

Speed Sensor Circuit

INSPECTION PROCEDURE

When using LEXUS hand-held tester:

1 Check speedometer value.

PREPARATION:

- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn ignition switch ON and LEXUS hand-held tester main switch ON.
- (c) Select the DATALIST mode on the LEXUS hand-held tester.

CHECK:

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:

The speed displayed on the screen of the tester changes as the vehicle speed changes.

OK

Replace combination meter.

NG

2 Check harness and connector between combination meter and ABS ECU (See page N-32).

NG

Repair or replace harness or connector.

OK

Check speed sensor circuit and ABS ECU (See page DI-221).

When not using LEXUS hand-held tester:

1 Check ENGINE TROUBLESHOOTING on page DTC P0500.

OK

Replace combination meter.

NG

2 Check harness and connector between combination meter and ABS ECU (See page IN-32).

NG

Repair or replace harness or connector.

OK

Check speed sensor circuit and ABS ECU (See page DI-221).