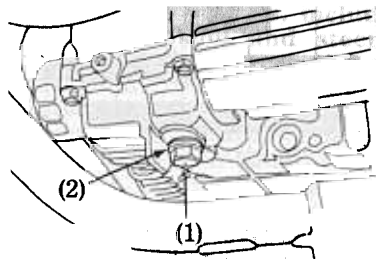


### Engine Oil and Filter

Engine oil quality is the chief factor affecting engine service life. Change the engine oil as specified in the maintenance schedule. (page 52 )

#### NOTE:

\* Change the engine oil with the engine warm and the motorcycle on its stand to assure complete and rapid draining.

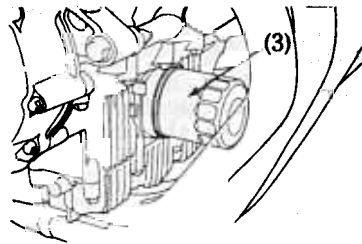


(1) Oil drain plug (2) Sealing washer

#### CAUTION:

\* To prevent oil leaks and filter damage, never support the engine on the oil filter.

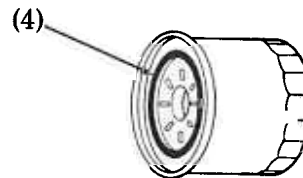
1. To drain the oil, remove the oil filler cap, crankcase drain plug (1) and sealing washer (2).
2. Remove the oil filter (3) with a filter wrench and let the remaining oil drain out. Discard the oil filter.
3. Check that the new oil filter O-ring is in good condition.



(3) Oil filter

4. Apply a thin coat of engine oil to the new oil filter rubber seal (4).
5. Install the new oil filter and tighten it to:

10 N·m (1.0 kg-m, 7 lb-ft)



(4) Oil filter rubber seal

6. Check that the sealing washer on the drain plug is in good condition and install the plug.

Oil Drain Plug Torque:

35 N·m (3.5 kg-m, 25 lb-ft)

7. Fill the crankcase with the recommended grade oil; approximately:  
3.1 ℓ (3.3 US qt, 2.7 Imp qt)
8. Install the oil filler cap.
9. Start the engine and let it idle for 2–3 minutes.
10. Stop the engine and check that the oil level is at the upper level mark on the dipstick with the motorcycle upright on firm, level ground. Make sure there are no oil leaks.

#### NOTE:

\* When running in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.