

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

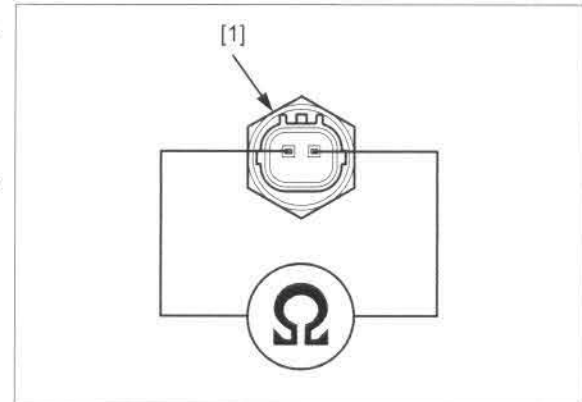
Turn the ignition switch to OFF (O).
Measure the resistance between the sensor side 2P
connector [1] terminals.

Standard: 2.5 – 2.8 k Ω (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.

