

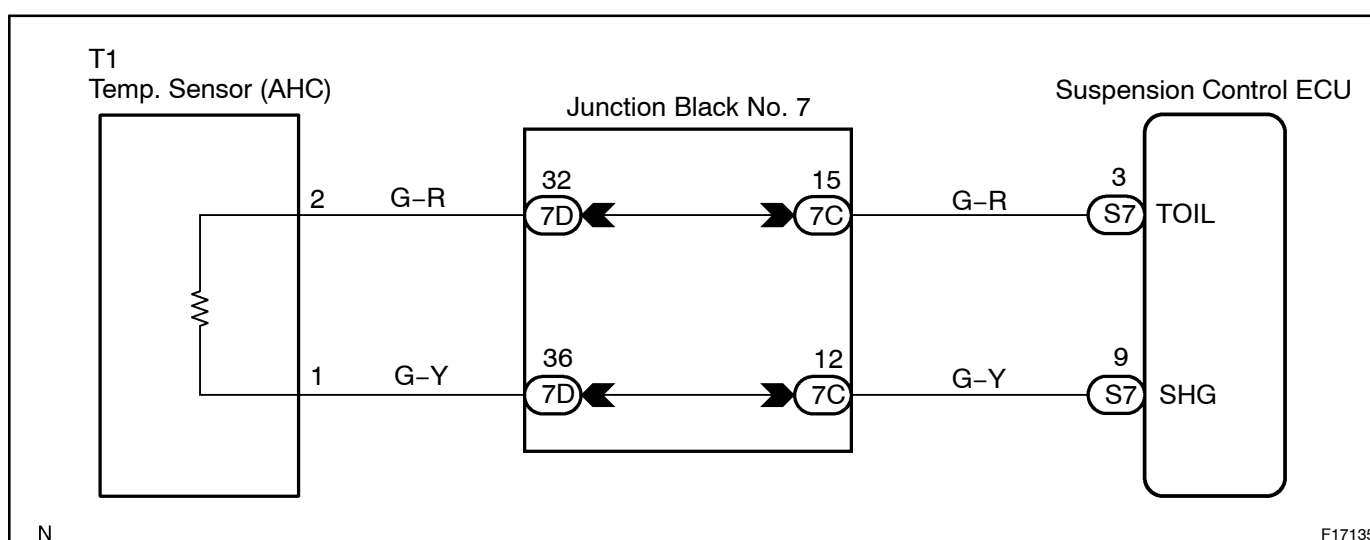
DTC	C1719 / 19	Fluid Temperature Sensor Circuit
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CIRCUIT DESCRIPTION

This circuit is sending the data to detect the fluid temperature of the pump and to judge the abnormality of the fluid by the ECU.

DTC No.	DTC Detecting Condition	Trouble Area
C1719 / 19	When detecting the abnormal signal from the fluid temp. sensor (Fluid temp. sensor terminal voltage of ECU is 0.1 V or less or 4.8 V or more) for every 0.01 sec. and that condition continued for 0.5 sec. and had been consisted 10 times.	• Fluid temperature sensor • Fluid temperature sensor circuit • ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 in case of using the LEXUS hand-held tester and start from step 2 in case of not using the LEXUS hand-held tester.

1	Check output value of fluid temperature sensor.
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PREPARATION:

- Connect the LEXUS hand-held tester to the DLC3.
- Turn the ignition switch ON and push the LEXUS hand-held tester main switch ON.
- Select the DATA LIST mode on the LEXUS hand-held tester.

CHECK:

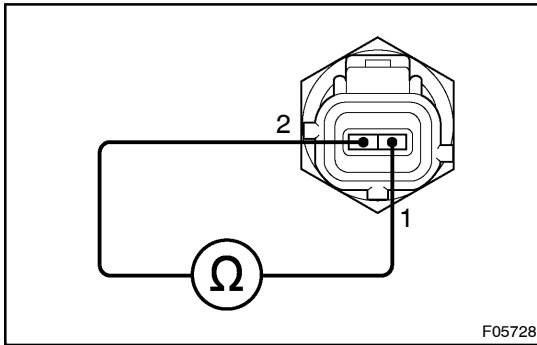
Check the temperature value of the fluid temperature sensor displayed on the LEXUS hand-held tester.

OK:

Same as actual fluid temperature

OK	Clear the DTC (See page DI-505).
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2 Check fluid temperature sensor.**PREPARATION:**

Disconnect the fluid temperature sensor connector.

CHECK:

Measure resistance between terminals 1 and 2 of fluid temperature sensor connector.

OK: $2.45 \pm 0.45 \text{ k}\Omega$ at 20 °C (68 °F)

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Replace fluid temperature sensor.

OK

3 Check for open and short circuit in harness and connector between fluid temperature sensor and suspension control ECU (See page [IN-36](#)).

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Repair or replace harness or connector.

OK

Clear the DTC (See page [DI-505](#)).