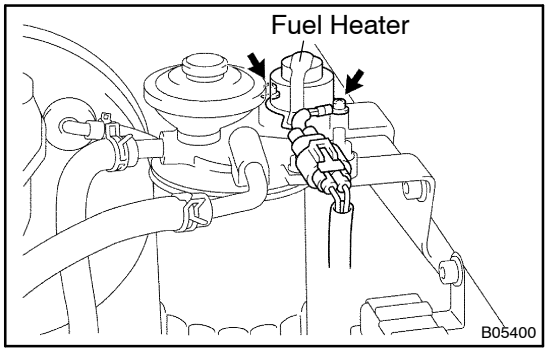


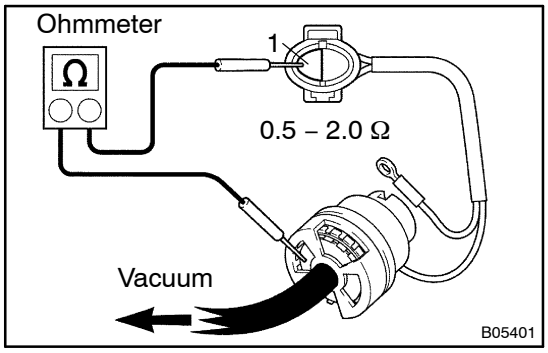
FUEL HEATER

FU01W–02

INSPECTION

1. REMOVE FUEL HEATER

(a) Disconnect the fuel heater connector.
(b) Remove the screws, cover and fuel heater.
(c) Remove the O–ring from the fuel heater.

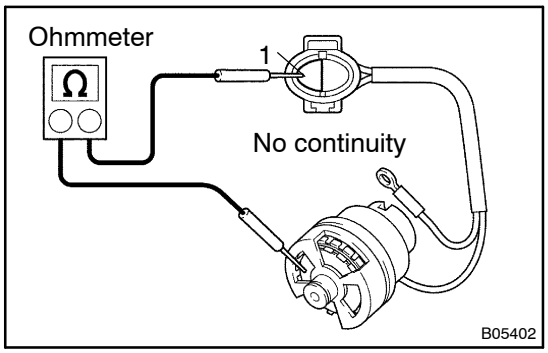


2. INSPECT FUEL HEATER

(a) 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.
(b) Using an ohmmeter, measure the resistance between terminal 1 and the switch body.

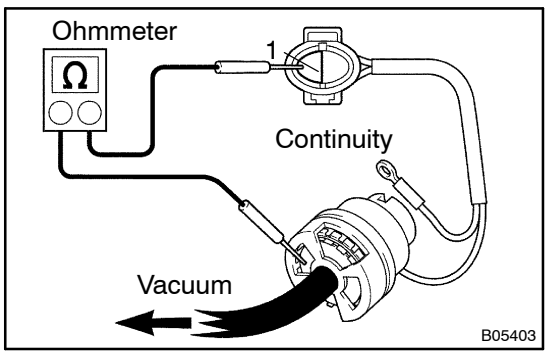
Resistance: 0.5 – 2.0 Ω at 20°C (68°F)

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

(a) 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.
(b) 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

(a) Install a new O–ring to the fuel heater.
(b) Instal the fuel heater and cover with the 2 screws.

Torque: 1.96 N·m (20 kgf·cm, 17 in.·lbf)

(c) Connect the fuel heater connector.