

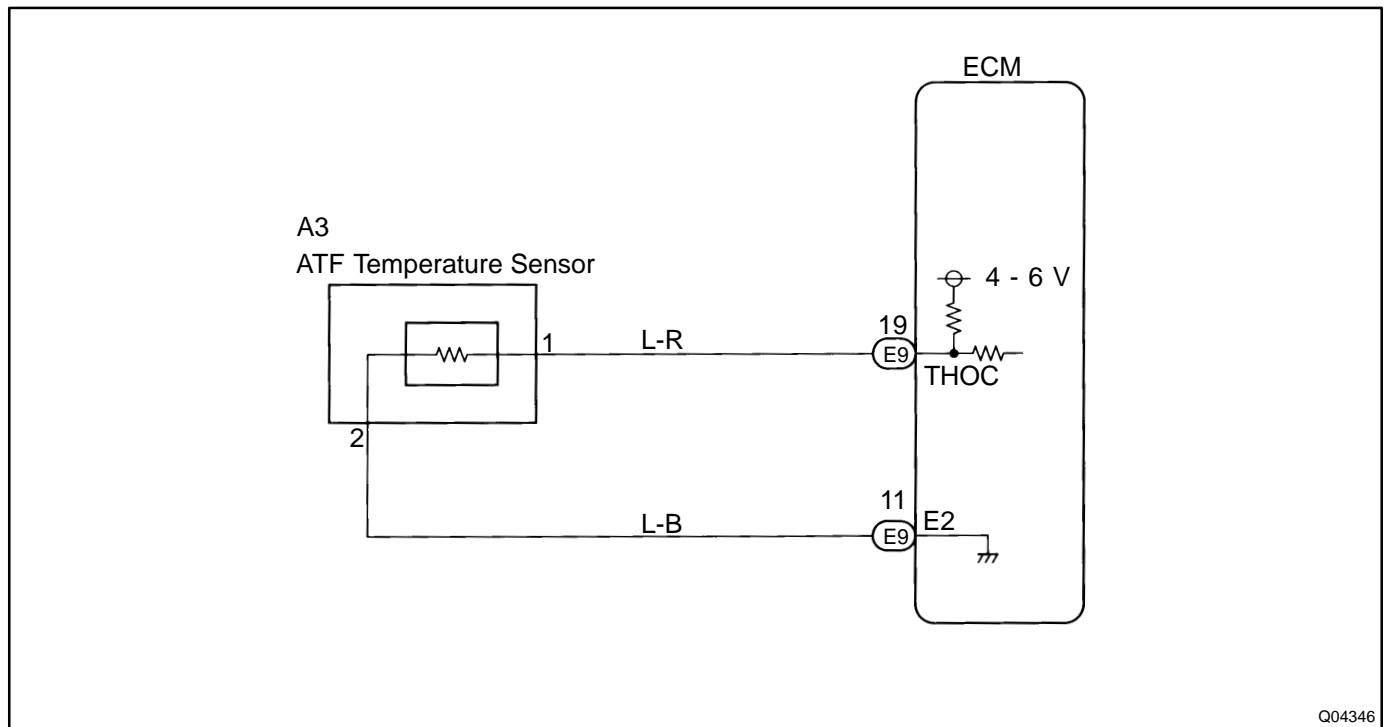
DTC	P0710	Transmission Fluid Temperature Sensor Malfunction
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CIRCUIT DESCRIPTION

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 1. or 2. is detected for 0.5 sec. or more (2 trip detection logic).</p> <ol style="list-style-type: none"> Temp. sensor resistance is less than 79 Ω After the engine has been operating for 15 minutes or more, the resistance at the temp. sensor is more than 156 kΩ 	<ul style="list-style-type: none"> • Open or short in ATF temp. sensor • ATF temp. sensor • ECM

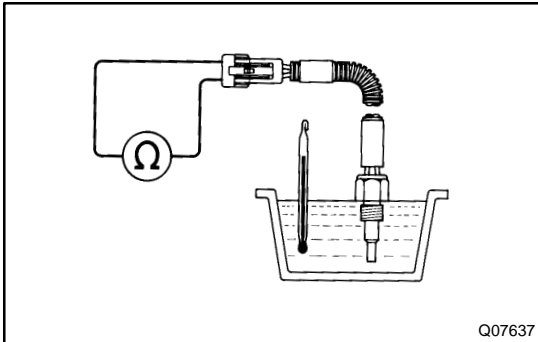
WIRING DIAGRAM



Q04346

INSPECTION PROCEDURE

1 Check ATF temperature sensor.



PREPARATION:

Remove the ATF temperature sensor.

CHECK:

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

OK:

Resistance (Approx.):

20 °C (68 °F): 4.29 kΩ

110 °C (230 °F): 690 Ω

NG

Replace the ATF temperature sensor.

OK

2 Check harness and connector between ATF temperature sensor and ECM (See page [IN-28](#)).

NG

Repair or replace the harness or connector.

OK

Check and replace the ECM.