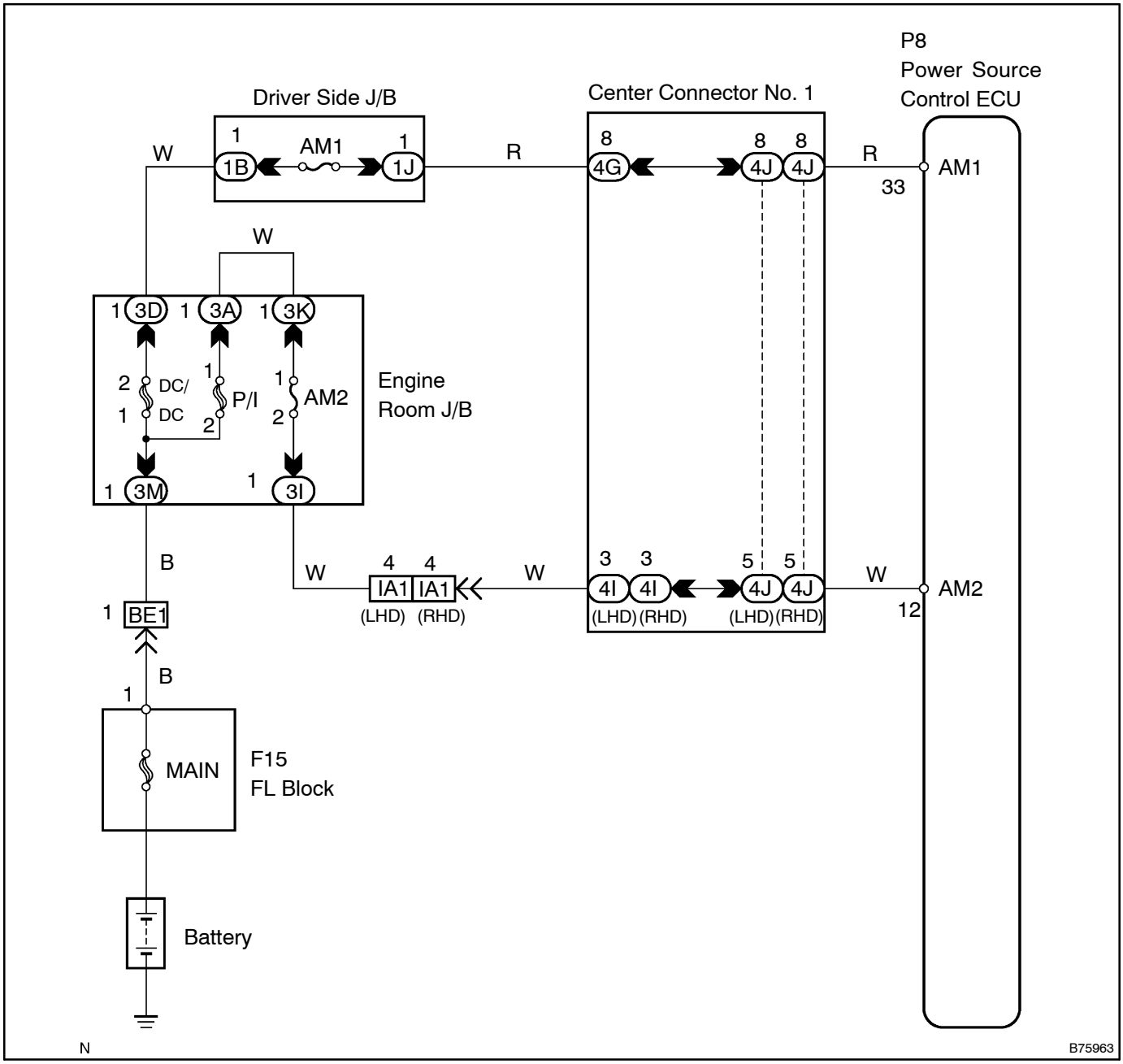
DTC B2271 IGNITION HOLD MONITOR MALFUNCTION

CIRCUIT DESCRIPTION

This DTC is output when the IG output circuits inside the power source control ECU are open or short.

DTC No.	DTC detecting condition	Trouble area
B2271	Hold circuit, IG1 relay actuation circuit or IG2 relay actuation circuit inside power source control ECU	• Power source control ECU • AM1 fuse • AM2 fuse • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FOR DTCS

(a) Delete the DTC (see page 05–2140).
(b) Check for DTCs again.
OK: No DTC is output.

NG → **Go to step 2**

OK

END

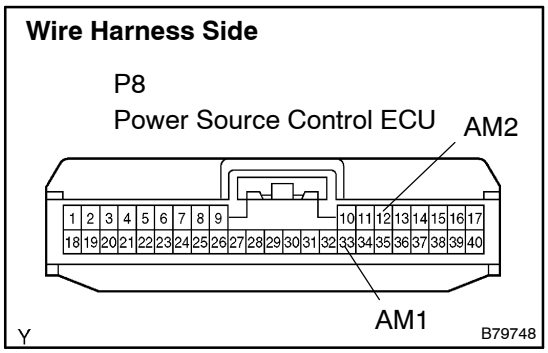
2	INSPECT FUSE (AM1, AM2)

(a) Remove the AM1 fuse from the driver side J/B.
(b) Remove the AM2 fuse from the engine room J/B.
(c) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

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



(a) Disconnect the P8 ECU connector.
(b) Measure the voltage of the wire harness side connector.
Standard:

Tester Connection	Specified Condition
P8–33 (AM1) – Body ground	10 to 14 V
P8–12 (AM2) – Body ground	10 to 14 V

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

OK

REPLACE POWER SOURCE CONTROL ECU