

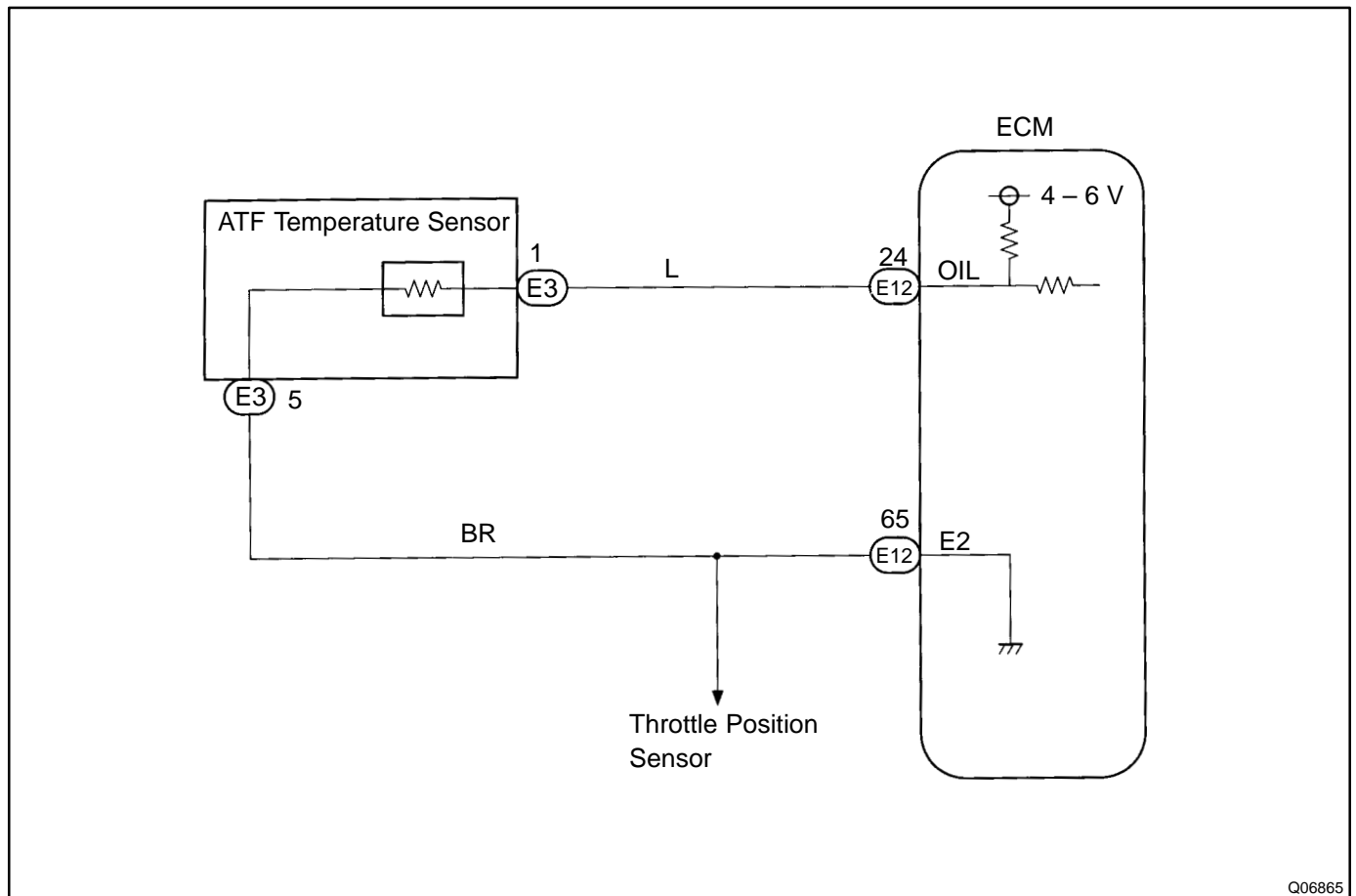
DTC	P0710	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)
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CIRCUIT DESCRIPTION

The ATF temperature sensor converts fluid temperature into a resistance value which is input into the ECM.

DTC No.	DTC Detecting Condition	Trouble Area
P0710	<p>Either (a) or (b) are detected for 0.5 sec. or more (2 trip detection)</p> <p>(a) Temperature sensor resistance less than 79 Ω</p> <p>(b) After the engine has been operating for 15 minutes or more, the resistance at the temperature sensor is more than 156 kΩ</p>	<ul style="list-style-type: none"> • Open or short in ATF temperature sensor circuit • ATF temperature sensor • ECM

WIRING DIAGRAM



Q06865

INSPECTION PROCEDURE

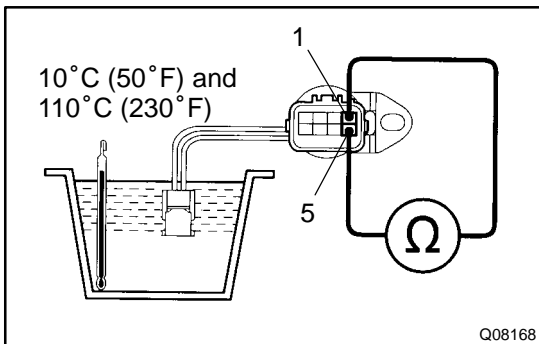
- | | |
|---|---|
| 1 | Check harness and connector between ECM and ATF temperature sensor (See page IN-29). |
|---|---|

NG

Repair or replace harness or connector.

OK

- | | |
|---|--------------------------------------|
| 2 | Check ATF Temperature Sensor. |
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**PREPARATION:**

- (a) Remove the oil pan.
- (b) Remove the solenoid wiring.

CHECK:

Measure resistance between terminals 1 and 5 of solenoid wiring connector at 10 °C (50 °F) and 110°C (230 °F).

OK:**Resistance:**

10 °C (50 °F): 0.3 kΩ

110 °C (230 °F): 6.5 Ω

NG

Replace solenoid wiring.

OK

Check and replace ECM.