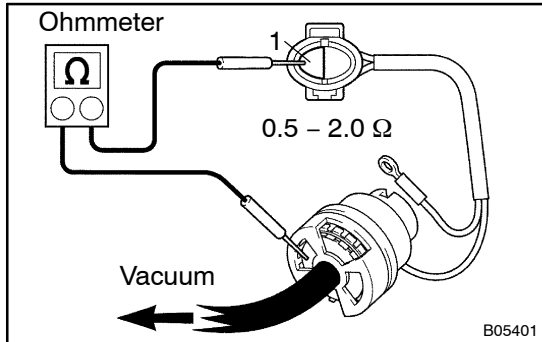


FUEL HEATER INSPECTION

FU01W-02

1. REMOVE FUEL HEATER

- Disconnect the fuel heater connector.
- Remove the screws, cover and fuel heater.
- Remove the O-ring from the fuel heater.

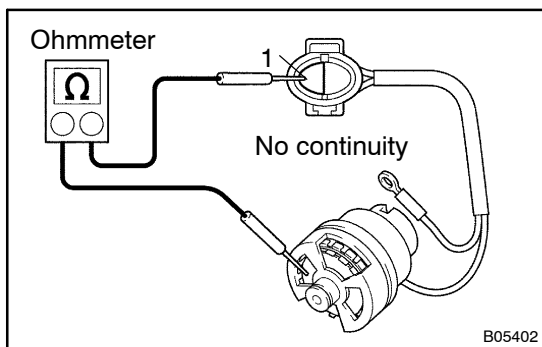


2. INSPECT FUEL HEATER

- Apply a vacuum of 34.7 ± 5.3 kPa (260 ± 40 mmHg, 10.24 ± 1.57 in.Hg) or more to the vacuum switch port.
- Using an ohmmeter, measure the resistance between terminal 1 and the switch body.

Resistance: $0.5 - 2.0 \Omega$ at 20°C (68°F)

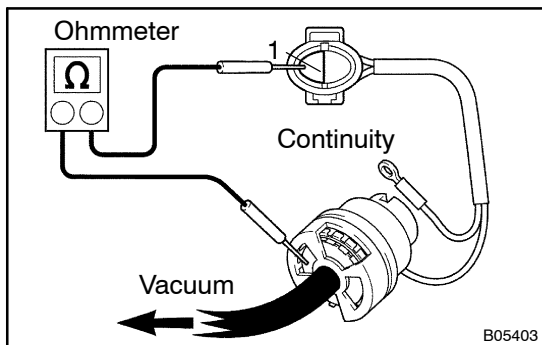
If the resistance is not as specified, replace the fuel heater and vacuum switch assembly.



3. INSPECT VACUUM SWITCH CONTINUITY

Using an ohmmeter, check that there is no continuity between terminal 1 and the switch body.

If continuity is not as specified, replace the fuel heater and vacuum switch assembly.



4. INSPECT VACUUM SWITCH OPERATION

- Apply a vacuum of 34.7 ± 5.3 kPa (260 ± 40 mmHg, 10.24 ± 1.57 in.Hg) or more to the vacuum switch port.
- Using an ohmmeter, check that there is continuity between terminal 1 and the switch body.

If operation is not as specified, replace the fuel heater and vacuum switch assembly.

5. REINSTALL FUEL HEATER

- Install a new O-ring to the fuel heater.
- Install the fuel heater and cover with the 2 screws.
Torque: $1.96 \text{ N}\cdot\text{m}$ ($20 \text{ kgf}\cdot\text{cm}$, $17 \text{ in}\cdot\text{lbf}$)
- Connect the fuel heater connector.