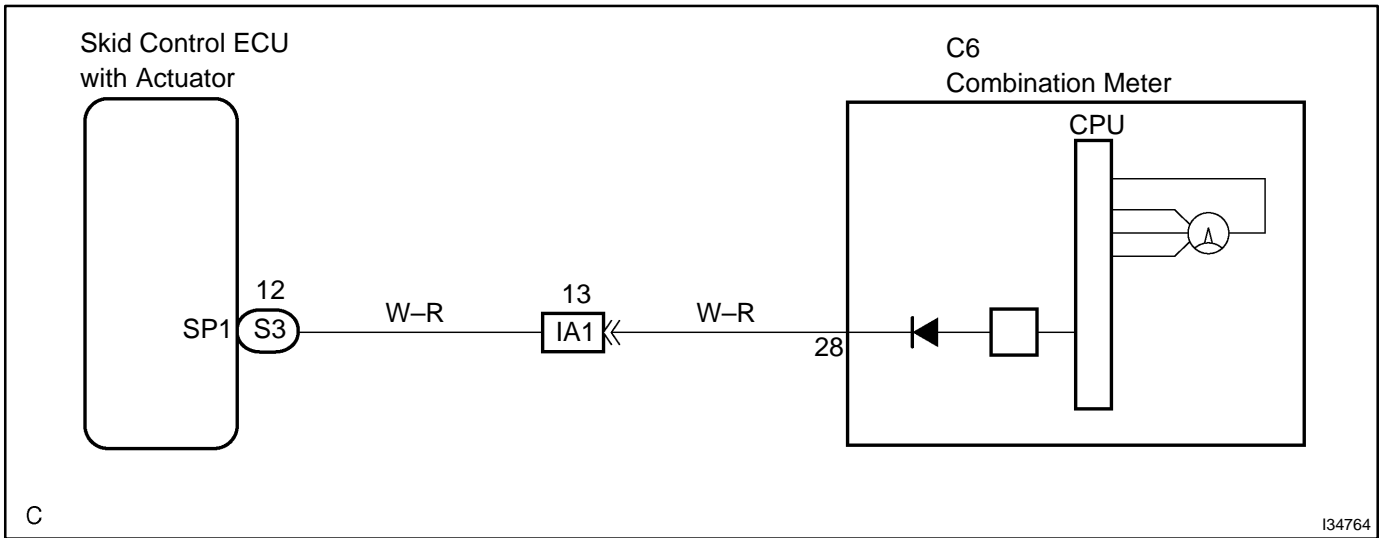


MALFUNCTION IN SPEEDOMETER

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 when using the hand-held tester, and start from step 2 when 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 the ON position and press the hand-held tester main switch on.
- (c) Select the item below in the DATA LIST, and read the displays on the hand-held tester.

ALL:

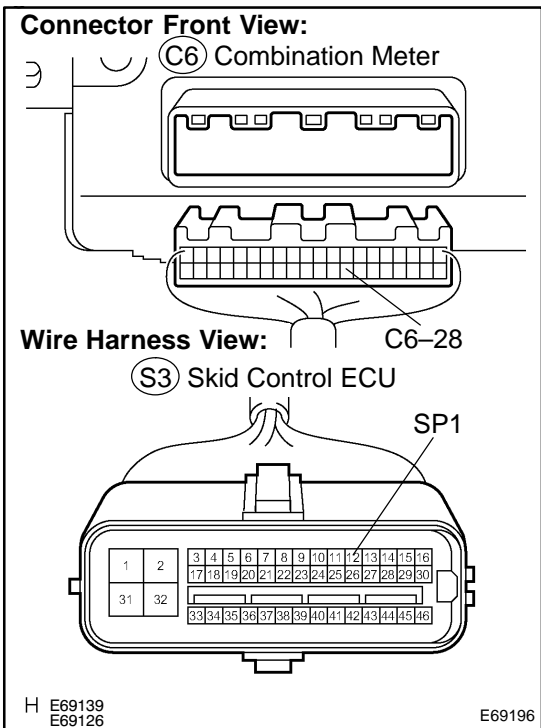
Hand-held Tester Display	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
VEHICLE SPD(*1)	Wheel speed sensor (FR) reading / min.: 0 km/h (0 MPH, max.: 326 km/h (202 MPH)	Actual vehicle speed	-

*1: ABS Data

NG → **GO TO FLOW CHART OR PROBLEM SYMPTOMS TABLE (ABS with EBD & BA & TRAC & VSC SYSTEM) (See page 05-260)**

OK

2 CHECK HARNESS AND CONNECTOR(SKID CONTROL ECU - COMBINATION METER ASSY)



- (a) Disconnect the combination meter connector and skid control ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

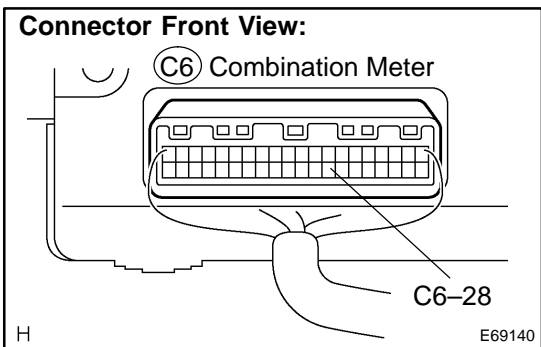
Standard:

Tester connection	Condition	Specified condition
C6-28 - S3-12 (SP1)	Always	Below 1 Ω
C6-28 - Body ground	Always	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01-30)

OK

3 INSPECT COMBINATION METER ASSY



- (a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
C6-28 - Body ground	Ignition switch OFF → ON	Below 1 V → 10 to 14 V

NG REPLACE COMBINATION METER ASSY (See page 71-28)

OK

REPLACE BRAKE ACTUATOR ASSY (See page 32-39)