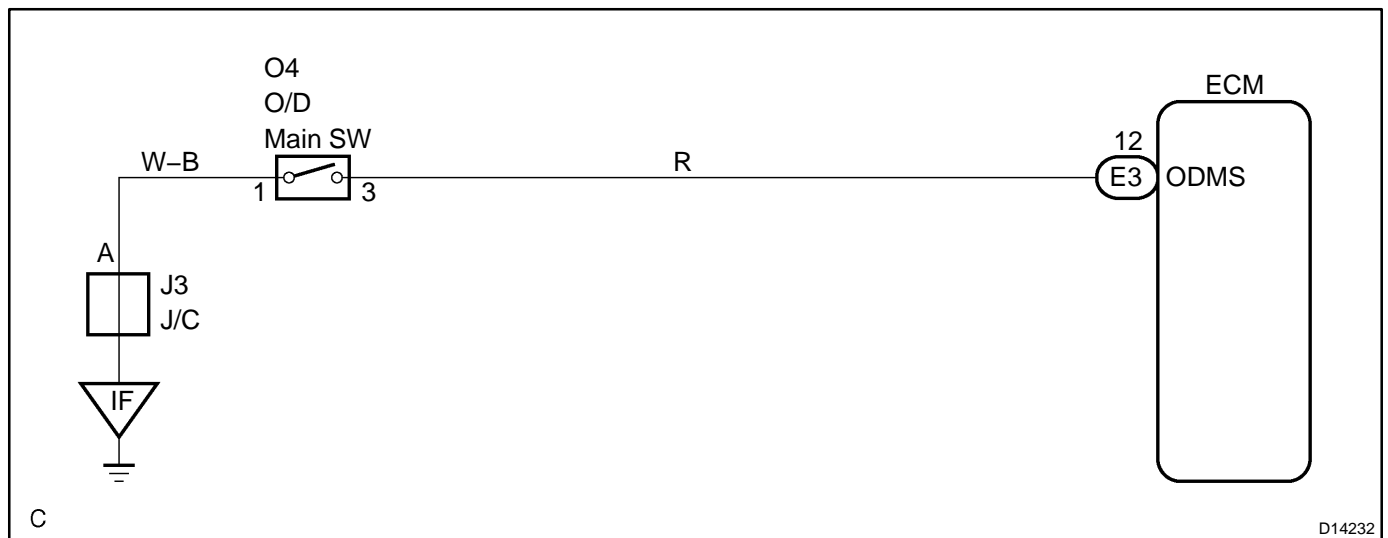


O/D Main Switch Circuit

CIRCUIT DESCRIPTION

The O/D main switch (transmission control switch) is a momentary type switch. When pressing the O/D main switch once, the O/D OFF indicator light comes on and the ECM prohibits shifting into O/D. 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.

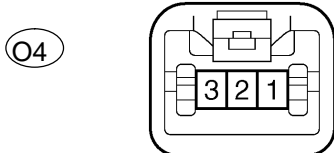
WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check harness and connector (O/D main switch – body ground)

Wire Harness Side:
(Connector Front View):

**PREPARATION:**

Disconnect the O/D main switch connector.

CHECK:

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

OK:

Tester Connection	Specified Condition
1 – Body ground	Below 1 Ω

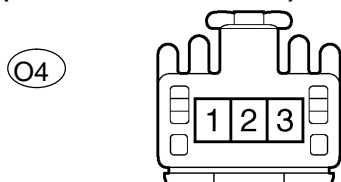
NG

**Repair or replace the harness or connector
(See page [IN-30](#)).**

OK

2 Inspect O/D main switch.

Switch Side:
(Connector Front View):

**CHECK:**

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

OK:

Switch Condition	Tester Connection	Specified Condition
O/D main switch pressed and held	1 – 3	Below 1 Ω
O/D main switch released	\uparrow	10 k Ω or higher

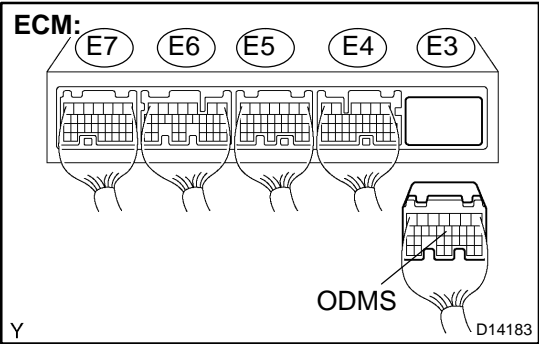
NG

Replace O/D main switch (See page [AT-19](#)).

OK

3

Check harness and connector (O/D main switch – ECM).



PREPARATION:

- (a) Connect the O/D main switch connector.
- (b) Disconnect the connector from the ECM.

CHECK:

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

OK:

Switch Condition	Tester Connection	Specified Condition
O/D main switch pressed and held	E3 – 12 (ODMS) – Body ground	Below 1 Ω
O/D main switch released	↑	10 kΩ or higher

NG

Repair or replace the harness or connector (See page [IN-30](#)).

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-971](#)).