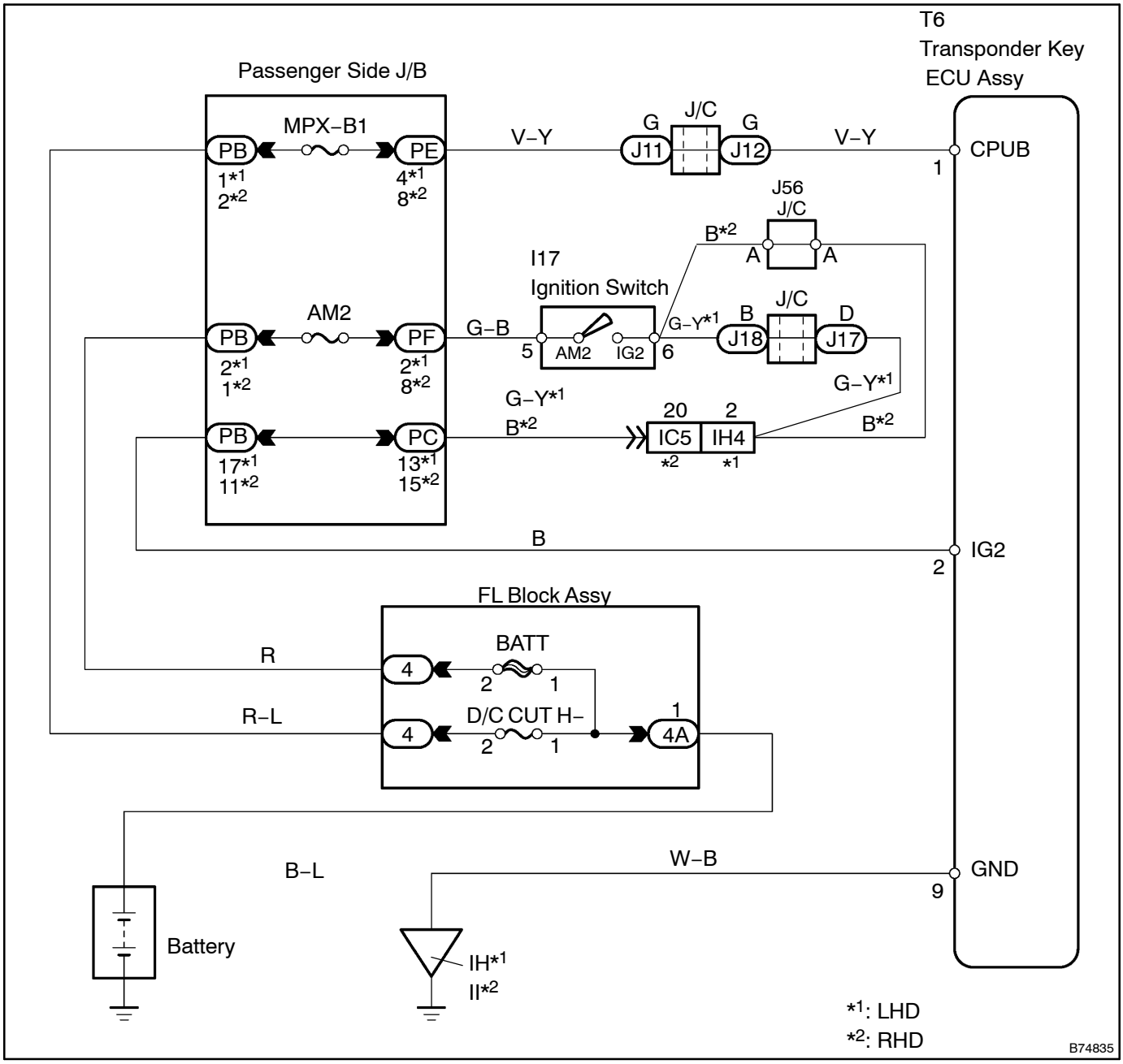
ECU POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This circuit provides power to operate the transponder key ECU assy.

WIRING DIAGRAM



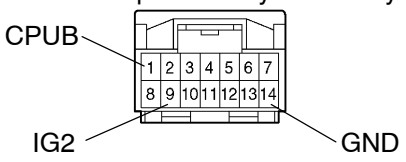
1	INSPECT FUSE (MPX–B1, AM2, D/C CUT H–)

(a) Remove the MPX–B1 and AM2 fuses from the passenger side J/B.
(b) Remove the D/C CUT H–fuse from the FL block.
(c) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

2	CHECK WIRE HARNESS (TRANSPONDER KEY ECU ASSY – BODY GROUND)



(a) Disconnect the T9 ECU connector.
(b) Measure the resistance and voltage between the wire harness side connector and body ground.
Standard:

Tester Connection	Condition	Specified Condition
T9–1 (CPUB) – Body ground	Constant	10 to 14 V
T9–2 (IG2) – Body ground	Ignition switch OFF → ON	0 V → 10 to 14 V
T9–14 (GND) – Body ground	Constant	Below 1 Ω

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

OK

REPLACE TRANSPONDER KEY ECU ASSY