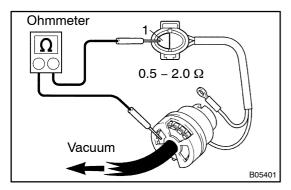


FUEL HEATER INSPECTION

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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.

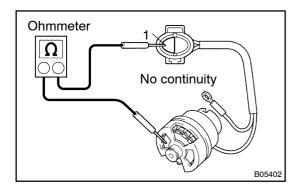


2. INSPECT FUEL HEATER

- (a) Apply a vacuum of 34.7 \pm 5.3 kPa (260 \pm 40 mmHg, 10.24 \pm 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: $0.5 - 2.0 \Omega$ at 20° C (68°F)

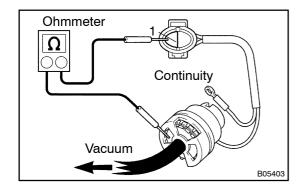
If the resistance is not as specified, replace the fuel heater and vacuum switch assembly.



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

- (a) Apply a vacuum of 34.7 \pm 5.3 kPa (260 \pm 40 mmHg, 10.24 \pm 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.