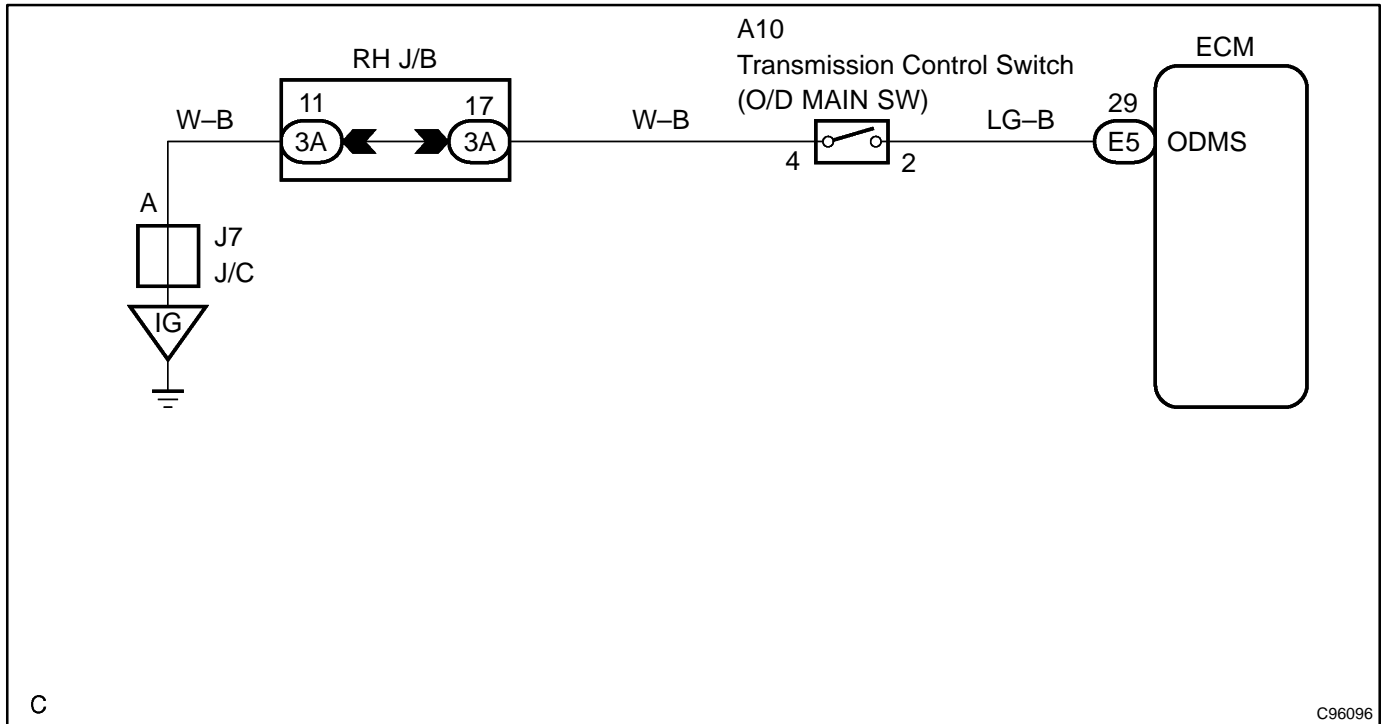


## O/D MAIN SWITCH CIRCUIT

### 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.

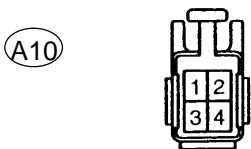
### WIRING DIAGRAM



### INSPECTION PROCEDURE

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

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



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

**Standard:**

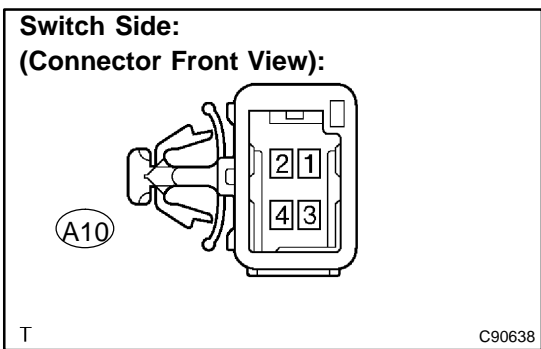
Tester Connection	Specified Condition
4 – Body ground	Below 1 Ω

**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.

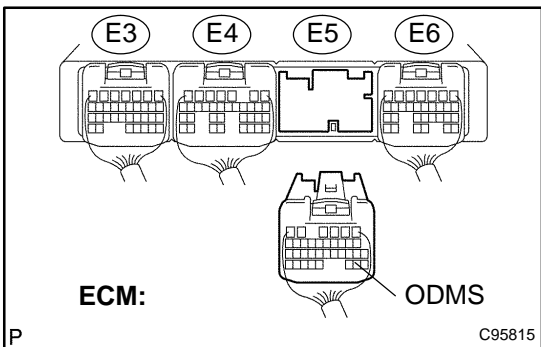
**Standard:**

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 05-374)**