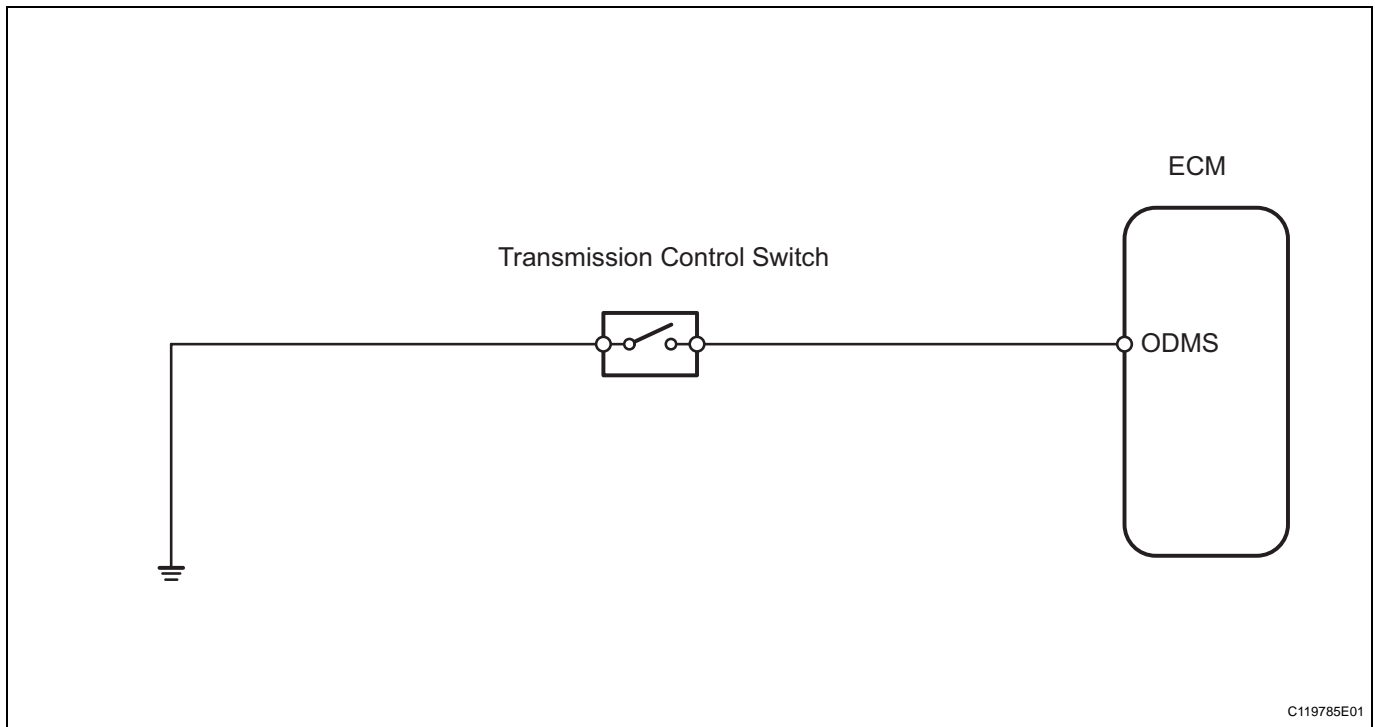


O/D Main Switch Circuit

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 illuminates and the ECM prohibits shifting into O/D. When it is pressed again, the O/D OFF indicator light goes off and the ECM allows shifting into O/D. Turning the ignition switch OFF will reset the O/D OFF indicator light.

WIRING DIAGRAM

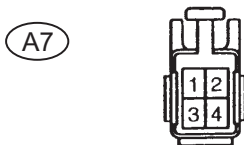


AX

1

CHECK WIRE HARNESS (TRANSMISSION CONTROL SWITCH - BODY GROUND)

Wire Harness Side



G027227E03

- (a) Disconnect the A7 switch connector.
- (b) Measure the resistance of the wire harness side connector.

Standard resistance

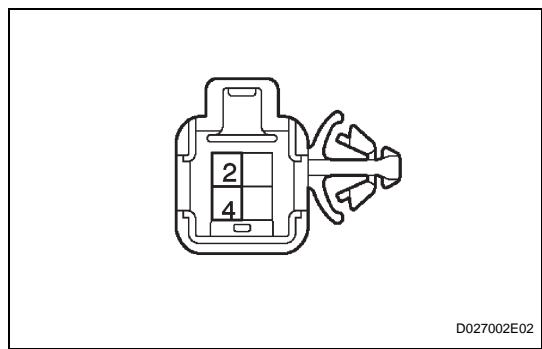
Tester Connection	Specified Condition
4 - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2INSPECT TRANSMISSION CONTROL SWITCH (O/D MAIN SWITCH)



OK

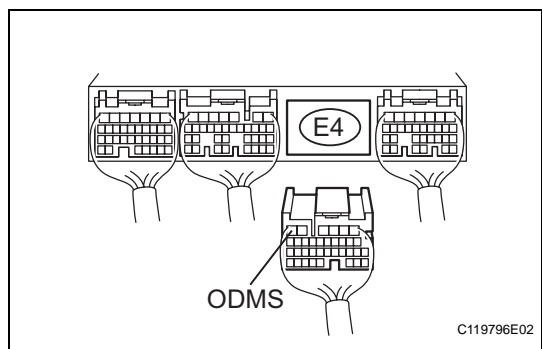
- (a) Measure the resistance of the switch.
Standard resistance

Tester Connection	Switch Condition	Specified Condition
2 - 4	Continuously press transmission control switch	Below 1 Ω
2 - 4	Release transmission control switch	10 kΩ or higher

NG

REPLACE TRANSMISSION CONTROL SWITCH

3CHECK WIRE HARNESS (TRANSMISSION CONTROL SWITCH - ECM)



OK

- (a) Disconnect the E4 ECM connector.
(b) Measure the resistance of the wire harness side connector.

Standard resistance

Tester Connection	Switch Condition	Specified Condition
E4-6 (ODMS) - Body ground	Continuously press transmission control switch	Below 1 Ω
E4-6 (ODMS) - Body ground	Release transmission control switch	10 kΩ or higher

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE