

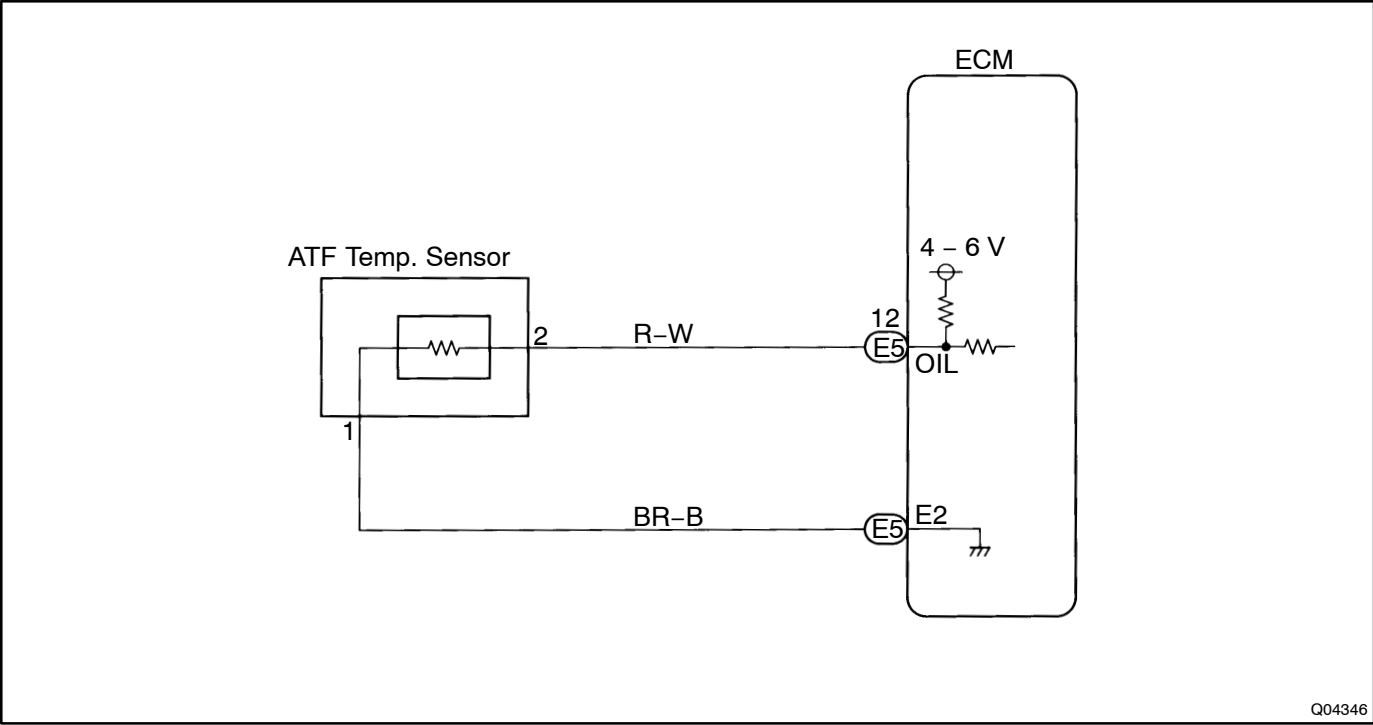
DTC	P0710	Transmission Fluid Temp. Sensor Malfunction (ATF Temp. Sensor)
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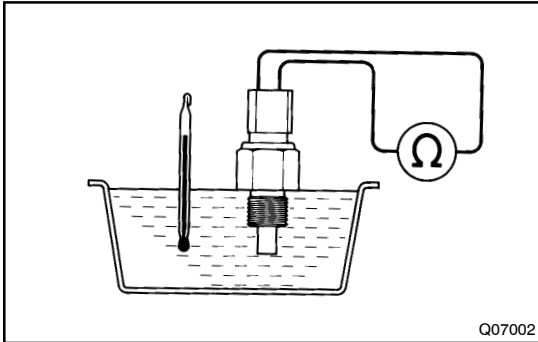
CIRCUIT DESCRIPTION

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

DTC No.	DTC Detection Condition	Trouble Area
P0710	Either (a) or (b) is detected for 0.5 sec. or more. (a) Temp. sensor resistance is less than 79 Ω (b) After the engine has been operating for 15 minutes or more, the resistance at the temp. sensor is more than 156 kΩ	• Open or short in ATF temp. sensor • ATF temp. sensor • ECM

WIRING DIAGRAM



INSPECTION PROCEDURE**1 Check ATF Temp. Sensor.****PREPARATION:**

Remove the ATF temperature sensor.

CHECK:

Measure the resistance between terminals of ATF temperature sensor at 20°C (68°F) and 110°C (230°F).

OK:

Resistance (Approx.):

20°C (68°F): 12.1 kΩ

110°C (230°F): 780 Ω

NG**Replace ATF Temp. sensor.****OK****2 Check harness and connector between ATF Temp. sensor and ECM
(See page [IN-27](#)).****NG****Repair or replace harness or connector.****OK****Check and replace ECM (See page [IN-27](#)).**