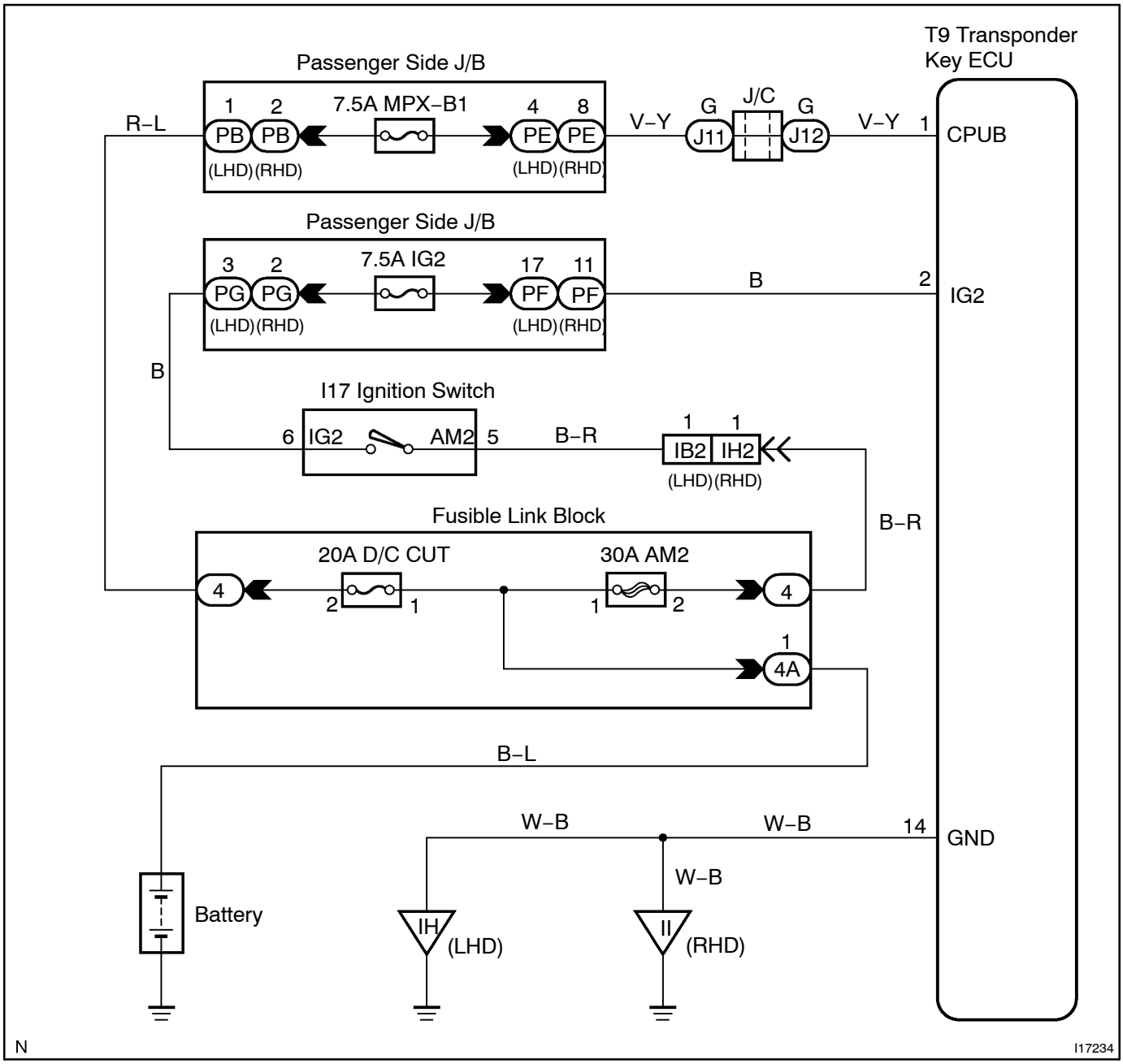
DI73P–02

Power source circuit

CIRCUIT DESCRIPTION

This circuit provides power to operate the Transponder Key ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check MPX–B1 and IG2 fuse.**

CHECK:
Check continuity of MPX–B1 and IG2.
OK:
Continuity

NG → **Replace the failure fuse.**

OK

2	**Check voltage between terminals IG, CPUB and GND of transponder key ECU connector.**

PREPARATION:
Turn the ignition switch ON.
CHECK:
Measure voltage between terminals IG and GND.
OK:
Voltage: 10 – 14 V
PREPARATION:
(a) Turn the ignition switch OFF.
(b) Disconnect the transponder key ECU connector.
CHECK:
Measure voltage between terminals CPUB and GND.
OK:
Voltage: 10 – 14 V

OK → **Proceed to next circuit inspection shown in problem symptoms table (See page DI–907).**

NG

3	Check wire harness and connector between transponder key ECU and body ground (see page IN–35).

NG → Repair or replace wire harness or connector.

OK →

Proceed to next circuit inspection shown on problem symptom table (See page DI–907).