

**DTC 44-1 (EOT SENSOR LOW VOLTAGE)**

**1. EOT Sensor System Inspection**

Turn the ignition switch to ON (I).  
Check the EOT sensor with the MCS.

**Is about 0 V indicated?**

**YES** – GO TO STEP 2.

**NO** – Intermittent failure.

**2. EOT Sensor Inspection**

Turn the ignition switch to OFF (O).  
Disconnect the EOT sensor 2P connector (page 16-55).  
Turn the ignition switch to ON (I).  
Check the EOT sensor with the MCS.

**Is about 0 V indicated?**

**YES** – GO TO STEP 4.

**NO** – GO TO STEP 3.

**3. EOT Sensor Resistance Inspection**

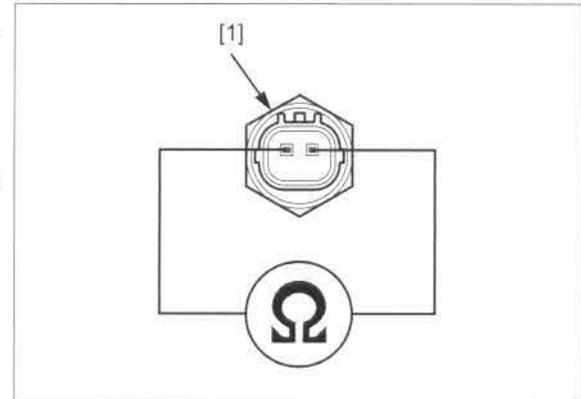
Turn the ignition switch to OFF (O).  
Measure the resistance between the sensor side 2P connector [1] terminals.

**Standard: 2.5 – 2.8 kΩ (20°C/68°F)**

**Is the resistance within standard value?**

**YES** – Replace the PCM with a known good one and recheck.

**NO** – Faulty EOT sensor.



**4. EOT Sensor Line Short Circuit Inspection**

Disconnect the PCM 33P (gray) connector (page 4-28).  
Check for continuity between the wire harness side 2P connector [1] terminal and ground.

**Connection: Orange – Ground**

**Is there continuity?**

**YES** – Short circuit in the Orange wire.

**NO** – Replace the PCM with a known good one and recheck.

