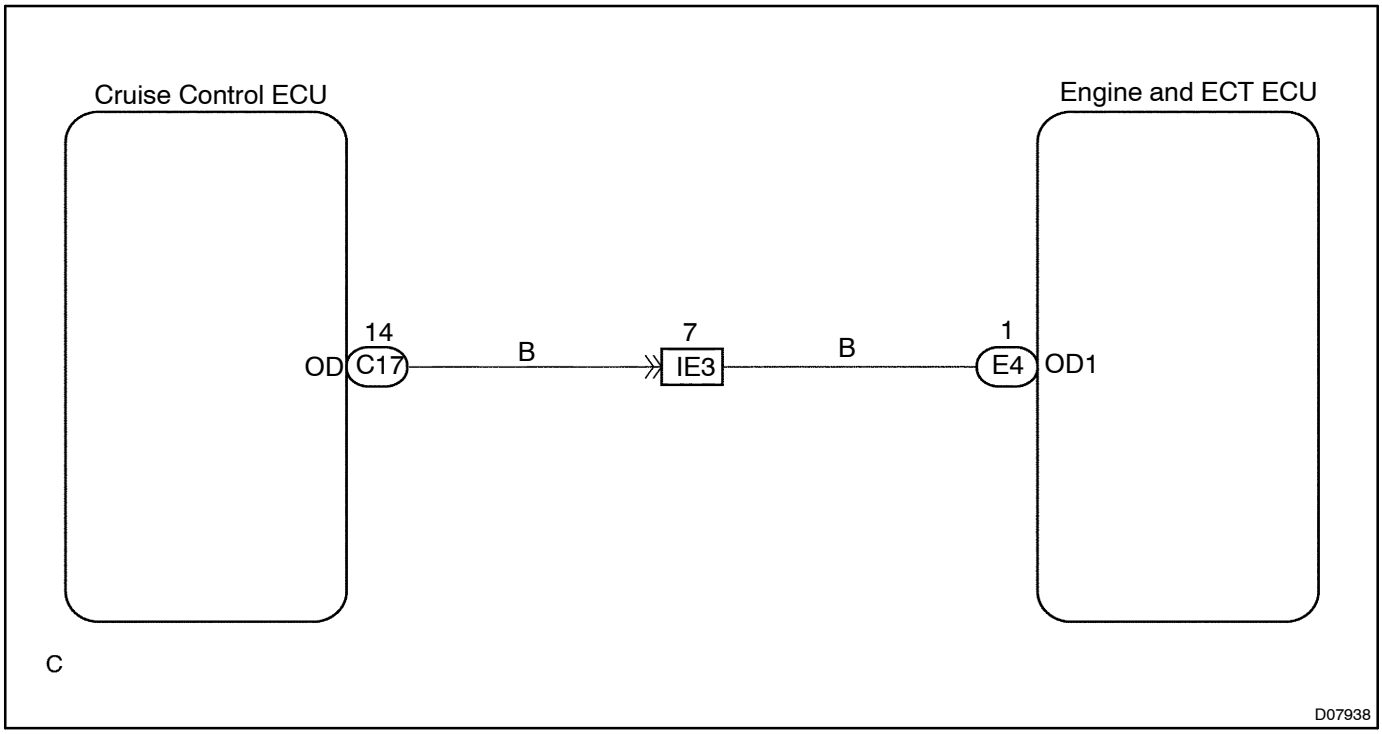
DI6SZ–01

O/D Cancel Signal Circuit

CIRCUIT DESCRIPTION

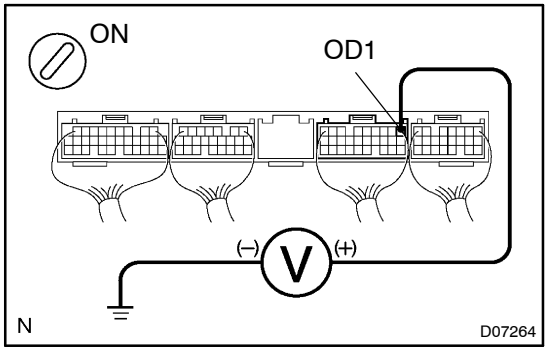
While driving uphill with cruise control activated, in order to minimize gear shifting and provide smooth cruising overdrive may be prohibited temporarily under some condition.
The cruise control ECU sends O/D cut signals to the Engine and ECT ECU as necessary and the Engine and ECT ECU cancels overdrive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

WIRING DIAGRAM



INSPECTION PROCEDURE

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

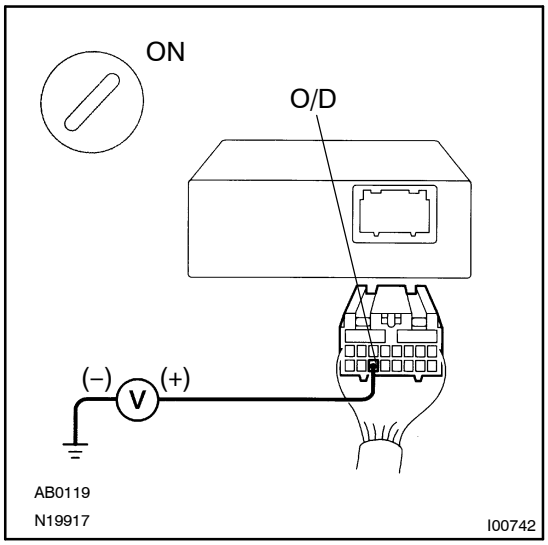


PREPARATION:
Turn the ignition switch ON.
CHECK:
Measure voltage between terminal OD1 of Engine and ECT ECU and body ground.
OK:
Voltage: 10 – 14 V

OK	Proceed to next circuit inspection shown on problem symptoms table (See page DI–21).

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: 10 – 14 V

OK	Check and replace the cruise control ECU.

NG

3	Check harness and connector between cruise control ECU and Engine and ECT ECU (See page IN–30).

NG → Repair or replace the harness or connector.

OK →

Check and replace the Engine and ECT ECU (See page IN–30).