GROUP 7 - COOLING SYSTEM

Specifications (All C300K Models)

Capacity
- With Heater . . . . . 17 qts.
- Without Heater . . . . . 16 qts.

Radiator
- Type . . . . . Tube and Spacer

Radiator Pressure Cap
- Type. . . . . Pressure Vent
- Pressure Setting . . . . . 12-15 psi (Standard) 15-16 psi (Air Conditioning Only)

Transmission Oil Cooler
- Type . . . . . Concentric Tube
- Location . . . . . Radiator Bottom Tank

Fan
- Standard on Firepower 360 engine . . . . . 4 Blade, 18" Diameter
- Standard on Firepower 390 or with Air Conditioning . . . . . 7 Blade, 18" Diameter
- Fluid Fan Drive Type . . . . . Silicone fluid filled, - thermal control (Air Conditioning Only)

Fan Shroud
- Type (with Air Conditioning) . . . . . Full Box

Thermostat
- Type . . . . . Pellet
- Setting . . . . . 177° to 183°F.

Water Pump
- Type. . . . . Centrifugal Ball Bearing

ACCESSORY BELT DRIVE - SPECIFICATIONS

Torque Method - All Models

Torque (Foot-Pounds) to be applied to Components

Accessory	For Belt in Use	For New Belt
Power Steering Bracket.	45	45
Alternator		
with Air Conditioning.	40	60
without Air Conditioning	40*	60*
Fan Idler Bracket	35	50

*NOTE: The torque wrench assumes a different position according to the model, when adjusting the belt tension.

Belt Deflection Method-All Models

+ Deflection (Inches) to be Applied at Midpoint of Belt Segment Under a 5 pound Load.

Accessory	For Belt in Use	For New Belt
Power Steering	3/16	3/16
Fan Belt - Idler	1/8	1/16
Alternator - Without A/C*	1/4	1/8
With A/C*	3/8	1/4

*A/C - Air Conditioning

The C-300K is equipped with a tube and spacer type full-flow radiator and a centrifugal ball bearing water pump with a 180° thermostat.

In operation: During cold weather operation when the temperature of the air leaving the radiator is under 150°F., the temperature regulated fan drive rotates at lower speeds. At cruising speeds, the normal fan drive enables the fan to provide adequate cooling (with only 1/3 to 1/2 of the engine output, therefore, lower fan speed causes less fan noise at high road speeds.

The service procedures are the same as those outlined in the 1964 Imperial and Chrysler Service Technical Manual.