

## 2-7 [T11T4]

# ON-BOARD DIAGNOSTICS II SYSTEM

11. Diagnostics Chart with Trouble Code for Except 2200 cc California Spec. Vehicles

5) Start the engine and idle while gear position is neutral.

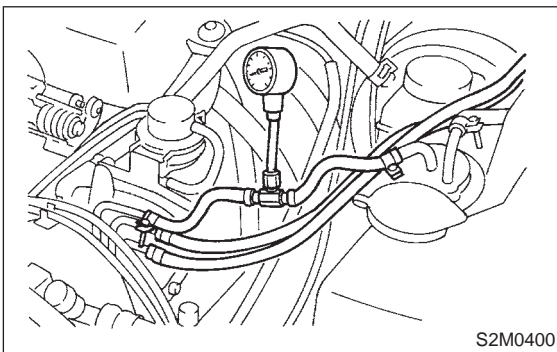
6) Measure fuel pressure while disconnecting pressure regulator vacuum hose from intake manifold.

### WARNING:

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

### NOTE:

If fuel pressure does not increase, squeeze fuel return hose 2 to 3 times, then measure fuel pressure again.



**CHECK** : **Is fuel pressure between 284 and 314 kPa (2.9 — 3.2 kg/cm<sup>2</sup>, 41 — 46 psi)?**

**YES** : Go to step 11T4.

**NO** : Repair the following items.

Fuel pressure too high	<ul style="list-style-type: none"> <li>● Clogged fuel return line or bent hose</li> </ul>
Fuel pressure too low	<ul style="list-style-type: none"> <li>● Improper fuel pump discharge</li> <li>● Clogged fuel supply line</li> </ul>

## 11T4 : CHECK FUEL PRESSURE.

After connecting pressure regulator vacuum hose, measure fuel pressure.

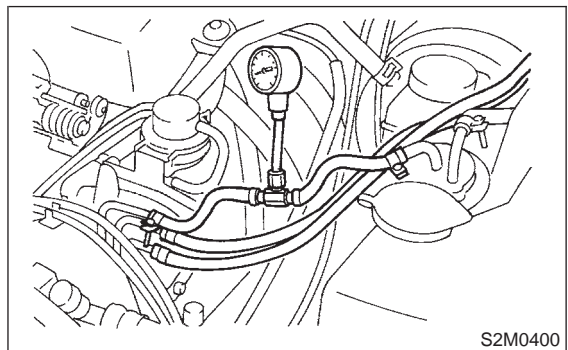
### WARNING:

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

### NOTE:

● If fuel pressure does not increase, squeeze fuel return hose 2 to 3 times, then measure fuel pressure again.

● If out of specification as measured at this step, check or replace pressure regulator and pressure regulator vacuum hose.



**CHECK** : **Is fuel pressure between 206 and 235 kPa (2.1 — 2.4 kg/cm<sup>2</sup>, 30 — 34 psi)?**

**YES** : Go to step 11T5.

**NO** : Repair the following items.

Fuel pressure too high	<ul style="list-style-type: none"> <li>● Faulty pressure regulator</li> <li>● Clogged fuel return line or bent hose</li> </ul>
Fuel pressure too low	<ul style="list-style-type: none"> <li>● Faulty pressure regulator</li> <li>● Improper fuel pump discharge</li> <li>● Clogged fuel supply line</li> </ul>

### NOTE:

The fuel pressure gauge registers 10 to 20 kPa (0.1 to 0.2 kg/cm<sup>2</sup>, 1.4 to 2.8 psi) higher than standard values during high-altitude operations.