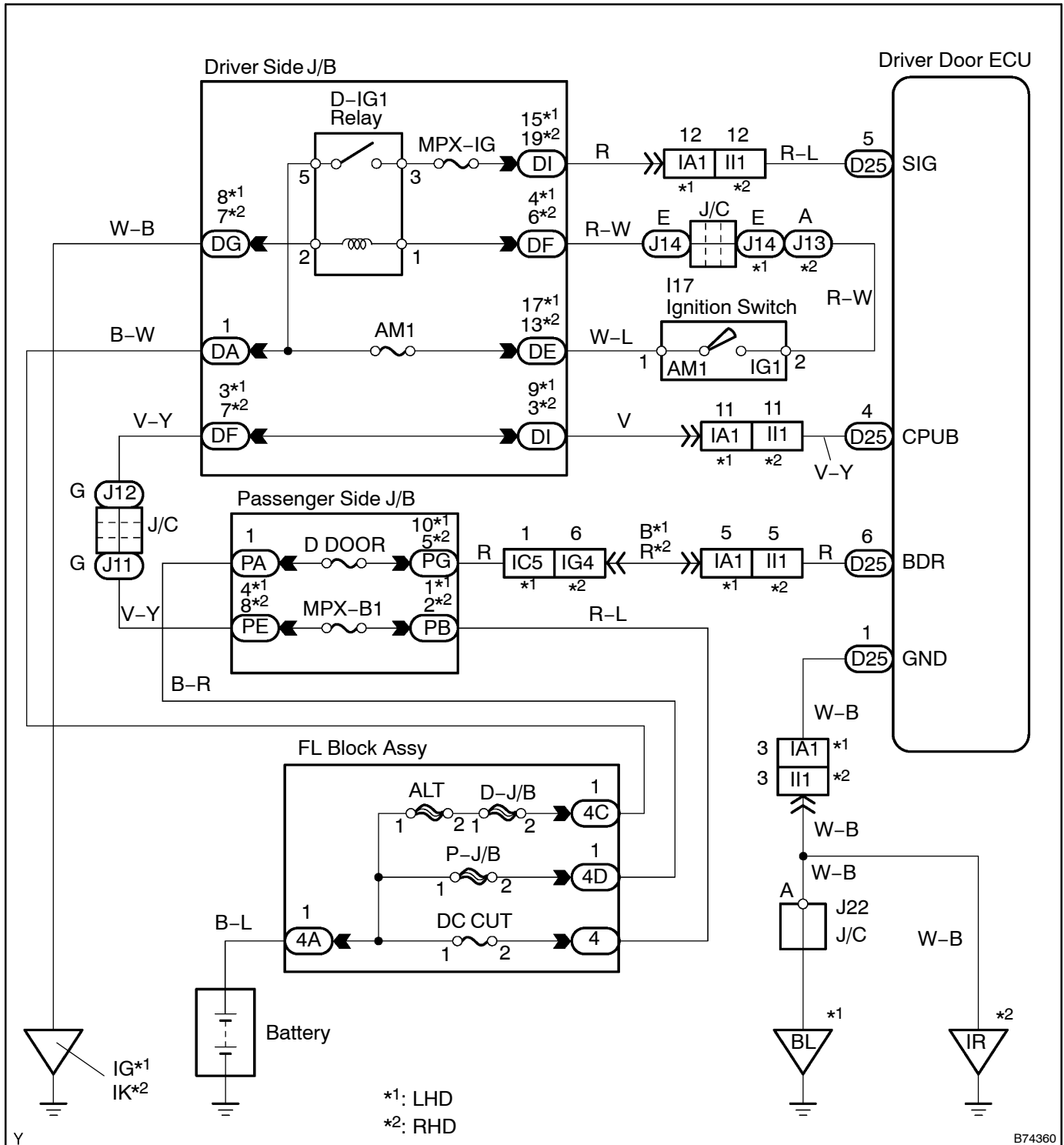


# DRIVER DOOR ECU POWER SOURCE CIRCUIT

## CIRCUIT DESCRIPTION

This circuit supplies power to operate the driver door ECU.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 INSPECT FUSE (MPX-IG, AM1, D DOOR, MPX-B1)

- Remove the MPX-IG and AM1 fuses from the driver side J/B.
- Remove the D DOOR and MPX-B1 fuses from the passenger side J/B.
- Measure the resistance.

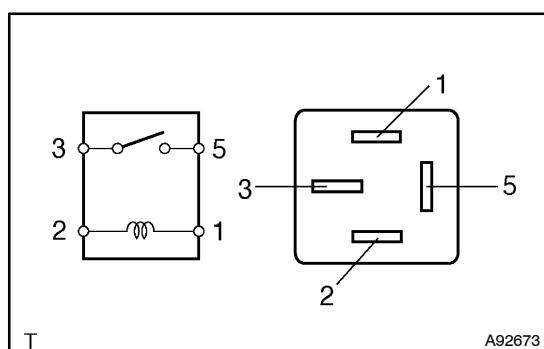
**Standard: Below 1  $\Omega$**

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REPLACE FUSE

OK

### 2 INSPECT RELAY (D-IG1)



- Remove the D-IG1 relay from the driver side J/B.
- Check the resistance.

**Standard:**

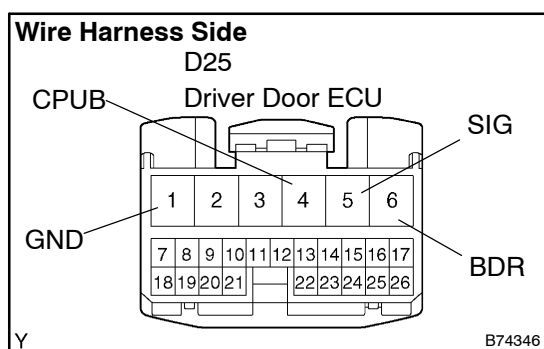
| Tester Connection | Specified Condition                                                        |
|-------------------|----------------------------------------------------------------------------|
| 3 - 5             | 10 k $\Omega$ or higher                                                    |
| 3 - 5             | Below 1 $\Omega$<br>(when battery voltage is applied to terminals 1 and 2) |

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REPLACE RELAY

OK

### 3 CHECK WIRE HARNESS (DRIVER DOOR ECU - BODY GROUND)



- Disconnect the D25 ECU connector.
- Measure the voltage and resistance of the wire harness side connector.

**Standard:**

| Tester Connection             | Condition          | Specified Condition |
|-------------------------------|--------------------|---------------------|
| D25-4 (CPUB) -<br>Body ground | Constant           | 10 to 14 V          |
| D25-6 (BDR) -<br>Body ground  | Constant           | 10 to 14 V          |
| D25-1 (GND) -<br>Body ground  | Constant           | Below 1 $\Omega$    |
| D25-5 (SIG) -<br>Body ground  | Ignition switch ON | 10 to 14 V          |

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-1289)