VARIABLE SPEED COOLING FANS

WITHOUT THERMOSTATIC CONTROL

Chrysler Corp. Torque Control Drive
Cars Without Air Conditioning

DESCRIPTION

This unit is basically the same as the thermostatically controlled fan clutch except it is not controlled by a temperature sensitive coil. It allows the fan to be driven in normal manner at low speeds while limiting the top speed of the fan to a predetermined level at higher speeds. The silicone in the clutch housing provides a more positive drive at lower speeds and allows greater slippage between the driven member and driving member at higher engine speeds.

TESTING

In case of engine overheating during low car speed or idle operation increase engine speed to approximately 1000 RPM in neutral gear. If condition is not corrected by increasing engine speed, replace fan drive unit with a unit that is known to be operating properly and test by operating vehicle under same conditions. Replace unit assembly if trouble was corrected with test unit.

NOTE – *If unit is not operating properly or is damaged, replace unit. All units are non-adjustable.*

ENGINE COOLANT CAPACITIES

AMERICAN MOTORS

CAPACITY (Qts.)

Application	Standard	With A/C
Gremlin		
232" & 258" 6-Cyl.	11	14
Hornet		
232" & 258" 6-Cyl.	11	11.5
304" V8	16	16
Matador		
258" 6-Cyl.		
Coupe	13.5	13.&
258" 6-Cyl.		
Sed. & Wgn.	11.5	11.5
304" V8		
Coupe	①18.5	①18.5
304" V8		
Sed. & Wgn.	①16.5	①16.5
360" V8		
Coupe	17.5	17.5
360" V8		
Sed. & Wgn.	①15.5	①15.5
Pacer (All)	14	14

① – Add two quarts with coolant recovery system.

THERMOSTAT

Thermostat is located in water outlet elbow. It opens at 195°F and is fully open at 218°F.

NOTE – *Heat range necessitates the use of ethylene glycol type anti-freeze.*

PRESSURE VALVE

All American Motors models use a 15 lb. pressure cap which should be tested at 12-15 lbs.

WATER PUMP

Packless, sealed ball bearing type. Service as an assembly only.

MAINTENANCE

At 25,000 miles or 25 months, change engine coolant. Thereafter, change coolant every 12 months, at the start of winter.