission)	RPD 7008696	RPD 7007900
(Hydra-Matic Transmission)	RPD 7008695*	Carter WCFB 2364S or RPD 7008697
Carburetor—Type—Safari and Optional on All Other 27 Models	Four-barrel Same as 28 Model	Four-barrel Standard— See Above
Automatic Choke Type	Integral	Integral
Type Metering	Mechanical	and Vacuum
Air Cleaner and Silencer—Type—Standard	Vertical Oiled Crimped Metal**	Horizontal Oiled
Air Cleaner Type—Accessory	Vertical Heavy-duty Oil Bath**	Horizontal Heavy-duty Oil Bath
Fuel Pump with Vacuum Booster (Except Cars with Accessory Electric Wipers)	Yes	Yes
Fuel Tank Capacity (Except Station Wagon)	20 Gals.	20 Gals.
Intake Manifold Heat Control	Automatic	Automatic

## Ventilation System—Engine

Complete Pressure—Suction Type	Yes	Yes
Heavy-duty Ventilator Inlet and Oil Filler Cap	Accessory	Accessory
Heavy-duty Crankcase Ventilator Outlet Air Cleaner	Accessory	Accessory

## Exhaust System

	Reverse Flow	
Muffler—Type		
Exhaust Pipe Diameter—Main	2.25	2.25
Exhaust Pipe Diameter—Branch	2.00	2.00
Tail Pipe Diameter	2.00	2.00
Optional Dual Exhaust Pipe Diameter—R.H. and L.H. (Not Avail- able on 4-Door, 3-Seat Station Wagon)	2.00	2.00
Optional Dual Exhaust Tail Pipe Diameter	1.75	1.75
Aluminized Tail Pipe	Yes	Yes

## Cooling

Water Pump Type	Centrifugal	Centrifugal
Water Pump and Fan Drive	"V" Belt	"V" Belt
Pump Shaft Runs on Sealed Ball Bearing	Yes	Yes
Water Pump Seal—Type	Synthetic Rubber Graphite-Lead Alloy	
Water Circulation Thermostatically Controlled	Yes	Yes
Location Thermostat	Engine Water Outlet	
Temperature Thermostat Opens—Standard	160°F	160°F
Accessory High Opening Thermostat for Ethylene Glycol Coolant Opens	170°F.	170°F.
Bypass Recirculation—Type	Internal	Internal
Water Around all Cylinders	Yes	Yes
Full-length Water Jacket	Yes	Yes
Water Around all Valves	Yes	Yes
Radiator Core—Type (Standard)	Cellular	
Radiator Core—Type (With Air Conditioning)	Tube and Center	
Core Thickness—Standard	2	2
Core Thickness—With Air Conditioning	1.75	1.75
Radiator Cap Relief Valve Pressure—Standard	6¼ to 7½ psi	
Radiator Cap Relief Valve Pressure—(With Air Conditioning)	12 to 15 psi	

\*Except Safari

\*\*Except Safari which uses the 28 model cleaner.

**Cooling (Continued)**

	56-27	MODEL	56-28
Cooling System Capacity—Standard Car—Quarts	22.7		22.7
Additional Capacity with Hydra-Matic	0*		0.6
Additional Capacity with Heater	1.6		1.6
Additional Capacity with Air Conditioning	0.1		0.1
Fan—Number of Blades (Standard)	4		4
Fan—Number of Blades (with Air Conditioning)	5		5
Fan Diameter—(Standard)	19		19
Fan Diameter (With Air Conditioning)	19.25		19.25
Ratio—Fan to Crankshaft Revolutions (Standard)	.88:1		.88:1
Ratio—Fan to Crankshaft Revolutions (With Air Conditioning)	.94:1		.94:1
Fan Shroud	Yes		Yes

**Ignition**

Maximum Automatic Engine Advance (At Crankshaft)	20°		20°
Vacuum Advance	Yes		Yes
Breaker Gap—(In.)	.016		.016
Spark Setting (Factory)—BUDC	5°		5°
Ignition Lock		In Switch	
Spark Plug Thread	14 mm		14 mm
Spark Plug Make and Model	AC 44		AC 44
Spark Plug Gap		.033-.038	

**Battery**

Make and Model		Delco 1890587	
Voltage Rating	12	12	
Length and Width		10.19 x 6.75	
Height (Over-all)	8.81	8.81	
Location		Underhood Left Side	
Capacity at 20-Hour Rate		53 Amp. Hrs.	
Number Plates per Cell	9	9	
Visual Filler Neck	Yes	Yes	

**Generator**

Type		Shunt Wound	
Current and Voltage Regulator	Yes	Yes	
Regulated Current—Room Temperature (Standard)		25 Amps.	
Regulated Current—Room Temperature (With Air Conditioning)		35 Amps.	
Regulated Voltage—Room Temperature	14.3	14.3	

**Starting Motor**

Starter Control (Solenoid)		Ignition Key	
Engine Cranking Speed		138 rpm	138 rpm
Engagement Type		Sliding Gear, Overrunning Clutch	
Gear Ratio—Starter to Engine		19.56:1	19.56:1

**Clutch**

Make		Inland With Long-driven Member	
No. of Clutch-driven Discs	One	One	
Type Pressure Plate Spring		Diaphragm	
Facing Size (O.D. x I.D. x Thickness)		10.0 x 6.75 x .13	
Facing Material		Woven Molded	
Drive Through Cushion Springs	Yes	Yes	
Release Bearing		Sealed Ball Bearing	
Clutch Pedal Booster Spring	Yes	Yes	
Clutch Pedal Pressure—Average	19 Lbs.	19 Lbs.	

**Transmissions**

Synchromesh Transmission—Standard	Yes	Yes	
Second and Third Speeds Synchronized	Yes	Yes	
Extension on Main Shaft	Yes	Yes	
Steering Column Gearshift	Yes	Yes	
Type Shift		Mechanical	
Shift Booster Spring	Yes	Yes	
Gearshift Lever Adjustable	Yes	Yes	
Number Forward Gears	3	3	
Helical Gears		All Speeds	
Constant Mesh Second	Yes	Yes	
Countershaft Bearings	Roller	Roller	
Number Ball and Roller Bearings Used	5	5	
Transmission Ratio—First	2.39:1	2.39:1	
Transmission Ratio—Second	1.53:1	1.53:1	
Transmission Ratio—Third	1.00:1	1.00:1	
Transmission Ratio—Reverse	2.53:1	2.53:1	
Lubricant Capacity	2.5 Pts.	2.5 Pts.	
S.A.E. Viscosity Number Recommended Year Around		EP80 or 90 Gear Lubricant	
Hydra-Matic Transmission		Accessory	
Safety Start Ignition	Yes	Yes	
Dual Range Drive	Yes	Yes	
LO Range Start and Drive in Second Gear	Yes*	No	

\*Except Safari which has 56-28 specification.

**Transmissions (Continued)**

	56-27	MODEL 56-28
Four Forward Speeds—One Reverse	Yes	Yes
Planetary Gearing	Yes	Yes
Transmission Ratio—First	4.10:1*	3.97:1
Transmission Ratio—Second	2.63:1*	2.55:1
Transmission Ratio—Third	1.55:1	1.55:1
Transmission Ratio—Fourth	1.00:1	1.00:1
Transmission Ratio—Reverse	4.62:1*	4.31:1
Cone Clutch Reverse	Yes	Yes
Locked Gear Parking with Selection Lever in	Reverse Position*	Parking Position
Forced Downshift Response up to	65 mph	70 mph
Part Throttle Forced Downshift Speed—mph	28 Max.*	35 Max.
Lubricant Capacity—Dry Refill (Pt.)	21.0*	21.9
Wet Refill (Pt.)	19.0*	18.7
Type Recommended Year Around	GM Hydra-Matic Drive Fluid AQ-ATF Type A	

**Universal Joints and Propeller Shaft**

Make	Saginaw	Saginaw
Number and Type Universal Joints	2—Cross Type Antifriction	
Type Universal Joint Bearings	High Melting Point Wheel Bearing Lubricant Hotchkiss	
Recommended Lubricant (Service)		
Type Drive	Tubular	Tubular
Type Propeller Shaft		
Diameter Propeller Shaft	3.00	3.00

**Rear Axle**

Type	Semi-floating	
Gear Type	Hypoid	Hypoid
Gear Ratio—Standard—Synchromesh Transmission	3.64:1	3.64:1
Gear Ratio—Hills—Synchromesh Transmission	3.90:1	3.90:1
Gear Ratio—Standard—Hydra-Matic Drive (Except Station Wagon)	3.08:1	3.23:1
Gear Ratio—Standard Hydra-Matic Drive—(Station Wagon)	3.23:1	None
Lubricant Capacity	3.25 Pts.	3.25 Pts.
Type Recommended Year Around	Passenger Car Duty SAE-90 Hypoid Lubricant	

**Wheels**

Type	Steel Disc	
Rim (Size and Flange Type)	15 x 5½ K	
Wheel Discs—Star Chief and 870 Models Except 870 Station Wagon	Yes	Yes

**Front Suspension**

Independent Coil Spring Type	Yes	Yes
Pivot Bearings	Threaded	
Neoprene Dust Seals	Yes	Yes
Caster Angle (Curb Weight)	1° Negative ± ½°	
Camber Angle (Curb Weight)	½° Positive ± ½°	
Toe-in (Outside Tread—Inches)	0 to .06"	
Type Shock Absorbers	Two-way Direct Acting—Sealed	
Shock Absorbers Manufacturer	Delco	Delco
Kingpin Bearing—Type	Line	Reamed Bronze Bushings
Kingpin Thrust Bearings—Type	Ball Bearings	
Front Springs—Type	Coil	Coil
Front Stabilizer—Type	Link	Link

**Rear Suspension**

Springs—Type	Leaf	Leaf
Length—Springs	58	60
Width—Springs	2	2
Full-length Spring Liners	Yes	Yes
Spring Shackles	Compression Type	
Silent Bloc Rubber Spring Bushings	Yes	Yes
Spring Bushing Lubricators Required	No	No
Auxiliary Rubber Springs	Yes	Yes
Shock Absorbers—Manufacturer	Delco	Delco
Shock Absorbers—Type	Two-way Direct Acting—Sealed	

**Steering**

Steering Control Type	Link-Parallelogram	
Over-all Steering Ratio—Standard	25:1	25:1
Over-all Steering Ratio—Power Steering (Accessory)	22.5:1	22.5:1
Gear—Type	Recirculating Ball Bearing	
Ball Thrust Bearing	Yes	Yes
Adjustment for Thrust Bearings	Yes	Yes
Adjustment for High Point	Yes	Yes
Steering Wheel Diameter	18	18
Steering Column Diameter	2.38	2.38

\*Except Safari which has 56-28 specification.

**Brakes**

	MODEL	
	56-27	56-28
Hydraulic—Internal Expanding	Yes	Yes
Diameter and Width of Shoes—Front	12 x 2.25	
Diameter and Width of Shoes—Rear	11 x 1.75	
Thickness Lining	.20	.20
Front Wheel Cylinder Bore	1.06	1.06
Rear Wheel Cylinder Bore	.94	.94
Length and Number of Primary Linings		
Front	10.05—2	10.05—2
Rear	9.29—2	9.29—2
Length and Number of Secondary Linings		
Front	12.92—2	12.92—2
Rear	11.93—2	11.93—2
Effective Area	178 Sq. In.	
Lining—Material	Molded	Molded
Brake Drum—Type and Material	Steel Shell With Centrifugally Cast Alloy Iron	Braking Surface
Multiple Brake Seals—Front and Rear	Yes	Yes
Percent Brake Effectiveness—Rear	43.7	43.7
Location Parking Brake Lever	Under Cowl—Left Side	
Parking Brake Operates On	Rear Wheels	
Area Parking Brake Linings	74 Sq. In.	
Brake Cables Sealed Against Mud, Ice	Yes	Yes

**Frame**

Channel Section Side Rails and Cross Members With Straight I-Beam "X" Members	Yes	Yes
Channel Depth—Maximum	6.06	6.09
Channel Width—Maximum	2.34	2.36
Channel Thickness (Except Convertible Coupe)	.14	.16
Channel Thickness—Convertible Coupe	None	.19
Boxed Side Members—Convertible	None	Yes

**Lamps**

	Standard	
Direction Signals	Guide	Guide
Lamp Maker	Yes	Yes
Headlamp—Sealed Beam (40-50 Watt)	In Bumper Assembly	
Parking Light Location	In Rear Fenders	
Location Tail and Stop Lights	In Rear Bumper Cross Bar	
Location License Light (Except Station Wagon)	In Rear	None
Location License Lights—Station Wagon	Bumper Guards	
Parking Light Bulb	#67	#67
License Light Bulb	#67	#67
Tail and Stop Light Bulb	#1034	#1034
Dome Light Bulb	#1004	#1004
Dome Light Bulb (Convertible)	None	#90
Rear Quarter Light Bulb (Star Chief Catalinas)	None	#90
Instrument Light Bulb	#57	#57
Headlamp Beam Indicator Bulb	#53	#53
Ignition Lock Light Bulb	#53	#53
Courtesy Lamp Bulb (Standard on Convertible, 870 and Star Chief Catalinas, and Safari)	#89	#89

**Balance Tolerances of Rotating and Reciprocating Parts**

Crankshaft, Connecting Rods, Pistons, Flywheel, and Clutch Assembly Balanced in Engine	½ In. Oz.	
Crankshaft Balancer Weight	.25 In. Oz.	
Clutch-driven Plate	.25 In. Oz.	
Connecting Rod—Balance Limit—For Center of Gravity Control—(Each End)	.06 Oz.	.06 Oz.
Piston Weight	.06 Oz.	.06 Oz.
Fan	.25 In. Oz.	
Generator Armature	.25 In. Oz.	
Universal Joint and Propeller Shaft—Each End	.75 In. Oz.	
Tires and Wheels	25 In. Oz.	
Rear Brake Drum Assembly	12 In. Oz.	
Front Wheel Hub and Brake Drum Assembly	8 In. Oz.	

**Tools**

Bumper Jack	Yes	Yes
Wheel Wrench and Jack Handle	Yes	Yes

**Body Items**

Key-operated Outside Door Locks—Both Front Doors	Yes	Yes
Push Button Inside Door Locks	Yes	Yes
All Doors May be Locked From Inside and Outside Without Key	Yes	Yes
Push Button Type Outside Door Releases	Yes	Yes
Swing Type Inside Door Releases	Yes	Yes
Crank-operated Front Ventipanes	Yes	Yes
Free-wheeling Inside Rear Door Locks	Yes	Yes
Self-locking Trunk Lock	Yes	Yes
Trunk Lid Counterbalanced	Yes	Yes

**Body Items (Continued)**

	56-27	MODEL	56-28
Dome Lamp With Integral Switch (Except Convertible Coupe and Star Chief Catalina Models)	Yes		Yes
Interior Lamp Switch:			
On Left Rear Door Hinge Pillar—Star Chief Four-door Catalina	None		Yes
Below Left Rear Arm Rest—Star Chief Two-door Catalina	None		Yes
On Left Folding Top Trim Panel—Convertible	None		Yes
Interior Light Comes on When Either Front Door is Opened	Yes		Yes
Interior Light Comes on When Either Rear Door is Opened	No		Yes
Glove Compartment Door Lock	Yes		Yes
Ash Tray Built Into Instrument Panel	Yes		Yes
Ash Tray in Rear Compartment (Except 2-Door Station Wagons)	Yes		Yes
Arm Rests—Front Doors	Yes		Yes
Arm Rests—Rear (Except 860 and 870 Station Wagons)	Yes		Yes
Coat Hooks (Except Convertible Coupe)	Yes		Yes
Robe Cord on 4-Door Star Chief Sedans	None		Yes
Front Floor Mat—Rubber Compound (Except Star Chief 2- & 4-Dr. Catalinas and Safari)	Yes		Yes
Front Floor Mat—Woven Carpet in all Star Chief 2- & 4-Dr. Catalinas and Safari)	Yes		Yes
Rear Floor Mat—Rubber Compound (Except Star Chief 2- & 4-Dr. Catalinas and Safari)	Yes		Yes
Rear Floor Mat—Woven Carpet—Star Chief 2- & 4-Dr. Catalinas and Safari)	Yes		Yes
Zigzag Spring Construction—All Seats (Except 3rd Seat on 3-Seat Station Wagon)	Yes		Yes

**Relation of Engine to Rear Wheel Revolutions****7.10" x 15" Tires (24# Pressure)**

Axle Ratio	3.90:1	3.64:1	3.23:1	3.08:1
Engine Revolutions per Mile	2863	2669	2371	2258
Rear Wheel Revolutions per Mile	734	734	734	734

**7.60" x 15" Tires (22# Front and 20# Rear)**

Axle Ratio	3.90:1	3.64:1	3.23:1	3.08:1
Engine Revolutions per Mile	2816	2625	2333	2222
Rear Wheel Revolutions per Mile	722	722	722	722

Note: Engine Revolutions per Mile and Revolutions per Minute are the same at 60 miles per hour.

**860 Station Wagon—Three-Seat—Four-Door**

This body model will be furnished on the 56-27 chassis. Specifications are the same as tabulated for those models, except as noted below:

Maximum Allowable Weight—9 Passengers or Driver and	1050#
Over-all Length—Tail Gate Open	217.1
Over-all Length—Tail Gate Closed	206.0
Over-all Height—Loaded	61.0
Number Passengers—Including Driver	9
Number Seats	3
Rear Seat Backrest Support and Second Seat Fold Flush With Floor to Accommodate Luggage	Yes
Loading Space Back of Front Seat—Rear Seats Folded:	
Length—At Floor—Front Seat Forward Position—Tail Gate Closed	89.2
Length—At Belt Line—Front Seat Forward Position—Tail Gate Closed	75.5
Area at Floor Level in Square Feet—Tail Gate Closed	32.5
Width Above Wheelhouse	56.5
Width Inside Wheelhouse	46.4
Ceiling Height at Centerline of Car (Back of Front Seat)	37.6
Loading Space Back of Intermediate Seat—Rear Seat Folded:	
Length—At Floor	51.2
Length—At Belt Line	39.5
Area at Floor Level in Square Feet—Tail Gate Closed	16.7
Width Above Wheelhouse	56.5
Width Inside Wheelhouse	46.4
Ceiling Height at Centerline of Car at Rear Axle Line	36.7
Number Doors	4
Window Regulators on all Doors	Yes
Front Windows Equipped with Crank-operated Ventipanes	Yes
Arm Rests on Front Doors	Yes
Rear Quarter Windows Equipped with Friction-controlled Ventipanes	Yes
Lift Gate May Be Swung Open and Held in Two Open Positions	Yes
Tail Gate Opened Adds to Length of Floor	21.4
Tail Gate Opened Adds to Area—At Floor Level—Square Feet	6.5
Height Loading Space Opening—Tail Gate and Back Window Open	28.1
Width Loading Space Opening—Tail Gate and Back Window Open—At Belt Line	42.6
Coated Fabric Inside Door Panels and Inside Rear Quarter Panels Above Wheelhouse	Yes
Rear Floor Mat Between Front and Rear Seat—Rubber Compound	Yes
Floor Covering in Loading Space—Linoleum	Yes
Spare Tire Enclosed in Compartment Under Rear Floor of Body	Yes
Tire Size—7.60" x 15"—4-Ply	Yes

**860 Station Wagon—Three-Seat—Four-Door (Continued)**

	MODEL	
	56-27	56-28
Tire Inflation Pressure Cold—Front and Rear		26 psi
Heavy-duty Chassis Springs—Front and Rear		Yes
Special 16-Gallon Gasoline Tank		Yes
License Lamp in Rear Bumper Guards		Yes

**860 Station Wagon—Two-Seat—Two-Door**

This body model will be furnished on the 56-27 chassis. Applicable specifications are the same as for the 860—Three-Seat—Four-Door Station Wagon except as noted below:

Number of Doors	2
Number of Seats (Second Seat Folding)	2
Tilt-in Divided Front Seat Backs Provided for Access to Second Seat	Yes
Crank-operated Windows in Rear Compartment	Yes
Number of Passengers—Including Driver	6
Loading Space Back of Front Seat—Front Seat in Forward Position and Rear Seat Folded:	
Length—At Floor—Tail Gate Closed	89.2
Length—At Belt Line—Tail Gate Closed	75.5
Area at Floor Level in Square Feet—Tail Gate Closed	32.5
Loading Space Back of Upright Rear Seat:	
Length—At Floor—Tail Gate Closed	47.4
Length—At Belt Line—Tail Gate Closed	35.8
Area at Floor Level in Square Feet—Tail Gate Closed	15.5
Special 17-Gallon Gasoline Tank	Yes

**870 Station Wagon—Two-Seat—Four-Door**

This body model will be furnished on the 56-27 chassis. Applicable specifications are the same as for the 860 Station Wagon—Three-Seat—Four-Door except as noted below:

De Luxe Reveal Molding	Yes
Number of Seats (Second Seat Folding)	2
De Luxe Steering Wheel	Yes
Loading Space Back of Front Seat—Front Seat in Forward Position and Rear Seat Folded:	
Length—at Floor—Tail Gate Closed	89.2
Length—At Belt Line—Tail Gate Closed	75.5
Area at Floor Level in Square Feet—Tail Gate Closed	32.5
Loading Space Back of Upright Rear Seat:	
Length—At Floor—Tail Gate Closed	47.4
Length—At Belt Line—Tail Gate Closed	35.8
Area at Floor Level in Square Feet—Tail Gate Closed	15.5
Number of Passengers—Including Driver	6
Special 17-Gallon Gasoline Tank	Yes

**Safari Station Wagon—Two-Seat—Two-Door**

This body model will be furnished on the 56-27 chassis. Applicable specifications are the same as for the 860 Station Wagon—Two-Seat—Two-Door except as noted below:

Four-Barrel Carburetor Standard	Yes
Chrome Lower Rear Fender Moldings	Yes
28 Series Side and Upper Rear Fender Moldings	Yes
Rear Fender Ornament, Tail and Back-Up Lamps Same as Star Chief and 870 Sedans and Coupes	Yes
Electric Clock	Yes
Courtesy Lamps in Front Compartment	Yes
De Luxe Steering Wheel	Yes
Arm Rests in Rear Compartment	Yes
Carpet Floor Covering in Passenger and Loading Space	Yes
Four Chrome Moldings on Loading Space Floor and Tail Gate	Yes
Rear Seat Side Windows Slide Open	Yes
Over-all Length—Tail Gate Open	220.1
Over-all Length—Tail Gate Closed	206.7
Over-all Height—Loaded	59.6
Loading Space Back of Front Seat—Front Seat in Forward Position and Rear Seat Folded:	
Length—At Floor—Tail Gate Closed	87.9
Length—At Belt Line—Tail Gate Closed	68.4
Area at Floor Level in Square Feet—Tail Gate Closed	32.1
Width Above Wheelhouse	56.5
Ceiling Height at Centerline of Car at Rear Axle Line	34.6
Loading Space Back of Upright Rear Seat:	
Length—At Floor—Tail Gate Closed	46.1
Length—At Belt Line—Tail Gate Closed	28.6
Area at Floor Level in Square Feet—Tail Gate Closed	15.0
Tail Gate Opened Adds to Length of Floor	26.5
Tail Gate Opened Adds to Area at Floor Level—Square Feet	7.6
Height Loading Space Opening—Tail and Lift Gates Open	28.0
Width Loading Space Opening (Mean)	41.8
Tire Inflation Pressure Cold—Front and Rear	24 psi.