

GENERAL MOTORS (Cont.)

CADILLAC

CAPACITY (Qts.)	
Application	Capacity
Seville.....	18.9
Fleetwood 75.....	25.8
All Others.....	23.0

THERMOSTAT

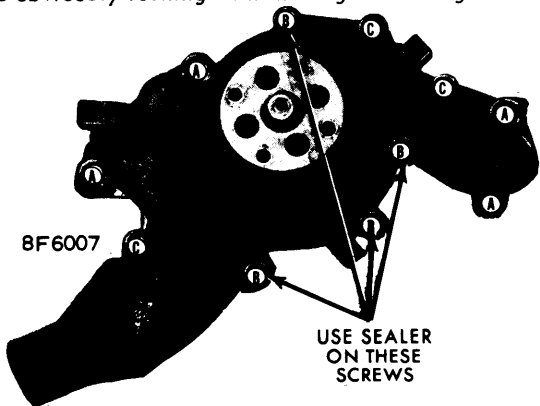
Thermostat should initially open at 177-182°F. and be fully open at 202°F.

PRESSURE VALVE

All models use a 15 lb. radiator cap. Test at 13.5-16.5 lbs.

WATER PUMP

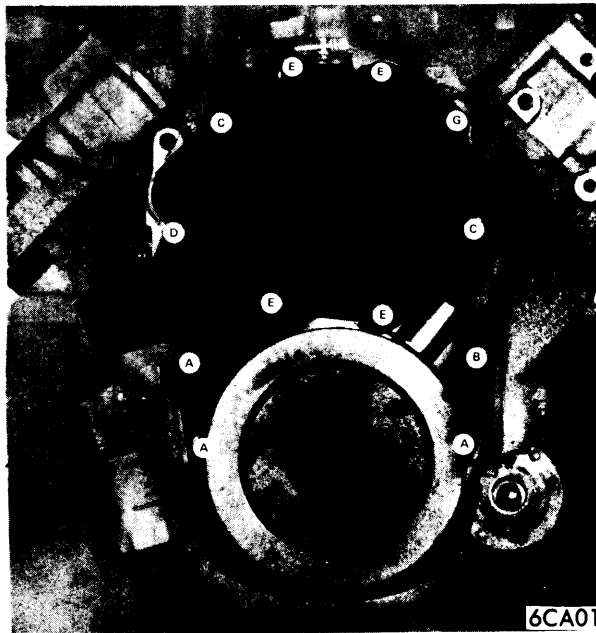
NOTE – Some water pumps may have a reddish or greenish coolant stain at vent hole below shaft. This is a normal condition and water pump should not be serviced unless it is obviously leaking with the engine running.



Key	No.	Size	Torque
A	(4)	3/8 - 16 x 1-3/8	22 foot-pounds
B	(4)	1/4 - 20 x 1-1/8	70 inch-pounds
C	(3)	5/16 - 18 x 1-1/4	15 foot-pounds

WATER PUMP ATTACHING BOLT LOCATIONS (ALL EXCEPT SEVILLE)

Overhaul of water pump on all models except Seville is possible only if special tool kit is used. Tool kit and overhaul parts kits are available. Water pump on Seville should not be overhauled if defective. It must be replaced.



Key	No.	Size	Torque
C	(2)	5/16-18 x 1-1/2	22 Foot Pounds
D	(1)	5/16-18 x 2-1/2	22 Foot Pounds
E	(4)	1/4 -20 x 1-1/4	13 Foot Pounds
G	(1)	5/16-18 x 1-1/2 (stud on head)	22 Foot Pounds

WATER PUMP ATTACHING BOLT LOCATION (SEVILLE MODELS)

MAINTENANCE

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

CHEVROLET

CAPACITY (Qts.)					
Application	Non A/C	A/C	Application	Non A/C	A/C
Chevette			Camaro		
1.4 & 1.6 Litre.....	8.5.....	9.0	250" 6 Cyl.	15.0.....	16.0
Vega			305 & 350" V8.....	17.5.....	18.5
122 & 140" 4 Cyl.	8.0.....	8.0	Nova		
Monza			250" 6 Cyl.	14.0.....	15.0
140" 4 Cyl.	8.0.....	8.0	305, 350 & 400" V8.....	17.2.....	17.8
262 & 305" V8.....	18.0.....	18.0	Monte Carlo		
Corvette			All.....	17.4.....	18.0
All.....	21.0.....	21.0	Chevrolet		
			350 & 400" V8.....	18.0.....	18.0
			454" V8.....	23.....	25

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.