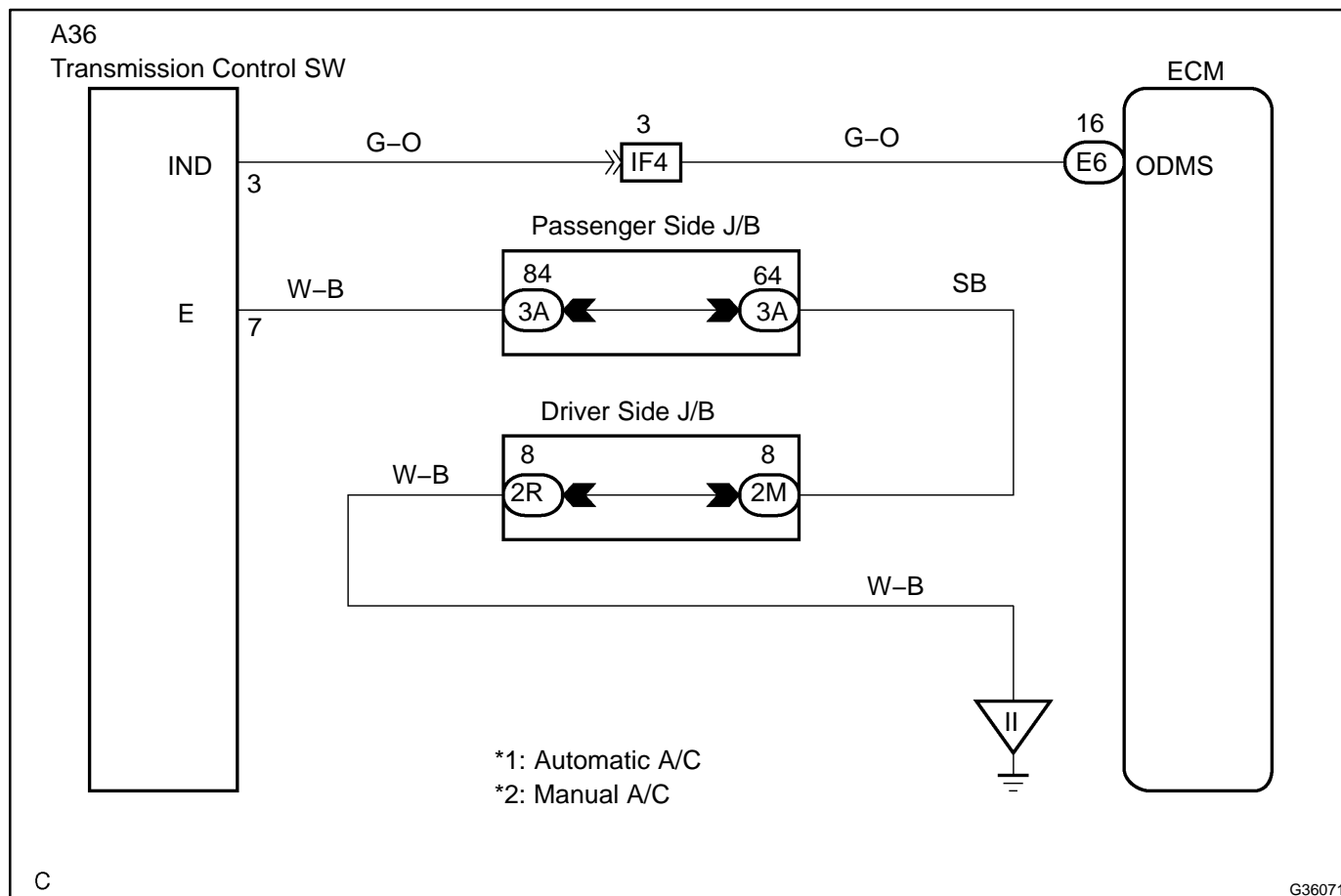


## O/D MAIN SWITCH CIRCUIT

### 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.

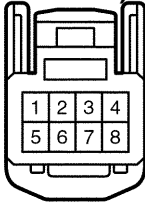
### WIRING DIAGRAM



## INSPECTION PROCEDURE

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

Wire Harness Side:  
(Connector Front View)



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OK

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

**Standard:**

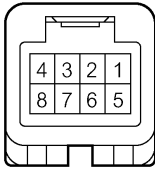
Tester Connection	Specified Condition
7 – Body ground	Below 1 $\Omega$

NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR (SEE PAGE 01-32)**

### 2 INSPECT TRANSMISSION CONTROL SWITCH

Switch Side:  
(Connector Front View)



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

**Standard:**

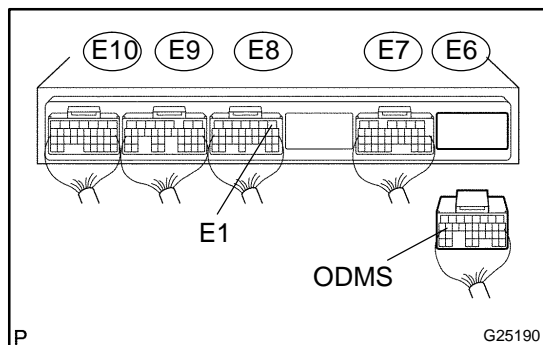
Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	3 – 7	Below 1 $\Omega$
Release transmission control switch	$\uparrow$	10 k $\Omega$ or higher

NG

**REPLACE TRANSMISSION CONTROL SWITCH (SEE PAGE 40-53)**

OK

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



P

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

**Standard:**

Switch Condition	Tester Connection	Specified Condition
Press continuously transmission control switch	E6 – 16 (ODMS) – Body ground	Below 1 $\Omega$
Release transmission control switch	$\uparrow$	10 k $\Omega$ or higher

NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR (SEE PAGE 01-32)**

OK

**PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05-1262)**