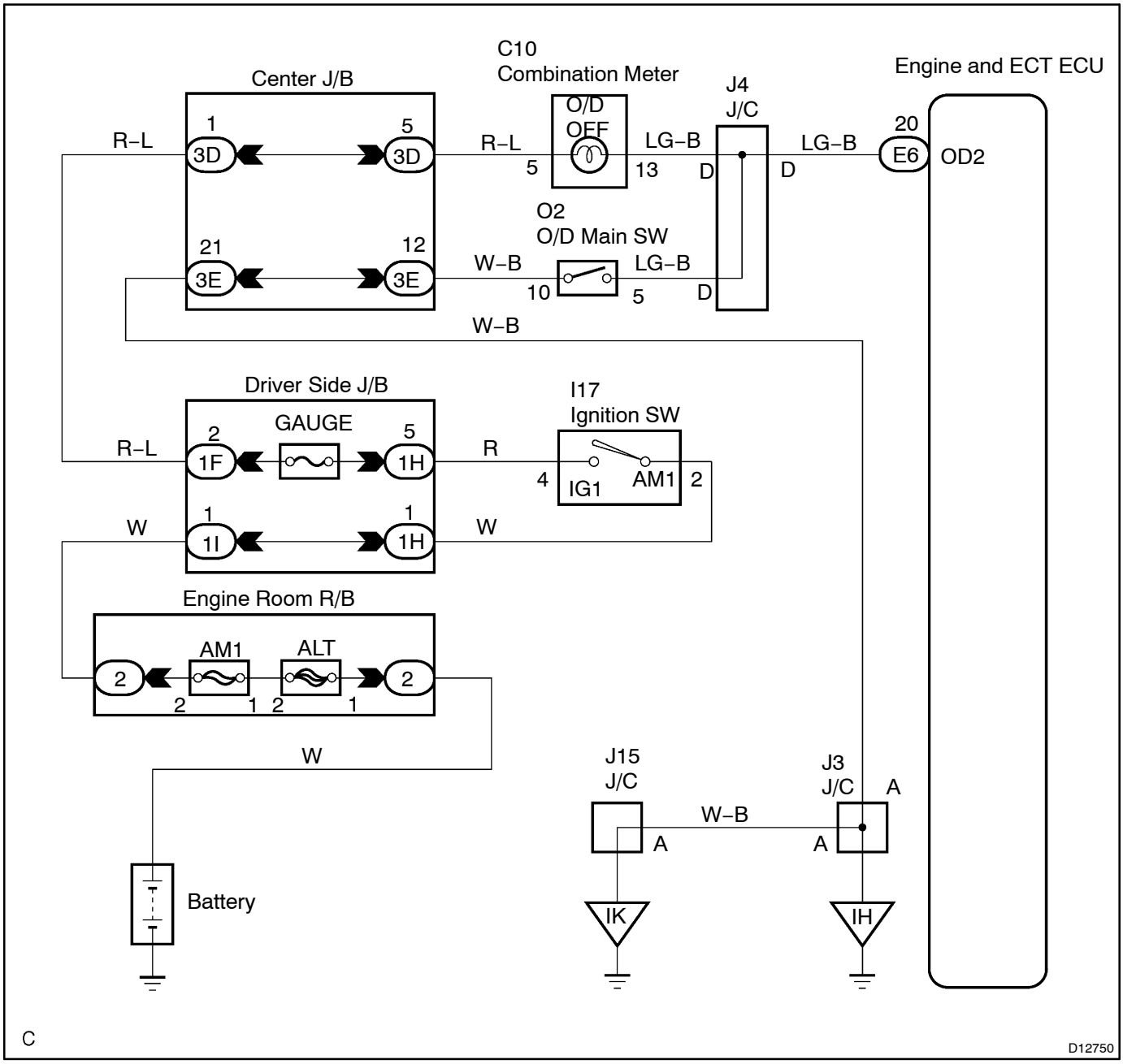
O/D Main Switch & O/D OFF Indicator Light Circuit

CIRCUIT DESCRIPTION

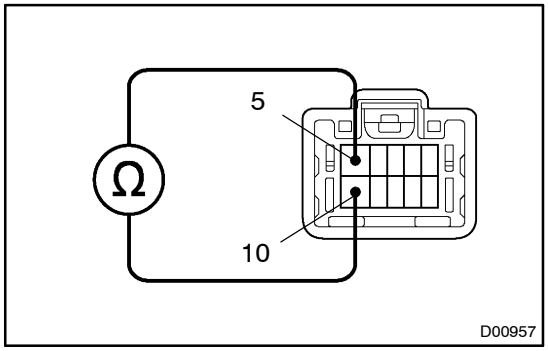
The O/D main switch contacts go open when the switch is pushed in and go closed when it is pushed out. In O/D main switch at OFF position, the O/D OFF indicator light lights up, and the Engine & ECT ECU prohibits shifting O/D.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	**Check O/D main switch.**



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

O/D main switch condition	Specified condition
O/D main switch ON (O/D OFF)	Continuity
O/D main switch OFF (O/D ON)	No continuity

NG → **Replace the O/D main switch.**

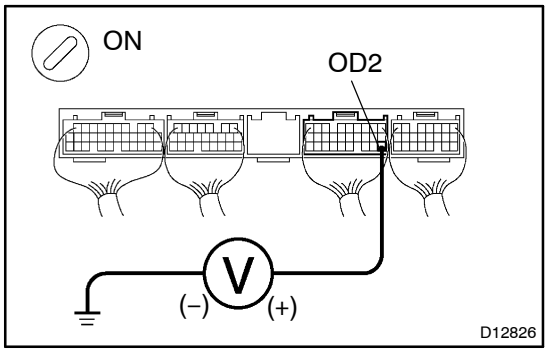
OK

2	**Check and replace combination meter (See page BE–1).**

NG → **Replace the combination meter.**

OK

3	**Check voltage between terminal OD2 of Engine & ECT ECU connector and body ground.**



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 main switch ON (O/D OFF)	Below 3 V
O/D main switch OFF (O/D ON)	9 – 14 V

NG → **Repair or replace harness or connector.**

OK

Check and replace Engine & ECT ECU (See page IN–26).