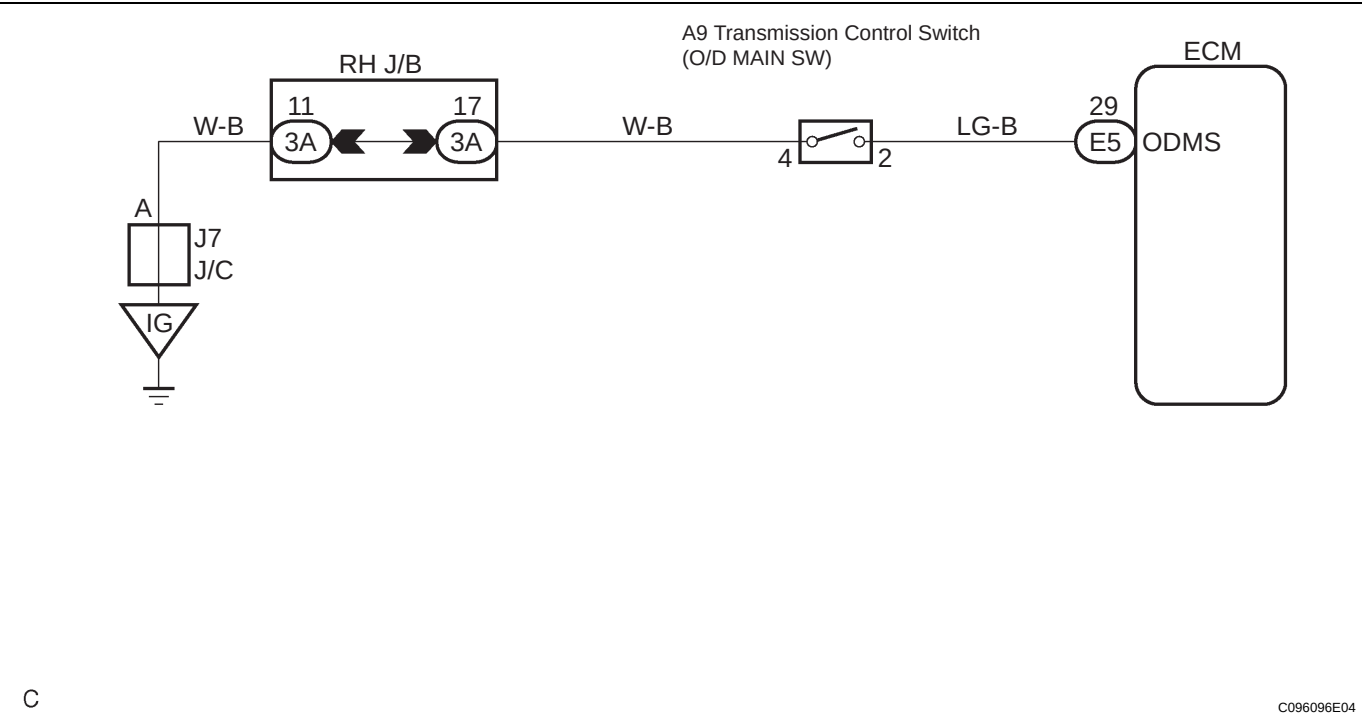


O/D Main Switch Circuit

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 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

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

Wire Harness Side:
(Connector Front View):

A9

G027227E05

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

Standard resistance

Tester Connection	Specified Condition
4 - Body ground	Below 1 Ω

NG

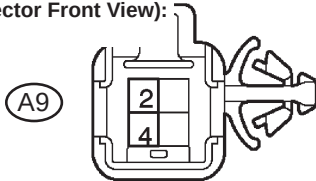
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

2 INSPECT TRANSMISSION CONTROL SWITCH

Switch Side:

(Connector Front View):



D027002E03

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

Standard resistance

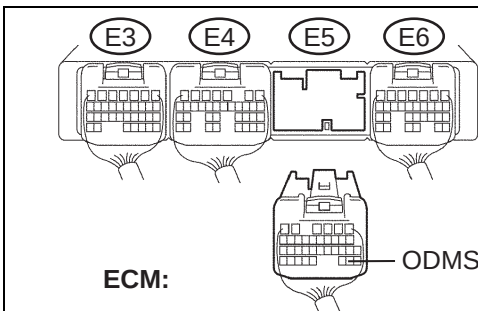
Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	2 - 4	Below 1 Ω
Release transmission control switch	$\uparrow$	10 k Ω or higher

NG

REPLACE TRANSMISSION CONTROL SWITCH

OK

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



ECM:

ODMS

P

C095815E07

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

Standard resistance

Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	E5-29 (ODMS) - Body ground	Below 1 Ω
Release transmission control switch	$\uparrow$	10 k Ω or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE