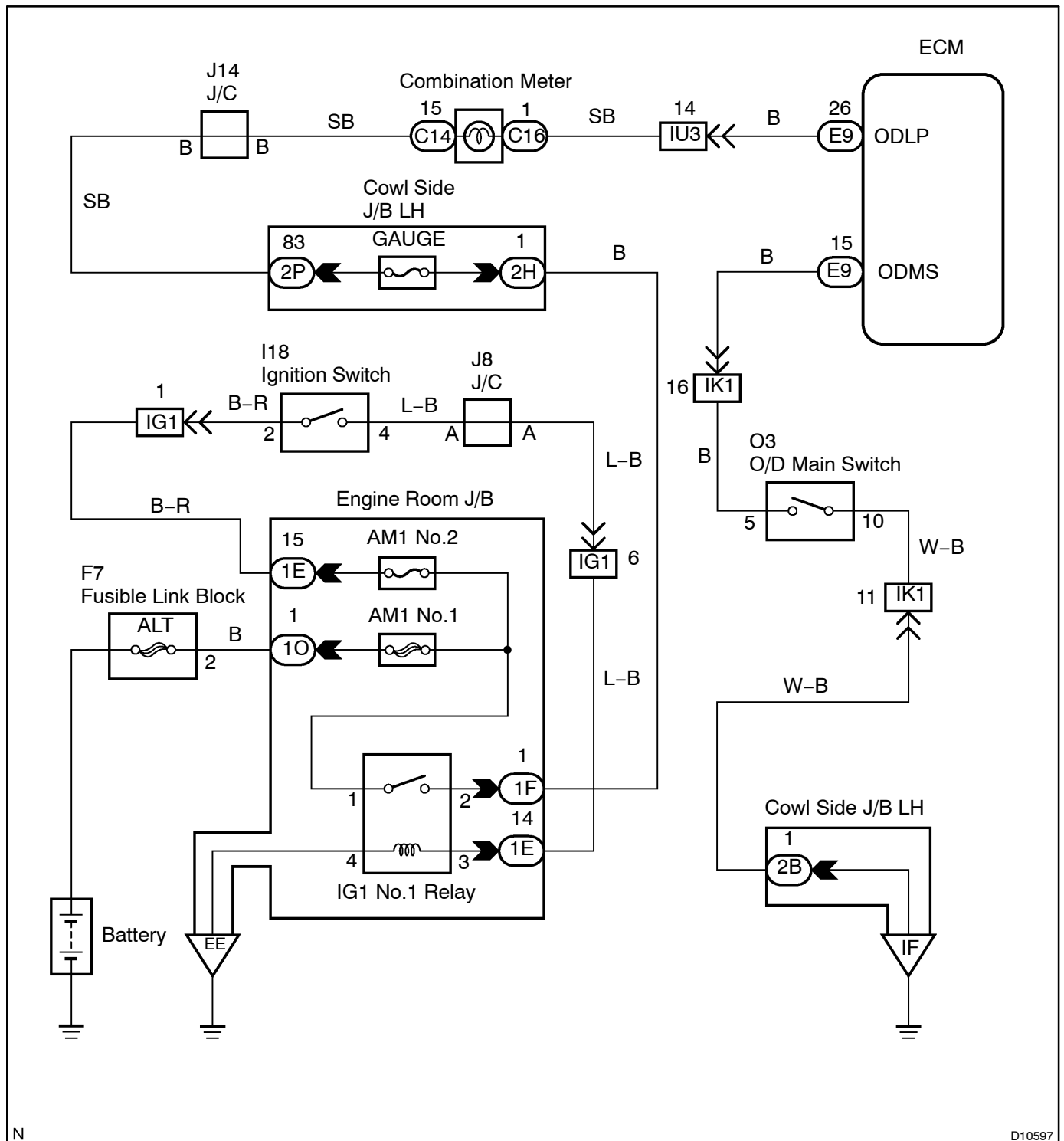


O/D Main Switch & O/D OFF Indicator Light Circuit

CIRCUIT DESCRIPTION

The O/D main switch is a momentary type switch. When pressing the O/D OFF main switch, the O/D OFF indicator light lights up and ECM prohibits shifting to O/D, and when pressing it again, the O/D OFF indicator light goes off and ECM allows shifting to O/D. Turning the IG switch OFF will reset the O/D OFF indicator light.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check operation of O/D main switch.

PREPARATION:

Turn the ignition switch ON.

CHECK:

- (a) Check O/D OFF indicator light when O/D main switch is pushed in to ON.
- (b) Check O/D OFF indicator light when O/D main switch is pushed again.

OK:

- (a) O/D OFF indicator light lights up.
- (b) O/D OFF indicator light goes off.

OK

Proceed to next inspection shown on symptoms problem tables (See page [DI-173](#)).

NG

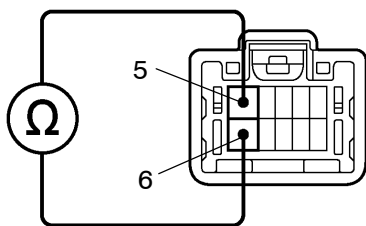
2 Check and replace the combination meter (See page [BE-2](#)).

NG

Replace the combination meter.

OK

3 Check O/D main switch.

**PREPARATION:**

Disconnect the O/D main switch connector.

CHECK:

Check continuity between terminals 5 and 6 of O/D main switch connector.

OK:

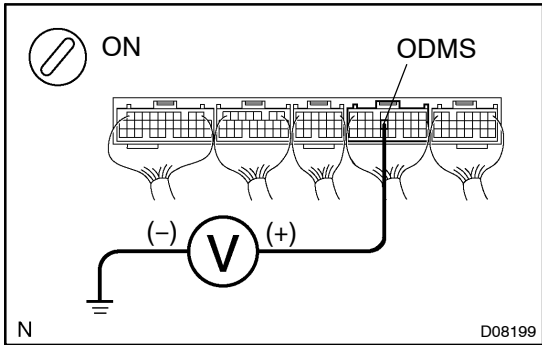
O/D main switch condition	Specified condition
Press continuously O/D main switch	Continuity
Release O/D main switch	No continuity

NG

Replace and repair O/D main switch.

OK

4 Check voltage between terminal ODMS of ECM and body ground.



PREPARATION:

Turn the ignition switch ON.

CHECK:

Check voltage between terminal ODMS of ECM and body ground when O/D main switch is ON and OFF.

OK:

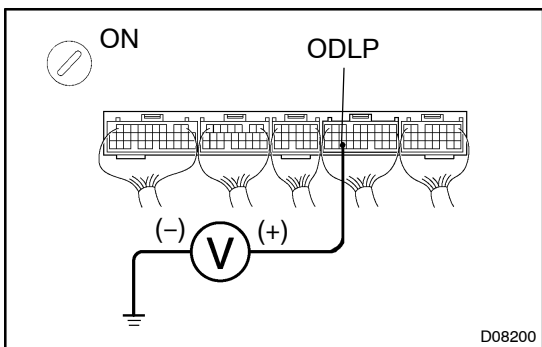
O/D main switch	Specified voltage
Press continuously O/D main switch	Below 1.0 V
Release O/D main switch	9 – 14 V

OK

Check and replace the ECM (See page [IN-34](#)).

NG

5 Check voltage between terminal ODLP of ECM and body ground.



PREPARATION:

- (a) Disconnect the connector of ECM.
- (b) Turn the ignition switch ON.

CHECK:

Check voltage between terminal ODLP of ECM and body ground.

OK:

Voltage: 9 – 14 V

OK

Check and replace the ECM (See page [IN-34](#)).

NG

Check and replace harness and connector between combination meter and ECM, O/D main switch and ECM, O/D main switch and body ground (See page [IN-34](#)).