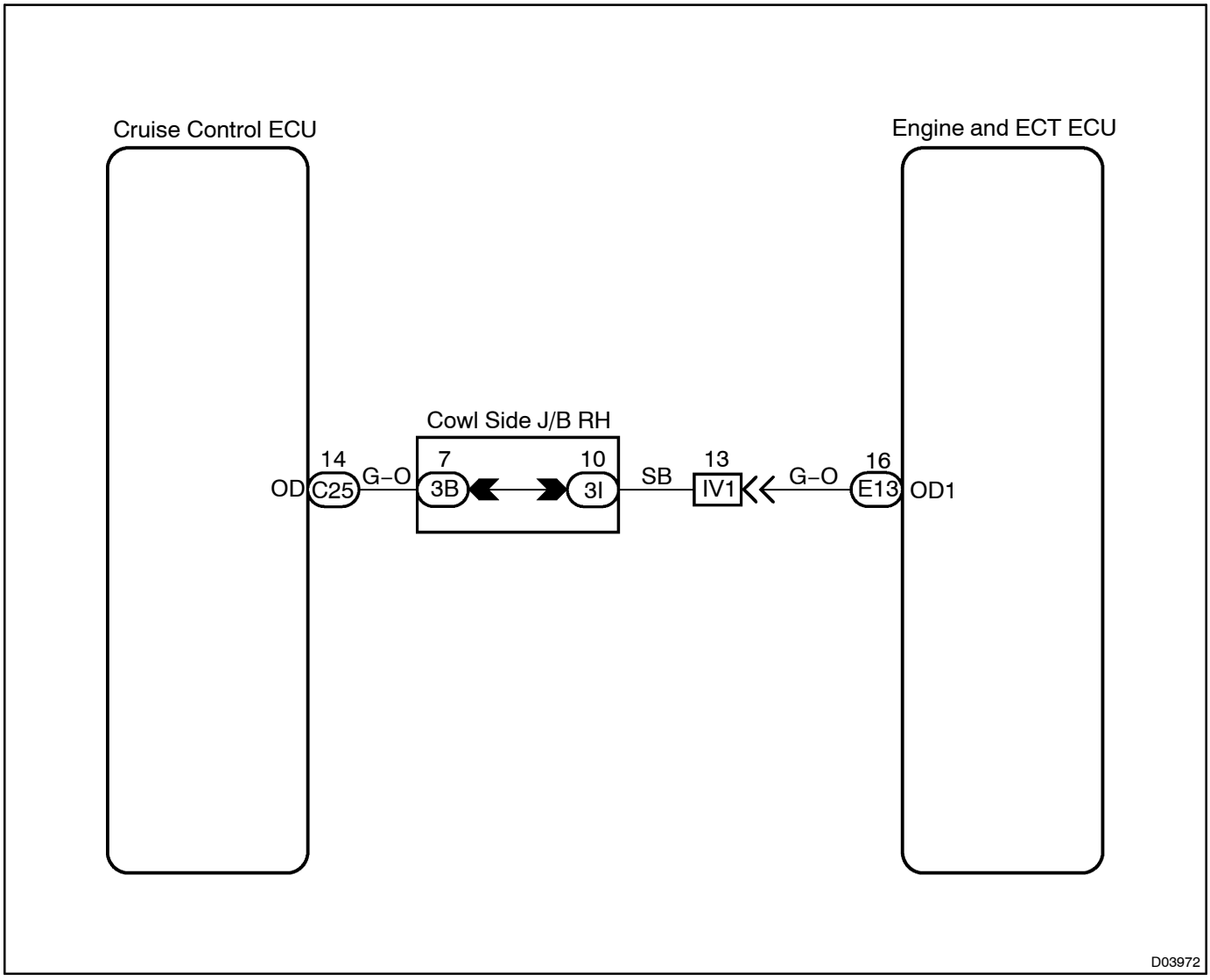
O/D Cancel Signal Circuit

CIRCUIT DESCRIPTION

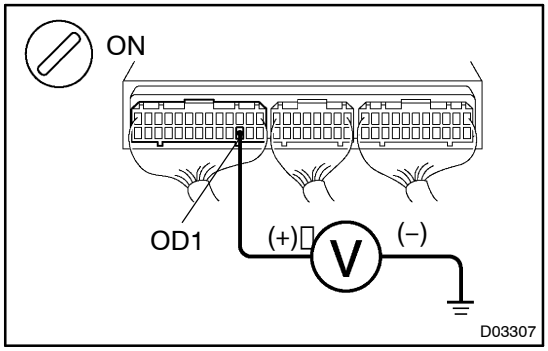
While driving uphill with cruise control activated, in order to minimize gear shifting and provide smooth cruising overdrive may be prohibited temporarily under some condtion.
The cruise control ECU sends O/D cut signals to the Engine and ECT ECU as necessary and Engine and ECT ECU cancels O/D shifting until these signals are discontnued.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check voltage between terminal OD1 of Engine and ECT ECU and body ground.**



PREPARATION:

(a) Remove the glove compartment door (See page BO–127).

(b) Turn the ignition switch ON.

CHECK:

Measure voltage between terminal OD1 of Engine and ECT ECU and body ground.

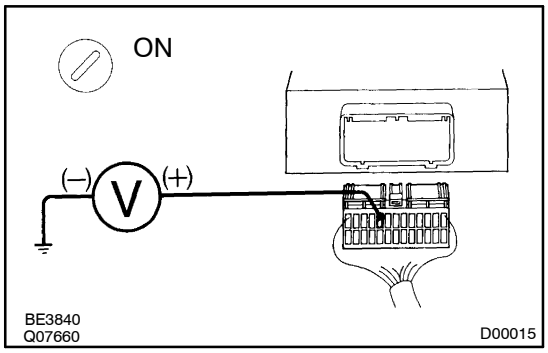
OK:

Voltage: 9.0 – 14 V

OK	**Proceed to next circuit inspection shown in symptom problems table (See page DI–108).**

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: 9.0 – 14 V

OK	**Check and replace the cruise control ECU (See page DI–680).**

NG

3	Check harness and connector between cruise control ECU and Engine and ECT ECU (See page IN–35).

NG → Repair or replace the harness or connector.

OK →

Check and replace the Engine and ECT ECU (See page IN–35).