

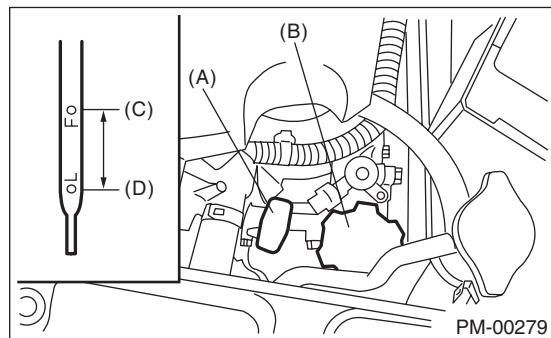
### 3. Engine Oil

#### A: REPLACEMENT

##### CAUTION:

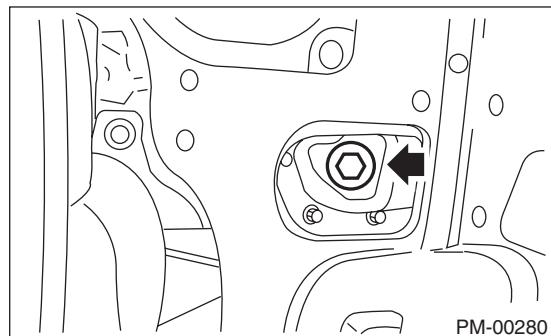
Be careful not to spill the engine oil on exhaust pipe to prevent it from emitting smoke or fire. If engine oil is spilled on the exhaust pipe, wipe it off completely.

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



(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.



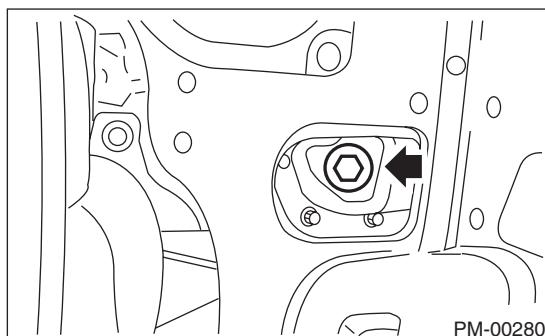
- 3) Tighten the engine oil drain plug after draining the engine oil.

##### NOTE:

Use a new drain plug gasket.

##### Tightening torque:

44 N·m (4.5 kgf-m, 33 ft-lb)



- 4) Fill engine oil through the level gauge up to the center between the upper level and the lower 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

###### When replacing engine oil and oil filter

###### Upper level

Approx. 5.7 ℥ (6.0 US qt, 5.0 Imp qt)

###### Lower level:

Approx. 4.7 ℥ (5.0 US qt, 4.10 Imp qt)

###### When replacing engine oil only

###### 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:

When replenishing oil, it does not matter if the oil to be added is a different brand from that in the engine; however, use oil having the API standard and SAE viscosity No. designated by SUBARU.

##### NOTE:

If the vehicle is used in areas with very high temperatures or for other heavy duty applications, the following viscosity oils must be used: API Standard: SM SAE Viscosity No.: 30, 40, 10W-50, 20W-40, 20W-50

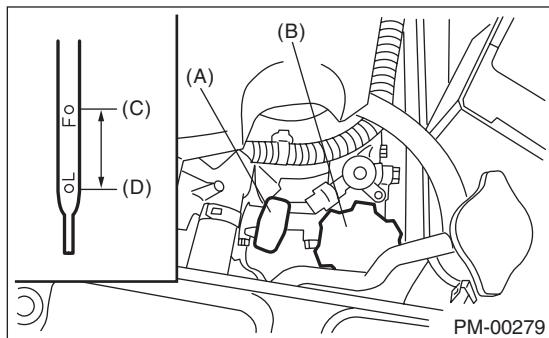
- 5) Close the engine oil filler cap.

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

- 7) Stop the engine to inspect the oil level again.  
 <Ref. to PM-6, 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 it again and check the oil reading. If the engine oil level is below the "L" line, add oil to bring the level up to the "F" line. To prevent overfilling the engine oil, do not add oil above the "F" line when the engine is cold.



- (A) Oil level gauge
- (B) Oil filler cap
- (C) Upper level
- (D) Lower level

- 5) Check whether it is notably dirty, or there is coolant or gasoline mixed in. Replace if it is notably dirty. If there is coolant or gasoline mixed in, check the engine.
- 6) After pouring in engine oil, run the engine for several minutes, then stop it. Wait for several minutes until the oil has returned to the oil pan.