

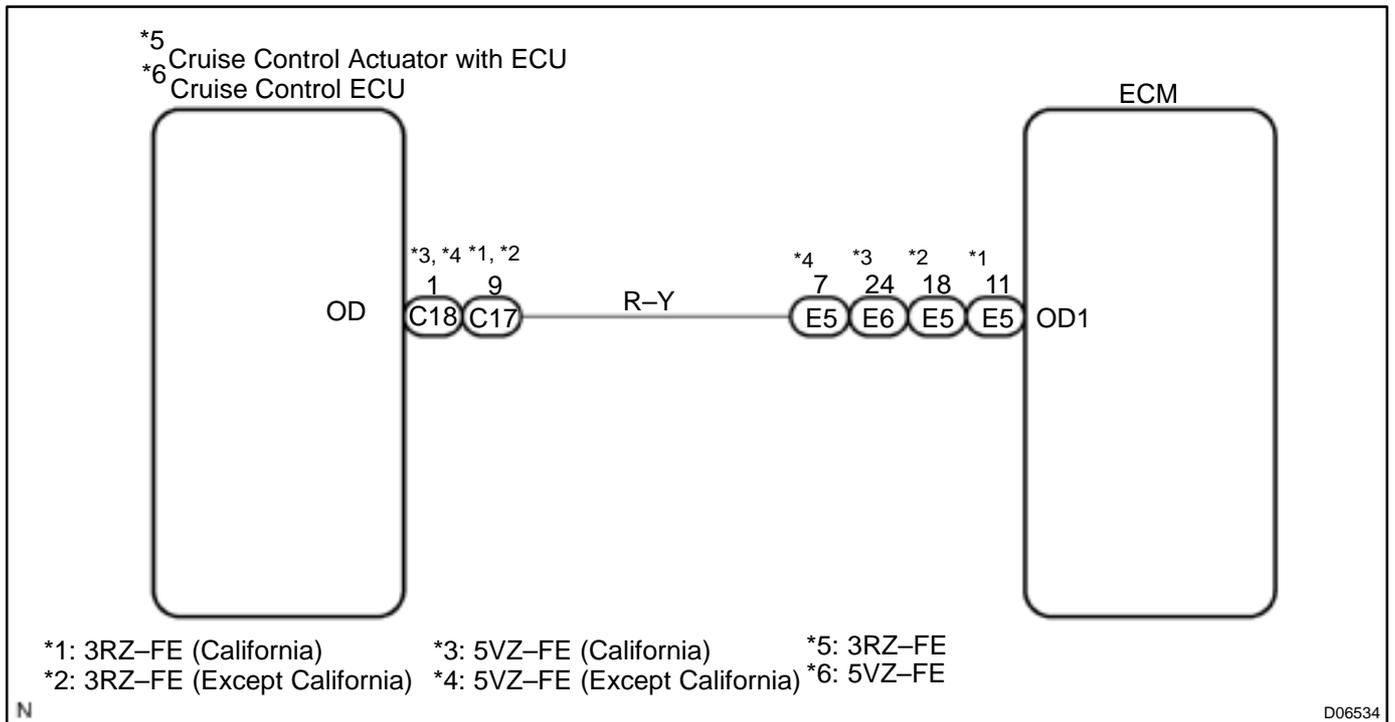
# O/D Cancel Signal Circuit

## CIRCUIT DESCRIPTION

While driving uphill with cruise control activated, in order to minimize gear shifting and provide smooth cruising O/D may be prohibited temporarily under some conditions.

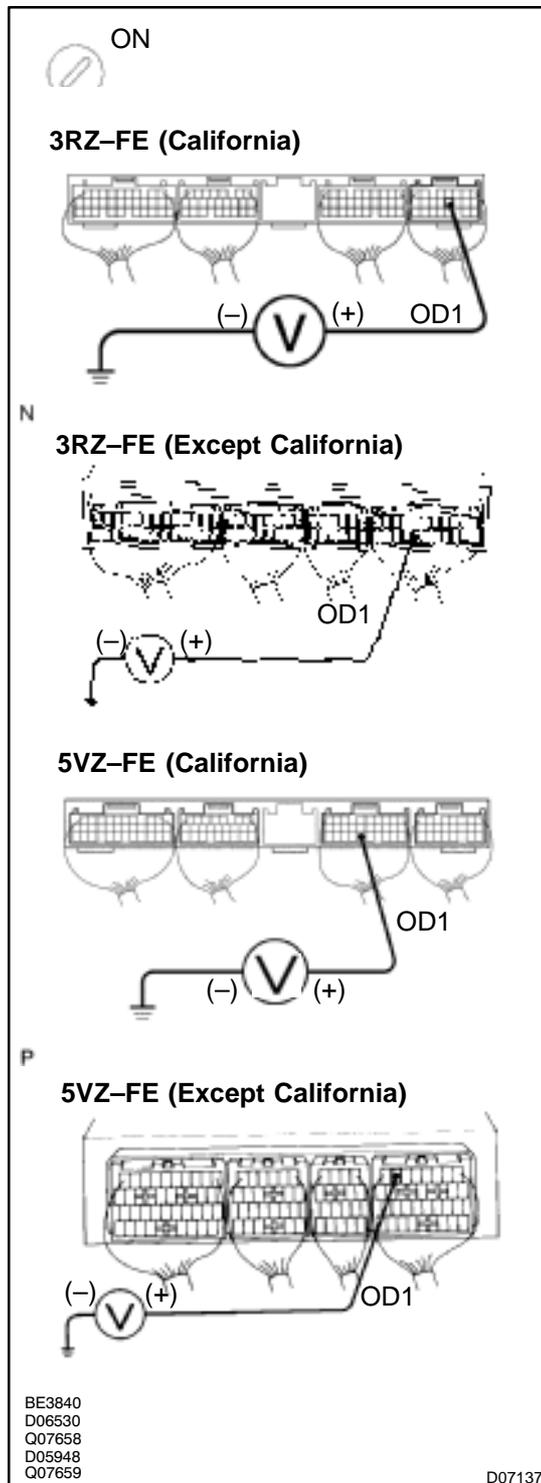
The cruise control ECU sends O/D cut signals to the ECM as necessary and the ECM cancels O/D shifting until these signals are discontinued.

## WIRING DIAGRAM



## INSPECTION PROCEDURE

1	Check voltage between terminal OD1 of ECM and body ground.
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**PREPARATION:**

Turn the ignition switch ON.

**CHECK:**

Measure voltage between terminal OD1 of ECM and body ground.

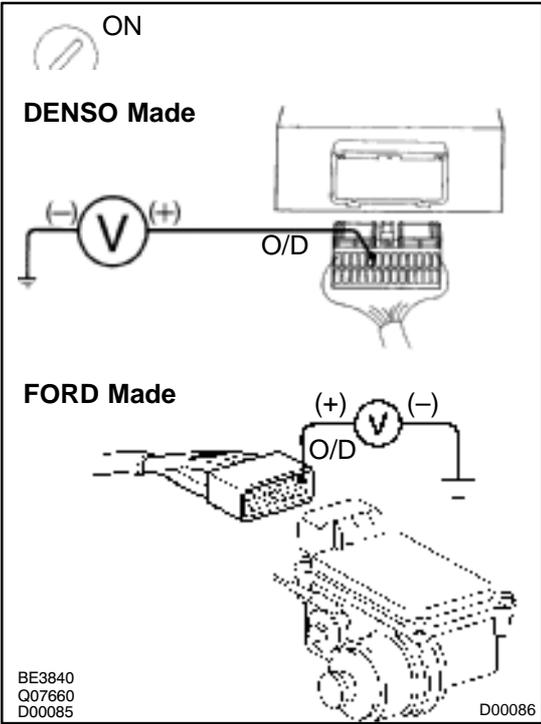
**OK:****Voltage: 4 – 6 V**

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-363](#)).

NG

**2** Check voltage between terminal OD of cruise control ECU harness side connector and body ground.



**PREPARATION:**

- (a) Disconnect the cruise control ECU connector.
- (b) Turn the ignition switch ON.

**CHECK:**

Measure voltage between terminal OD of cruise control ECU harness side connector and body ground.

**OK:**

**Voltage: 4 – 6 V**

**OK** → Check and replace the cruise control ECU (See page [DI-566](#) or [DI-619](#)).

**NG**

**3** Check harness and connector between cruise control ECU and ECM (See page [IN-28](#)).

**NG** → Repair or replace the harness or connector.

**OK**

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