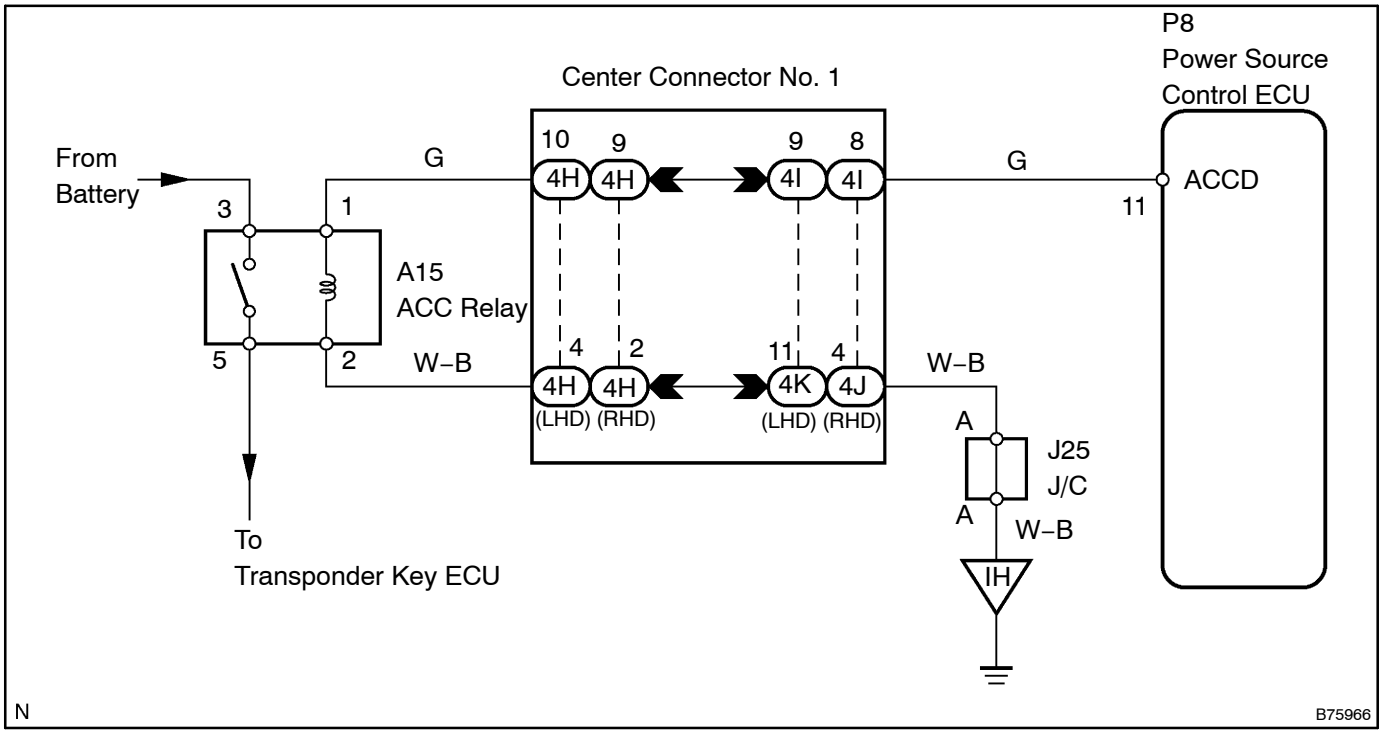
DTC	B2274	ACC MONITOR MALFUNCTION

CIRCUIT DESCRIPTION

This DTC is output when the ACC output circuit from the inside of the power source control ECU to the ACC relay is malfunctioning.

DTC No.	DTC detection condition	Trouble area
B2274	ACC relay actuation circuit inside power source control ECU or other related circuits is malfunctioning	• Power source control ECU • ACC relay • 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
ACC Relay Mon	States of the ACC Relay Monitor/ ON or OFF	ON: Power switch ON (ACC) OFF: Power switch OFF	–

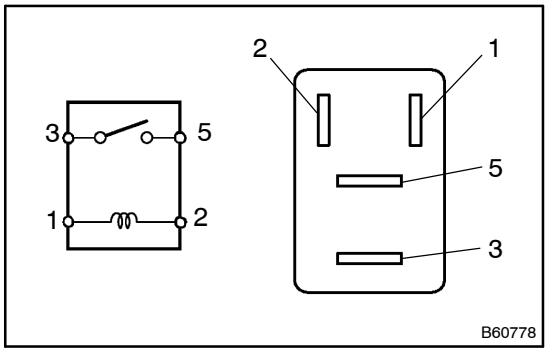
OK: ”ON” (Power switch ON (ACC)) appears on the screen.

NG → **Go to step 2**

OK

REPLACE POWER SOURCE CONTROL ECU

2	INSPECT RELAY (ACC)



(a) Remove the A15 ACC relay.
(b) Measure the resistance.

Standard:

Tester Connection	Specified Condition
3 – 5	10 kΩ or higher
3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

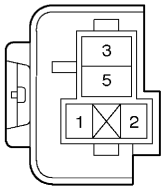
NG → **REPLACE RELAY**

OK

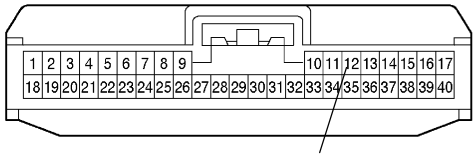
3	CHECK WIRE HARNESS (ACC RELAY – POWER SOURCE CONTROL ECU AND BODY GROUND)

Wire Harness Side

A15
ACC relay



P8
Power Source Control ECU



ACCD

Y B79831

(a) Remove the A15 ACC relay.
(b) Disconnect the P8 connector.
(c) Measure the resistance between the wire harness side connectors and body ground.

Standard:

Tester Connection	Specified Condition
A15–1 – P8–11 (ACCD)	Below 1 Ω
A15–2 – Body ground	Below 1 Ω

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

OK

REPLACE POWER SOURCE CONTROL ECU