

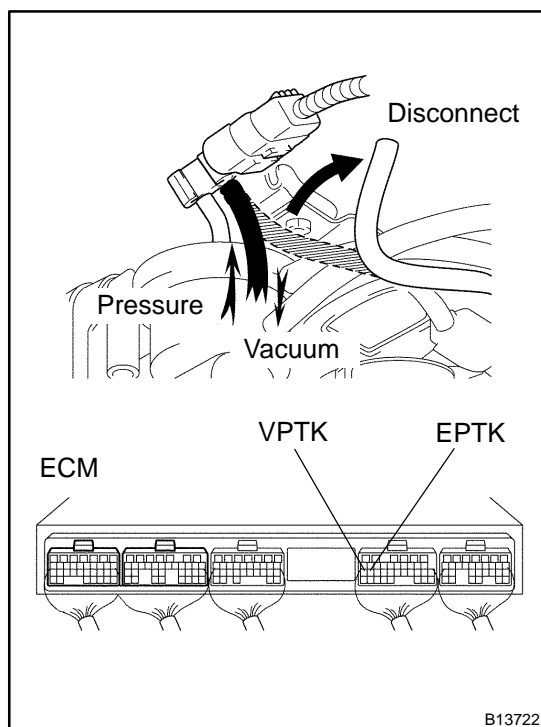
INSPECTION

1. INSPECT POWER SOURCE VOLTAGE OF VAPOR PRESSURE SENSOR

- Disconnect the vapor pressure sensor connector.
- Turn the ignition switch ON.
- Using a voltmeter, measure the voltage between connector terminals VC and E2 of the wiring harness side.

Voltage: 4.5 – 5.5 V

- Turn the ignition switch OFF.
- Reconnect the vapor pressure sensor connector.



2. INSPECT POWER OUTPUT OF VAPOR PRESSURE SENSOR

- Turn the ignition switch ON.
- Disconnect the vacuum hose from the vapor pressure sensor.
- Connect a voltmeter to terminals VPTK and EPTK of the ECM, and measure the output voltage under these conditions:

- Apply vacuum (2.0 kPa (15 mmHg, 0.59 in.Hg)) to the vapor pressure sensor.

Voltage: 1.3 – 2.1 V

- Release the vacuum from the vapor pressure sensor.

Voltage: 3.0 – 3.6 V

- Apply pressure (1.5 kPa (15 gf/cm², 0.22 psi)) to the vapor pressure sensor.

Voltage: 4.2 – 4.8 V

- Turn the ignition switch OFF.
- Reconnect the vacuum hose to the vapor pressure sensor.