

## 7. Engine Oil Filter

### A: REMOVAL

#### 1. OIL FILTER

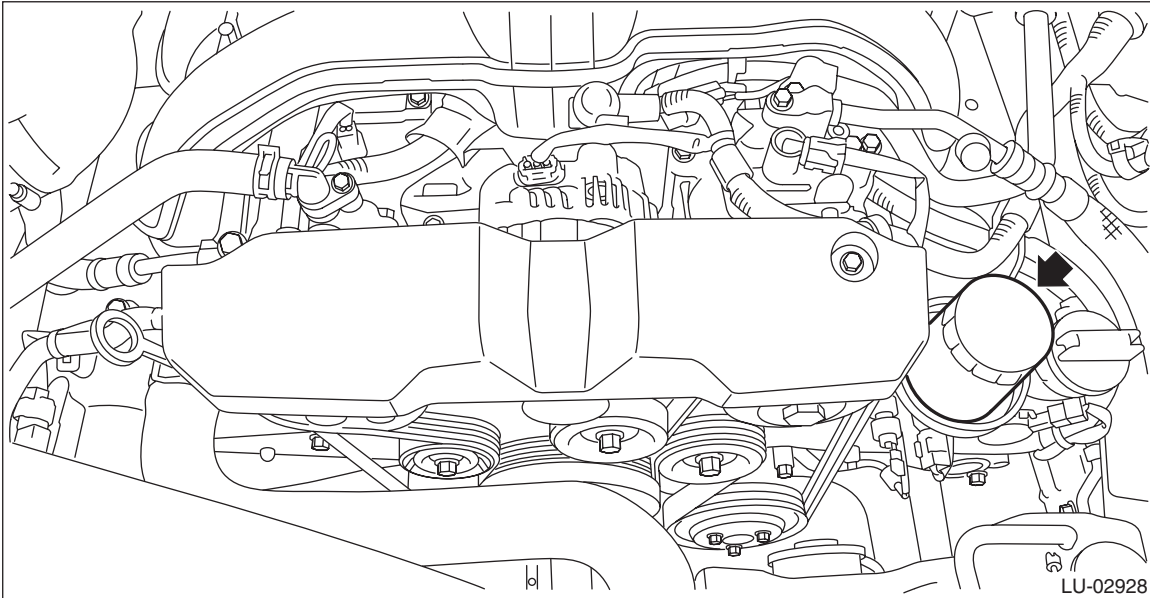
**CAUTION:**

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.

**NOTE:**

Clean off water or dust from the oil element mating surface using air.

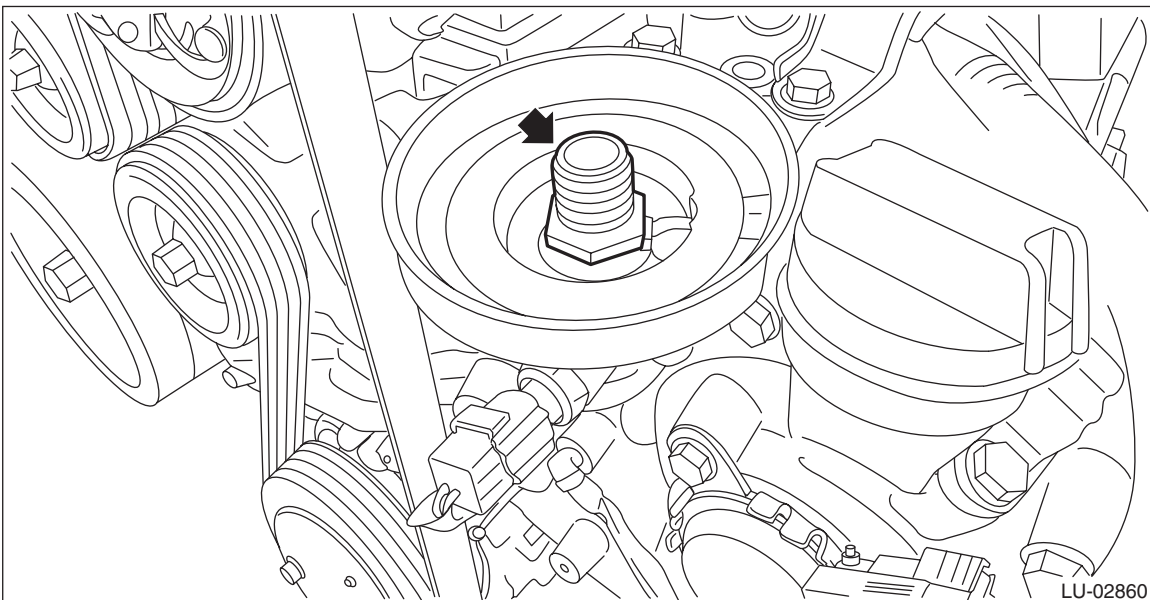
Remove the oil filter using a general tool (65/67 mm 14 Flutes).



#### 2. OIL PUMP UNION

1) Remove the oil filter. <Ref. to LU(H4DO)-25, OIL FILTER, REMOVAL, Engine Oil Filter.>

2) Remove the oil pump union from the chain cover.



# Engine Oil Filter

LUBRICATION

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## B: INSTALLATION

### 1. OIL FILTER

#### CAUTION:

**Do not tighten excessively, or oil may leak.**

- 1) Clean the oil filter installing surface on the chain cover.
- 2) Obtain a new oil filter and apply a thin coat of engine oil to the seal rubber.
- 3) Install the oil filter by turning it by hand, being careful not to damage the seal rubber of the oil filter.
- 4) Tighten further (approx. 7/8 turn) after the seal rubber contacts the chain cover. When using a torque wrench, tighten it to 12 N·m (1.2 kgf-m, 8.9 ft-lb).
- 5) After installing, check the engine oil level and replenish it if necessary. <Ref. to LU(H4DO)-8, INSPECTION, Engine Oil.>

### 2. OIL PUMP UNION

Install in the reverse order of removal.

#### *Tightening torque:*

**45 N·m (4.6 kgf-m, 33.2 ft-lb)**

## C: INSPECTION

- 1) After installing the oil filter, run the engine and check for oil leakage.

#### NOTE:

The filter element and filter case are permanently jointed; therefore, interior cleaning is not necessary.

- 2) Check the engine oil level. <Ref. to LU(H4DO)-8, INSPECTION, Engine Oil.>