

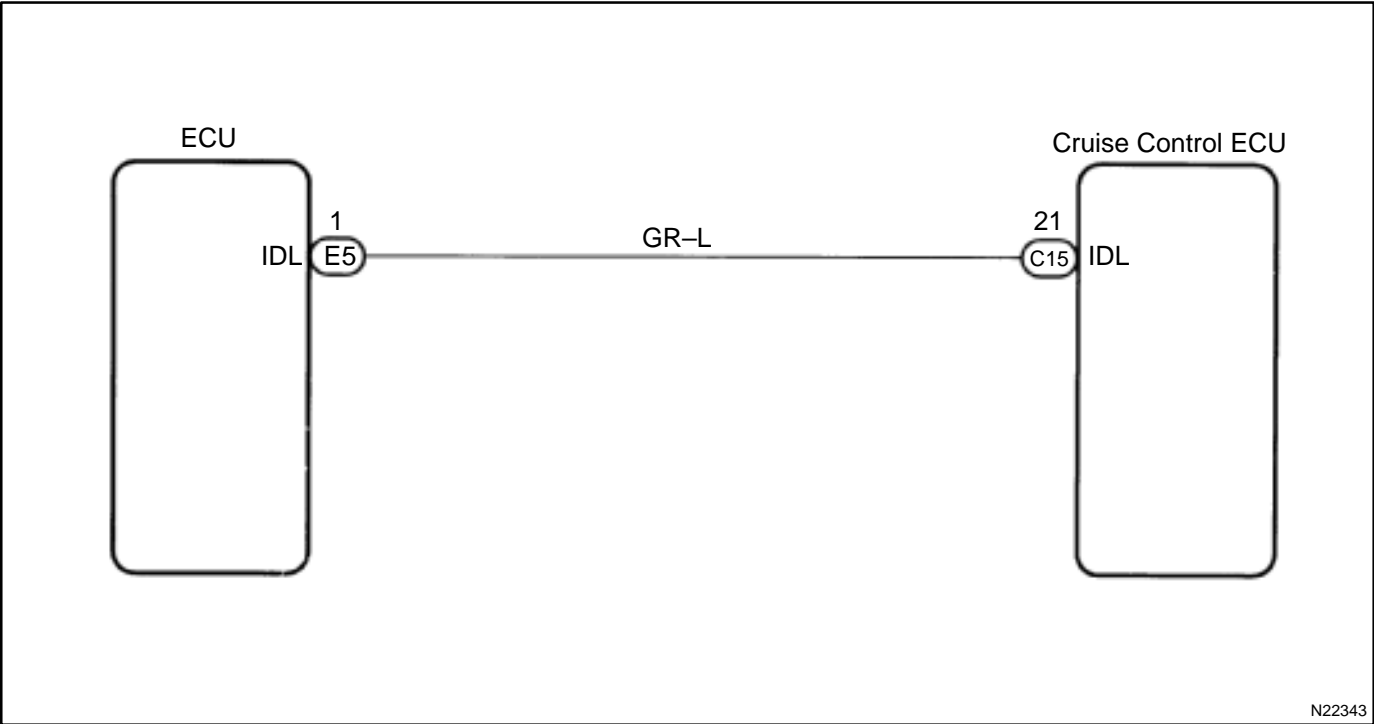
DTC	51	Idle Signal Circuit
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CIRCUIT DESCRIPTION

When the idle switch is turned ON, a signal is sent to the ECU. The ECU uses this signal to correct the discrepancy between the throttle valve position and the actuator position sensor value to enable accurate cruise control at the set speed. If the idle switch is malfunctioning, problem symptoms also occur in the engine, so also inspect the engine.

DTC No.	Detection Item	Trouble Area
51	Short in idle signal circuit.	<ul style="list-style-type: none"><li>• Harness or connector between cruise control ECU and throttle position sensor</li><li>• Throttle position sensor</li><li>• Cruise control ECU</li></ul>

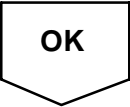
WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check throttle position sensor circuit (See page <a href="#">DI-36</a> ).
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NG	Replace throttle position sensor.
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2	Check harness and connector between ECM and throttle position sensor (See page <a href="#">IN-27</a> ).
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NG	Repair or replace harness or connector.
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OK

3	Check harness and connector between cruise control ECU and throttle position sensor (See page <a href="#">IN-27</a> ).
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NG	Repair or replace harness or connector.
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OK

Check and replace cruise control ECU (See page [IN-27](#)).