

# ENGINE OIL

## LUBRICATION

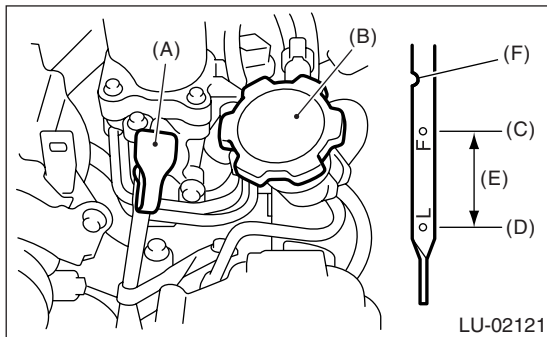
### 3. Engine Oil

#### A: 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 proper orientation.
- 4) Remove it again and note the reading. If the engine oil level is below the "L" line, add oil to bring the level up to "F" line.
- 5) After turning off the engine, wait a few minutes for 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 notch mark. This is caused by thermal expansion of engine oil.

#### NOTE:

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



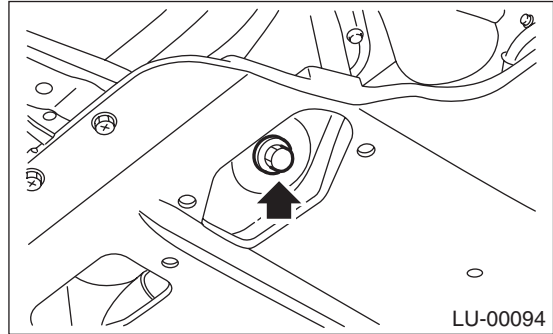
- (A) Oil level gauge
- (B) Engine oil filler cap
- (C) Upper level
- (D) Lower level
- (E) Approx. 1.0 ℓ (1.1 US qt, 0.9 Imp qt)
- (F) Notch mark

#### B: REPLACEMENT

- 1) Open engine oil filler cap for quick draining of the engine oil.
- 2) Drain engine oil by loosening engine oil drain plug.

#### NOTE:

Use a tray to collect oil.



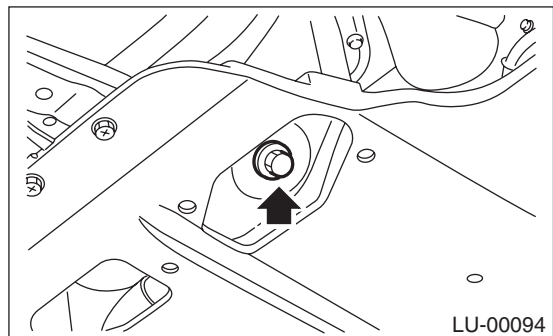
- 3) Replace drain plug gasket.
- 4) Tighten engine oil drain plug after draining engine oil.

#### NOTE:

Use new drain plug gasket.

#### Tightening torque:

**44 N·m (4.5 kgf·m, 33 ft·lb)**



- 5) Using engine oil of proper quality and viscosity, fill it through the oil filler duct up to upper level on level gauge. Make sure that vehicle is placed level when checking oil level. Use engine oil of proper quality and viscosity, selected in accordance with the table in figure.

#### Recommended oil:

<Ref. to LU(H4SO)-2, SPECIFICATIONS, General Description.>

#### Oil amount for preparation (when replacing engine oil):

**Approx. 4.0 ℓ (4.2 US qt, 3.5 Imp qt)**

The proper viscosity helps vehicle get good cold and hot starting by reducing viscous friction and thus increasing cranking speed.

#### 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 ILSAC or API classification and SAE viscosity No. designated by SUBARU.

**NOTE:**

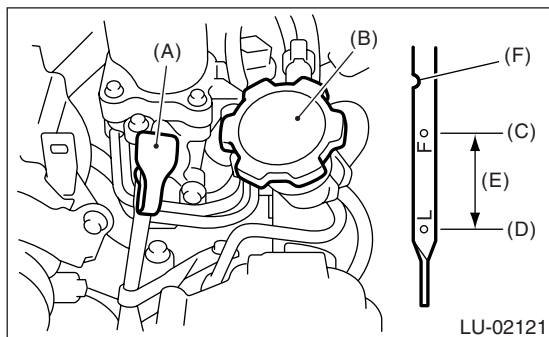
If vehicle is used in desert areas with very high temperatures or for other heavy duty applications, the following viscosity oils may be used: ILSAC classification: GF-3 or API classification: SL

SAE Viscosity No.: 30, 40, 10W-50, 20W-40, 20W-50.

6) Close engine oil filler cap.

7) Start engine and warm it up for a time.

8) After engine stops, recheck the oil level. If necessary, add engine oil up to upper level on level gauge.



- (A) Oil level gauge
- (B) Engine oil filler cap
- (C) Upper level
- (D) Lower level
- (E) Approx. 1.0 ℓ (1.1 US qt, 0.9 Imp qt)
- (F) Notch mark