

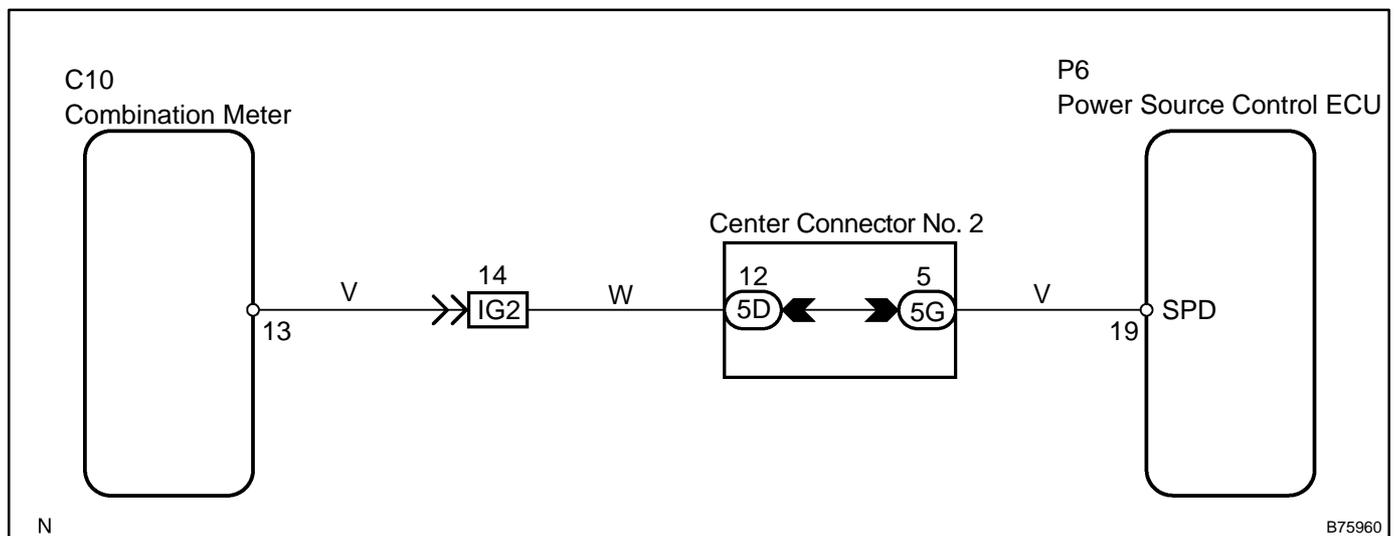
| | | |
|------------|--------------|--------------------------------------------------------------------------------------------------------|
| DTC | B2282 | VEHICLE SPEED SIGNAL MALFUNCTION (CABLE-INFORMATION DOES NOT MATCH TO BEAN-INFORMATION) |
|------------|--------------|--------------------------------------------------------------------------------------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

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 information between power source control ECU and combination meter are inconsistent | <ul style="list-style-type: none"> • Power source control ECU • Combination meter • Wire harness |

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF HAND-HELD TESTER

- Connect the hand-held tester (with CAN VIM) to the DLC3.
- Turn the power switch ON (IG) and press the hand-held tester main switch ON.
- Read the DATA LIST according to the displays on the tester.

Standard (Power source control ECU):

| Item | Measurement Item/Range (Display) | Normal Condition | Diagnostic Note |
|-----------------|-----------------------------------------------------|----------------------------------------------------------------------|-----------------|
| VEHICLE SPD SIG | States of the 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

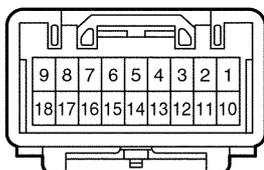
OK

REPLACE POWER SOURCE CONTROL ECU

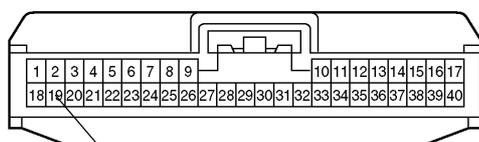
2 CHECK WIRE HARNESS (POWER SOURCE CONTROL ECU – IG2 CONNECTOR)

Wire Harness Side

IG2
Connector



P6
Power Source Control ECU



SPD

B81038

- Disconnect the P6 connector.
- Disconnect the IG2 connector.
- Measure the resistance of the wire harness side connectors.

Standard:

| Tester Connection | Specified Condition |
|------------------------------|-------------------------|
| P6-19 (SPD) – IG2-14 | Below 1 Ω |
| P6-19 (SPD) – Body ground | 10 k Ω 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 05-1975)**

OK

NORMAL (POWER SOURCE CONTROL ECU DEFECTIVE)