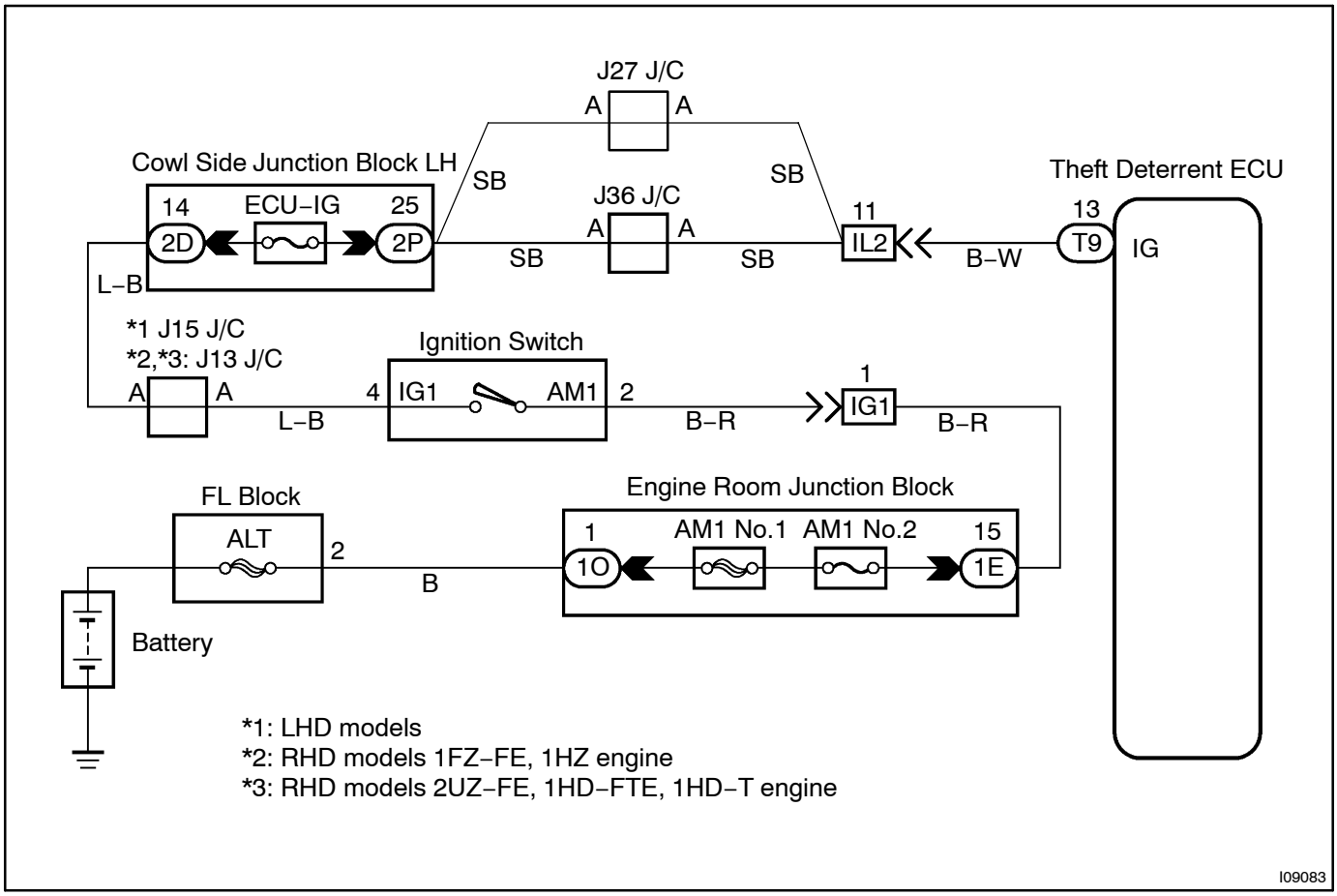
DI022–08

Ignition Switch Circuit

CIRCUIT DESCRIPTION

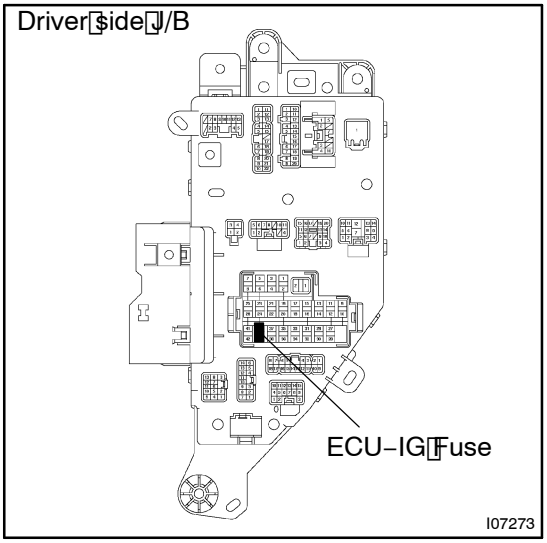
When the ignition switch is turned to the ACC position, battery positive voltage is applied to the terminal ACC of the ECU. Also, if the ignition switch is turned to the ON position, battery positive voltage is applied to the terminals ACC and IG of the ECU. When the battery positive voltage is applied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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check ECU–IG fuses.**

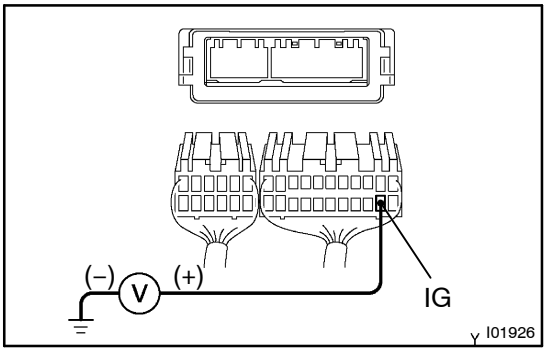


PREPARATION:
(a) Remove the fuse box opening cover.
(b) Remove ECU–IG fuses from driver side junction block.
CHECK:
Check continuity of and ECU–IG fuses.
OK:
Continuity

NG	**Check for short in all the harness and components connected to the and ECU–IG fuses (See attached wiring diagram).**

OK

2	**Check voltage between terminals IG of theft deterrent ECU and body ground.**



PREPARATION:
(a) Disconnect the theft deterrent ECU connectors.
(b) Turn ignition switch ON.
CHECK:
Measure voltage between terminals IG and ACC of theft deterrent ECU connector and body ground.
OK:
Voltage: 10 – 14 V

NG	**Check and repair harness and connector between theft deterrent ECU and battery (See page IN–35).**

OK

Check and replace theft deterrent ECU.