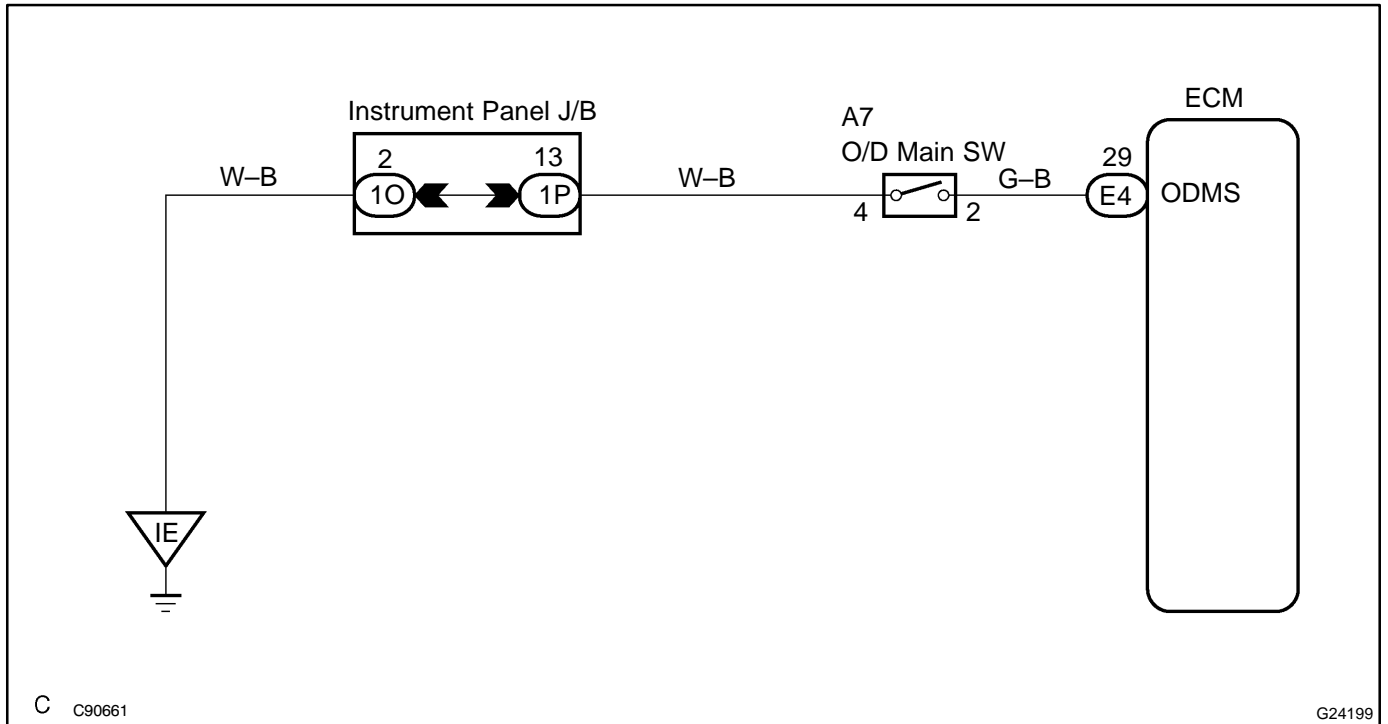


O/D MAIN SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The O/D main switch (transmission control switch) is a momentary type switch. When pressing the O/D main switch, the O/D OFF indicator light lights up and the ECM prohibits shifting into O/D, and when pressing it once again, the O/D OFF indicator light goes off and the ECM allows shifting into O/D. Turning the IG switch OFF will reset the O/D OFF indicator light.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (TRANSMISSION CONTROL SWITCH – BODY GROUND)

**Wire Harness Side:
(Connector Front View):**

G27227

- (a) Disconnect the transmission control switch connector of shift lever assy.
- (b) Measure the resistance according to the value(s) in the table below.

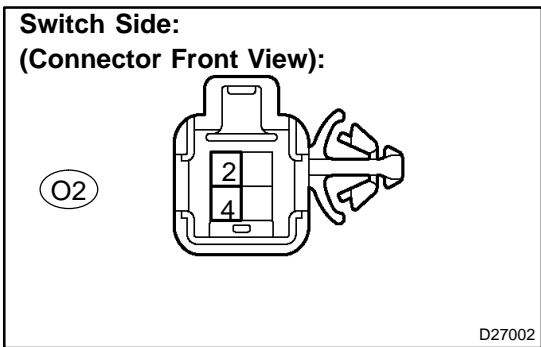
Standard:

Tester Connection	Specified Condition
4 – Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01-30)

OK

2 INSPECT TRANSMISSION CONTROL SWITCH



(a) Measure the resistance according to the value(s) in the table below.

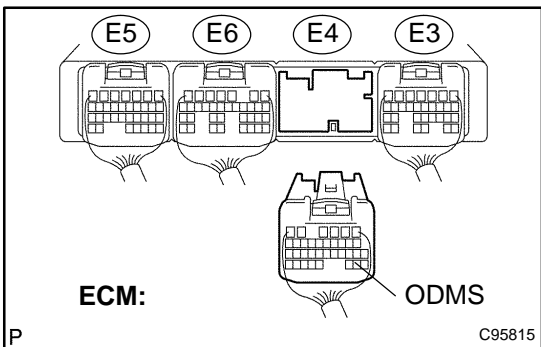
Standard:

Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	2 – 4	Below 1 Ω
Release transmission control switch		10 kΩ or higher

NG → **REPLACE TRANSMISSION CONTROL SWITCH**

OK

3 CHECK HARNESS AND CONNECTOR(TRANSMISSION CONTROL SWITCH – ECM)



(a) Connect the transmission control switch connector of shift lever assy.
 (b) Disconnect the ECM connector.
 (c) Measure the resistance according to the value(s) in the table below.

Standard:

Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	E5 – 29 (ODMS) – Body ground	Below 1 Ω
Release transmission control switch		10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01-30)**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05-394)