

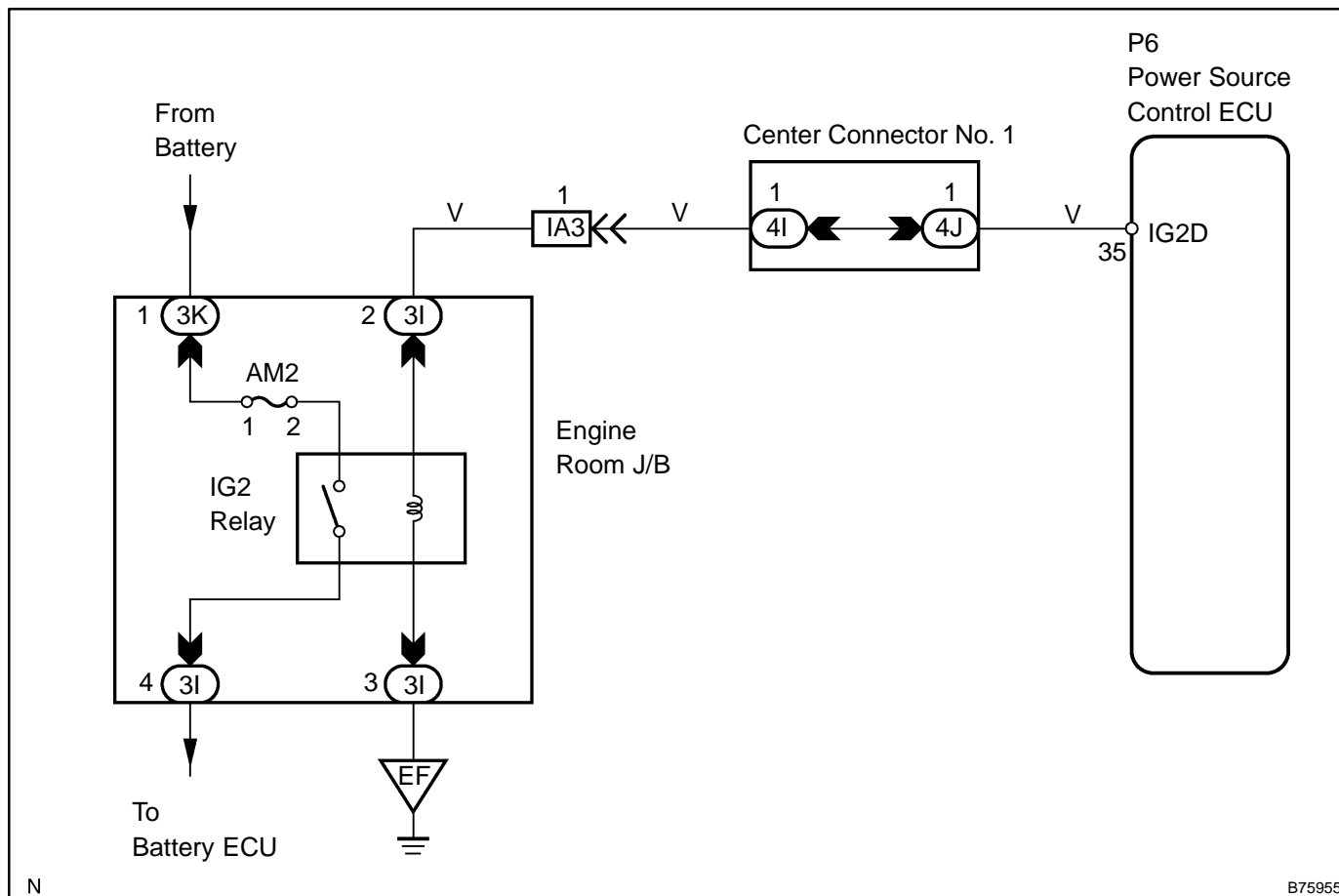
DTC	B2273	IGNITION 2 MONITOR MALFUNCTION
------------	--------------	---------------------------------------

CIRCUIT DESCRIPTION

This DTC is output when the IG output circuit from the inside of the power source control ECU to the IG2 relay is malfunctioning.

DTC No.	DTC Detection Condition	Trouble Area
B2273	IG2 relay actuation circuit inside power source control ECU or other related circuits is malfunctioning	<ul style="list-style-type: none"> • Power source control ECU • Wire harness

WIRING DIAGRAM



N

B75955

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
IG2 RELAY MON 2	States of the IG2 Inner Relay Monitor/ ON or OFF	ON: Power switch ON (IG) OFF: Power switch OFF	-

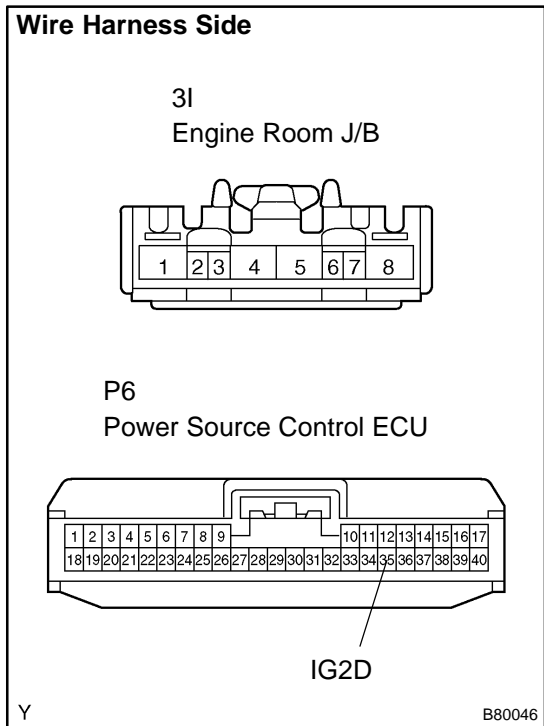
OK: "ON" (power switch ON (IG)) appears on the screen.

NG → Go to step 2

OK

REPLACE POWER SOURCE CONTROL ECU

2 CHECK WIRE HARNESS (ENGINE ROOM J/B - POWER SOURCE CONTROL ECU AND BODY GROUND)



- (a) Disconnect the 3I J/B connector.
- (b) Disconnect the P6 ECU connector.
- (c) Measure the resistance of the wire harness side connectors.

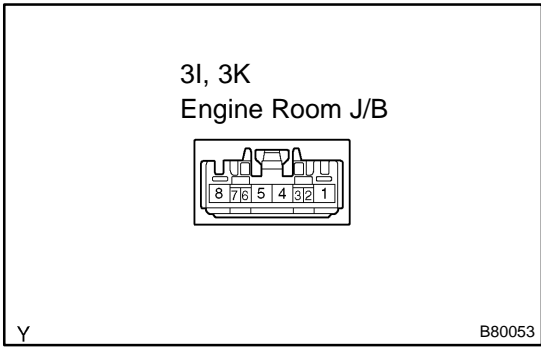
Standard:

Tester Connection	Specified Condition
3I-2 - P6-35 (IG2D)	Below 1 Ω
3I-3 - Body ground	Below 1 Ω

NG → REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 CHECK ENGINE ROOM J/B



(a) Measure the resistance.

Standard:

Tester Connection	Condition	Specified Condition
3K-1 - 3I-4	When battery voltage is not applied to terminals 3I-2 and 3I-3	10 kΩ or higher
3K-1 - 3I-4	When battery voltage is applied to terminals 3I-2 and 3I-3	Below 1 Ω

NG → **REPLACE ENGINE ROOM J/B**

OK

REPLACE POWER SOURCE CONTROL ECU