

# FUEL PRESSURE

MECHANICAL

## 7. Fuel Pressure

### A: INSPECTION

#### WARNING:

Before removing fuel pressure gauge, release fuel pressure.

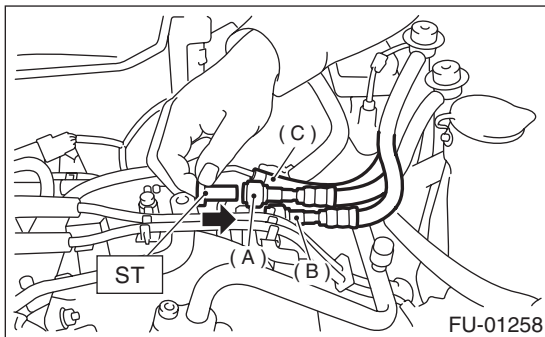
#### NOTE:

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

1) Release fuel pressure. <Ref. to FU(H4SO)-48, RELEASING OF FUEL PRESSURE, OPERATION, Fuel.>

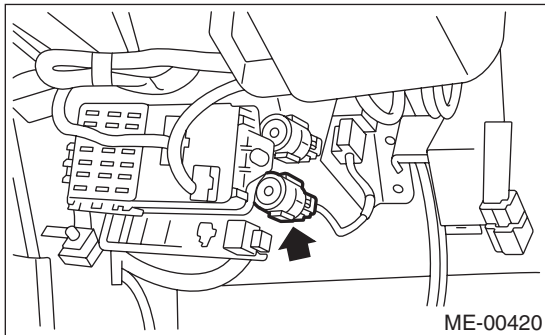
2) Open fuel flap lid, and remove fuel filler cap.

3) Disconnect fuel delivery hoses from fuel filter, and connect fuel pressure gauge.



- (A) Fuel delivery hose
- (B) Return hose
- (C) Evaporation hose

4) Connect connector of fuel pump relay.

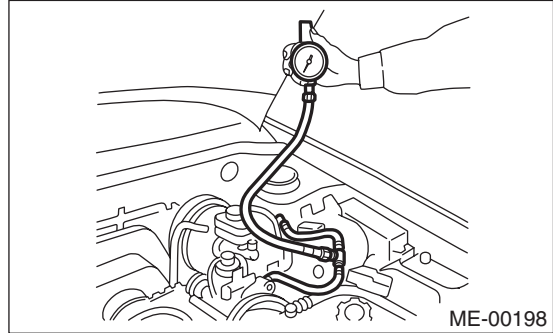


5) Start the engine.

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

#### Fuel pressure:

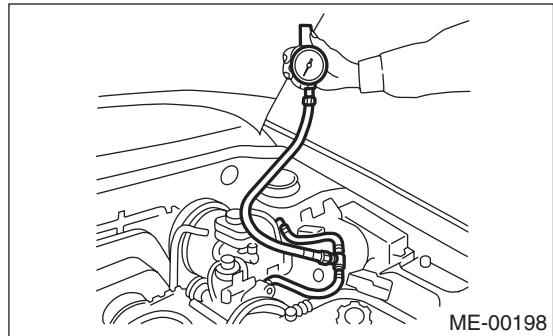
**Standard; 284 — 314 kPa (2.9 — 3.2 kg/cm<sup>2</sup>, 41 — 46 psi)**



7) After connecting pressure regulator vacuum hose, measure 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.