

7. Fuel Pressure

A: INSPECTION

WARNING:

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

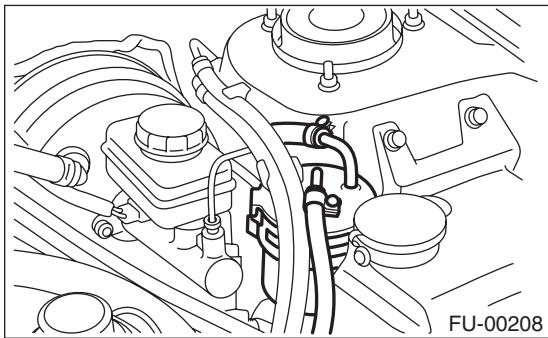
NOTE:

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

1) Lower the fuel pressure. <Ref. to FU(H4SO)-51, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>

2) Open the fuel 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.

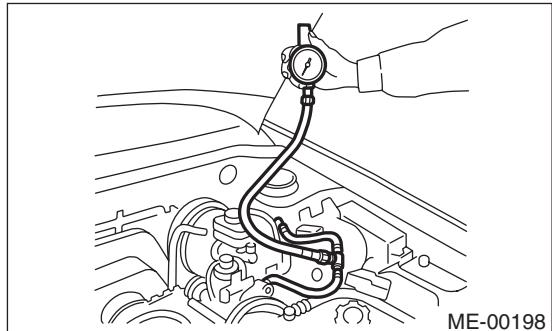


5) Start the engine.

6) Measure the fuel pressure while disconnecting the pressure regulator vacuum hose from intake manifold.

Fuel pressure:

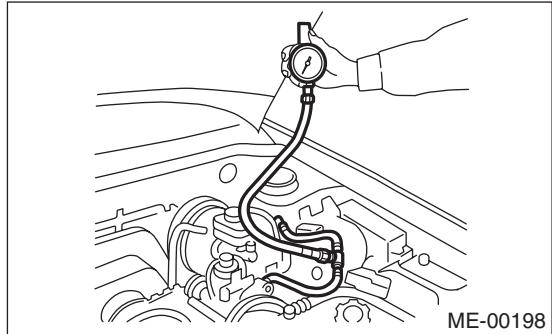
Standard; 284 – 314 kPa (2.9 – 3.2 kg/cm², 41 – 46 psi)



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

Fuel pressure:

Standard; 206 – 235 kPa (2.1 – 2.4 kg/cm², 30 – 34 psi)



NOTE:

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