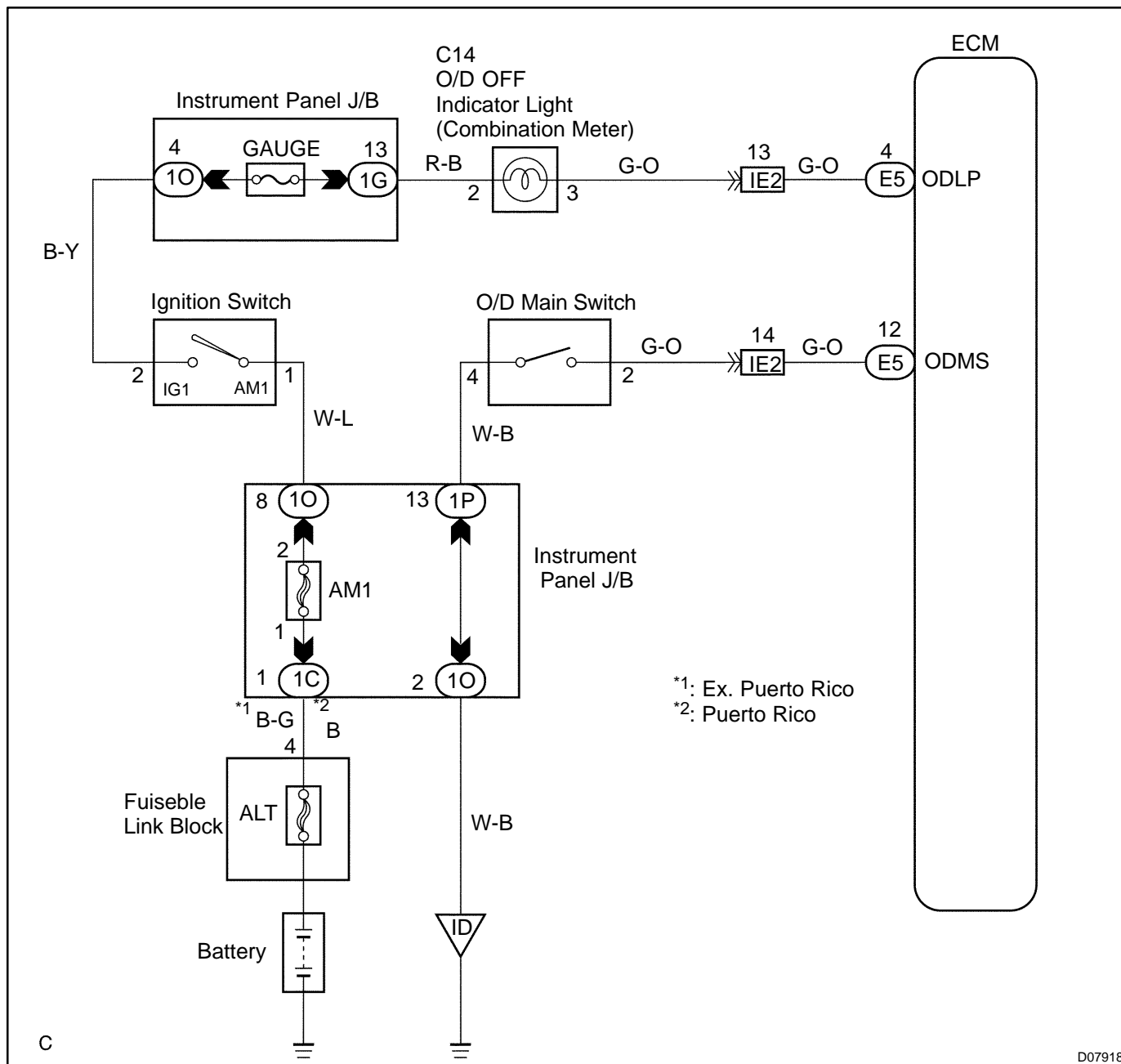


## O/D Main Switch & O/D OFF Indicator Light Circuit

### CIRCUIT DESCRIPTION

The O/D main switch is a momentary type switch. When pressing the O/D 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 problem symptoms tables (See page [DI-163](#) ).

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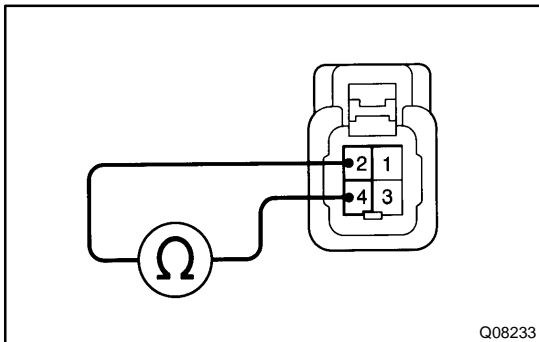
2 Check and replace the combination meter (See page [BE-2](#) ).

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Replace the combination meter.

OK

## 3 Check O/D main switch.

**PREPARATION:**

Disconnect the O/D main switch connector.

**CHECK:**

Check continuity between terminals 2 and 4 of O/D main switch connector.

**OK:**

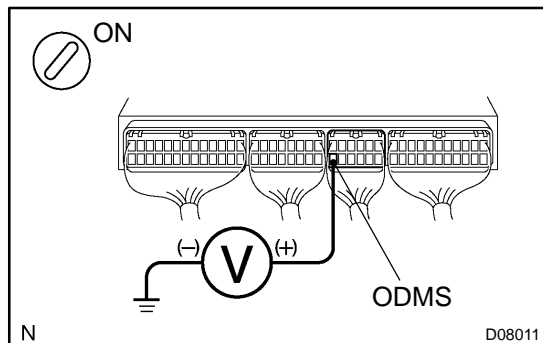
O/D main switch condition	Specified condition
Press continuously O/D main switch	Continuity
Release O/D main switch	No continuity

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:

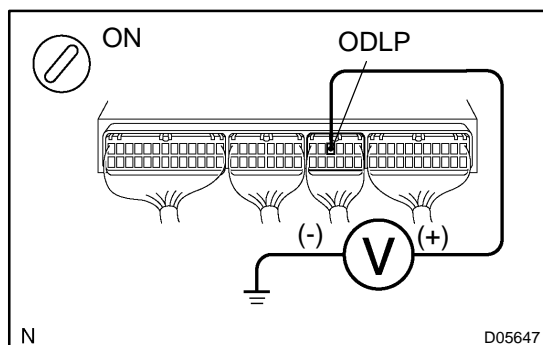
O/D main switch	Specified voltage
Press continuously O/D main switch	Below 1.0 V
Release O/D main switch	10 - 14 V

OK

Check and replace the ECM (See page [IN-29](#) ).

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



#### PREPARATION:

- Disconnect the connector of ECM.
- Turn the ignition switch ON.

#### CHECK:

Check voltage between terminal ODLP of ECM and body ground.

#### OK:

Voltage: 7.5 - 14 V

OK

Check and replace the ECM (See page [IN-29](#) ).

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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-29](#) ).