

DTC	C1776/76	SPEED SENSOR CIRCUIT
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DTC	C1794/94	RIGHT FRONT SPEED SENSOR CIRCUIT
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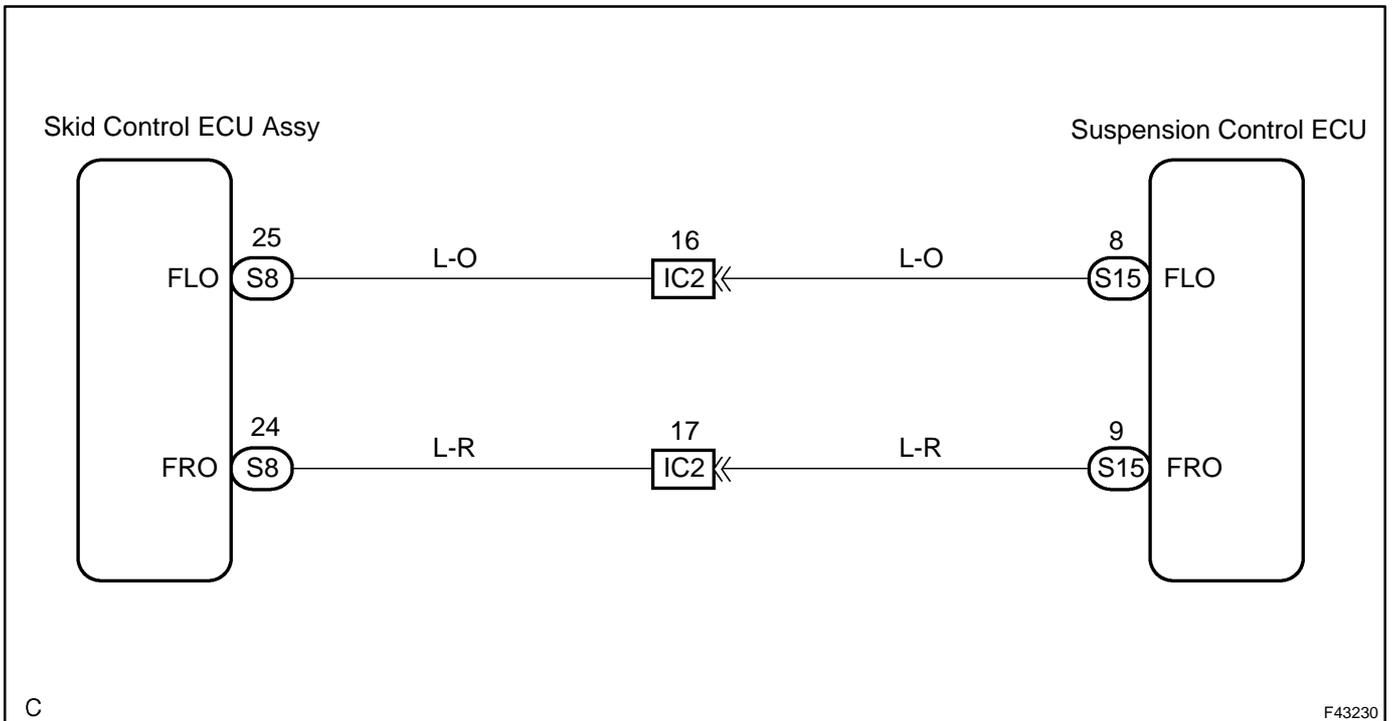
DTC	C1795/95	LEFT FRONT SPEED SENSOR CIRCUIT
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CIRCUIT DESCRIPTION

The speed sensor detects the wheel speed, and transmits the appropriate vehicle speed signal to the suspension control ECU through the skid control ECU assy.

DTC No.	DTC Detecting Condition	Trouble Area
C1776/76	Speed sensor circuit malfunction.	<ul style="list-style-type: none"> • Speed sensor • Speed sensor circuit • Skid control ECU assy • Suspension control ECU
C1794/94	Right front speed signal 20 km/h (12 mph) or more.	<ul style="list-style-type: none"> • Right front speed sensor • Right front speed sensor circuit • Skid control ECU assy • Suspension control ECU
C1795/95	Left front speed signal 20 km/h (12 mph) or more.	<ul style="list-style-type: none"> • Left front speed sensor • Left front speed speed sensor circuit • Skid control ECU assy • Suspension control ECU

WIRING DIAGRAM



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F43230

INSPECTION PROCEDURE

HINT:

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

1 READ VALUE OF HAND-HELD TESTER

- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the ignition switch to ON, and turn the hand-held tester main switch to ON.
- (c) Select the item "VEHICLE SPEED" in the DATA LIST, and read its value displayed on the hand-held tester.
- (d) Check that there is no difference between the speed value output from the speed sensor displayed on the hand-held tester and the speed value displayed on the speedometer when driving the vehicle.

Standard:

There is almost no difference in the displayed speed values.

HINT:

There is tolerance of $\pm 10\%$ in the speedometer indication.

OK

CHECK AND REPLACE SUSPENSION CONTROL ECU (See page 01-35)

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2 CHECK DIAGNOSTIC CODE OUTPUT

- (a) Check if the normal code is output by ABS (See page 05-307).

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REPAIR CIRCUIT INDICATED BY OUTPUT CODE

OK

3 CHECK HARNESS AND CONNECTOR(SUSPENSION CONTROL ECU - SKID CONTROL ECU ASSY)

- (a) Check for open and short circuit in the harness and the connector between the suspension control ECU and the skid control ECU assy (See page 01-35).

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE SUSPENSION CONTROL ECU (See page 01-35)