

Engine Cooling Systems

FORD MOTOR CO.

CAPACITIES (Qts.)

Application	① Standard	① Optional
Pinto		
2000cc	8.4	
2300cc	8.7	8.9
Maverick & Comet		
200"	9.0	
250"	9.7	
302"	13.4	14.2
Mustang		
2300cc	8.8	9.2
2800cc	12.5	12.8
Torino, Montego, & Cougar		
250"	11.9	11.9
302"	15.7	15.7
302" Police & Taxi	17.3	17.3
351"C	15.9	16.5
351"C Police		16.5
351"W	16.8	16.8
351"W Police	17.4	17.4
351"C4V	15.9	16.5
351"C4V Police		16.5
400"	17.7	18.3
400" Police		18.3
460"	18.9	19.5
460" Police		19.5
Mark IV		
460"		19.5
Thunderbird		
460"		19.8
Ford		
351"W	16.6	17.2
Ford & Mercury		
351"C	16.2	16.7
351"C Police		16.7
400"	18.1	18.6
400" Police		18.6

① — Cooling systems with Coolant Recovery Systems require an additional quart.

THERMOSTAT

Thermostat is located in water outlet elbow. Test thermostat to see that they start to open at the correct temperatures as indicated in following table.

Thermostat Opening Temperatures ①

Application	Low Temp.	High Temp.
All Except Pinto	157-164	188-195
Pinto		183-190

① — All temperatures are in °F.

PRESSURE VALVE

Test radiator cap at 12-16 lbs. pressure.

WATER PUMP

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

MAINTENANCE

Inspect cooling system every 12,000 miles. Drain, clean, and flush system if inspection indicates sufficient dirt or rust to impair cooling ability. Ford recommends that coolant be replaced every 36 months or 36,000 miles.

GENERAL MOTORS

BUICK

CAPACITIES (Qts.)

Application	Standard	Optional
Apollo		
250"	14.0	16.0
350"	18.9	19.3
Century & Regal		
350"	16.4	16.8
455"	16.2	16.6
Le Sabre, Estate Wagon, & Centurion		
350"	18.9	18.9
455"	19.3	19.0
Electra & Riviera		
455"	18.7	19.0

THERMOSTAT

Thermostat should initially open at approximately 190°F. and be fully open at 212°F.

PRESSURE VALVE

All models use a 15 lb. radiator cap.

WATER PUMP

Water pump should be serviced as an assembly only if there is excessive endplay or roughness in bearing operation.

MAINTENANCE

Inspect, drain and clean cooling system every 24 months.