

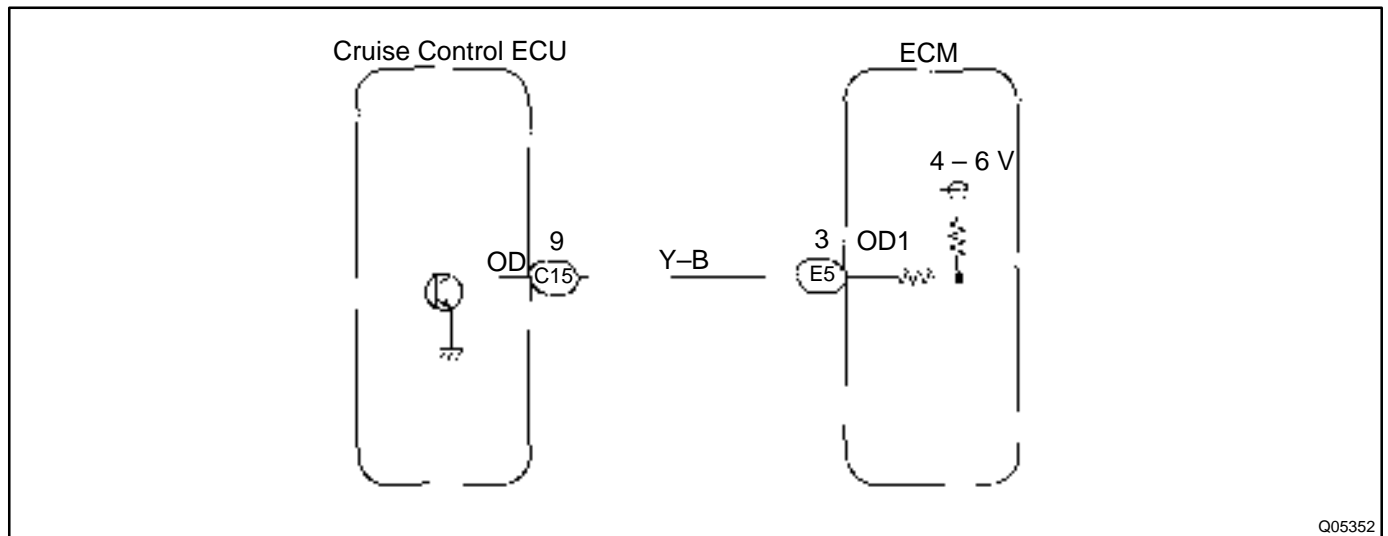
O/D Cancel Signal Circuit

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.

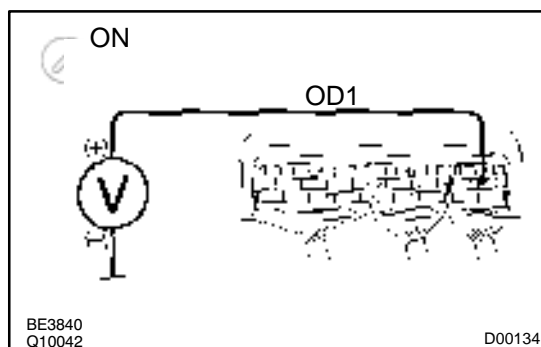
The cruise control ECU sends O/D cut signals to the ECM as necessary and the ECM cancels O/D shifting until these signals are discontinued.

WIRING DIAGRAM



INSPECTION PROCEDURE

- 1 Check voltage between terminal OD1 of ECM and body ground.



PREPARATION:

Turn the ignition switch ON.

CHECK:

Measure voltage between terminal OD1 of ECM and body ground.

OK:

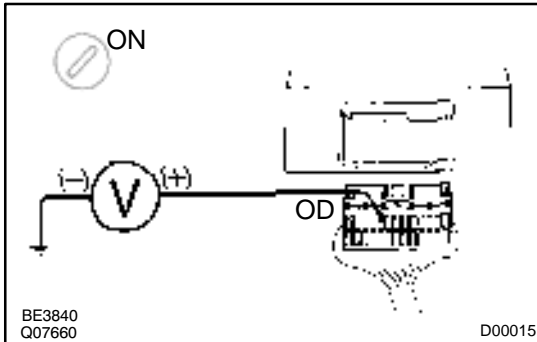
Voltage: 9 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-140](#)).

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

**PREPARATION:**

- (a) Disconnect 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.

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- 3 Check harness and connector between cruise control ECU and ECM
(See page [IN-27](#)).**

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Repair or replace harness or connector.

OK

Check and replace ECM.