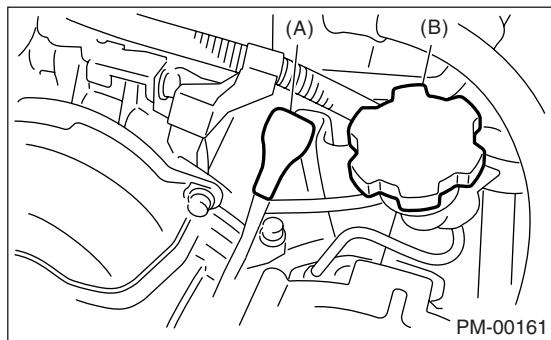


3. Engine Oil

A: REPLACEMENT

1) Open the engine oil filter cap for quick draining of the engine oil.

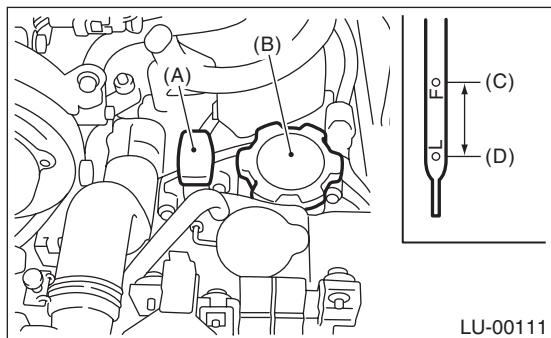
- 2.5 L model



(A) Oil level gauge

(B) Oil filler cap

- 3.0 L model



(A) Oil level gauge

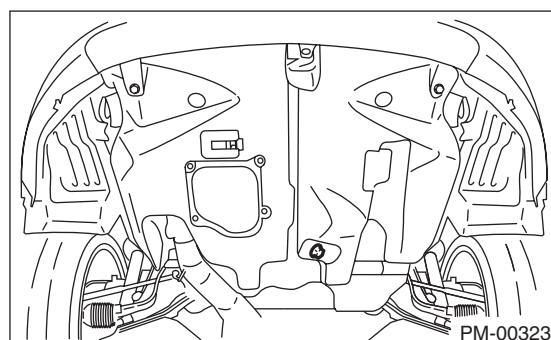
(B) Oil filler cap

(C) Upper level

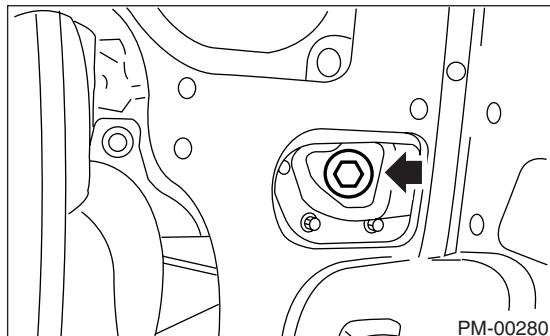
(D) Lower level

2) Drain the engine oil by removing the engine oil drain plug.

- 2.5 L model



- 3.0 L model



3) Tighten the engine oil drain plug after draining the engine oil.

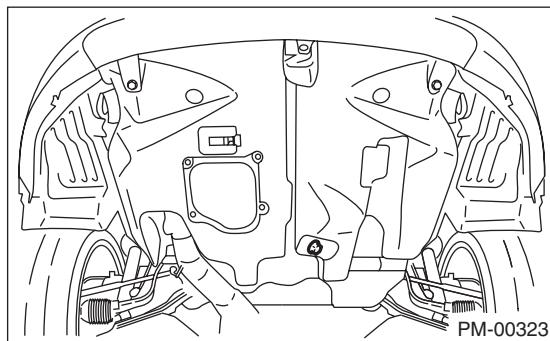
NOTE:

Use a new drain plug gasket.

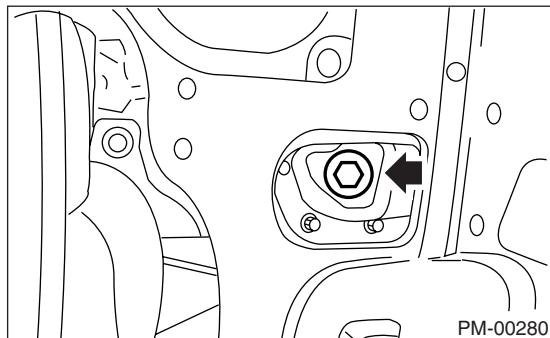
Tightening torque:

44 N·m (4.5 kgf·m, 33 ft·lb)

- 2.5 L model



- 3.0 L model



4) Fill engine oil through the level gauge up to the upper level. Place the vehicle on a level surface when checking oil level. Use engine oil of the proper quality and viscosity, selected in accordance with the following.

Recommended oil:

Refer to "RM" section. <Ref. to RM-2, LUBRICANTS, RECOMMENDED MATERIALS, Recommended Materials.>

Engine oil capacity

2.5 L model

Upper level:

Approx. 4.0 ℥ (4.2 US qt, 3.5 Imp qt)

Lower level:

Approx. 3.0 ℥ (3.2 US qt, 2.6 Imp qt)

3.0 L model

Upper level:

Approx. 5.5 ℥ (5.8 US qt, 4.8 Imp qt)

Lower level:

Approx. 4.5 ℥ (4.8 US qt, 4.0 Imp qt)

The proper viscosity oil helps the engine maintain its ideal temperature, and cranking speed increased by reducing viscosity friction in hot condition.

CAUTION:

It is acceptable to fill an engine with oil of another brand when replacing the oil, but make sure to use an oil with an API standard and SAE viscosity number specified by Subaru.

NOTE:

If the vehicle is used in regions of high temperature or in other severe environments, use oil with the viscosities shown below. API Standard: SM SAE Viscosity No.: 30, 40, 10W — 50, 20W — 40, 20W — 50

5) Close the engine oil filler cap.

CAUTION:

If the engine oil is split over exhaust pipe or the under cover, wipe it off with cloth to avoid emitting smoke or causing a fire.

6) Start the engine and warm it up for a time.

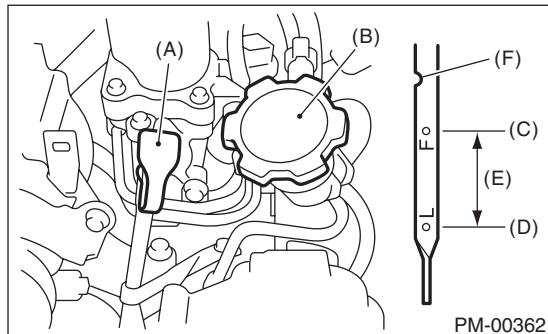
7) Stop the engine to inspect the oil level again. <Ref. to PM-9, INSPECTION, Engine Oil.>

B: INSPECTION

- 1) Park the vehicle on a level surface.
- 2) Remove the oil level gauge and wipe it clean.
- 3) Reinsert the level gauge all the way. Be sure that the level gauge is correctly inserted and in the proper orientation.

4) Remove the level gauge again and record the oil level. If the engine oil level is below the "L" line, add oil to bring the level up to the "F" line.

- 2.5 L model



(A) Oil level gauge

(B) Oil filler cap

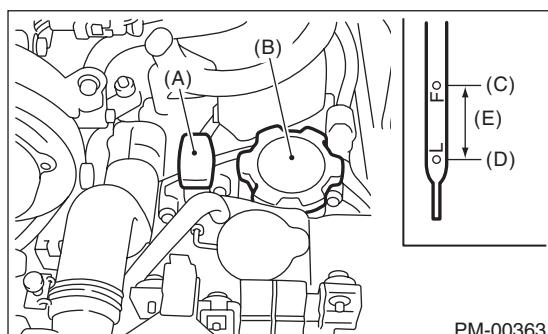
(C) Upper level

(D) Lower level

(E) Approx. 1 ℥ (1.1 US qt, 0.9 Imp qt)

(F) Notch mark

- 3.0 L model



(A) Oil level gauge

(B) Oil filler cap

(C) Upper level

(D) Lower level

(E) Approx. 1 ℥ (1.1 US qt, 0.9 Imp qt)

5) After turning off the engine, wait a few minutes for the oil to drain back into the oil pan before checking the level.

6) Just after driving or while the engine is warm, engine oil level may show in the range between the "F" line and the notch mark. This is caused by thermal expansion of engine oil. (2.5L model)

7) To prevent overfilling the engine oil, do not add oil above the "F" line when the engine is cold.

CAUTION:

If the engine oil is spilt over exhaust pipe or the under cover, wipe it off with cloth to avoid emitting smoke or causing a fire.