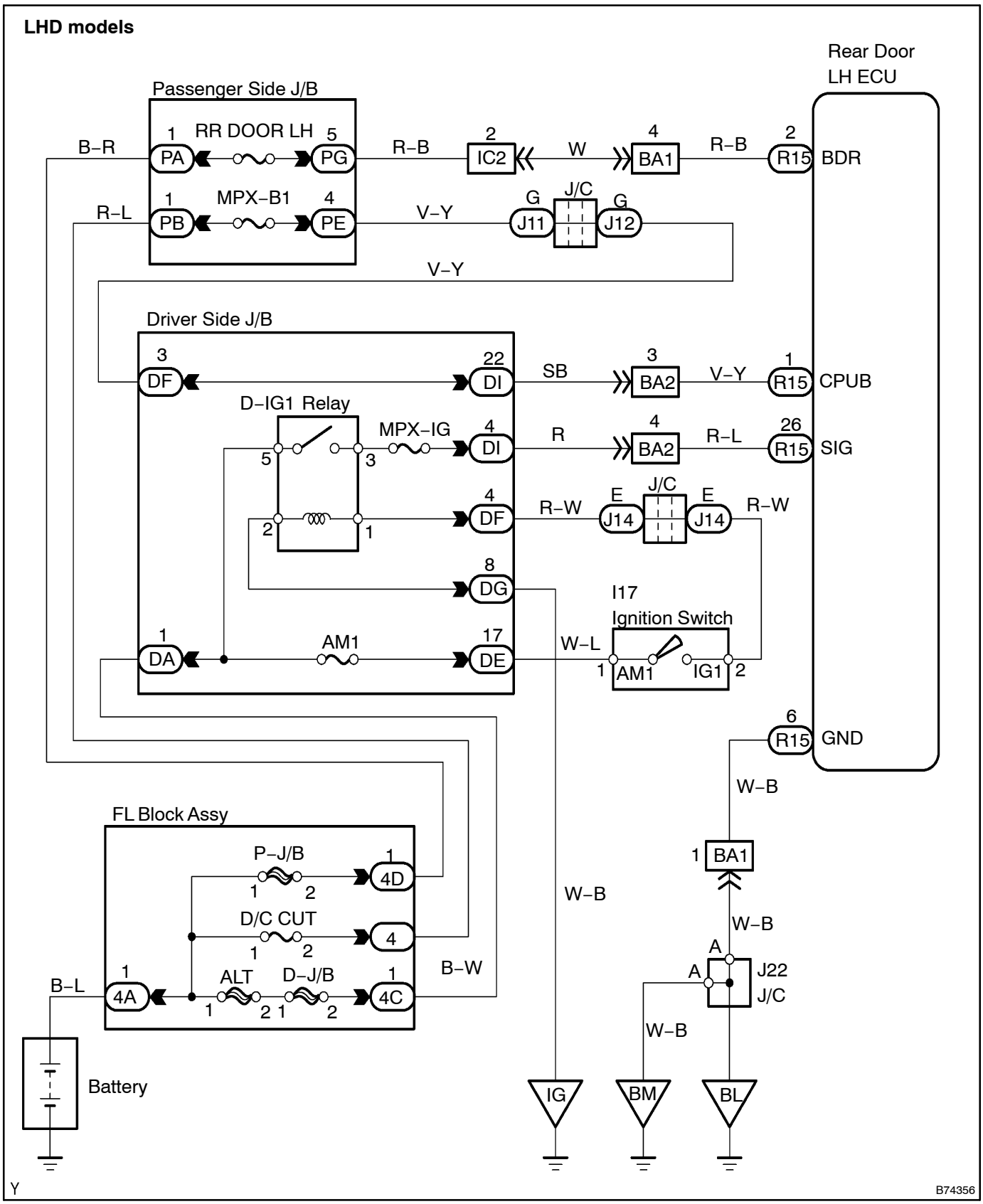
REAR DOOR LH ECU POWER SOURCE CIRCUIT

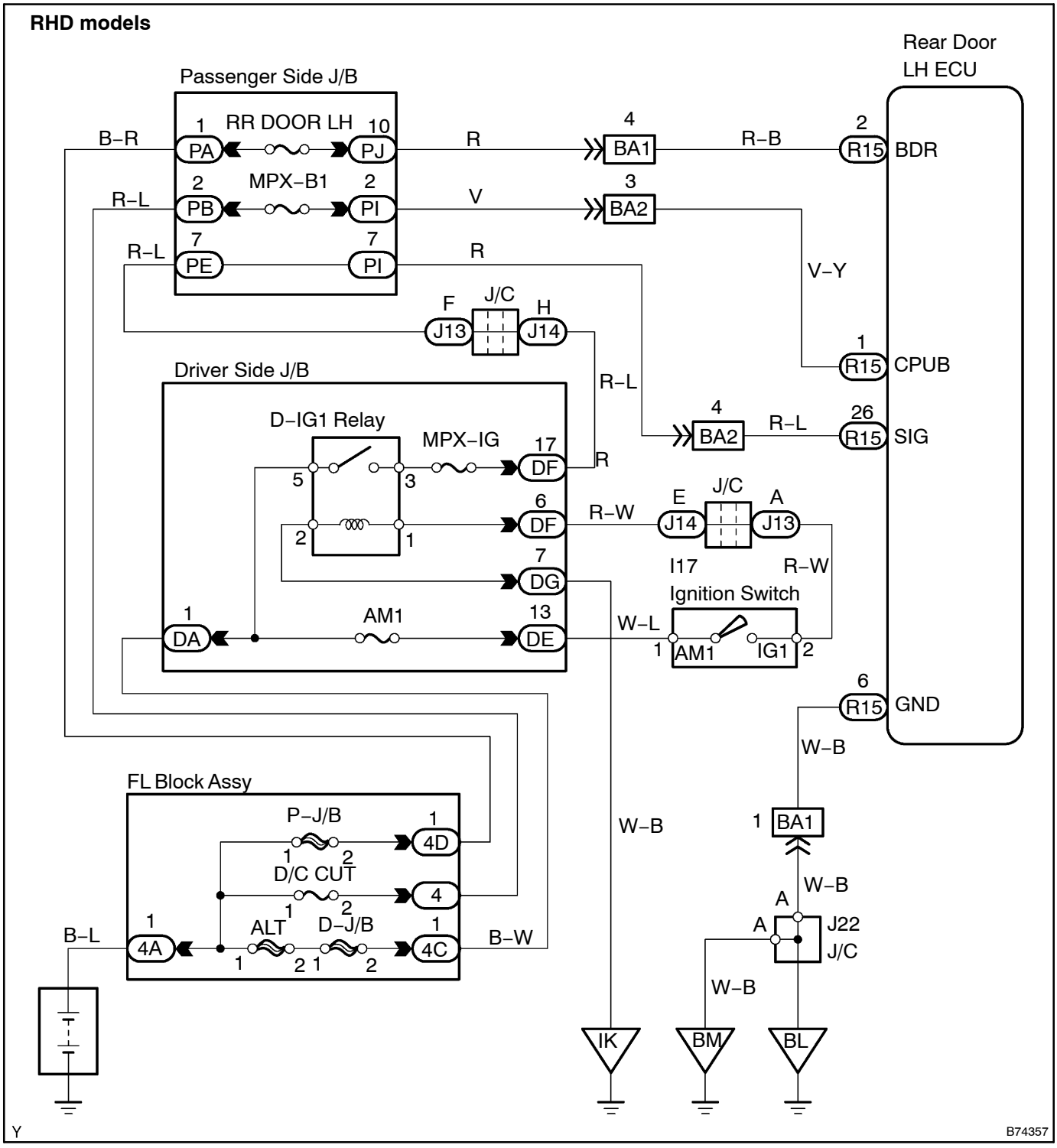
CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



RHD models


Rear Door LH ECU
Passenger Side J/B
RR DOOR LH
MPX–B1
B–R
R–L
R–L
R
V
R
V–Y
R–L
R–B
BDR
CPUB
SIG
GND
F J/C H
J13
J14
Driver Side J/B
D–IG1 Relay
MPX–IG
AM1
R
R–W
R–L
W–L
I17
R–W
Ignition Switch
AM1
IG1
W–B
FL Block Assy
P–J/B
D/C CUT
ALT
D–J/B
B–L
B–W
W–B
W–B
W–B
J22
J/C
IK
BM
BL
Y
B74357

INSPECTION PROCEDURE

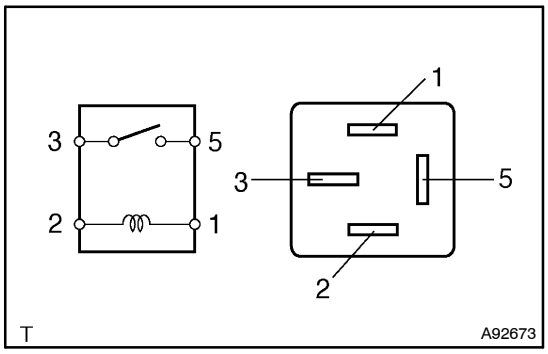
1 CHECK FUSE (RR DOOR LH, MPX–B1, MPX–IG, AM1)

(a) Remove the RR DOOR LH 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 Ω

NG → REPLACE FUSE

OK

2 INSPECT RELAY (D–IG1)



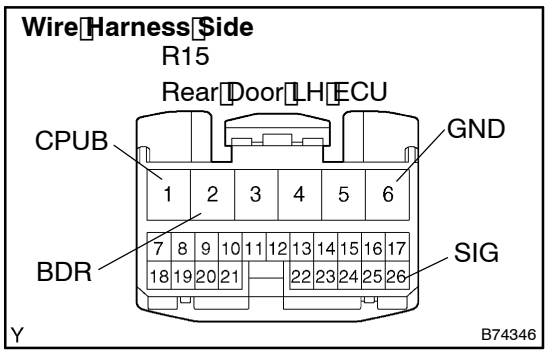
(a) Remove the D–IG1 relay from the driver side J/B.
(b) Check the resistance.
Standard:

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

NG → REPLACE RELAY

OK

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



(a) Disconnect the R15 ECU connector.
(b) Measure the voltage and resistance of the wire harness side connector.
Standard:

Tester Connection	Condition	Specified Condition
R15–1 (CPUB) – Body ground	Constant	10 to 14 V
R15–2 (BDR) – Body ground	Constant	10 to 14 V
R15–6 (GND) – Body ground	Constant	Below 1 Ω
R15–26 (SIG) – Body ground	Ignition switch ON	10 to 14 V

NG → REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05–2703)