

Fuel Pressure

MECHANICAL

7. Fuel Pressure

A: INSPECTION

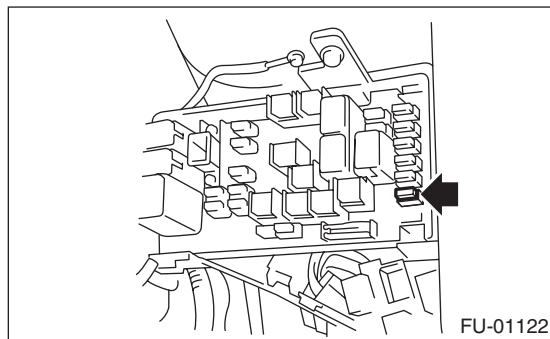
WARNING:

Before removing the fuel pressure gauge, release the fuel pressure.

NOTE:

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

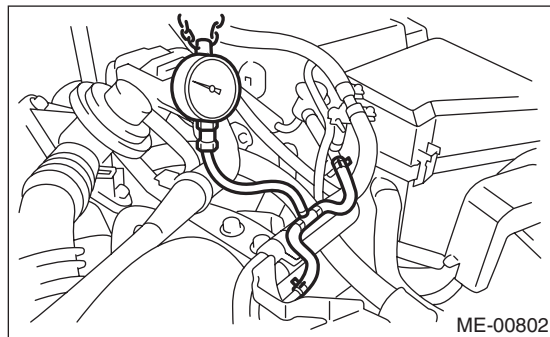
- 1) Remove the collector cover.
- 2) Release the fuel pressure. <Ref. to FU(H4DOTC)-43, RELEASING OF FUEL PRESSURE, PROCEDURE, Fuel.>
- 3) Open the fuel filler flap lid, and remove the fuel filler cap.
- 4) Disconnect the fuel delivery hose and connect fuel pressure gauge.
- 5) Remove the fuse of fuel pump from main fuse box.



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

Fuel pressure:

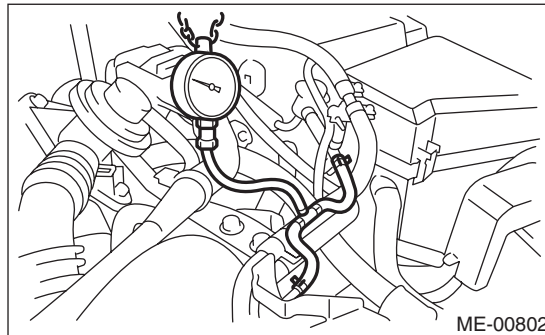
Standard: 284 — 314 kPa (2.9 — 3.2 kgf/cm², 41 — 46 psi)



- 8) After connecting the pressure regulator vacuum hose, measure the fuel pressure.

Fuel pressure:

Standard: 230 — 260 kPa (2.35 — 2.65 kgf/cm², 33 — 38 psi)



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.