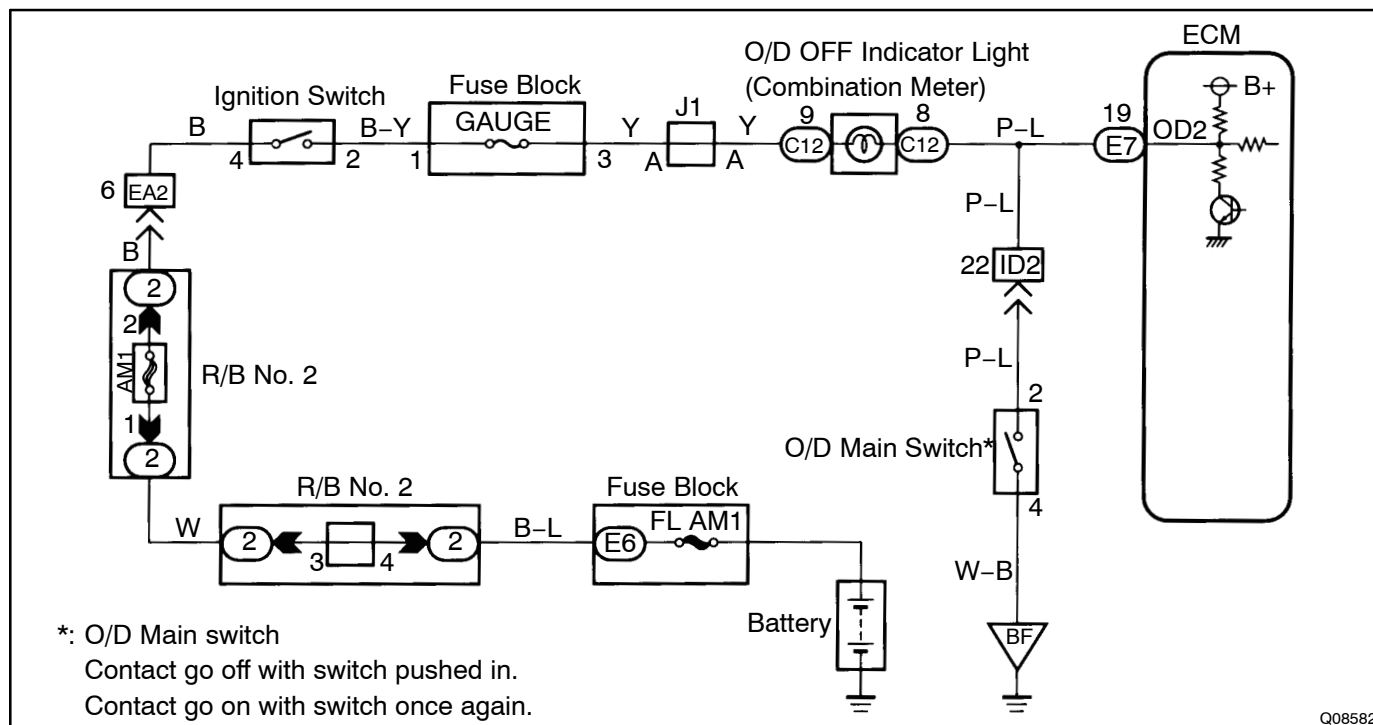


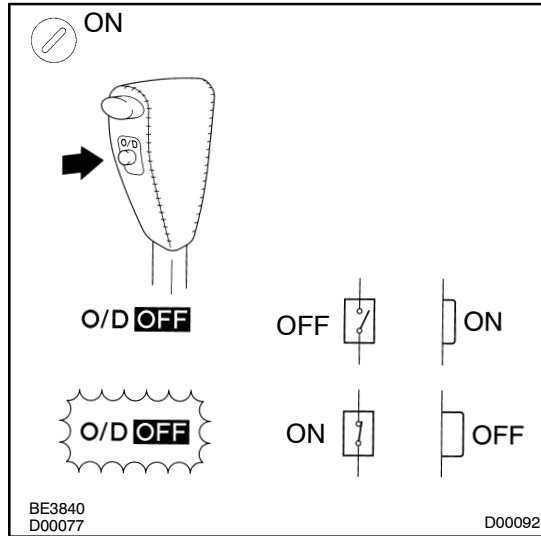
CIRCUIT DESCRIPTION

WIRING DIAGRAM



INSPECTION PROCEDURE**O/D OFF indicator light does not light up:**

1	Check operation of O/D main switch.
----------	--

**CHECK:**

- (a) Turn the ignition switch ON.
- (b) Check the O/D OFF indicator light when the O/D main switch is pushed in to ON.

OK:**O/D OFF indicator light goes off****CHECK:**

Check the O/D OFF indicator light when the O/D main switch is pushed again to OFF.

OK:**O/D OFF indicator light lights up**

NG	Go to step 4.
-----------	----------------------

OK

2**Check OVRDRIVE CUT SW2 signal.****When using TOYOTA hand-held tester:****PREPARATION:**

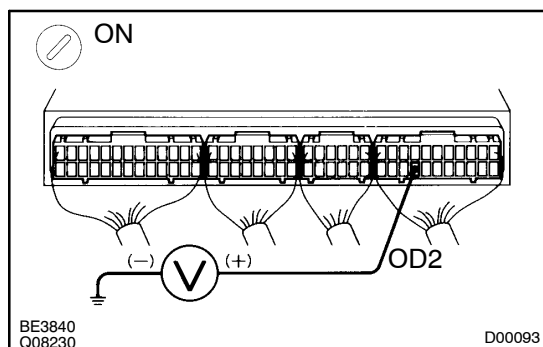
- (a) Remove the fuse box cover.
- (b) Connect a TOYOTA hand-held tester to the DLC3.
- (c) Turn the ignition switch ON and TOYOTA hand-held tester main switch ON.

CHECK:

Read the OVRDRIVE CUT SW2 signal on the TOYOTA hand-held tester.

OK:

O/D Main Switch	OVRDRIVE CUT SW2 Signal
O/D ON (pushed in)	OFF
O/D OFF (pushed out)	ON

**When not using TOYOTA hand-held tester:****PREPARATION:**

Turn the ignition switch ON.

CHECK:

Check the voltage between terminal OD2 of the ECM and body ground.

OK:

O/D Main Switch	Voltage
O/D ON	9 – 14 V
O/D OFF	Below 3 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-147](#)).

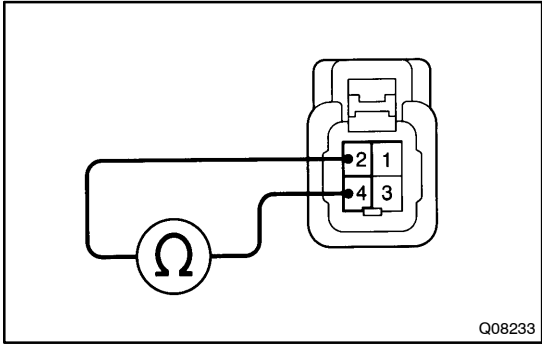
NG**3****Check harness and connector between O/D OFF indicator light and ECM (See page [IN-28](#)).****NG**

Repair or replace harness or connector.

OK

Check and replace ECM.

4 Check O/D main switch.



CHECK:

- (a) Disconnect the O/D main switch connector.
- (b) Measure the resistance between terminals 2 and 4 of the O/D main switch connector.

OK:

O/D Main Switch	Resistance
ON	$\infty \Omega$ (open)
OFF	0 Ω (continuity)

NG

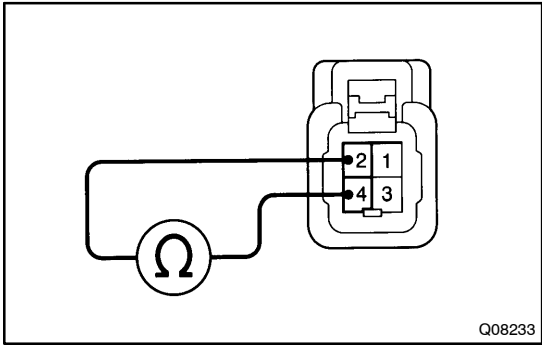
Replace O/D main switch.

OK

**Check and replace the combination meter
(See page [BE-32](#)).**

O/D OFF indicator light remains ON:

1 Check O/D main switch.



CHECK:

- (a) Disconnect the O/D main switch connector.
- (b) Measure the resistance between terminals 2 and 4 of the O/D main switch connector.

OK:

O/D Main Switch	Resistance
ON	$\infty \Omega$ (open)
OFF	0 Ω (continuity)

NG

Replace O/D main switch.

OK

2	Check harness and connector between O/D OFF indicator light and O/D main switch, and O/D OFF indicator light and ECM (See page IN-28).
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NG**Repair or replace harness or connector.****OK****Check and replace ECM.**