

<b>DTC</b>	<b>P0711</b>	<b>Transmission Fluid Temperature sensor Circuit Range / Performance</b>
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## CIRCUIT DESCRIPTION

Refer to DTC P0710 on page [DI-371](#).

DTC No.	DTC Detecting Condition	Trouble Area
P0711	Both 1. and 2. is detected. 1. After 12 seconds of the engine start, the temp., of the atmosphere and that of the engine coolant is more than $-10^{\circ}\text{C}$ . 2. After a normal driving for over 20 minutes and 6.2 miles (10 km), the ATF temp. is less than $10^{\circ}\text{C}$ .	<ul style="list-style-type: none"> <li>• Open in ATF temperature sensor circuit</li> <li>• ATF temp. sensor</li> <li>• ECM</li> </ul>

## INSPECTION PROCEDURE

### HINT:

Read freeze frame data using LEXUS hand-held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

<b>1</b>	<b>Are there any other codes (besides DTC P0711) being output?</b>
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**YES**

**Go to relevant DTC chart (See page [DI-357](#)).**

**NO**

**Replace ATF temperature sensor.**