

ENGINE COOLANT SPECIFICATIONS (Cont.) CHRYSLER CORP. (Cont.)

PRESSURE CAP

All models use a 16 lb. pressure cap which should be tested at 14-17 lbs. Cap is also equipped with a vent valve in center of cap that allows a small flow through the cap when temperature is below boiling, but closes when boiling point is reached. Valve also opens when coolant is cooling and contracting, permitting coolant to return to radiator from coolant reserve tank.

CAUTION — Warning words "DO NOT OPEN HOT" printed on radiator pressure cap are a safety precaution and should be heeded whenever engine is warm.

WATER PUMP

Pump is serviced as an assembly only. When replacing water pump do not install a standard pump on any air conditioned vehicle or vice versa. It is possible to replace pump without discharging air conditioning system. When replacing a water pump because of a bearing or shaft failure, carefully inspect

the fan for cracks, loose blades or rivets caused by excessive vibration. If any of these problems are found, fan should also be replaced.

CAPACITY (Qts.)		
Application	Standard	With A/C
1.7L (105") 4-Cyl.	6.0	6.0
2.2L (135") 4-Cyl.	7.0	7.0
2.6L (156") 4-Cyl.	8.5	8.5
3.7L (225") 6-Cyl.	11.5	①14.5
5.2L (318") V8	15.0	②17.5

① — Diplomat and LeBaron capacity is 12.5 qts.
② — Diplomat and LeBaron capacity is 15.5 qts.

MAINTENANCE

Inspect cooling system every 12 months or 15,000 miles. Drain and flush cooling system at 36 months or 52,500 miles, and every 24 months or 30,000 miles thereafter.

FORD MOTOR CO.

CAPACITY (Qts.)		
Application	Standard	With A/C
1.6L (98") 4-Cyl.	8.0	8.0
2.3L (140") 4-Cyl.	8.5	9.0
3.3L (200") 6-Cyl.		
All Models	8.0	8.0
4.2L (255") V8		
Mustang & Capri	13.4	13.7
All Other Models	13.4	13.5
5.0L (302") V8		
All Models	13.0①	13.5
5.8L (351") V8		
With Tow Package	15.0	15.0
All Other Models	14.0	14.0

① — Thunderbird/XR7 capacity is 12.7 quarts.

THERMOSTAT

Thermostat Opening Temperatures (°F)		
Application	Starts Open	Fully Open
1.6L (98") 4-Cyl.	192-197	212-221
2.3L (140") 4-Cyl.	188-195	212
3.3L (200") 6-Cyl.	193-200	212
4.2L (255") V8	188-195
5.0L (302") V8	193-200
5.8L (351") V8	193-200	221

On 4 and 6-cylinder engines, thermostat is located in thermostat housing on cylinder head. On V8 engines, thermostat is located in thermostat housing on intake manifold. Test thermostat to make sure it starts to open and is fully open at specified temperatures.

PRESSURE CAP

On Escort and Lynx models, a 16 psi pressure cap is used which should be tested at 13-19 psi. On Mustang, Capri, Fairmont and Zephyr models with standard cooling, a 13 psi pressure cap is used which should be tested at 11-17 psi. On all models with A/C, a 16 psi pressure cap is used which should be tested at 13-19 psi.

WATER PUMP

Ford Motor Co. recommends replacement of water pump if wear or damage exists. No attempt to overhaul or repair pump should be made.

MAINTENANCE

NOTE — Vehicles designate maintenance schedule "B" or (B) on glovebox and engine emission control information decal.

Check coolant condition annually. Drain, clean, flush and refill system if inspection indicates sufficient dirt or rust to impair cooling ability. Ford Motor Company recommends that hoses and clamps be inspected every 50 months or 50,000 miles and that coolant should be replaced every 50,000 miles, or every 3 years whichever occurs first.