

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 |
|--|----------|----------|
| Horizon & Omni | | |
| 105" 4-Cyl. | 6.0 | 6.0 |
| Aspen, Cordoba, Diplomat, LeBaron, Mirada & Volare | | |
| 225" 6-Cyl. | 11.5 | ①12.5 |
| 318" V8 | 15.0 | ②15.5 |
| 360" V8 | 15.0 | ①15.0 |
| Gran Fury, Newport, New Yorker & St. Regis | | |
| 225" 6-Cyl. | 11.5 | ①14.5 |
| 318" V8 | 15.0 | ①17.5 |
| 360" V8 | 16.0 | ①16.0 |

- ① — Hvy. Duty; same as A/C.
- ② — Hvy. Duty; 16.5.

MAINTENANCE

After 24 months or 30,000 miles of operation and every 12 months or 15,000 miles thereafter, inspect, drain, clean and back-flush entire cooling system.

FORD MOTOR CO.

CAPACITY (Qts.)

| Application | Standard | With A/C |
|-----------------------------------|----------|----------|
| Pinto & Bobcat | | |
| 2300 cc 4-Cyl. | 8.6 | 8.9 |
| Mustang, Capri, Zephyr & Fairmont | | |
| 2300 cc 4-Cyl. | 8.6 | 9.0 |
| 2300 cc Turbo | 9.2 | 9.2 |
| 200" 6-Cyl. | 8.1 | 8.1 |
| 255" V8 | 13.4 | 13.5 |
| Granada & Monarch | | |
| 250" 6-Cyl. | 10.6 | 10.8 |
| 255" V8 | 14.6 | 14.7 |
| 302" V8 | 14.2 | 14.3 |
| Versailles | | |
| 302" V8 | 13.9 | 13.9 |
| Thunderbird & Cougar | | |
| 302" V8 | 12.7 | 12.8 |
| Ford & Mercury | | |
| 255" V8 | 12.6 | 12.8 |
| 302" V8 | 13.0 | 13.3 |
| 351" V8 | 13.9 | 14.0 |
| Continental & Mark VI | | |
| 302" V8 | 13.0 | 13.3 |
| 351" V8 | 13.9 | 14.0 |

THERMOSTAT

On all engines, thermostat housing connects to lower radiator hose. Test thermostat to see that it starts to open and is fully open at specified temperatures.

Thermostat Opening Temperatures (°F)

| Application | Starts Open | Fully Open |
|---------------------|-------------|------------|
| 2300 cc 4-Cyl. | 188-195 | 212 |
| 200" 6-Cyl. | 193-200 | 212 |
| 250" 6-Cyl. | 193-200 | 221 |
| All V8 | 193-200 | 221 |

PRESSURE CAP

All Pinto, Bobcat, Mustang, Capri, Fairmont and Zephyr models with standard cooling use 13 psi pressure cap which should be tested at 11-17 psi. All other models (Fairmont & Zephyr with A/C) use a 16 psi cap 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 "A" 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.