

**Note**

- The following vacuum values are indicated by relative pressure from the fuel pressure sensor.
1. Verify that the fuel pressure sensor is normal. (See FUEL PRESSURE SENSOR INSPECTION [SKYACTIV-G 2.0].)
  2. Connect the M-MDS to the DLC-2.
  3. Switch the ignition ON (engine off).
  4. Select the "FUEL\_PRES", "LOAD" and "RPM" PIDs on the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-G 2.0].)

**Caution**

- **If the engine is run at a high speed, it could be damaged. When racing the engine, be careful not to increase the engine speed suddenly.**
5. After the "LOAD" PID is **60% or more** while the engine is raced with the accelerator pedal fully depressed, verify that the "FUEL\_PRES" PID is **approx. 15.0 MPa {153 kgf/cm<sup>2</sup>, 2176 psi}**.
    - If not as specified, replace the high pressure fuel pump. (See HIGH PRESSURE FUEL PUMP REMOVAL/INSTALLATION [SKYACTIV-G 2.0].)