

	*Regular Fuel SM	Premium Fuel SM & HM	Heavy Duty
<b>Battery—</b>			
Delco Energizer No. ....	Y59	R59	R69
Watt rating @ 0°F. ....	2,350	2,900	3,150
Amps. ....	53	61	70
	*Use R59 or 2900 watt with air conditioning.		
<b>Capacities—</b>		U.S. Capacities	Imperial Capacities
Fuel (except Station Wagon) .....		26.5 gal.	21.75 gal.
Station Wagon .....		24.0 gal.	20.75 gal.
Cooling system (all) .....		20 qts.	16.75 qts.
Engine crankcase (400 and 428 cu. in. all) .....		5 qts.	4.25 qts.
With filter change .....		6 qts.	5 qts.
Differential .....		4.5 pts.	3.75 pts.
Brake master cylinder—fill to ½" from top using fluid meeting SAE 70R3 specifications.			
<b>Transmission—</b>			
Manual 3-speed .....		2.8 pts.	2.5 pts.
Manual 4-speed .....		2.5 pts.	2 pts.
<b>Turbo Hydra-Matic—</b>			
Refill after draining (approx.) .....		7 pts.	5.75 pts.
Refill after disassembly (approx.) .....		19 pts.	15.75 pts.

### Fuses and Circuit Breakers

FUSE DESCRIPTION	Fuse Type	Capacity (Amps)
Instrument Panel Rheostat Lamps...	SFE	4
Cigar Lighter .....	SFE	20
Tail Lamps .....	SFE	20
Stop Lamps .....	SFE	20
Heater .....	AGC	25
Windshield Wiper Motor .....	SFE	20
Radio .....	AGC	10
Air Condition .....	AGC	30
Light Switch Circuit Breaker* .....	—	15
Power Accessory Circuit Breaker .....	—	40

\*Integral—Not Replaceable

### Replacement Parts Recommendations

ITEM	USAGE	ORIGINAL EQUIPMENT
Oil Filter .....	All .....	AC Type PF-24
Air Cleaner .....	V8 (2 bbl.) .....	AC Type A154C; Opt. A277C
	V8-428 .....	
	V8 (4 bbl.) .....	AC Type A274C; Opt. A279C
PCV Valve .....	All .....	AC Type CV679C
Radiator Pressure Cap .....	All .....	Type RC-15
Fuel Tank Cap .....	All (exc. sta. wag.) .....	Non-vented Type
	Station Wagon .....	Vented Type (anti-surge)

61

## General Specifications PONTIAC

<b>Wheelbase—</b>			
Catalina and Grand Prix .....			121"
Star Chief and Bonneville (except Station Wagons) .....			124"
Station Wagons .....			121"
<b>Track—Front</b> .....			63"
—Rear .....			64"
<b>Maximum Overall Dimensions:</b>			
<b>Length—</b>			
Catalina (except Station Wagon) and Grand Prix .....			216.5"
Star Chief and Bonneville (except Station Wagons) .....			223.8"
Station Wagons .....			218.1"
<b>Width</b> .....			79.8"
<b>Height—</b>			
Catalina and Executive .....			54.8"
Bonneville .....			53.8"
Grand Prix .....			53.0"
<b>Engine—</b>			
Type and No. of cylinders .....	400 cu. in. (All) V-8	428 cu. in. Exc. H.O. V-8	428 cu. in. High Output (H.O.) V-8
Valve arrangement .....	In-Head	In-Head	In-Head
Valve lash .....	0"-Hydraulic	0"-Hydraulic	0"-Hydraulic
Bore and stroke .....	4.120" x 3 3/4"	4.120" x 4"	4.120" x 4"
Piston displacement .....	400 cu. in.	428 cu. in.	428 cu. in.
<b>Compression ratio—</b>			
Manual Trans. (except Bonneville and Grand Prix) std. ....	—	10.5:1	10.75:1
Manual Trans. (Bonneville and Grand Prix) std. ....	10.5:1	10.5:1	10.75:1
Reg. fuel engine Turbo Hydra-Matic .....	8.6:1	—	—
Turbo Hydra-Matic .....	10.5:1	10.5:1	10.75:1
Taxable horsepower .....	54.3	54.3	54.3
<b>Ignition Timing—</b>			
(With vacuum lines disconnected and manifold opening covered) 9° BTDC			
<b>Distributor</b>			
Dwell angle .....	28° to 32°		
Point gap .....	.016"		
Firing Order (All) .....	1-8-4-3-6-5-7-2		
<b>Spark Plugs—</b>			
Normal driving except trailer package, police and 428 .....			AC 45S
Standard trailer package, police and 428 H.O. ....			AC 44S
Extended high speed driving .....			AC 43S
Gap .....			.035