

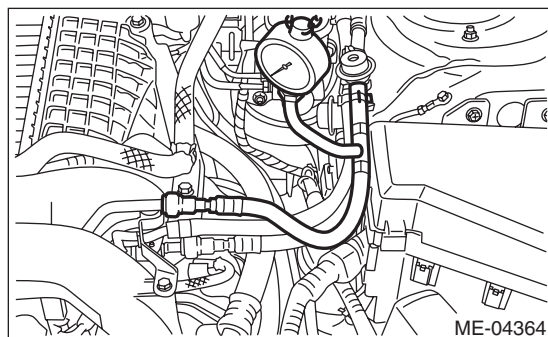
## 7. Fuel Pressure

### A: INSPECTION

#### CAUTION:

- Before removing the fuel pressure gauge, release the fuel pressure.
- Be careful not to spill fuel.
- Catch the fuel from hoses using a container or cloth.

- 1) Remove the collector cover.
- 2) Release the fuel pressure. <Ref. to FU(H4DOTC)-66, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Open the fuel filler lid and remove the fuel filler cap.
- 4) Disconnect the fuel delivery hose from fuel damper, and connect fuel pressure gauge.



- 5) Start the engine.
- 6) Check the fuel pressure while disconnecting pressure regulator vacuum hose from intake manifold.

#### NOTE:

- The fuel pressure gauge registers 10 to 20 kPa (0.1 to 0.2 kgf/cm<sup>2</sup>, 1 to 3 psi) higher than standard values during high-altitude operations.
- If the fuel pressure is out of specification, check or replace the fuel pump, fuel line, pressure regulator and pressure regulator vacuum hose.

#### Fuel pressure:

##### Standard

**328 — 358 kPa (3.3 — 3.7 kgf/cm<sup>2</sup>, 48 — 52 psi)**

- 7) After connecting the vacuum hose to the pressure regulator, measure the fuel pressure again.

#### NOTE:

- The fuel pressure gauge registers 10 to 20 kPa (0.1 to 0.2 kgf/cm<sup>2</sup>, 1 to 3 psi) higher than standard values during high-altitude operations.
- If the fuel pressure is out of specification, check or replace the fuel pump, fuel line, pressure regulator and pressure regulator vacuum hose.

#### Fuel pressure:

##### Standard

**274 — 304 kPa (2.8 — 3.1 kgf/cm<sup>2</sup>, 40 — 44 psi)**

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

#### Tightening torque:

**1.25 N·m (0.1 kgf-m, 0.9 ft-lb)**