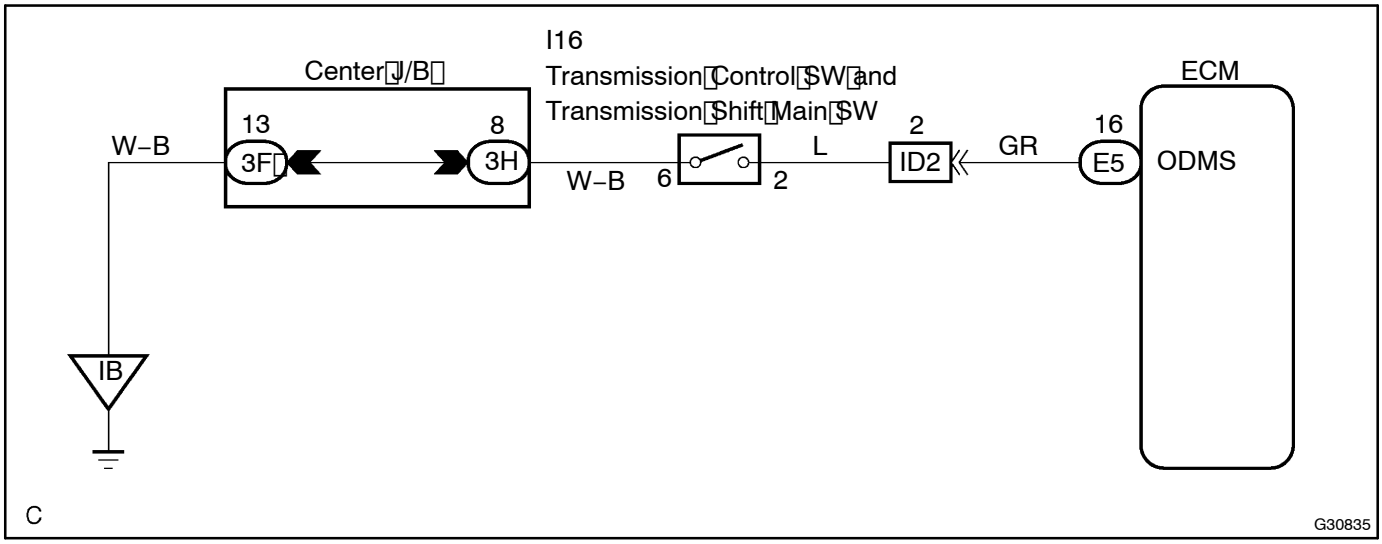
O/D MAIN SWITCH CIRCUIT

CIRCUIT DESCRIPTION

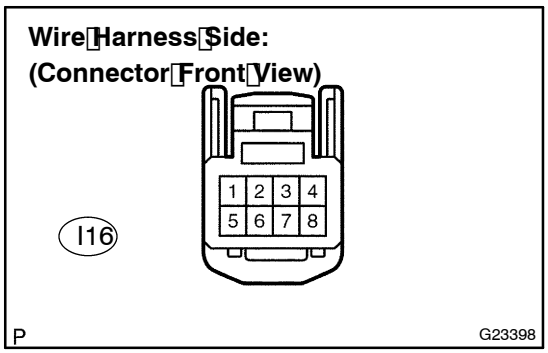
The O/D main switch (transmission control switch) is a momentary type switch. When pressing the O/D main switch, the O/D OFF indicator light lights up and the ECM prohibits shifting into O/D, and when pressing it once again, the O/D OFF indicator light goes off and the ECM allows shifting into O/D. Turning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



(a) Disconnect the transmission shift main switch connector (transmission control switch connector) of shift lever assy.

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

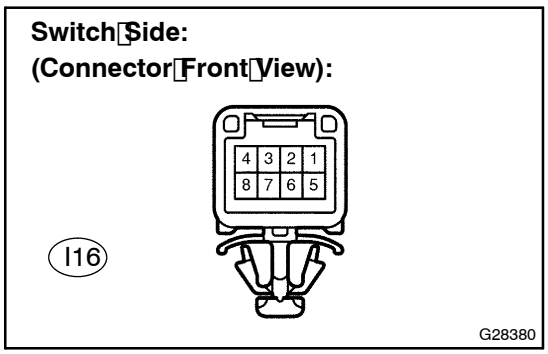
Standard:

Tester Connection	Specified Condition
6 – Body ground	Below 1 Ω

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR (SEE PAGE 01–33)

OK

2 INSPECT TRANSMISSION CONTROL SWITCH



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

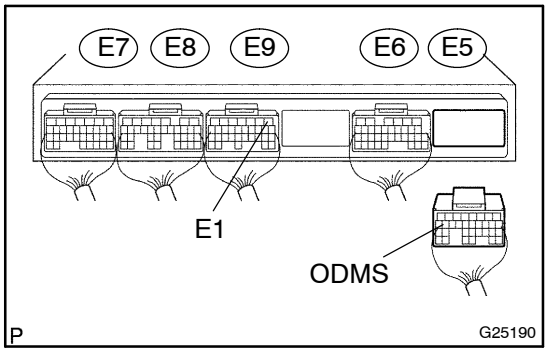
Standard:

Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	2 – 6	Below 1 Ω
Release transmission control switch	↑	10 kΩ or higher

NG → **REPLACE TRANSMISSION CONTROL SWITCH (SEE PAGE 40–32)**

OK

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



(a) Connect the transmission shift main switch connector (transmission control switch connector).

(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 – 16 (ODMS) – Body ground	Below 1 Ω
Release transmission control switch	↑	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR (SEE PAGE 01–33)**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–359)