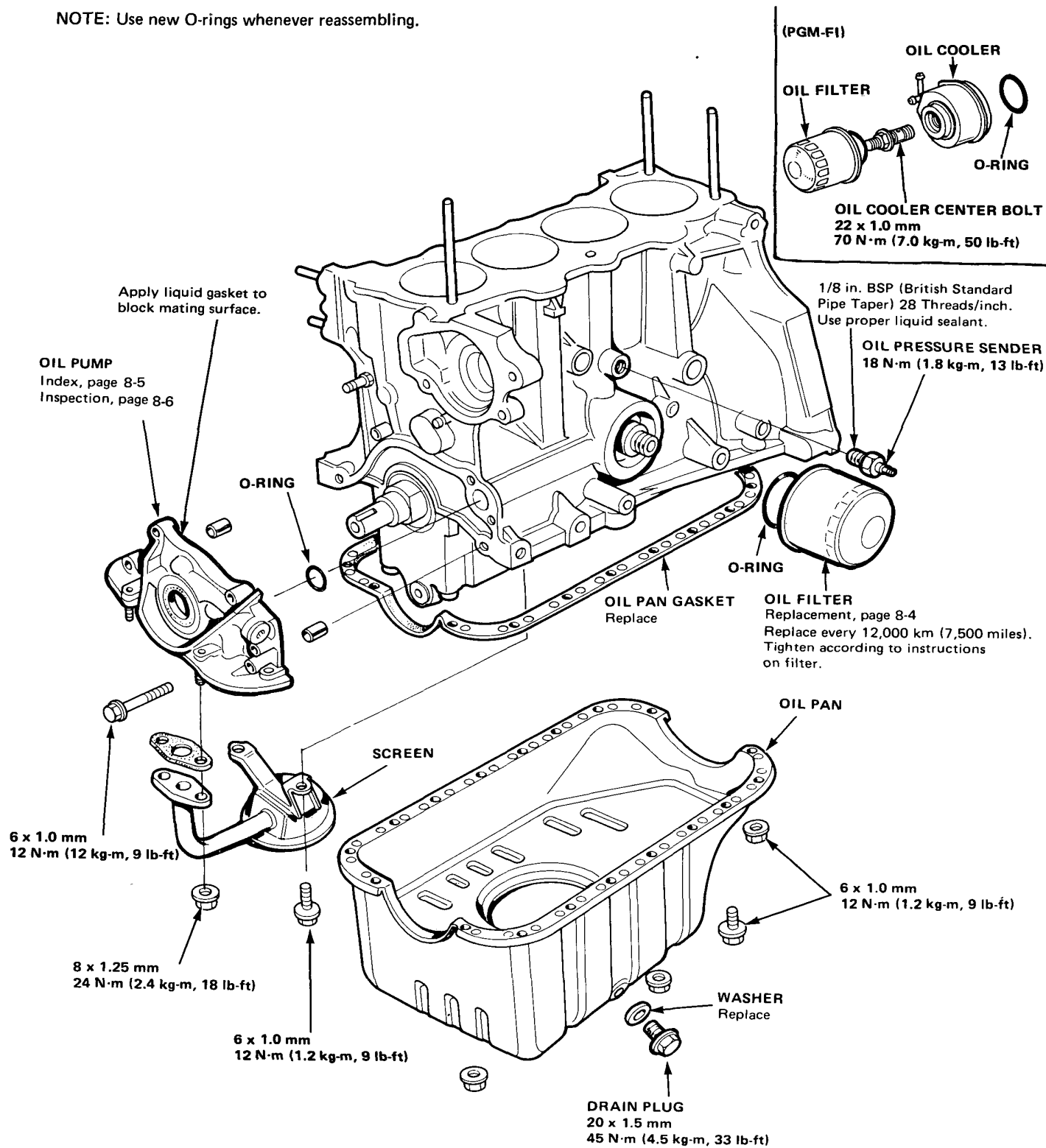


Engine Lubrication

Illustrated Index

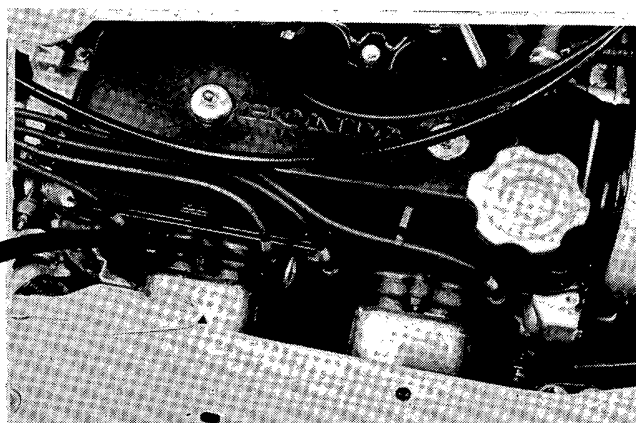
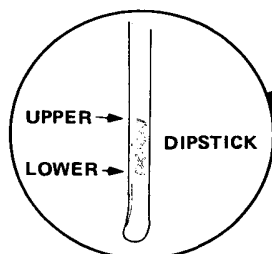
NOTE: Use new O-rings whenever reassembling.





Oil Level Inspection

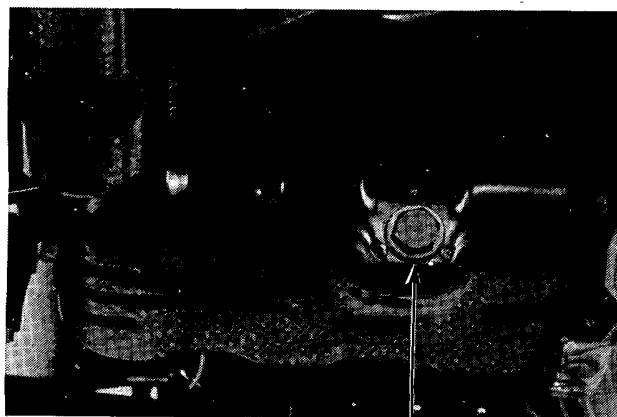
1. Check engine oil with the engine off and the car parked on level ground.
2. Make certain that the oil level indicated on the dipstick is between the upper and lower marks.
3. If the level has dropped close to the lower mark, add oil until it reaches the upper mark.



Oil Replacement

1. Warm up the engine.
2. Drain the engine oil.

NOTE: Remove the filler cap to speed draining.



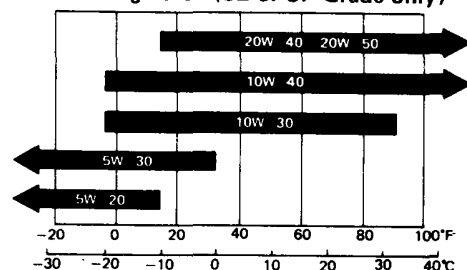
OIL PAN DRAIN PLUG
45 N·m (4.5 kg-m, 33 lb-ft)

3. Reinstall the drain plug with a new washer, and re-fill with the recommended oil.

Capacity	3.0 lit (3.2 US qt, 2.6 Imp. qt) Exclude oil filter 3.5 lit (3.7 US qt, 3.1 Imp. qt) Adding replace oil filter 4.0 lit (4.2 US qt, 3.5 Imp. qt) Means designed value
Change	Every 12,000 km (7,500 miles)

Canadian Model

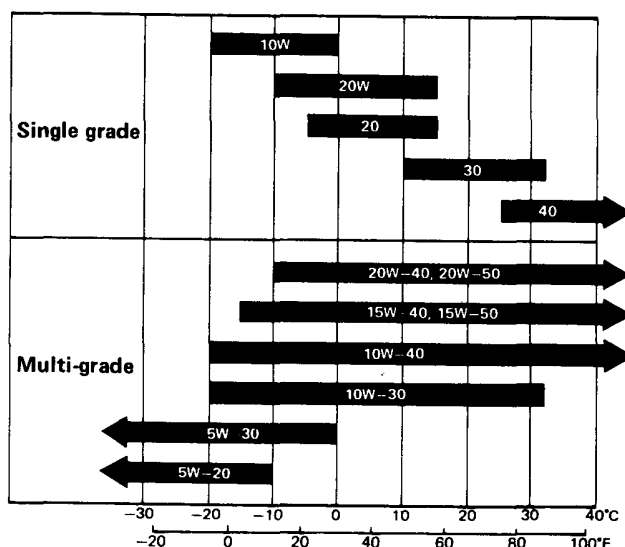
Recommended Engine Oil (SE or SF Grade only)



Expected Ambient Temperature before next oil change

Except Canadian Model

Recommended Engine Oil (SE or SF Grade only)



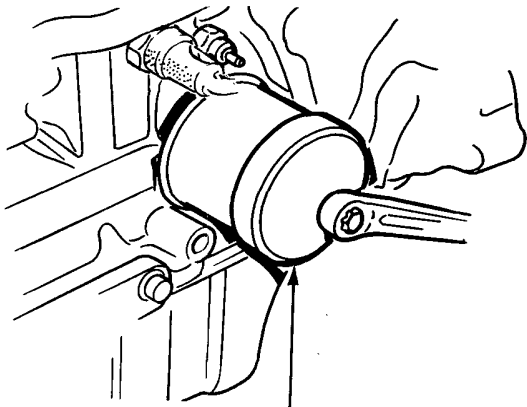
Expected Ambient Temperature before next oil change

Engine Lubrication

Oil Filter Replacement

CAUTION: After the engine has been run, the exhaust pipes will be hot; be careful when working around the exhaust manifold.

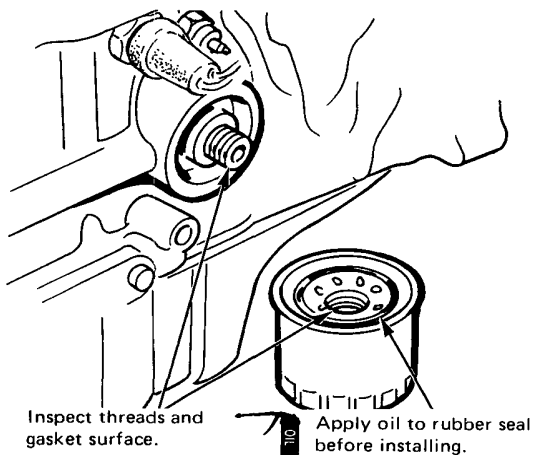
1. Remove the oil filter with the special oil filter socket.



OIL FILTER SOCKET WRENCH
07912-6340001
28 N·m (2.8 kg-m, 20 lb-ft)

2. Inspect the threads and gasket on the new filter. Wipe off seal on engine block, then apply a light coat of oil to gasket, and install filter. Tighten according to instructions on, or with, the filter.

NOTE: Use only filters with a built-in bypass system.



Inspect threads and gasket surface.

Apply oil to rubber seal before installing.

Oil Pressure Test

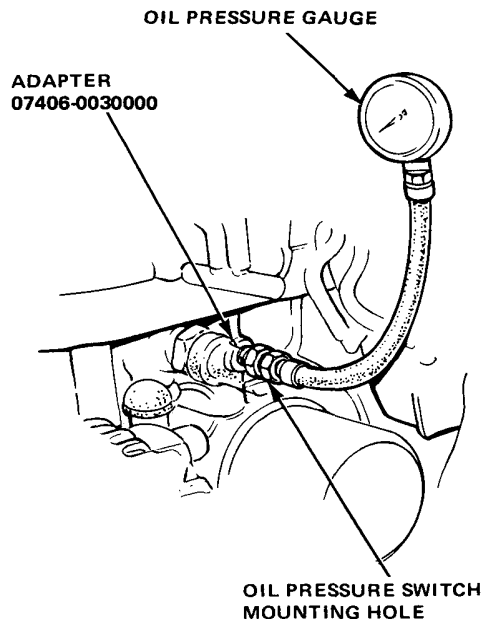
If the oil pressure warning light stays on with the engine running. Check the engine oil level. If the oil level is correct:

1. Remove the oil pressure sender and install an oil pressure gauge.
2. Start the engine and allow to reach operating temperature (fan comes on at least twice).
3. Pressure should be:

Engine Oil Pressure:

Idle: 147 kPa (1.5 kg/cm², 21 psi) minimum
3,000 min⁻¹ (rpm): 333-340 kPa (3.4-4.2 kg/cm², 48-60 psi)

- If oil pressure is within specifications, replace oil pressure sender and recheck.
- If oil pressure is NOT within specifications, inspect oil pump (pages 8-6 and 7).



OIL PRESSURE GAUGE

ADAPTER
07406-0030000

OIL PRESSURE SWITCH MOUNTING HOLE