

Engine Cooling Systems

GENERAL MOTORS (Cont.)

CHEVROLET (Cont.)

THERMOSTAT

Thermostats should be checked to ensure that they are fully open 25°F above specified thermostat value or value stamped on thermostat. Thermostat applications are as follows:

Application	Thermostat (°F)
Chevette	180
350" Hi Performance	190
All Others	195

PRESSURE VALVE

All models use a 15 lb. pressure cap. Test at 14-16 lbs.

WATER PUMP

Water pumps are serviced as an assembly only.

MAINTENANCE

Inspect cooling system every 12 months or 15,000 miles. Drain and flush cooling system every 24 months or 30,000 miles.

OLDSMOBILE

Application	CAPACITY (Qts.)	
	Non A/C	A/C
Starfire		
140" 4 Cyl.	8.5	8.5
231" V6	13.5	14.0
Omega		
250" 6 Cyl.	15.5	16.5
260" V8	23.0	23.5
350" V8	21.5	22.0
Cutlass		
250" 6-Cyl.	17.0	17.0
260" V8	23.5	23.5
260" V8 Y72	26.0	26.0
350" V8	20.0	20.0
350" V8 Y72	22.5	22.5
455" V8	21.0	21.5
455" V8 Y72	23.5	23.5
"88"		
350" V8	20.0	20.0
350" V8 Y72	22.5	22.5
455" V8	21.0	21.5
455" V8 Y72	23.5	23.5
Crustom Cruiser & "98"		
455" V8	21.0	21.5
455" V8 Y72	23.5	23.5
Toronado		
455" V8	21.5	21.5

THERMOSTAT

Application	Opens	Fully Opens
All Starfire	190°F	212°F
350" V8 Omega	190°F	212°F
All Others	195°F	222°F

PRESSURE VALVE

All models use a 15 lb. radiator pressure cap. Test at 14-17 lbs. pressure.

WATER PUMP

Water pump on all models is serviced as an assembly only. Install pump assembly on front cover using new gasket and suitable sealer.

MAINTENANCE

Inspect cooling system every 12 months or 15,000 miles. Drain and flush cooling system every 24 months or 30,000 miles.

PONTIAC

THERMOSTAT

Thermostat should initially open at 192-198°F and be fully open at 220°F.

PRESSURE VALVE

All models use a 15 lb. radiator cap. Test at 14-17 lbs.

WATER PUMP

Water pumps are serviced as an assembly only.

MAINTENANCE

Inspect cooling system every 12 months or 15,000 miles. Drain and flush cooling system every 24 months or 30,000 miles.

GENERAL MOTORS (Cont.)

PONTIAC (Cont.)

CAPACITY (Qts.)

Application	Non A/C	A/C
Astre & Sunbird		
140" 4 Cyl.	7.0.....	7.0
232" V6.....	13.3.....	13.8
Ventura		
250" 6 Cyl.	①13.0.....	13.3
260" V8.....	①20.6.....	21.3
350" V8.....	17.3.....	18.0
Firebird		
250" 6 Cyl.	12.7.....	13.8
350" V8.....	21.2.....	②21.7
400" V8		
Man. Trans.	21.6.....	23.5
Auto. Trans.	21.2.....	③21.7
455" V8.....	23.3.....	23.3
LeMans		
250" 6 Cyl.	15.0.....	15.0
260" V8.....	23.5.....	26.0
350" V8.....	21.4.....	22.0
400" V8.....	21.4.....	④22.0
455" V8.....	19.6.....	21.6
Grand Prix		
350" V8.....	21.6.....	22.0
400" 2-Bbl.	21.4.....	22.0
400" 4-Bbl.	21.6.....	22.3
455" V8.....	20.2.....	21.9
Catalina, Bonneville & Safari		
400" 2-Bbl.	21.6.....	22.4
400" 4-Bbl.	21.6.....	21.6
455" V8.....	19.8.....	22.1

- ① — Add 0.1 qt. for vehicles with Man. Trans.
- ② — 23.5 qts. with 2-Bbl. Man. Trans.
- ③ — 23.3 qts. with WS4.
- ④ — 23.4 qts. with 4-Bbl.