DI8UE–01

Power Source Circuit

CIRCUIT DESCRIPTION

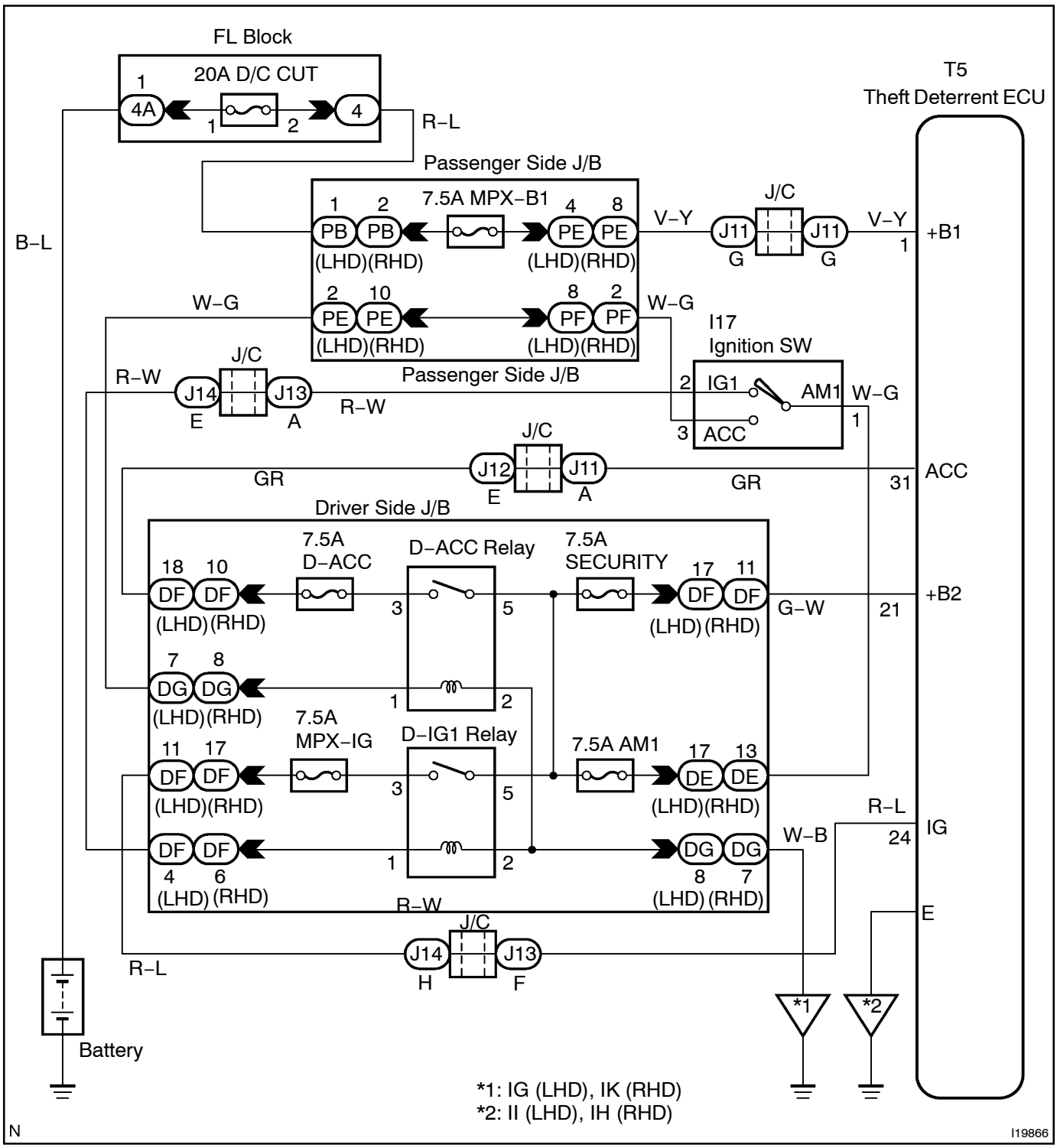
When the ignition switch is turned to the ACC position, battery positive voltage is applied to the terminal ACC of the ECU.

Also, if the ignition switch is turned to the ON position, battery positive voltage is applied to the terminals ACC and IG of the ECU.

When the battery positive voltage is applied to the terminal IG of the ECU while the theft deterrent system is activated, the warning stops.

Furthermore, power supplied from the terminals ACC and IG of the ECU is used as power for the door courtesy switch, position switch, etc.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check MPX–B1, SECURITY, MPX–IG and DACC fuse.**

CHECK:

Check continuity of MPX–B1, SECURITY, MPX–IG and DACC fuse.

OK:

Continuity

NG → **Replace the failure fuse.**

OK

2	**Check voltage between terminals +B1, +B2, ACC, IG+ and E of theft deterrent ECU connector.**

PREPARATION:

(a) Turn the ignition switch OFF.

(b) Disconnect the theft deterrent ECU connector.

CHECK:

Measure voltage between terminals +B1, +B2, and E.

OK:

Voltage: 10 – 14V

PREPARATION:

(a) Turn the ignition switch ON.

(b) Disconnect the theft deterrent ECU connector.

CHECK:

Measure voltage between terminals ACC, IG and E.

OK:

Voltage: 10 – 14V

OK → **Proceed to next circuit inspection shown on problem symptom table (See page DI–810).**

NG

3	Check wire harness and connector between theft deterrent ECU and body ground (See page IN–35).

NG → Repair or replace wire harness or connector.

OK →

Check and repair wire harness and connector between theft deterrnt ECU and battery.