

INSPECTION

1. INSPECT POWER SOURCE VOLTAGE OF VAPOR PRESSURE SENSOR

- (a) Disconnect the vapor pressure sensor connector.

HINT:

Near the fuel tank.

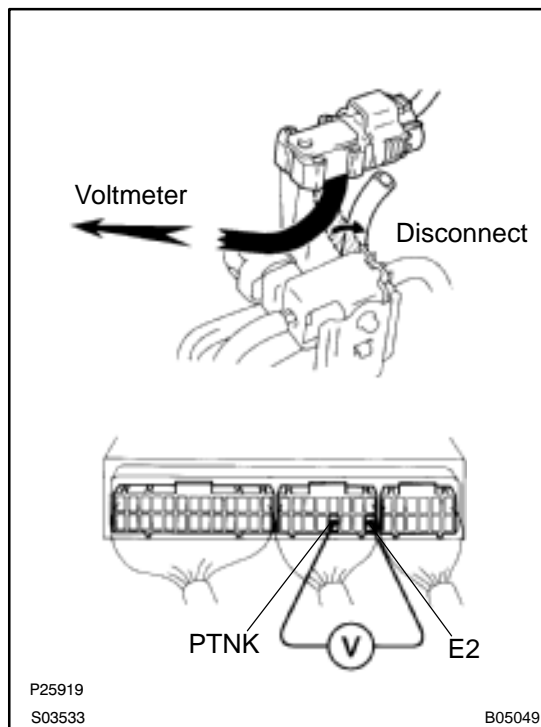
- (b) Turn the ignition switch ON.
 (c) Using a voltmeter, measure the voltage between connector terminals VC and E2 of the wiring harness side.

Voltage: 4.5 – 5.5 V

- (d) Turn the ignition switch to LOCK.
 (e) Reconnect the vapor pressure sensor connector.

2. INSPECT POWER OUTPUT OF VAPOR PRESSURE SENSOR

- (a) Turn the ignition switch ON.
 (b) Disconnect the vacuum hose from the vapor pressure sensor.



- (c) Connect a voltage to terminals PTNK and E2 of the ECM, and measure the output voltage under the following connectors:

- 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, 15gf/cm², 0.22 psi) to the vapor pressure sensor.

Voltage: 4.2 – 4.8 V

- (d) Disconnect the vacuum hose to the vapor pressure sensor.