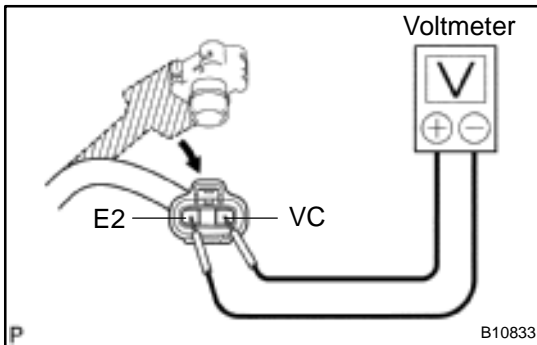


## INSPECTION

1. REMOVE LUGGAGE COMPARTMENT BOX
2. REMOVE FLOOR SERVICE HOLE COVER
3. REMOVE VAPOR PRESSURE SENSOR

- (a) Remove the 2 bolts and No. 3 fuel tank protector.
- (b) Disconnect the vapor pressure sensor connector.
- (c) Remove the clip and vapor pressure sensor.

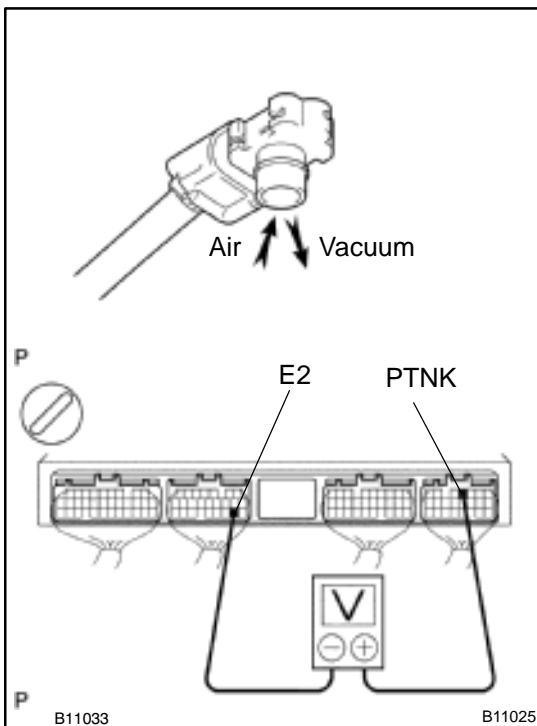


### 4. INSPECT VAPOR PRESSURE SENSOR

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

**Voltage: 4.5 – 5.5 V**

- (c) Turn the ignition switch OFF.



### 5. INSPECT POWER OUTPUT OF VAPOR PRESSURE SENSOR

- (a) Connect the vapor pressure sensor connector.
- (b) Turn the ignition switch ON.
- (c) Connect a voltmeter to terminals PTNK and E2 of the ECM, and measure the output voltage under the following conditions:

- (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) Turn the ignition switch OFF.

### 6. REINSTALL VAPOR PRESSURE SENSOR

- (a) Reinstall the vapor pressure sensor and clip.
- (b) Reconnect the vapor pressure sensor connector.
- (c) Reinstall the 2 bolts and No. 3 fuel tank protector.

### 7. REINSTALL FLOOR SERVICE HOLE COVER

### 8. REINSTALL LUGGAGE COMPARTMENT BOX