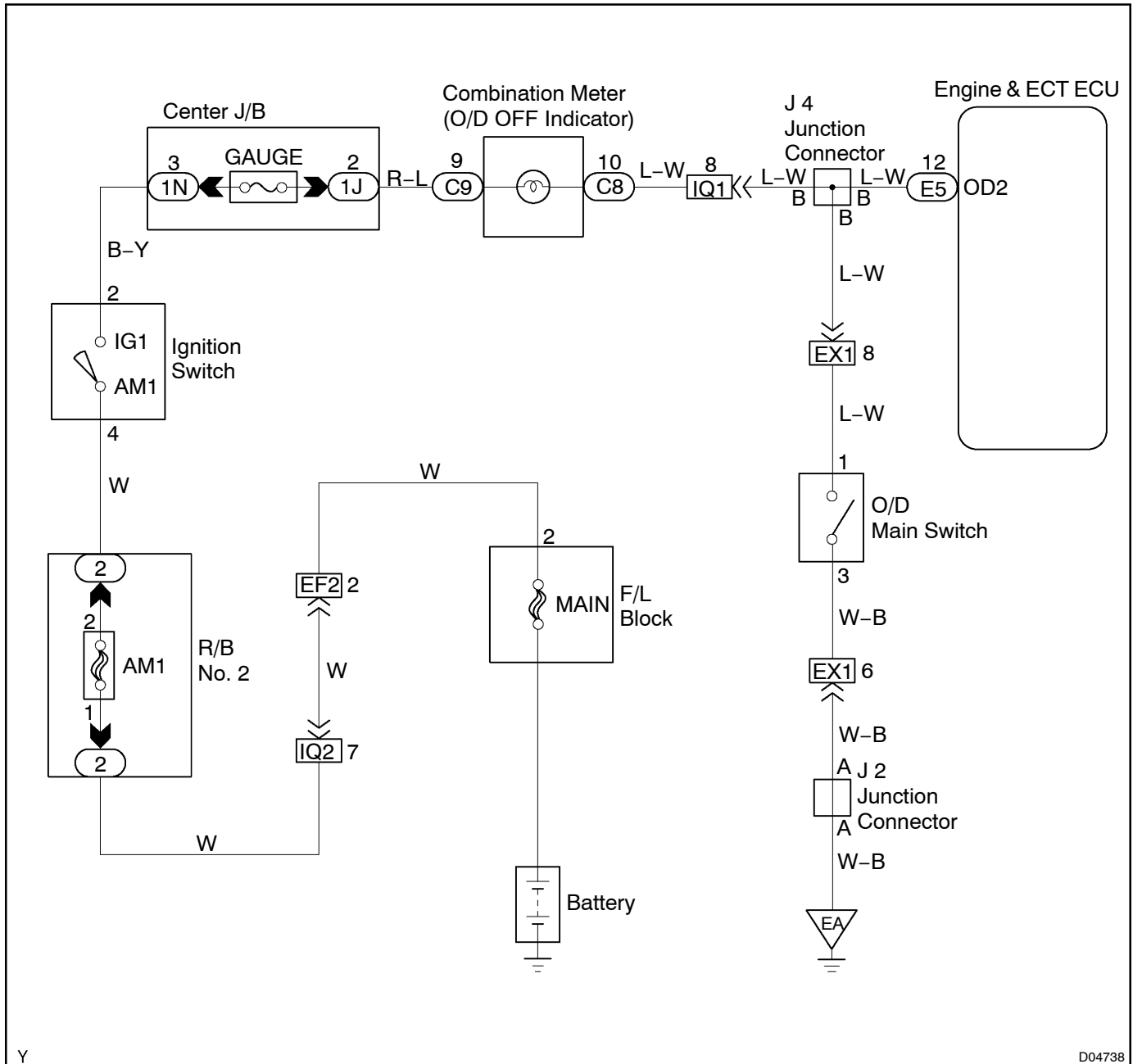


## O/D Main Switch & O/D OFF Indicator Light Circuit

### CIRCUIT DESCRIPTION

The O/D main switch contacts go open when the switch is pushed in and go closed when it is pushed out. When O/D main switch is OFF, the O/D OFF indicator light lights up, and the Engine & ECT ECU prohibits shifting O/D.

### WIRING DIAGRAM

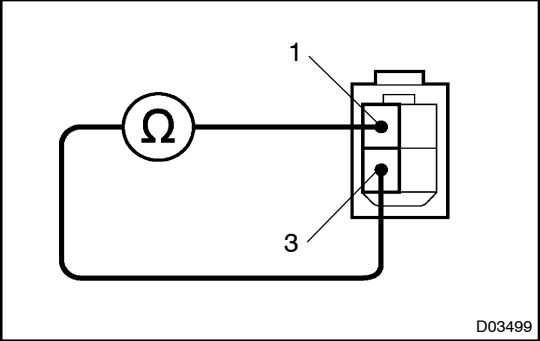


INSPECTION PROCEDURE

O/D OFF Indicator light does not light up

1

Check O/D main switch.



**PREPARATION:**  
Disconnect the O/D main switch connector.

**CHECK:**  
Check continuity at each terminal of the O/D main switch connector.

**OK:**

| O/D main switch | Specified condition |
|-----------------|---------------------|
| ON              | No continuity       |
| OFF             | Continuity          |

OK

NG

Replace the O/D main switch.

2

Check and replace combination meter (See page BE-20).

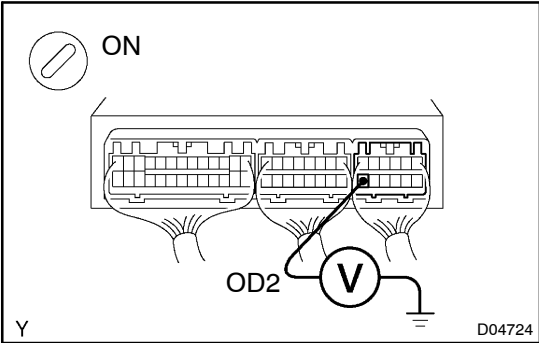
OK

NG

Replace the combination meter.

3

Check OVRDRIVE CUT SW2 signal.



**PREPARATION:**

Turn the Ignition switch ON.

**CHECK:**

Check voltage between terminal OD2 of the Engine & ECT ECU and body ground.

**OK:**

| O/D main switch condition      | Voltage   |
|--------------------------------|-----------|
| O/D ON (Pushed in)             | 9 – 14 V  |
| O/D OFF (Pushed in once again) | Below 3 V |

OK

Check and replace the Engine & ECT ECU (See page N-30).

NG

4

Check harness and connector between O/D OFF Indicator light and Engine & ECT ECU (See page N-30).

NG

Repair or replace the harness or connector.

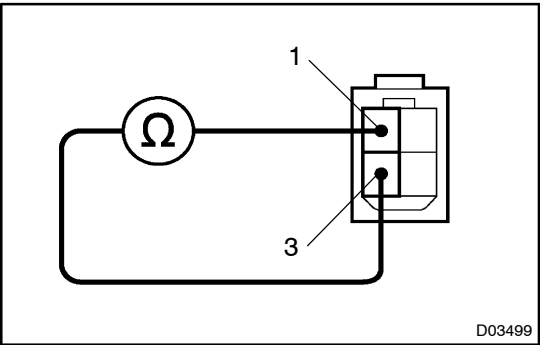
OK

Check and replace the Engine & ECT ECU (See page N-30).

O/D OFF Indicator light remains ON

1

Check O/D main switch.



**PREPARATION:**  
Disconnect the O/D main switch connector.

**CHECK:**  
Check continuity at each terminal of the O/D main switch connector.

**OK:**

| O/D main switch | Specified condition             |
|-----------------|---------------------------------|
| ON              | $\infty \Omega$ (No continuity) |
| OFF             | $0 \Omega$ (Continuity)         |

OK

NG

Replace the O/D main switch.

2

Check harness and connector between O/D OFF Indicator light and O/D main switch, O/D OFF Indicator light and Engine & ECT ECU (See page IN-30).

OK

NG

Repair or replace the harness or connector.

Check and replace the Engine & ECT ECU (See page IN-30).