

O/D Cancel Signal Circuit

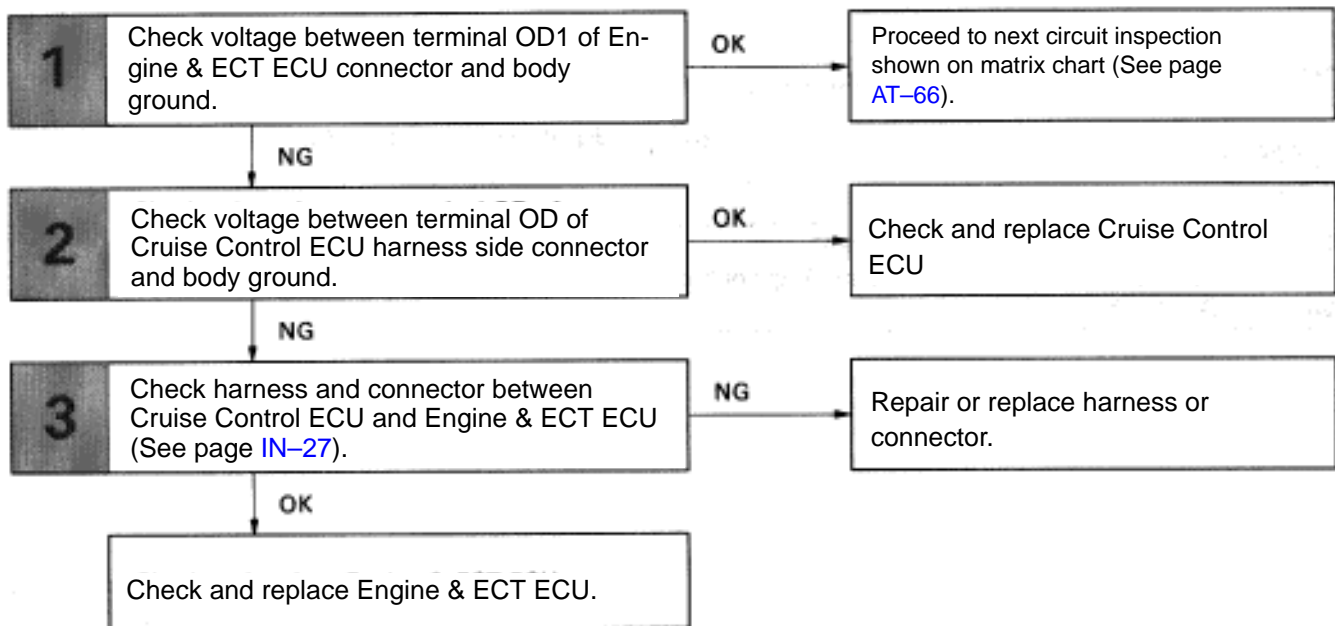
— CIRCUIT DESCRIPTION —

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.

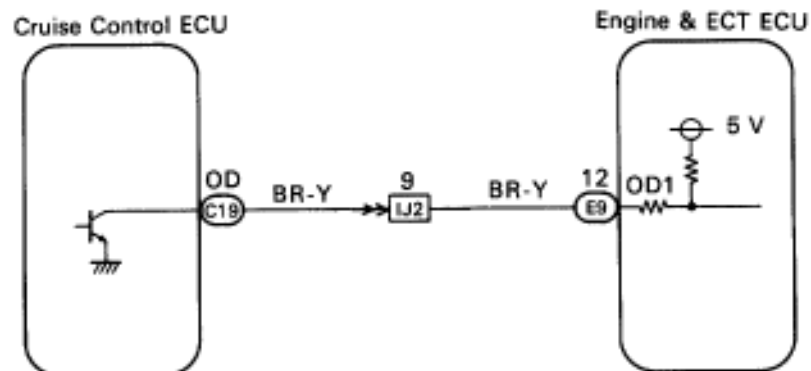
The Cruise Control ECU sends O/D cut signals to the Engine & ECT ECU as necessary and the Engine & ECT ECU cancels overdrive shifting until these signals are discontinued.

(For details, see the Cruise Control section, page [BE-506](#)).

— DIAGNOSTIC CHART —



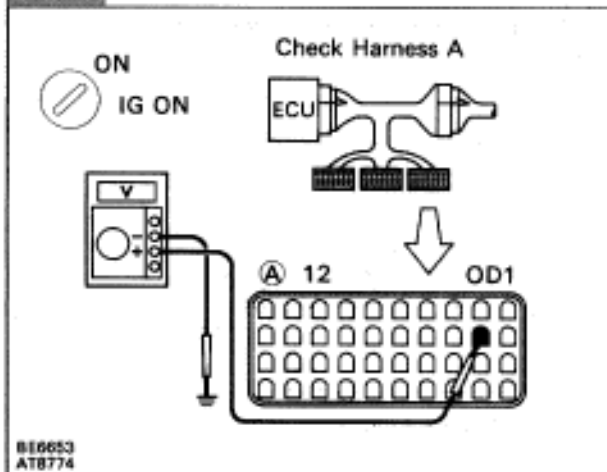
WIRING DIAGRAM



INSPECTION PROCEDURE

1

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



- P** 1. Connect the Check Harness A to the ECU. (See page [TR-30](#)).
2. Turn ignition switch ON.
- C** Measure voltage between terminal OD1 of Engine & ECT ECU connector and body ground.
- OK** **Voltage:** 4–6 V

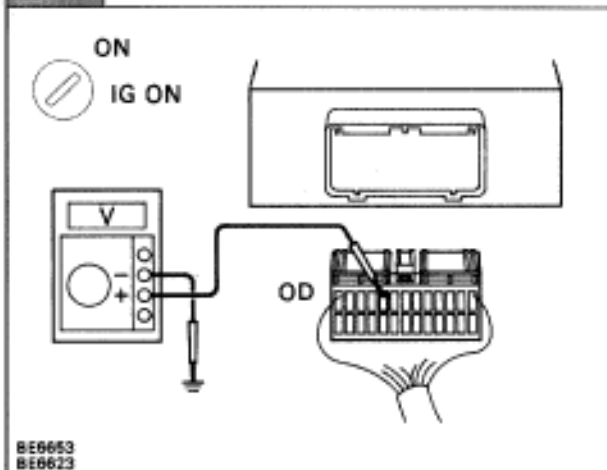
NG

OK

Proceed to next circuit inspection shown on matrix chart (See page [AT-66](#)).

2

Check voltage between terminal OD of Cruise Control ECU harness side connector and body ground.



- P** 1. Disconnect Cruise Control ECU connector.
2. Turn ignition switch ON.
- C** Measure voltage between terminal OD of Cruise Control ECU harness side connector and body ground.
- OK** **Voltage:** 4–6 V

NG

OK

Check and replace Cruise Control ECU

3

Check harness and connector between Cruise Control ECU and Engine & ECT ECU (See page [IN-27](#)).

OK

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Repair or replace harness or connector.

Check and replace Engine & ECT ECU.