

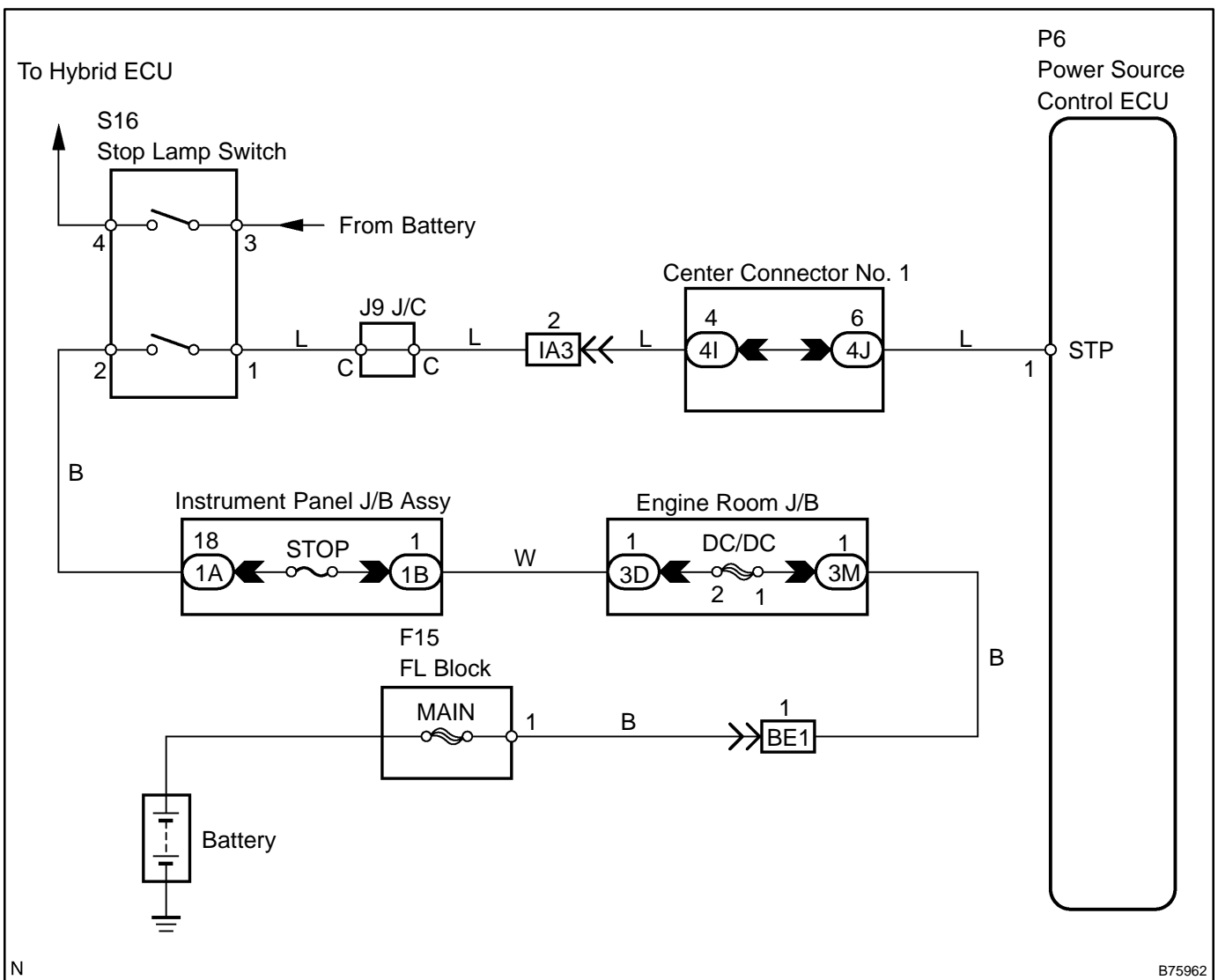
DTC	B2284	BRAKE SIGNAL MALFUNCTION (CABLE-INFORMATION DOES NOT MATCH TO BEAN-INFORMATION)
------------	--------------	--

CIRCUIT DESCRIPTION

This DTC is output when: 1) the brake signal circuit between the power source control ECU and the stop light switch is malfunctioning; and 2) the BEAN information is inconsistent.

DTC No.	DTC Detection Condition	Trouble Area
B2284	Communication or communication line is abnormal between power source control ECU and stop light switch	<ul style="list-style-type: none"> • Power source control ECU • Stop light switch • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1 READ VALUE OF HAND-HELD TESTER

- (a) Connect the hand-held tester (with CAN VIM) to the DLC3.
- (b) Turn the power switch ON (IG) and press the hand-held tester main switch ON.
- (c) 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
STOP LAMP SW1	States of the Stop Lamp Switch 1/ ON or OFF	ON: Brake pedal pressed OFF: Brake pedal released	-

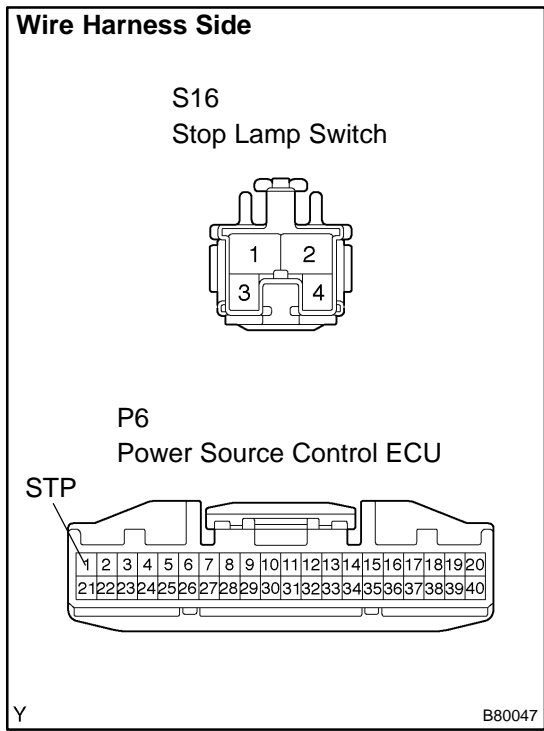
OK: "ON" (brake pedal depressed) appears on the screen.

NG Go to step 2

OK

REPLACE POWER SOURCE CONTROL ECU

2 CHECK WIRE HARNESS (STOP LAMP SWITCH ASSY - POWER SOURCE CONTROL ECU)



- (a) Disconnect the S16 stop lamp switch connector.
- (b) Disconnect the P6 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

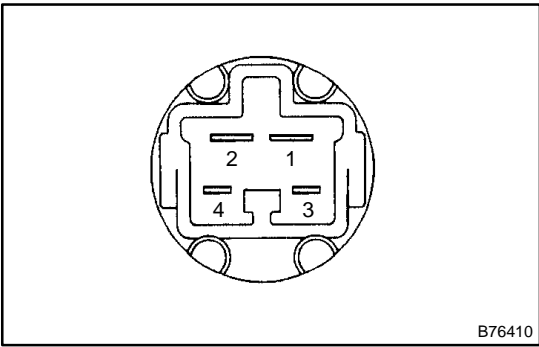
Standard:

Tester Connection	Specified Condition
S16-1 - P6-1 (STP)	Below 1 Ω
S16-2 - Body ground	10 to 14 V

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 CHECK STOP LAMP SWITCH ASSY



B76410

- (a) Remove the stop lamp switch.
- (b) Measure the switch resistance when the shaft is operated.

Standard:

Tester Connection	Condition	Specified Condition
S16-1 - S16-2	Pressed	Below 1 Ω
S16-1 - S16-2	Released	10 kΩ or higher
S16-3 - S16-4	Pressed	10 kΩ or higher
S16-3 - S16-4	Released	Below 1 Ω

NG → **REPLACE STOP LAMP SWITCH ASSY**

OK

REPLACE POWER SOURCE CONTROL ECU