

CIRCUIT INSPECTION

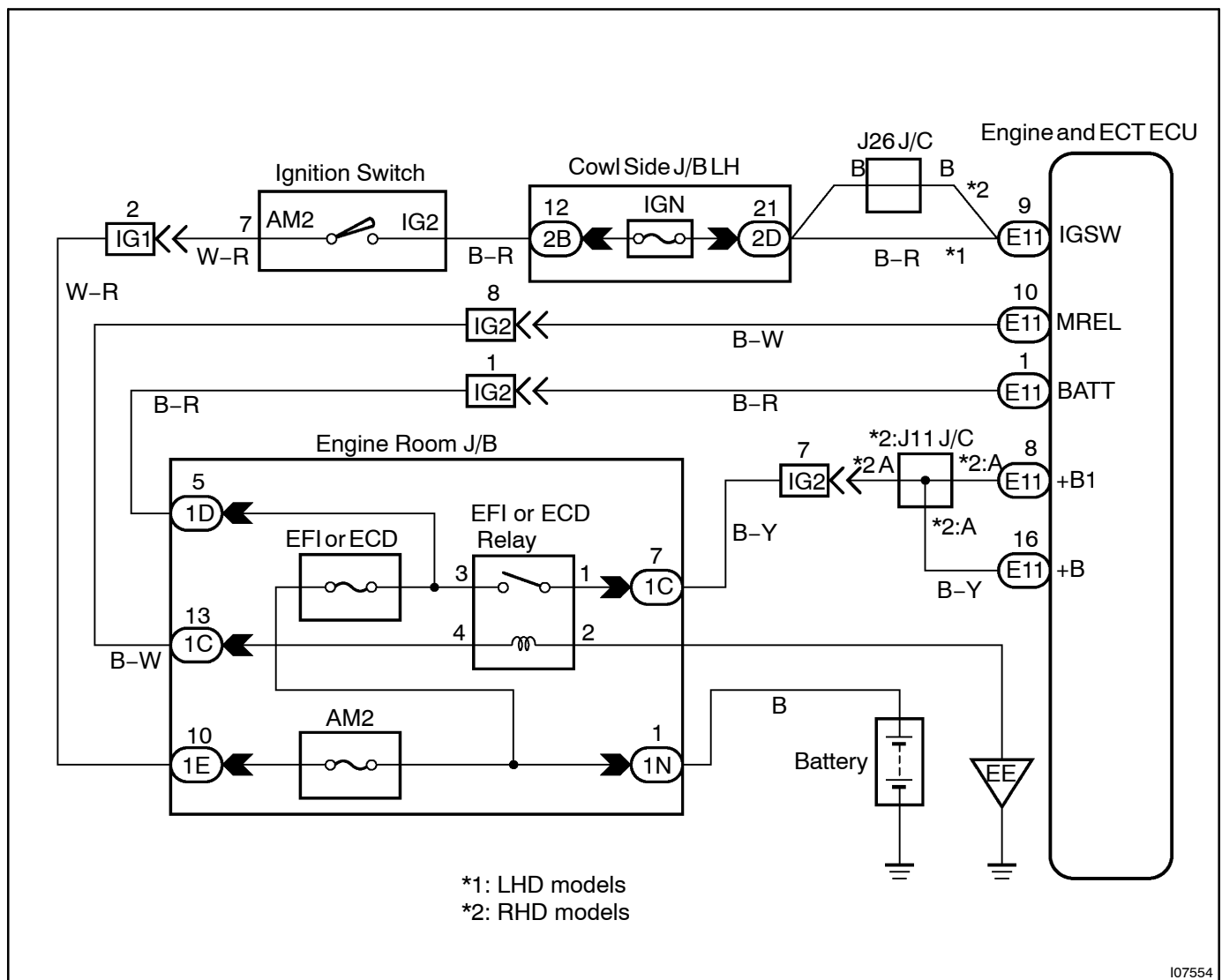
DTC	B2785/99	IG Switch ON Malfunction
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DTC	B2786/99	IG Switch OFF Malfunction
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
B2785/99	<ul style="list-style-type: none"> • Short circuit in IG switch circuit • IG switch adheres to ON position 	<ul style="list-style-type: none"> • IG switch • EFI Main Relay • Wire harness
B2786/99	<ul style="list-style-type: none"> • Open circuit in IG switch circuit • IG switch adheres to OFF position 	

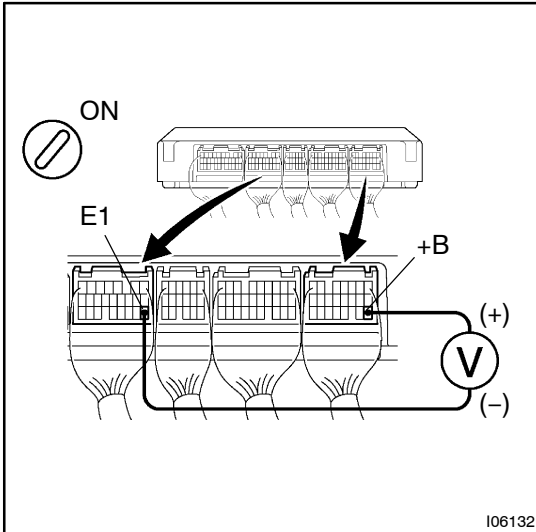
WIRING DIAGRAM



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). |
|---|---|

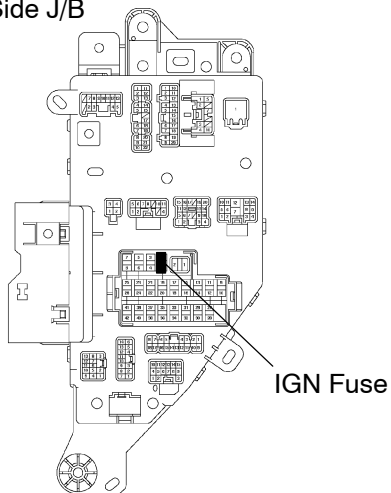
NG

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

**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.