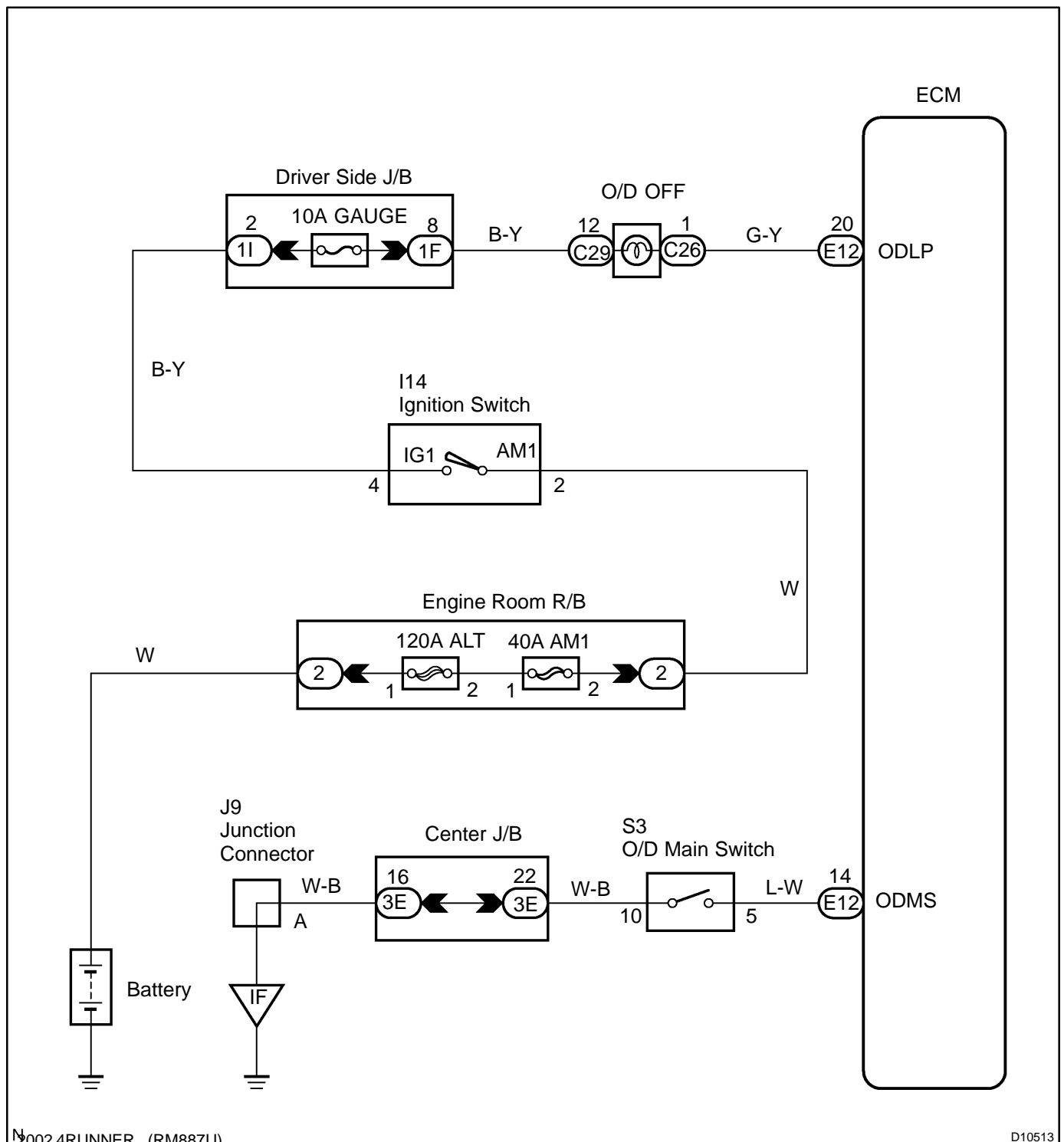


## O/D Main Switch & O/D OFF Indicator Light Circuit

### 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 prohibit 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.
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**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 problem symptoms table (See page <a href="#">DI-175</a> ).
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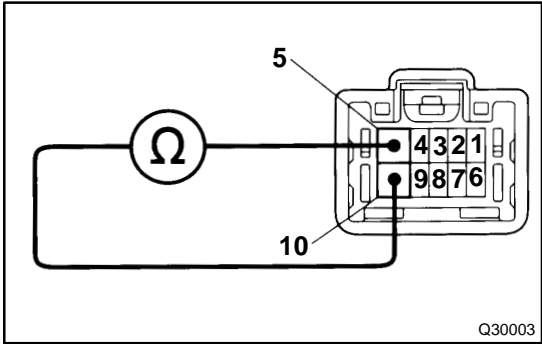
NG

2	Check and replace combination meter (See page <a href="#">BE-45</a> ).
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NG	Replace the combination meter.
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OK

3	Check O/D main switch.
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**PREPARATION:**

Disconnect the O/D main switch connector.

**CHECK:**

Check continuity between 5 and 10 of the O/D main switch connector.

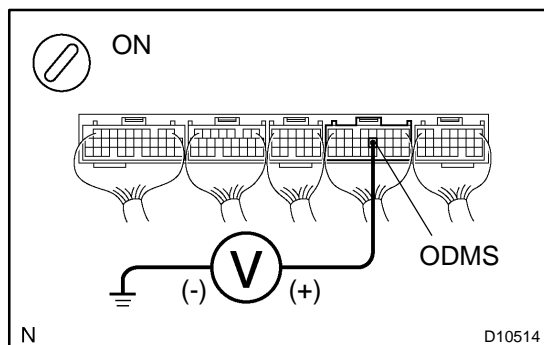
**OK:**

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.
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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 the ECM and body ground when O/D main switch is ON and OFF.

##### OK:

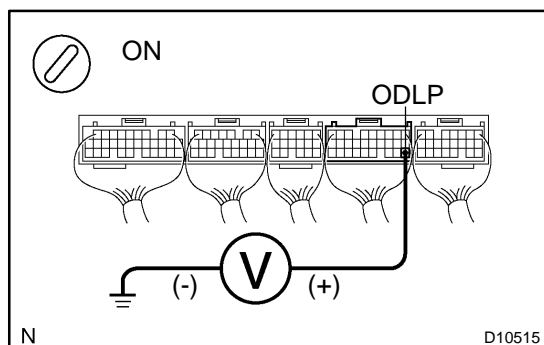
O/D main switch	Specified voltage
Press continuously O/D main switch	Below 1.5 V
Release O/D main switch	9 - 14 V

OK

Check and replace the ECM (See page [IN-28](#) ).

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 the ECM and body ground.

##### OK:

O/D main switch	Specified voltage
Press continuously O/D main switch	Below 3 V
Release O/D main switch	9 - 14 V

OK

Check and replace the ECM (See page [IN-28](#) ).

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-28](#) ).