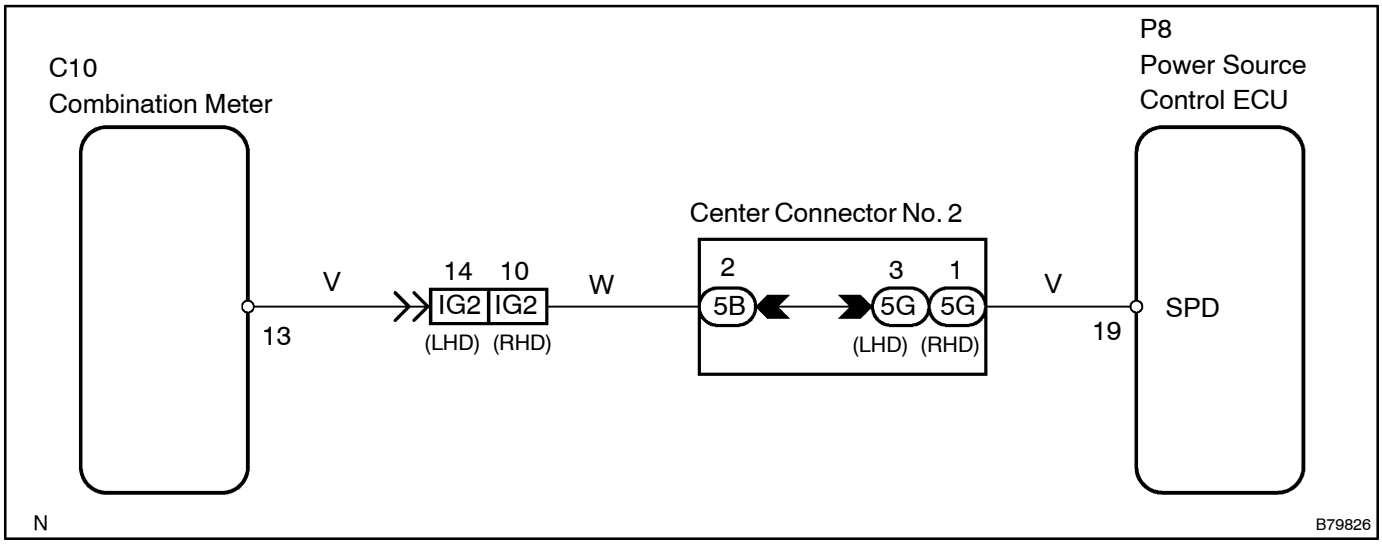
DTC	B2282	VEHICLE SPEED SIGNAL MALFUNCTION (CABLE–INFORMATION DOES NOT MATCH TO BEAN–INFORMATION)

CIRCUIT DESCRIPTION

The power source control ECU and the combination meter are connected by a cable and BEAN. This DTC is output when: 1) the cable information and BEAN information are inconsistent; and 2) a malfunction is detected between the vehicle speed sensor and the combination meter.

DTC No.	DTC detection condition	Trouble area
B2282	Cable and BEAN infomation between power source control ECU and combination meter are inconsistent	• Power source control ECU • Combination meter • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the power switch ON (IG) and press the intelligent tester II main switch ON.
(c) Read the DATA LIST according to the displays on the tester.

Standard (Power source control ECU):

Item	Measurement Item / Display (Range)	Normal Condition	Diagnostic Note
Vehicle Spd Sig	States of Vehicle Speed Signal / Stop or Run	Stop: Vehicle condition is stop Run: Vehicle condition is run	–

OK: "STOP" (vehicle condition is stop) appears on the screen.

NG → **Go to step 2**

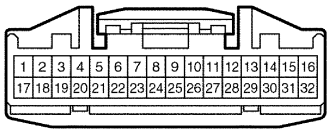
OK

REPLACE POWER SOURCE CONTROL ECU

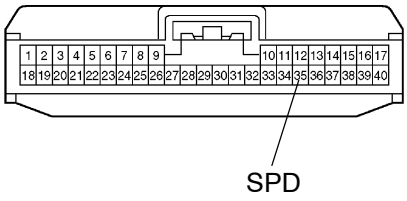
2 CHECK WIRE HARNESS (POWER SOURCE CONTROL ECU – IG2 CONNECTOR)

Wire Harness Side

C10
Combination Meter



P8
Power Source Control ECU



B80593

(a) Disconnect the P8 connector.
(b) Disconnect the C10 connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
P8–19 (SPD) – C10–13	Below 1 Ω
P8–19 (SPD) – Body ground	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

3	CHECK OPERATION OF POWER SOURCE CONTROL ECU

(a) After replacing the power source control ECU with a normally functioning ECU, check that the hybrid control system can start normally.
OK: Hybrid control system can start normally.

NG → Go to COMBINATION METER SYSTEM (See page 05–1584)

OK

NORMAL (POWER SOURCE CONTROL ECU DEFECTIVE)