

TO: SERVICE MANAGER MECHANICS
PARTS MANAGER

No. 95-3

Oil Thermostat/Filter Adapter

Models

All 1996 Hi-Performance Models: HP500, 500 (Bulldog), 525SC, 600SC & 800SC

Oil Temperature

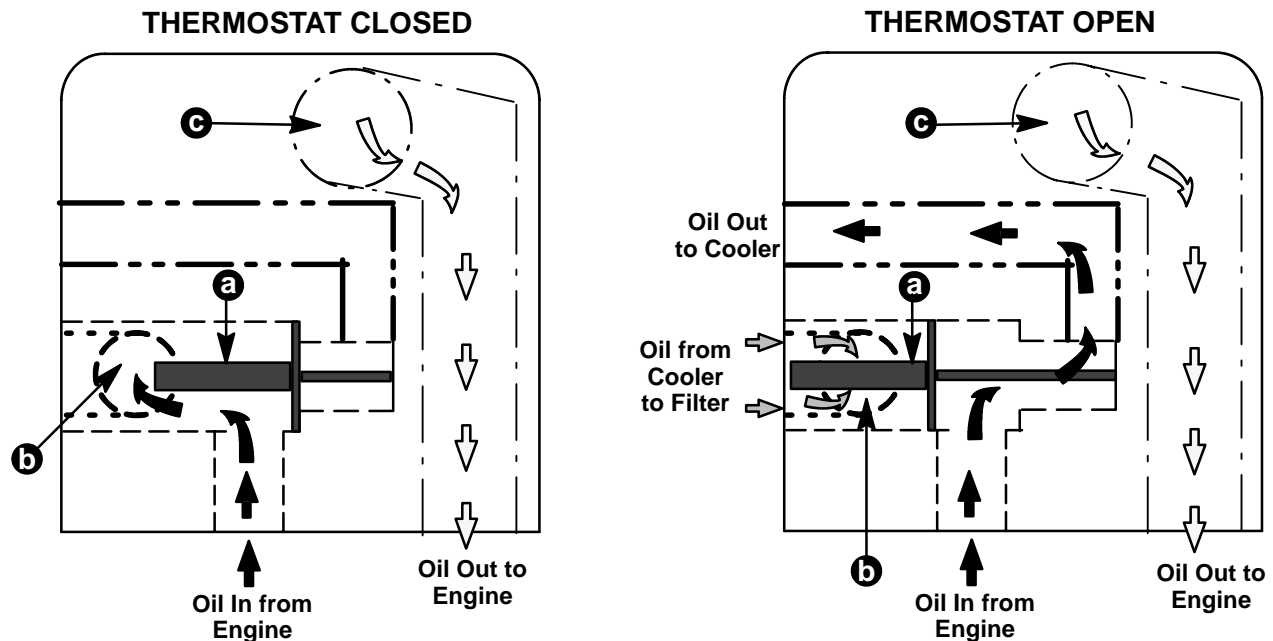
All 1996 Hi-Performance engines will have the oil temperature controlled by a thermostat mounted in the oil filter housing. Also in the housing is an oil bypass valve should the oil filter become plugged. Controlling oil temperature improves engine lubrication and reduces moisture in the engine.

Operation

Oil Thermostat Closed: Oil from engine flows directly to the oil filter and then back to the engine.

Oil Thermostat Open: When the oil thermostat is fully open, oil is directed first to the oil cooler, then back through the filter and returned to the engine. The oil thermostat starts to open at 194°F (90°C) and is fully open at 284°F (140°C).

Connections/Oil Routing.



- a - Oil Thermostat
- b - Oil To Oil Filter
- c - From Oil Filter

NOTE: If it is necessary to remove thermostat from adapter, install according to above illustration.