

O/D Cancel Signal Circuit

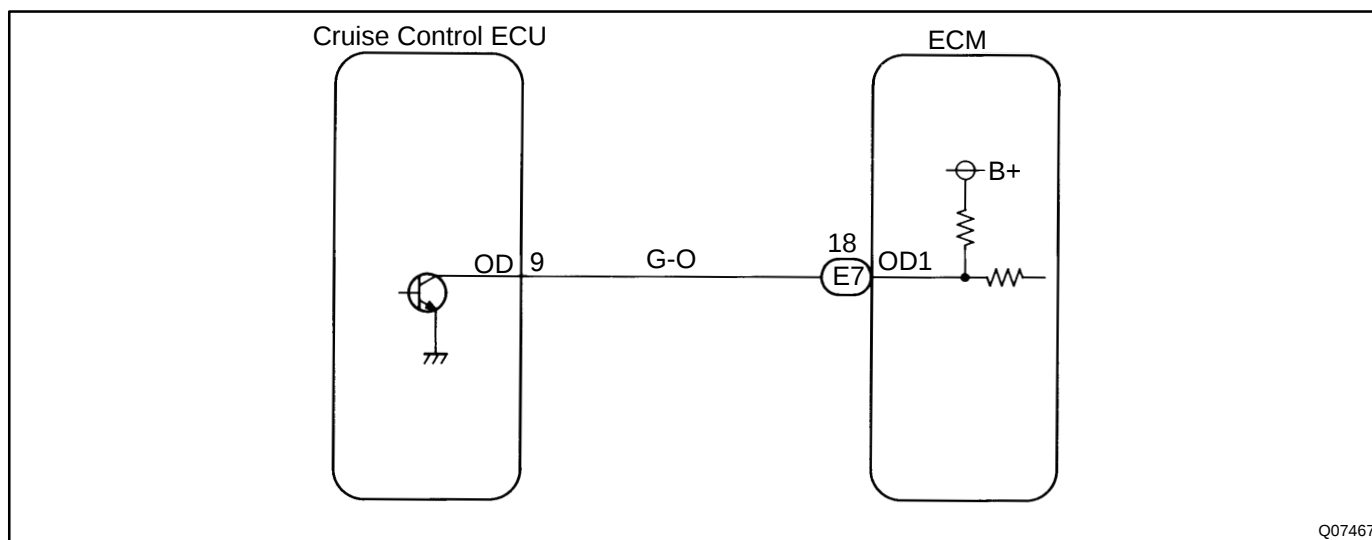
CIRCUIT DESCRIPTION

While driving with cruise control activated, in order to minimize gear shifting and provide smooth cruising on an uphill, overdrive may be prohibited temporarily in some conditions.

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

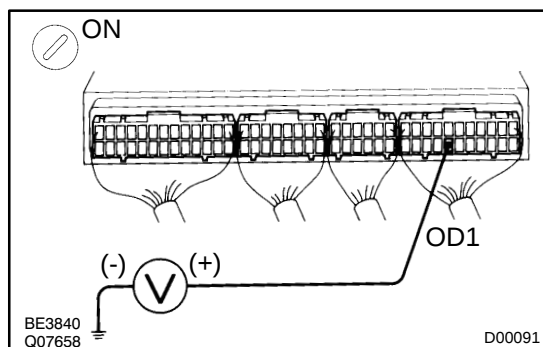
(For details, see the Cruise Control section, page [DI-292](#))

WIRING DIAGRAM



INSPECTION PROCEDURE

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



PREPARATION:

Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal OD1 of the ECM and body ground.

OK:

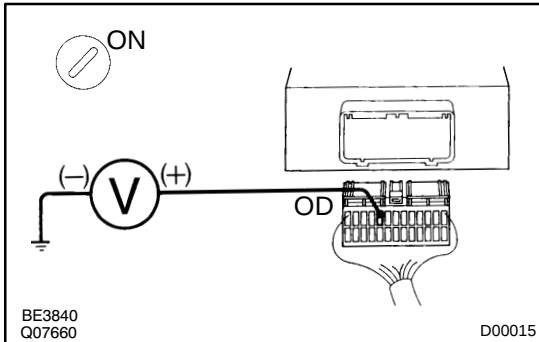
Voltage: 9 - 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-147](#)).

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- 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 ignition switch ON.

CHECK:

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

OK:

Voltage: 9 - 14 V

OK

Check and replace cruise control ECU.

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

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Repair or replace wire harness or connector.

OK

Check and replace ECM.