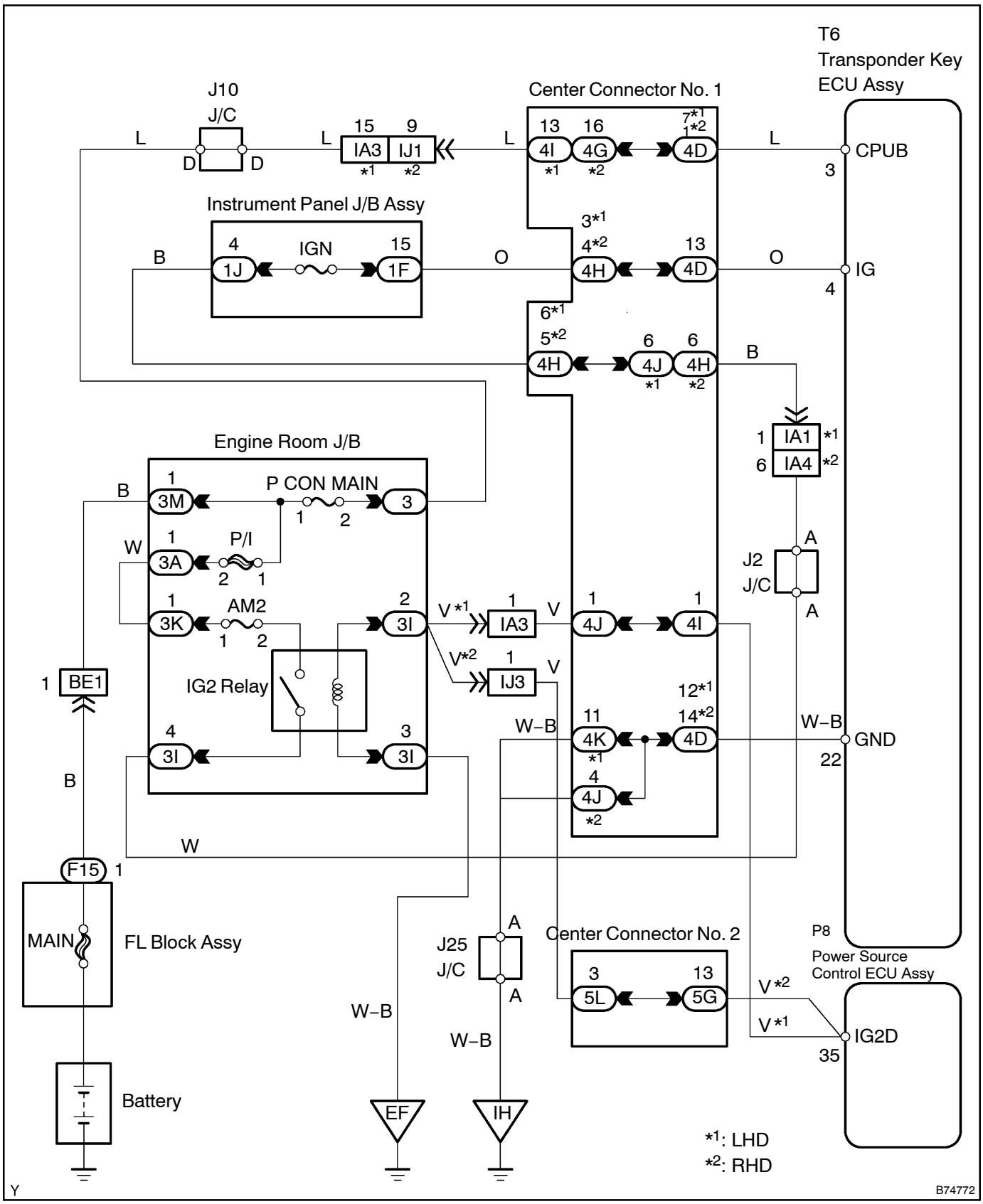
POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT FUSE (IGN, P CON MAIN, AM2)

(a) Remove the IGN fuse from the instrument panel J/B assy.
(b) Remove the P CON MAIN and AM2 fuses from the engine room J/B.
(c) Measure the resistance.
Standard: Below 1 Ω

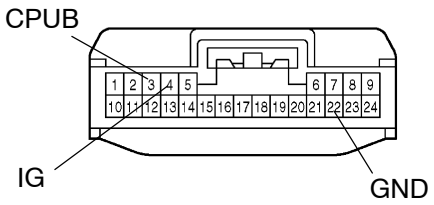
NG → **REPLACE FUSE**

OK

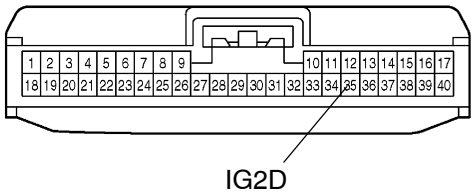
2	CHECK WIRE HARNESS (TRANSPONDER KEY ECU ASSY – POWER SOURCE CONTROL ECU ASSY AND BODY GROUND)

Wire Harness Side

T6
Transponder Key ECU Assy



P8
Power Source Control ECU Assy



Y B74763

(a) Disconnect the T6 and P8 ECU connector.
(b) Measure the resistance and voltage of the wire harness side connectors.
Standard:

Tester Connection	Condition	Specified Condition
T6– 4 (IG) – Body ground	Power switch OFF → ON (IG)	0 V → 10 to 14 V
P8–35 (IG2D) – Body ground	Constant	Below 1 Ω
T6– 3 (CPUB) – Body ground	Constant	10 to 14 V
T6– 22 (GND) – Body ground	Constant	Below 1 Ω

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

OK

PROCEED TO PUSH BUTTON START SYSTEM (See page 05–2121)