DI1AQ–10

CIRCUIT INSPECTION

DTC	B2785/99	IG Switch ON Malfunction

DTC	B2786/99	IG Switch OFF Malfunction

CIRCUIT DESCRIPTION

| DTC No.	DTC Detecting Condition	Trouble Area
B2785/99	• Short circuit in IG switch circuit • IG switch adheres to ON position	• IG switch • EFI Main Relay • Wire harness
B2786/99	• Open circuit in IG switch circuit • IG switch adheres to OFF position	

WIRING DIAGRAM

*1: LHD models
*2: RHD models
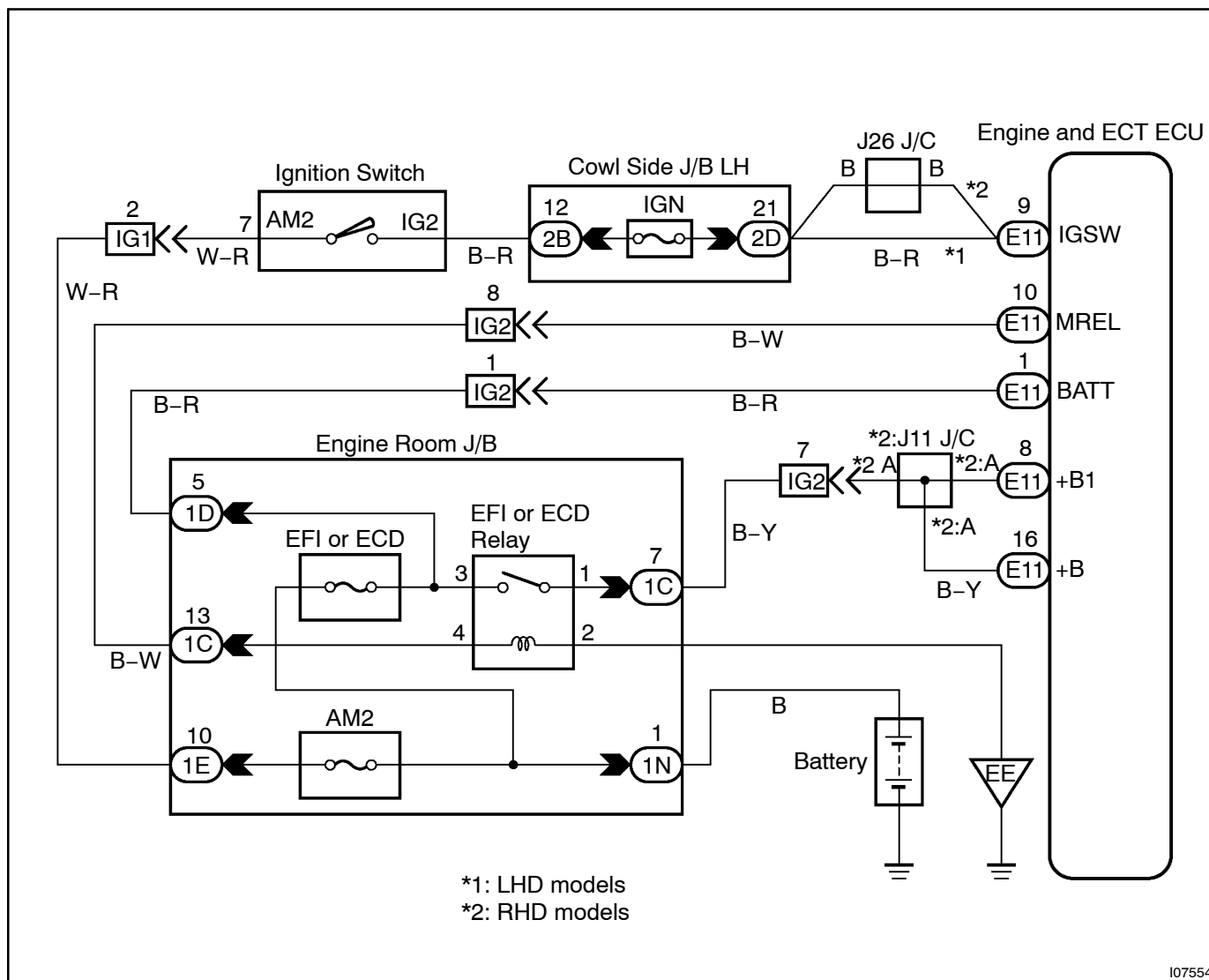
I07554

INSPECTION PROCEDURE

1	Check voltage between terminals + B and E1 of Engine and ECT ECU connectors.
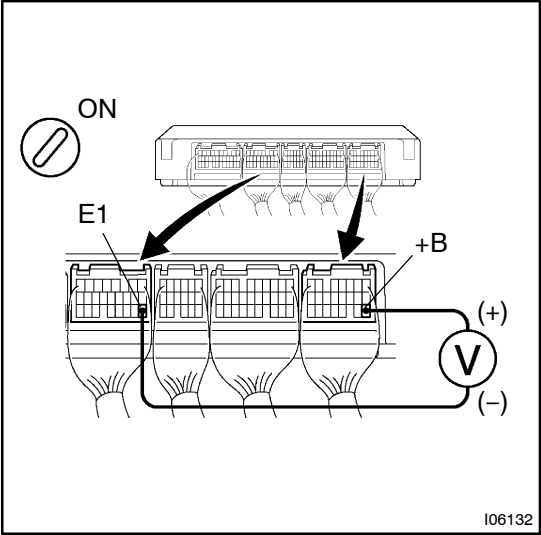
PREPARATION:
(a) Remove the glove compartment.
(b) Turn ignition switch ON.
CHECK:
Measure voltage between terminals + B and E1 of Engine and ECT ECU connectors.
OK:
   Voltage: 9 – 14 V

> **OK** Proceed to next circuit inspection shown in problem symptoms table (**See page DI–753**).

NG

2	Check for open in harness and connector between terminal E1 of Engine and ECT ECU and body ground (**See page IN–35**).

> **NG** Repair or replace harness or connector.

OK

3	Check EFI main relay (Marking: EFI).

> **NG** Replace EFI main relay.

OK

4	Check EFI fuse.

NG > Check for short in all the harness and components connected to EFI fuse.

OK

5	Check for open in harness and connector between EFI main relay (Marking : EFI) and battery, EFI main relay (Marking : EFI) and Engine and ECT ECU (**See page IN−35**).

NG > Repair or replace harness or connector.

OK

6	Check IGN fuse.

Driver Side J/B
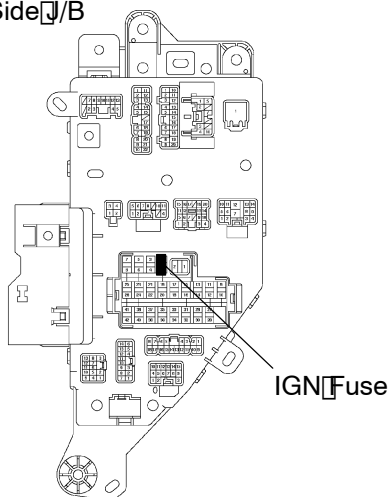
IGN Fuse

I07273

PREPARATION:
Remove the IGN fuse from the driver side J/B.
CHECK:
Check continuity of IGN fuse.
OK:

Continuity

NG > Check for short in all the harness and components connected to IGN fuse.

OK

7	Check ignition switch (See page BE−20).

NG ▷ Replace ignition switch.

OK

8	Check for open circuit in harness and connector between IG switch and EFI main relay, EFI main relay and body ground (See page IN−35).

NG ▷ Repair or replace wire harness and connector.

OK

Replace Engine and ECT ECU.