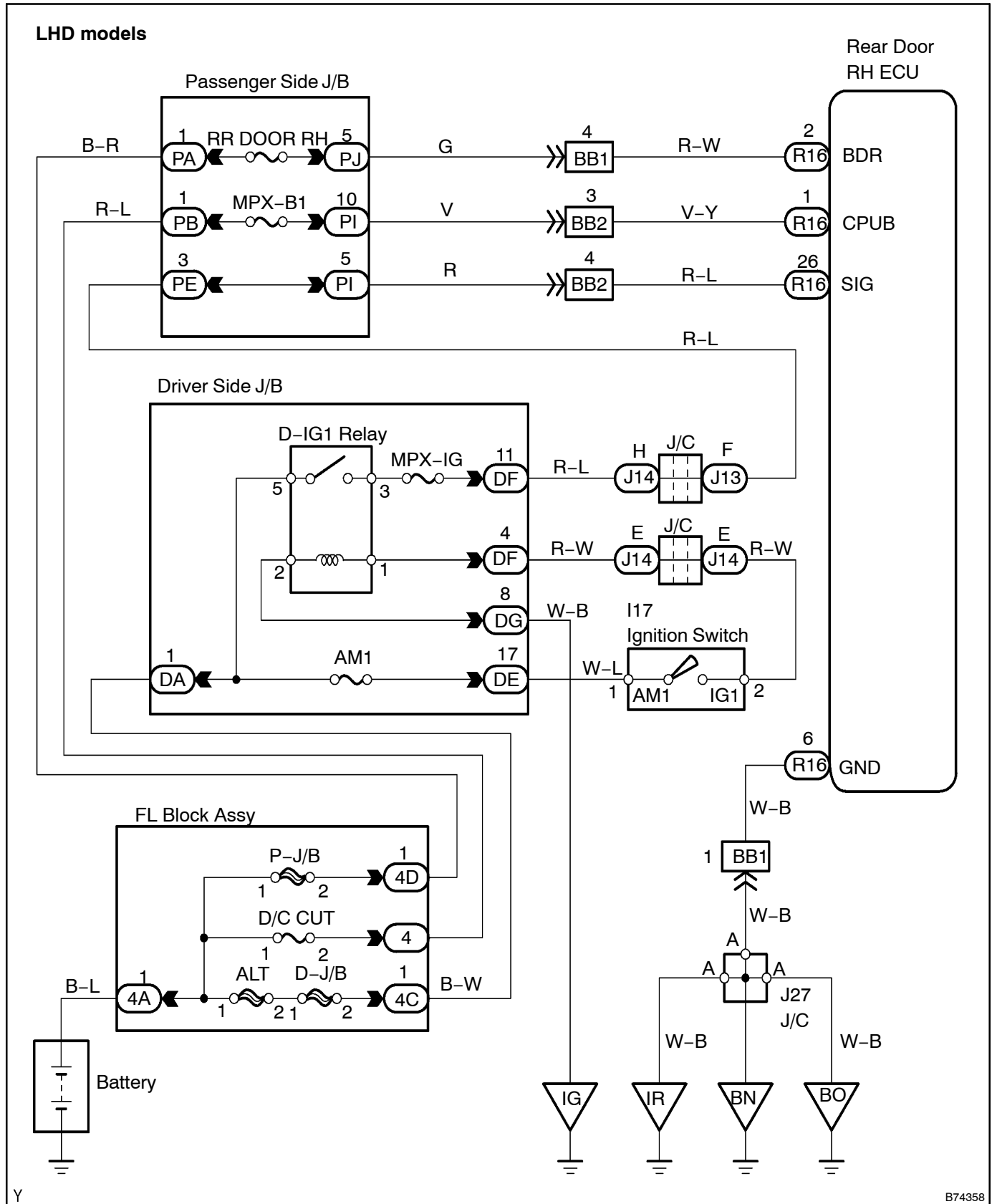


## REAR DOOR RH ECU POWER SOURCE CIRCUIT

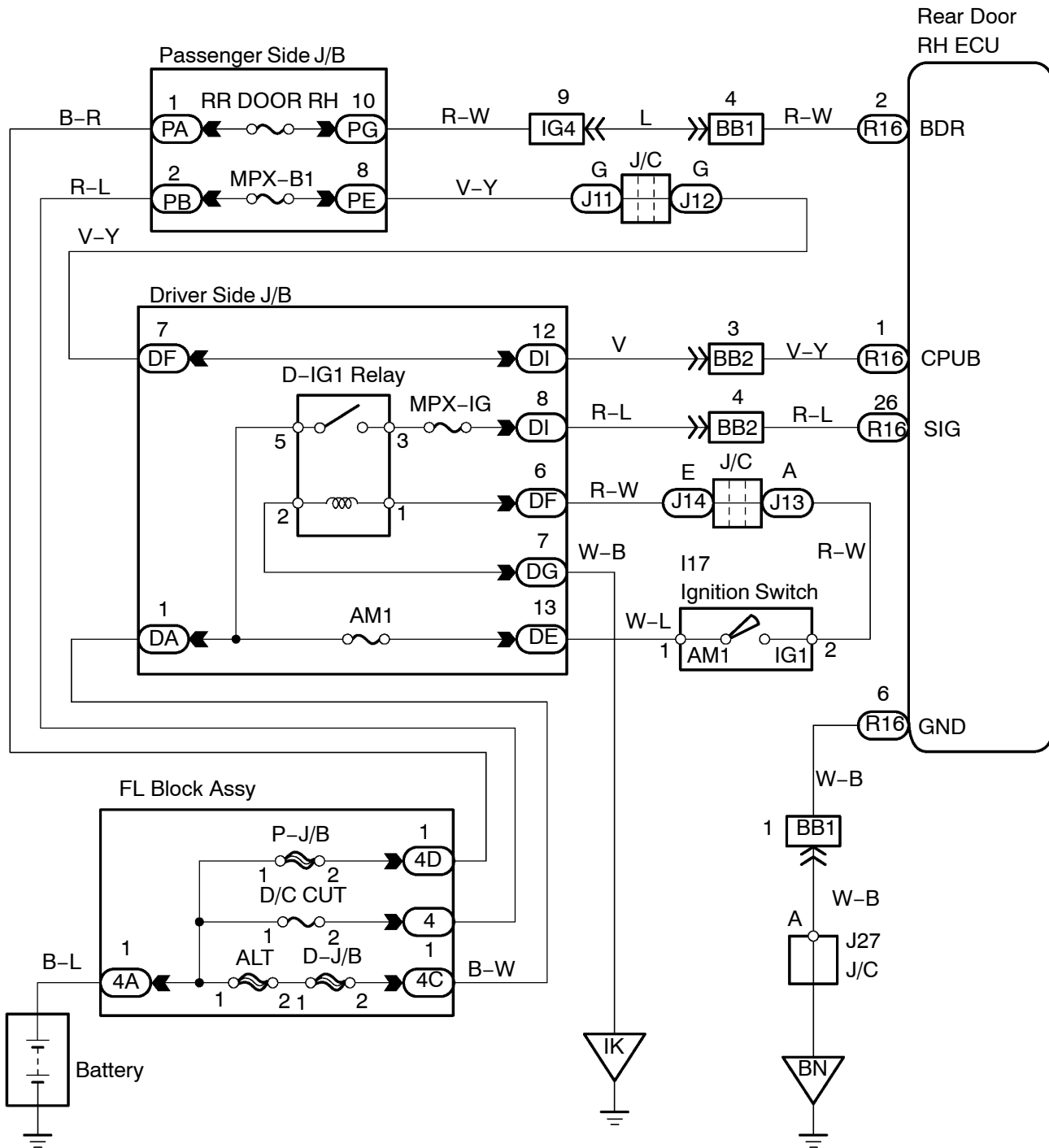
### CIRCUIT DESCRIPTION

This circuit supplies power to operate the rear right door ECU.

## WIRING DIAGRAM



## RHD models



## INSPECTION PROCEDURE

**1 CHECK FUSE (RR DOOR RH, MPX-B1, MPX-IG, AM1)**

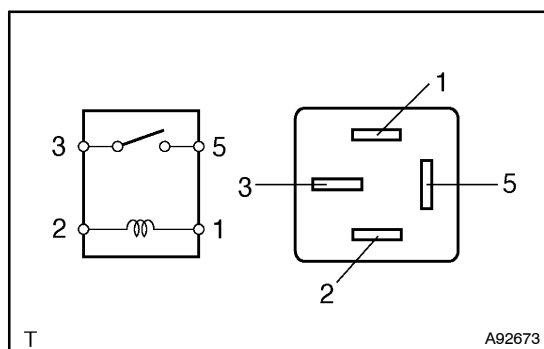
- (a) Remove the RR DOOR RH and MPX-B1 fuses from the passenger side J/B.  
 (b) Remove the MPX-IG and AM1 fuses from the driver side J/B.  
 (c) Measure the resistance.

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

NG

REPLACE FUSE

OK

**2 INSPECT RELAY (D-IG1)**

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

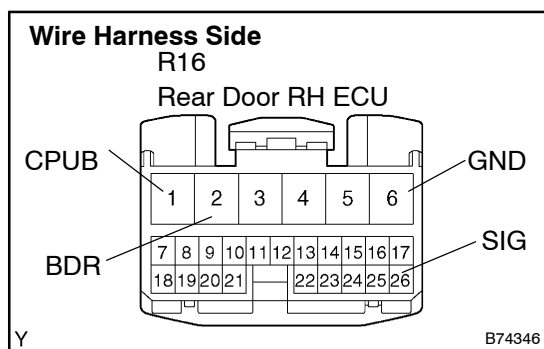
**Standard:**

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

NG

REPLACE RELAY

OK

**3 CHECK WIRE HARNESS (REAR DOOR RH ECU – BODY GROUND)**

- (a) Disconnect the R16 ECU connector.  
 (b) Measure the voltage and resistance between the wire harness side connector and body ground.

**Standard:**

| Tester Connection             | Condition          | Specified Condition |
|-------------------------------|--------------------|---------------------|
| R16-1 (CPUB)<br>– Body ground | Constant           | 10 to 14 V          |
| R16-2 (BDR)<br>– Body ground  | Constant           | 10 to 14 V          |
| R16-6 (GND)<br>– Body ground  | Constant           | Below 1 $\Omega$    |
| R16-26 (SIG)<br>– Body ground | Ignition switch ON | 19 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 05-2703)