

CIRCUIT INSPECTION

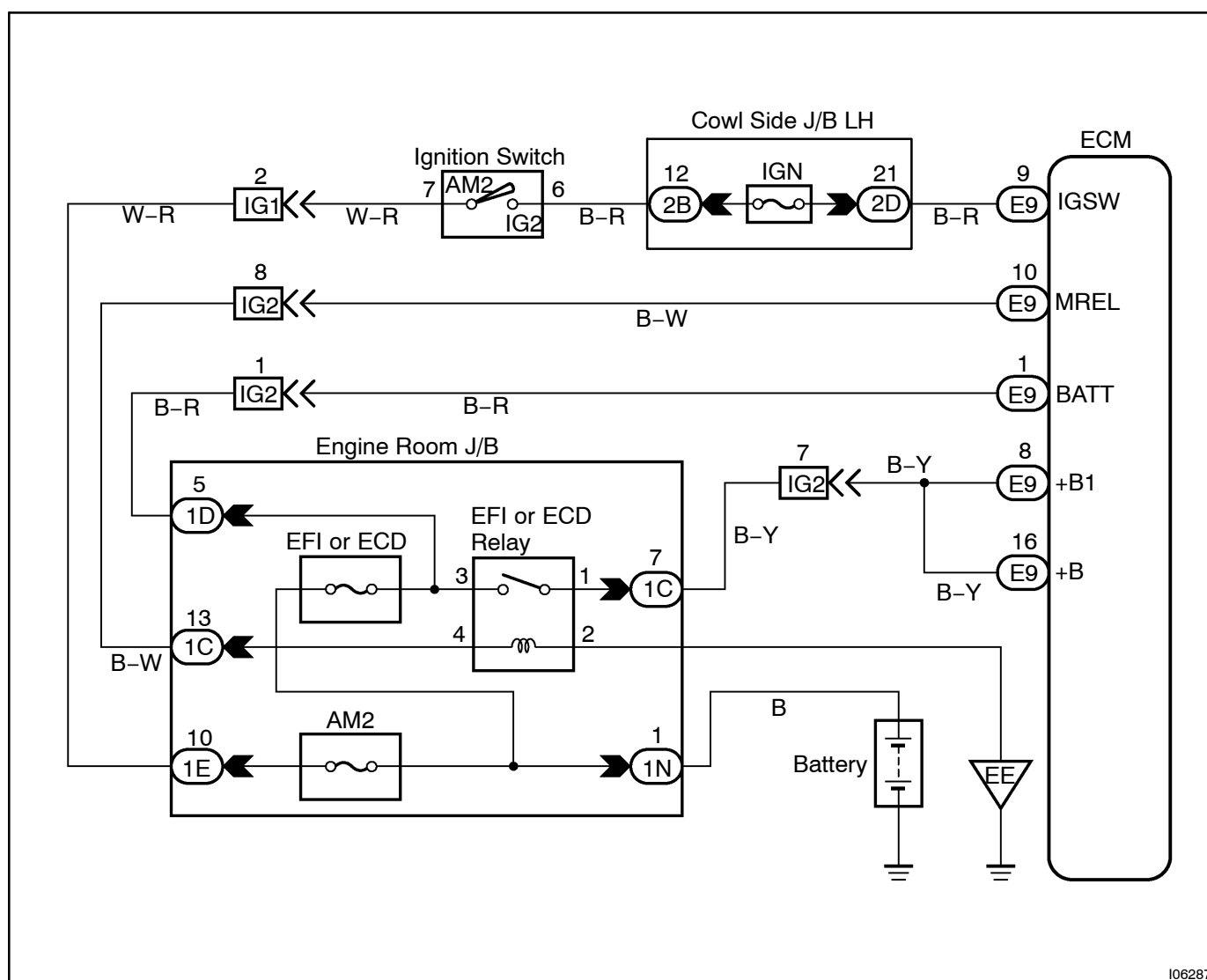
DTC	B2785/99	IG Switch ON Malfunction
------------	-----------------	---------------------------------

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	

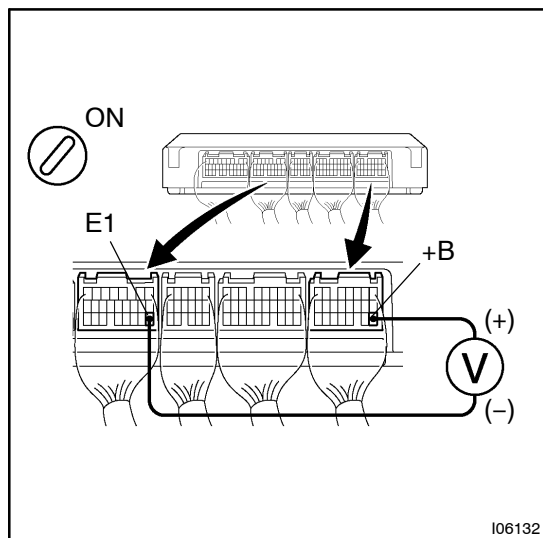
WIRING DIAGRAM



I06287

INSPECTION PROCEDURE

- | | |
|---|---|
| 1 | Check voltage between terminals + B and E1 of ECM connectors. |
|---|---|

**PREPARATION:**

- (a) Remove the glove compartment.
- (b) Turn ignition switch ON.

CHECK:

Measure voltage between terminals + B and E1 of ECM connectors.

OK:

Voltage: 9 ~ 14 V

OK

Proceed to next circuit inspection shown in problem symptoms table (See page [DI-674](#)).

NG

- | | |
|---|---|
| 2 | Check for open in harness and connector between terminal E1 of ECM and body ground (See page IN-34). |
|---|---|

NG

Repair or replace harness or connector.

OK

- | | |
|---|--|
| 3 | Check EFI main relay (Marking: EFI).
(See page SF-45). |
|---|--|

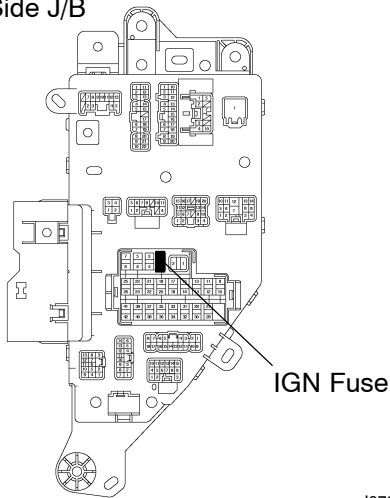
NG

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 ECM (See page [IN-34](#)).****NG****Repair or replace harness or connector.****OK****6 Check IGN fuse.**

Driver Side J/B



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-26).
---	--

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-34).
---	---

NG

Repair or replace wire harness and connector.

OK

Replace ECM.