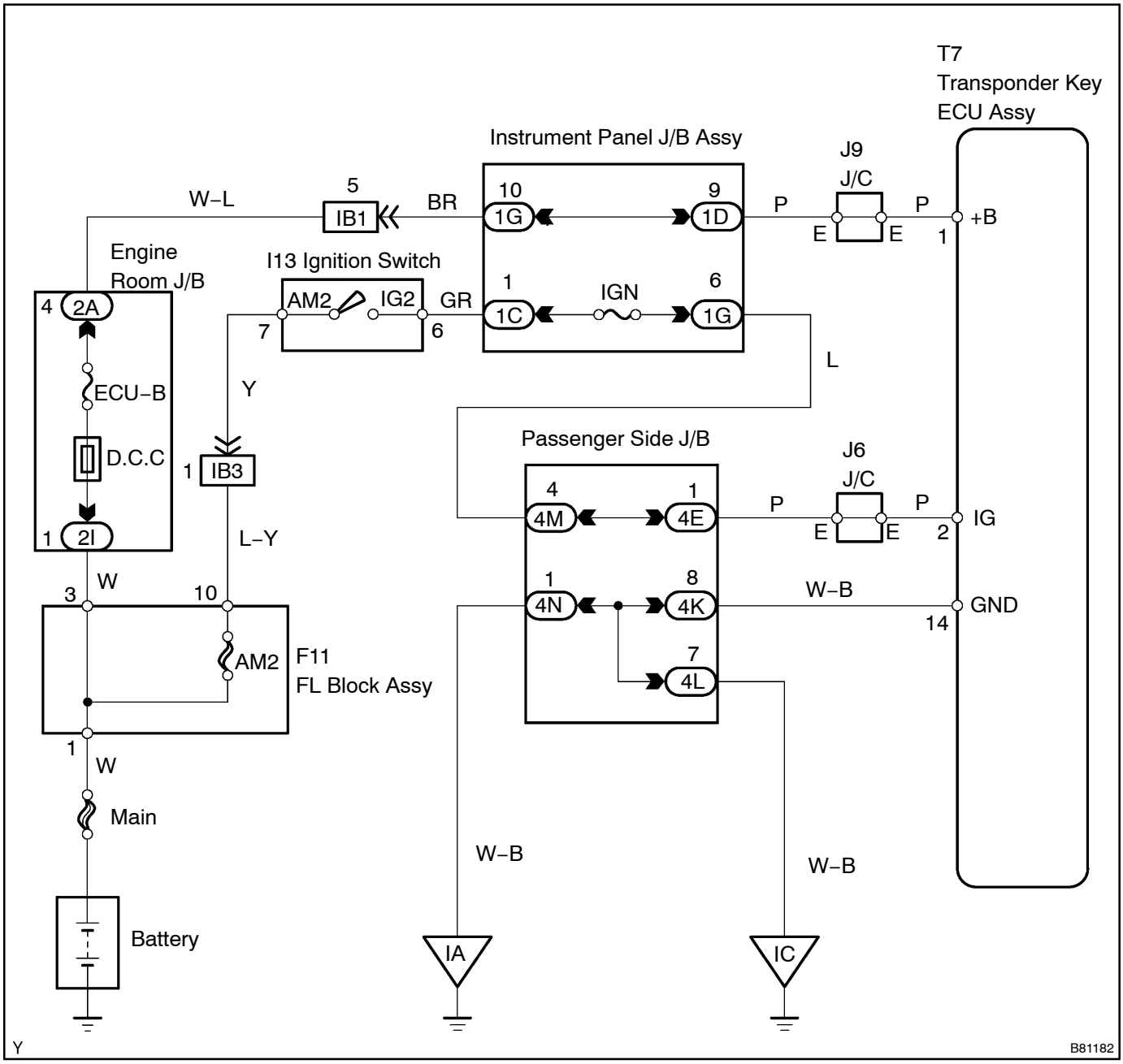
ECU POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This circuit provides power to operate the transponder key ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

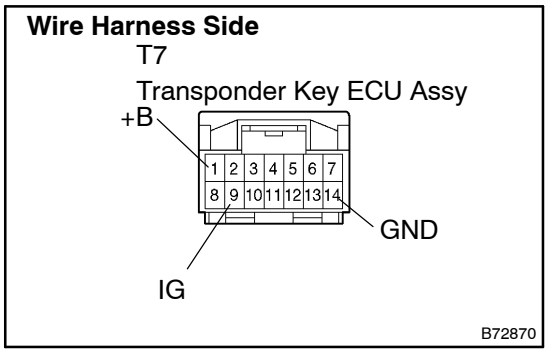
1	INSPECT FUSE (IGN, ECU–B)

(a) Remove the IGN fuse from the instrument panel J/B.
(b) Remove the ECU–B fuse from the engine room J/B.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

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



(a) Disconnect the T7 ECU connector.
(b) Check the resistance and voltage of the wire harness connector.
Standard:

Tester Connection	Condition	Specified Condition
T7–1 (+B) – Body ground	Constant	10 to 14 V
T7–2 (IG) – Body ground	Ignition switch OFF → ON	0 V → 10 to 14 V
T7–14 (GND) – Body ground	Constant	Below 1 Ω

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

OK

REPLACE TRANSPONDER KEY ECU ASSY