

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-29).

NG

Repair or replace harness or connector.

OK

Check speed sensor circuit and ABS ECU.
(See page DI-208)

INSPECTION PROCEDURE**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-29](#)).

NG

Repair or replace harness or connector.

OK

Check speed sensor circuit and ABS ECU.
(See [page DI-208](#))