

# FUEL PRESSURE

MECHANICAL

## 7. Fuel Pressure

### A: INSPECTION

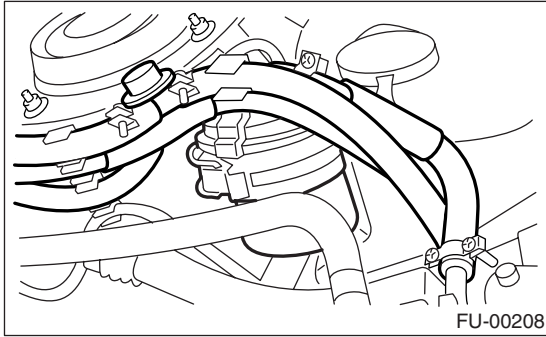
#### WARNING:

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

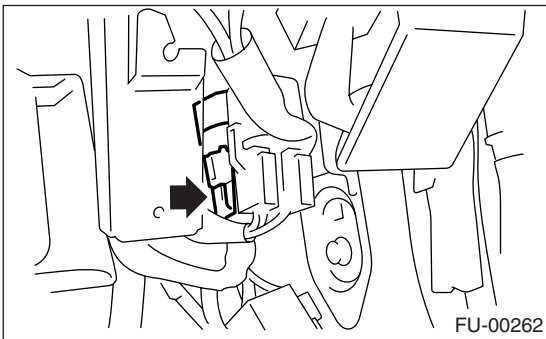
#### NOTE:

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

- 1) Lower the fuel pressure. <Ref. to FU(H4SO)-49, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>
- 2) Open the fuel filler flap lid, and then remove the fuel filler cap.
- 3) Disconnect the fuel delivery hoses from fuel filter, and then connect the fuel pressure gauge.



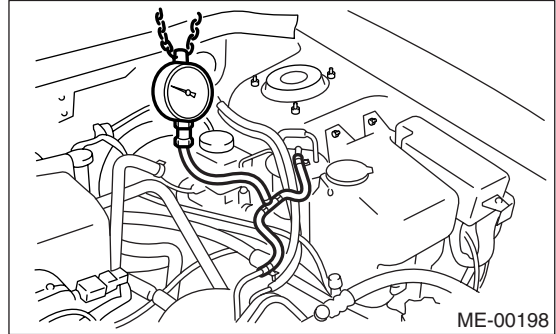
- 4) Connect the connector of fuel pump relay.



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

#### Fuel pressure

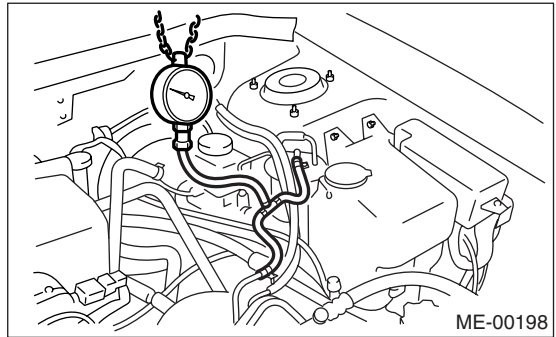
Standard: 284 — 314 kPa (2.9 — 3.2 kg/cm<sup>2</sup>, 41 — 46 psi)



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

#### Fuel pressure

Standard: 206 — 235 kPa (2.1 — 2.4 kg/cm<sup>2</sup>, 30 — 34 psi)



#### NOTE:

The fuel pressure gauge registers 10 to 20 kPa (0.1 to 0.2 kg/cm<sup>2</sup>, 1 to 3 psi) higher than standard values during high-altitude operations.