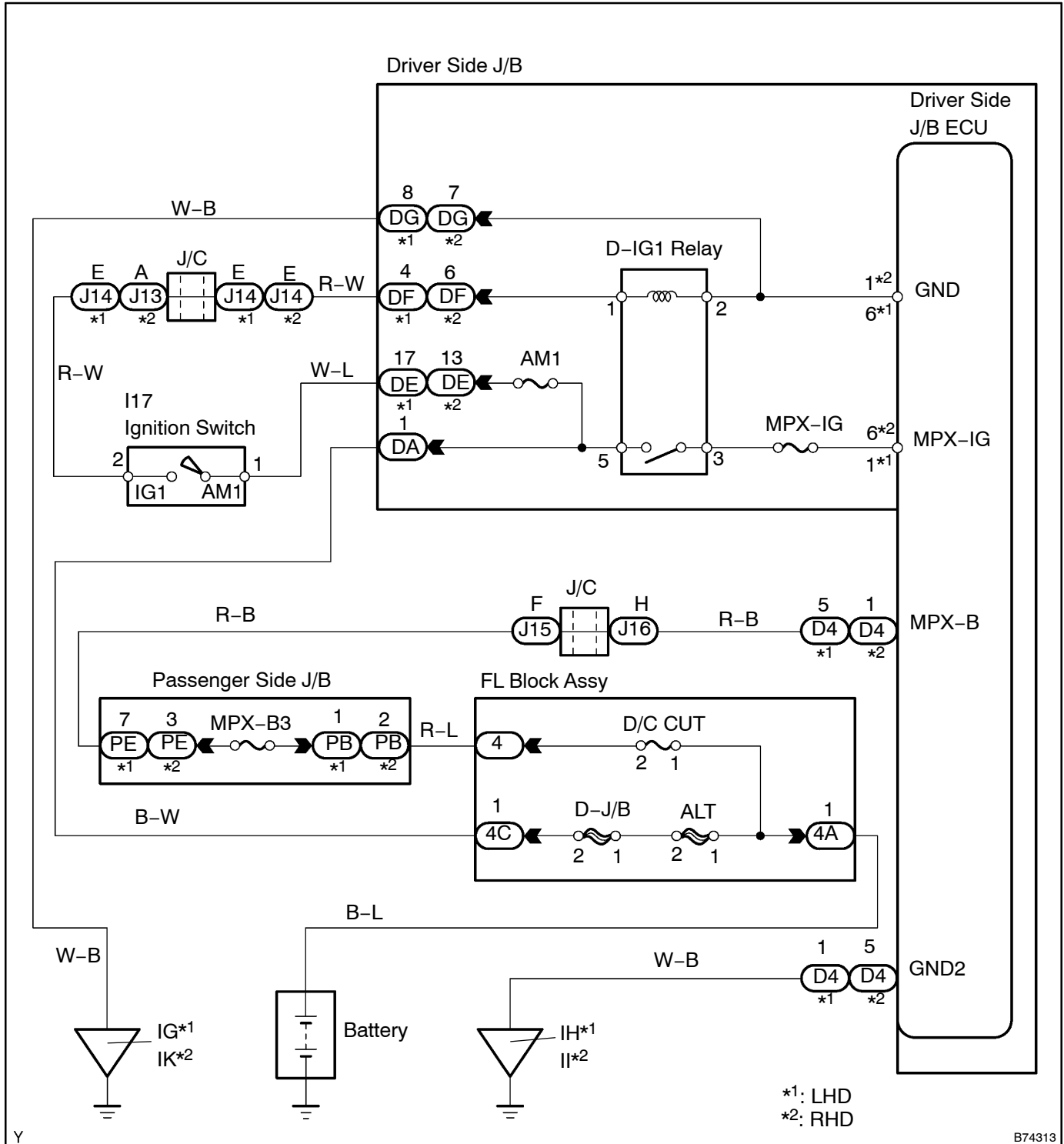


POWER SOURCE CIRCUIT (DRIVER SIDE J/B ECU)

CIRCUIT DESCRIPTION

This circuit provides power to operate the driver side J/B ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE (AM1, MPX-IG, MPX-B3, D/C CUT)

- Remove the AM1 and MPX-IG fuses from the driver side J/B.
- Remove the MPX-B3 fuse from the passenger side J/B.
- Remove the D/C CUT fuse from the FL block.
- Measure the resistance.

Standard: Below 1 Ω

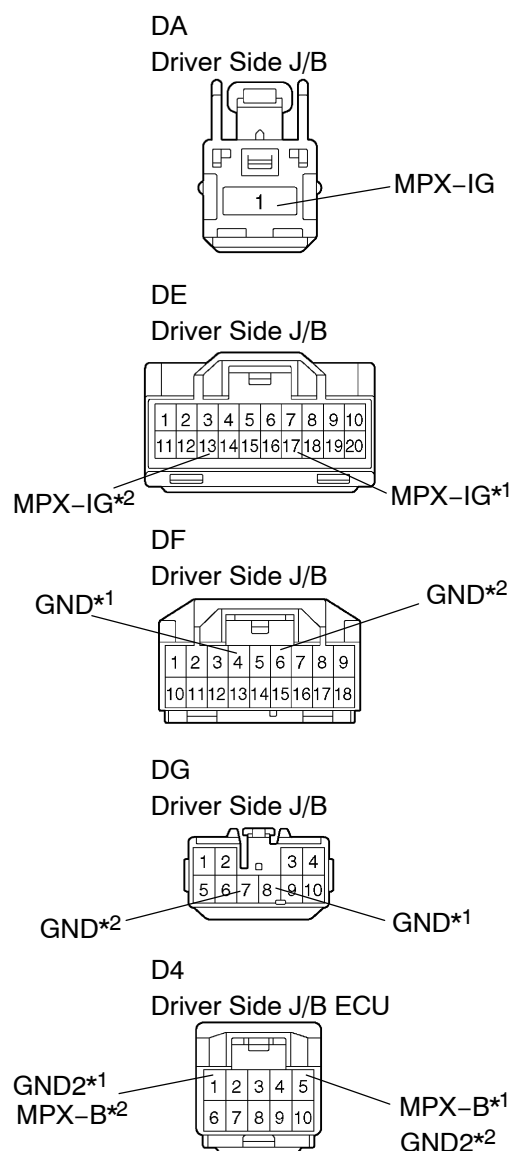
NG

REPLACE FUSE

OK

2 CHECK WIRE HARNESS (DRIVER SIDE J/B AND DRIVER SIDE J/B ECU - BODY GROUND)

Wire Harness Side



*1: LHD
Y *2: RHD

B74311

- Disconnect the DA, DE, DF, DG J/B and D4 ECU connectors.
- Measure the voltage and resistance of the wire harness side connectors.

Standard:

LHD models

Tester Connection	Condition	Specified Condition
DA-1 (MPX-IG) - Body ground	Constant	10 to 14 V
D4-5 (MPX-B) - Body ground	Constant	10 to 14 V
DG-8 (GND) - Body ground	Constant	Below 1 Ω
D4-1 (GND2) - Body ground	Constant	Below 1 Ω
DE-17 (MPX-IG - DF-4 (GND))	Ignition switch OFF → ON	10k Ω or higher → Below 1 Ω

RHD models

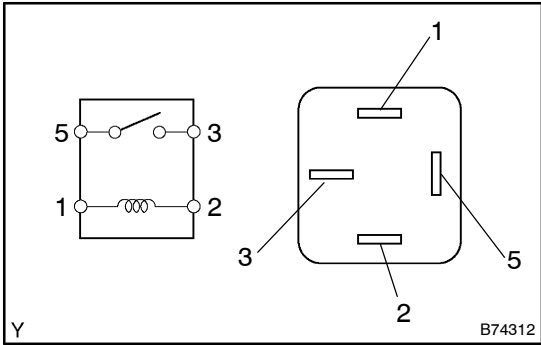
Tester Connection	Condition	Specified Condition
DA-1 (MPX-IG) - Body ground	Constant	10 to 14 V
D4-1 (MPX-B) - Body ground	Constant	10 to 14 V
DG-7 (GND) - Body ground	Constant	Below 1 Ω
D4-5 (GND2) - Body ground	Constant	Below 1 Ω
DE-13 (MPX-IG) - DF-4 (GND))	Ignition switch OFF → ON	10k Ω or higher → Below 1 Ω

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

3 INSPECT RELAY (D-IG1)



- (a) Remove the D-IG1 relay from the driver side J/B.
- (b) Check the resistance.

Standard:

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

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REPLACE RELAY

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05-2080)