

ENGINE OILING

ENGINE LUBRICATION SYSTEM

Rotor-type pump is driven by crankshaft and delivers pressurized oil to main gallery.

Crankcase Capacity

Crankcase capacity with filter change is 6 qts (5.7L).

Oil Pressure

OIL PRESSURE SPECIFICATIONS

Application	psi (kPa)
New	(1) 24 (165)
Broken-In	(1) 18 (124)
Maximum Pressure	(2) 100 (690)

(1) With engine speed at 650 RPM and engine temperature at 200°F (93°C).
(2) With engine temperature at 200°F (93°C) and engine speed at 4000 RPM.

OIL PUMP

NOTE: Disassembly and inspection procedures are not available.

Removal

Remove oil pan and pick-up tube. See **OIL PAN** under REMOVAL & INSTALLATION. Remove timing chains and crankshaft sprockets. See **TIMING CHAINS** under REMOVAL & INSTALLATION. Remove oil pump retaining bolts. Remove oil pump.

Installation

To install, reverse removal procedure. Ensure flat areas of oil pump rotor aligns with flat areas of crankshaft. Tighten bolts to specification. See **TORQUE SPECIFICATIONS**.