

## VAPOR PRESSURE SENSOR INSPECTION

SF05L-03

### 1. INSPECT POWER SOURCE VOLTAGE OF VAPOR PRESSURE SENSOR

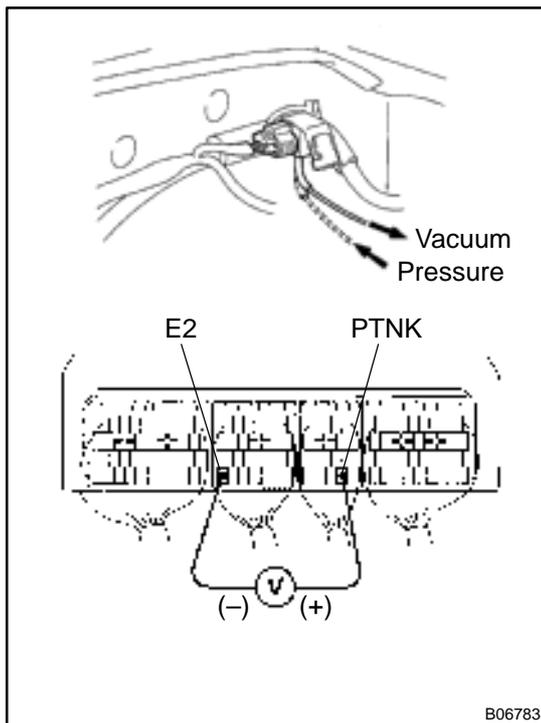
- (a) Disconnect the vapor pressure sensor connector.
- (b) Turn the ignition switch ON.
- (c) Using a voltmeter, measure the voltage between connector terminals VC and E2 of the wiring harness side.

**Voltage: 4.5 – 5.5 V**

- (d) Turn the ignition switch OFF.
- (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 voltmeter to terminals PTNK and E2 of the ECM, and measure the output voltage under ambient atmospheric pressure.

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

**Voltage: 1.3 – 2.1 V**

- (2) Release the vacuum from the vapor pressure sensor.

**Voltage: 3.0 – 3.6 V**

- (3) Apply pressure (1.5 kPa, 15 gf/cm<sup>2</sup>, 0.22 psi) to the vapor pressure sensor.

**Voltage: 4.2 – 4.8 V**

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