

ENGINE MAINTENANCE

ENGINE OIL LEVEL

This engine is a wet-sump engine, meaning the oil is contained in the bottom of the crankcase. To check the oil level, follow the procedure listed below.

1. Park the vehicle on a level surface and set the parking brake
2. Stop the engine. Allow the oil level to settle for 3 minutes before removing the dipstick

IMPORTANT

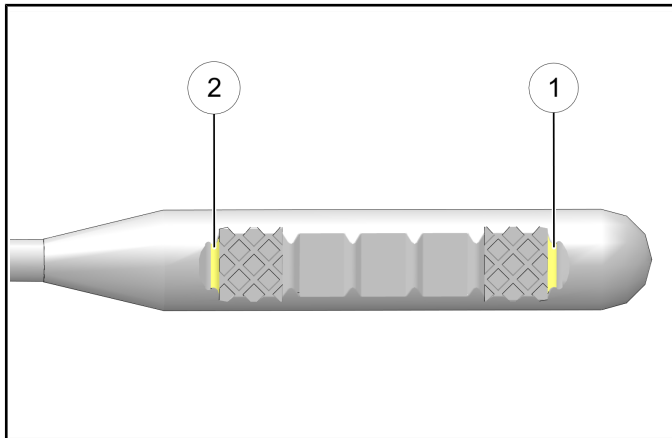
Do not check oil immediately after engine operation.

3. Push the hood release handle and lift the hood forward.
4. Remove the dipstick and wipe dry with a clean cloth.
5. Reinstall dipstick and ensure it seats completely.

NOTE

Make certain the dipstick is inserted all the way into the filler tube to produce consistent oil level readings.

6. Remove dipstick and check that the oil level is between the MIN ① and MAX ② line. Add oil if the level is below the MIN line on the dipstick. Do not overfill.



FLUID CAPACITY

Use only **SAE 5W-30** oil as specified.

NOTE

A rising oil level between checks in cool weather driving can indicate contaminants such as fuel or moisture collecting in the crankcase. If the oil level is over the full mark, change the oil immediately.

ENGINE OIL AND FILTER CHANGE

1. Place the vehicle on a level surface and allow the engine to run, if necessary, two to three minutes until warm. Stop engine and set parking brake.
2. Clean the area around the drain plug at the bottom of the oil pan.

WARNING

Personal injury can occur when handling used oil. Hot oil can cause burns or skin damage.

3. Place a drain pan beneath the oil pan and remove drain plug.
4. Allow oil to drain completely.
5. Using a clean, dry cloth, clean filter sealing surface on crankcase.

NOTE

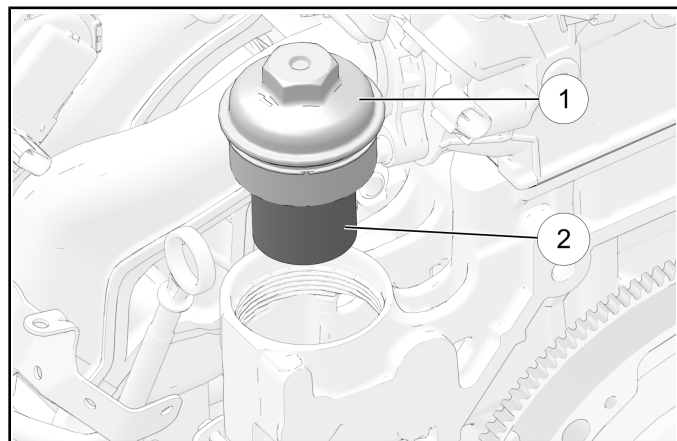
The sealing surface on the drain plug should be clean and free of burrs, nicks or scratches.

6. Reinstall drain plug and torque to specification.

TORQUE

Oil Drain Plug:
18 lb-ft (25 Nm)

7. Using Oil Filter Wrench (**PU-51130**), turn the filter cap ① counter-clockwise to remove it.



8. Remove the oil filter ② from the cap and discard.
9. Lubricate gasket area on new oil filter with a film of fresh engine oil. Check to make sure the sealing areas are in good condition.
10. Install a new oil filter ② on the oil filter cap ①.

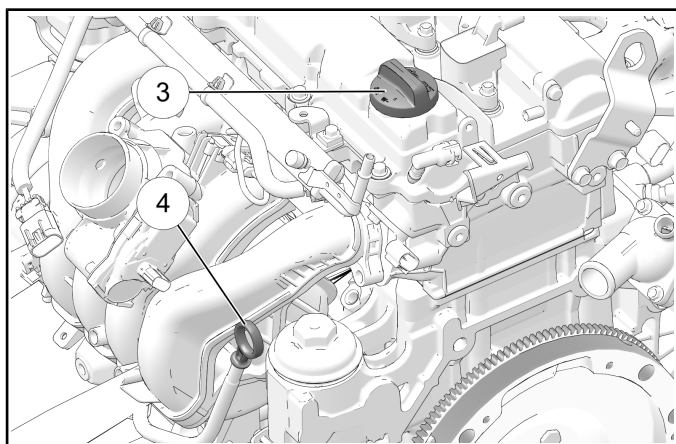
11. Lubricate the O-ring on the oil filter cap with clean engine oil.
12. Use **PU-51130** wrench to install the oil filter cap. Tighten the oil filter cap to specification.

TORQUE
Oil Filter Cap: 16 lb-ft (22 Nm)

13. Fill the sump with oil to the recommended level through the oil filler access cap ③ on top of the valve cover.

FLUID CAPACITY
Recommended Engine Oil: SAE 5W-30 Engine Oil Capacity: 5.0 Qt (4.8 L)

14. Place gear selector in neutral.
15. Start the engine and let it idle for one to two minutes. Stop the engine and inspect for leaks.
16. Re-check the oil level on the dipstick ④ and add oil as necessary to bring the level to the safe zone on the dipstick.



17. Dispose of used oil and oil filter properly.