

6. Engine Oil Pressure

A: INSPECTION

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

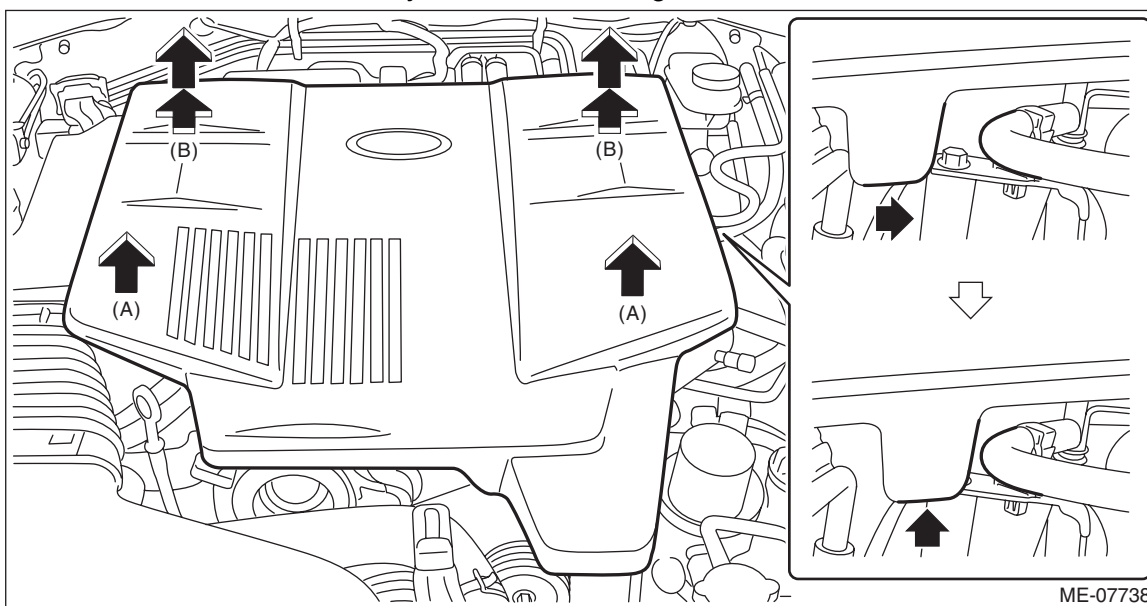
2) Remove the collector cover. (HEV model)

(1) Carefully pull up the front of collector cover at two positions (A).

(2) Carefully pull up the rear of collector cover at two positions (B) while moving it backward.

NOTE:

Be careful not to contact the fuel delivery tube when moving the collector cover rearward.



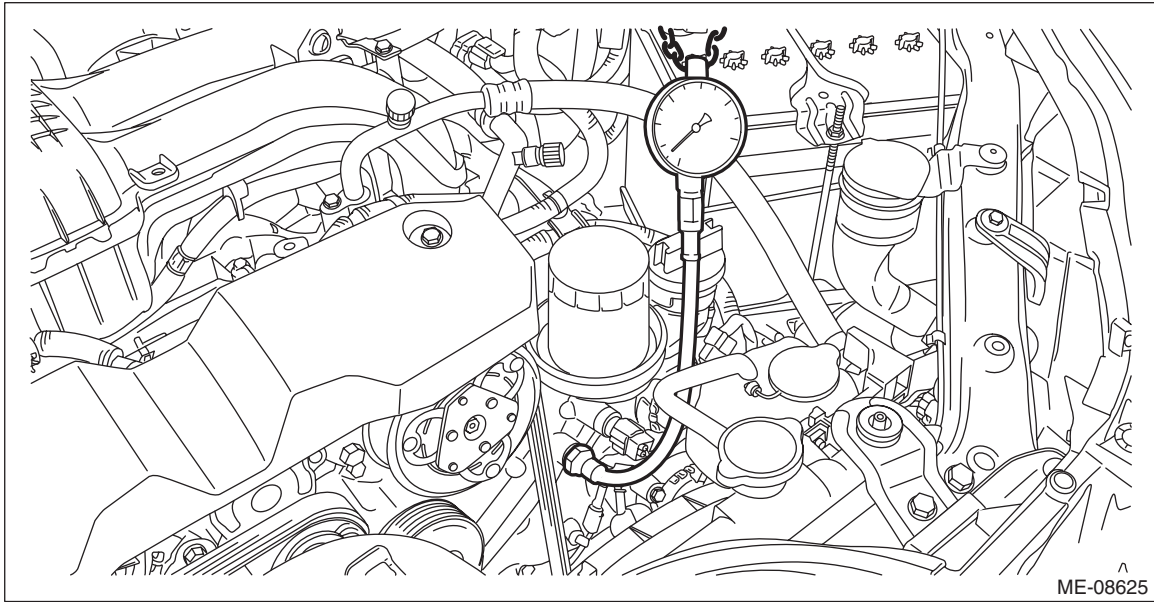
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3) Remove the oil pressure switch. <Ref. to LU(H4DO(w/o HEV))-25, REMOVAL, Oil Pressure Switch.>

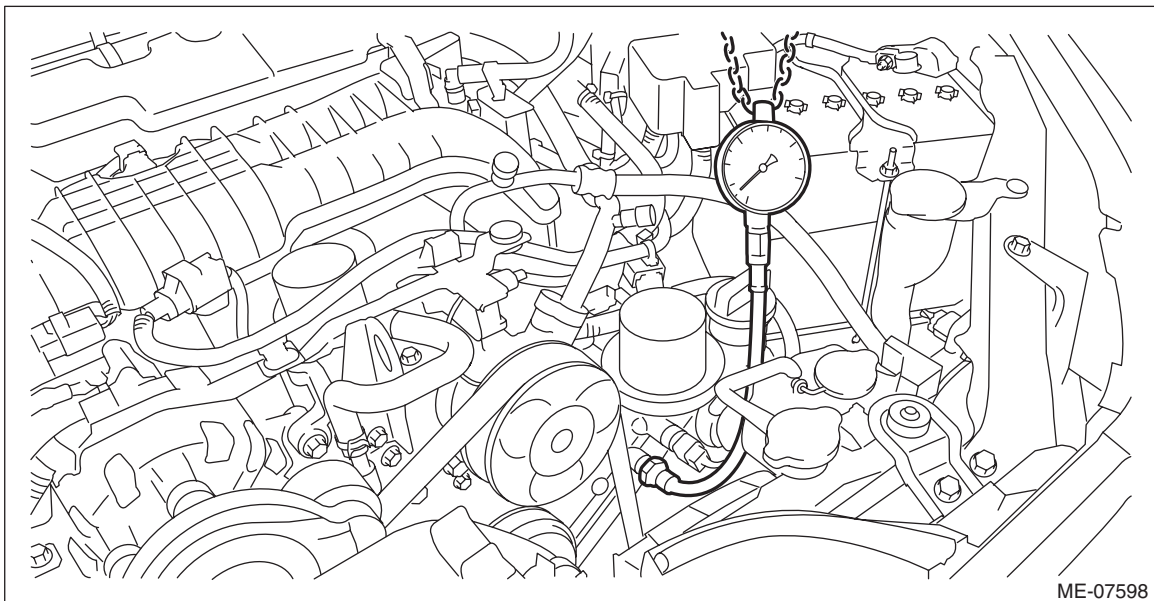
Engine Oil Pressure

MECHANICAL

- 4) Install the oil pressure gauge to the chain cover.
- Gasoline engine model



- HEV model



- 5) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>
6) Start the engine, and check the oil pressure.

NOTE:

- Standard value is based on an engine oil temperature of 80°C (176°F).
- If the oil pressure is out of specification, check oil pump, oil filter and lubrication line. <Ref. to LU(H4DO(w/o HEV))-74, INSPECTION, Engine Lubrication System Trouble in General.>
- If the oil pressure warning light is ON and oil pressure is within standard, check the oil pressure switch. <Ref. to LU(H4DO(w/o HEV))-74, INSPECTION, Engine Lubrication System Trouble in General.>

Engine oil pressure:

Standard

50 kPa (0.5 kg/cm², 7 psi) or more (at 600 r/min)

350 kPa (3.6 kg/cm², 51 psi) or more (at 6,000 r/min)

- 7) After inspection, install the related parts in the reverse order of removal.