

Speed Sensor Circuit

CIRCUIT DESCRIPTION

The combination meter is connected to the skid control ECU with the multiplex communication circuit. It receives the speed sensor signal from the skid control ECU.

INSPECTION PROCEDURE

When using LEXUS hand-held tester:

1 Check speedometer value.

PREPARATION:

Connect the LEXUS hand-held tester to the DLC3.

CHECK:

- Enter DATA LIST function of the LEXUS hand-held tester.
- When driving the vehicle, check that parameter value of "Speedometer" changes on the screen of the LEXUS hand-held tester.

NOTICE:

- Be sure to safely route all cables when driving with the tester connected to the vehicle (i.e., keep cables away from feet, pedals, steering wheel and shift lever).
- 2 persons are required when test driving with the tester: 1 person to drive the vehicle, and 1 person to operate the tester.

OK

Replace combination meter
(See page BO-131).

NG

2 Check wire harness and connector between combination meter and skid control ECU (See page IN-35).

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Repair or replace wire harness or connector.

OK

Check and repair speed sensor and wire harness.

When not using LEXUS hand-held tester:

- 1 Check wire harness and connector between combination meter and skid control ECU (See page IN-35).

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Repair or replace wire harness or connector.

OK

- 2 Check vehicle speed sensor circuit (See page BE-73).

OK

Replace combination meter.

NG

Check and repair speed sensor and wire harness.