

7. Fuel Pressure

A: INSPECTION

CAUTION:

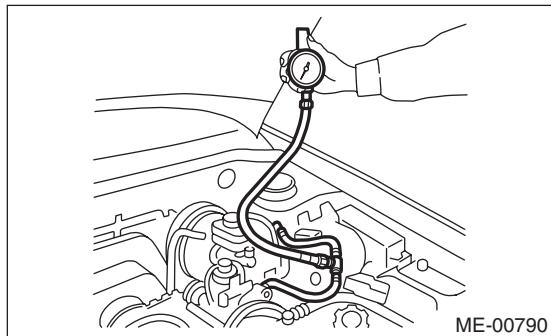
- Before removing the fuel pressure gauge, release the fuel pressure.
- Be careful not to spill fuel.
- Catch the fuel from hoses using a container or cloth.

NOTE:

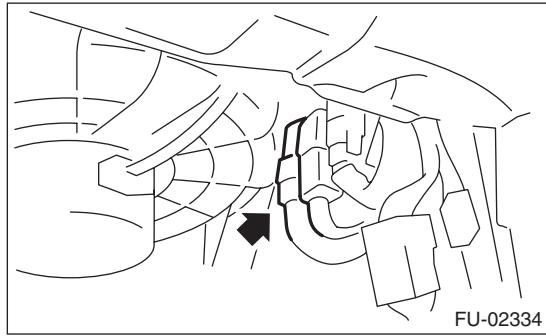
If the fuel pressure is out of specification, check or replace the pressure regulator and pressure regulator vacuum hose.

1) Release the fuel pressure. <Ref. to FU(H4DOTC)-51, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>

2) Disconnect the fuel delivery hose from fuel damper, and connect fuel pressure gauge.



3) Connect the connector of fuel pump relay.



4) Start the engine.

5) Measure 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/cm², 1 to 3 psi) higher than standard values during high-altitude operations.

Fuel pressure:

Standard

284 — 314 kPa

(2.9 — 3.2 kgf/cm², 41 — 46 psi)

6) Connect the pressure regulator vacuum hose and measure the fuel pressure.

NOTE:

The fuel pressure gauge registers 10 to 20 kPa (0.1 to 0.2 kgf/cm², 1 to 3 psi) higher than standard values during high-altitude operations.

Fuel pressure:

Standard

230 — 260 kPa

(2.35 — 2.65 kgf/cm², 33 — 38 psi)