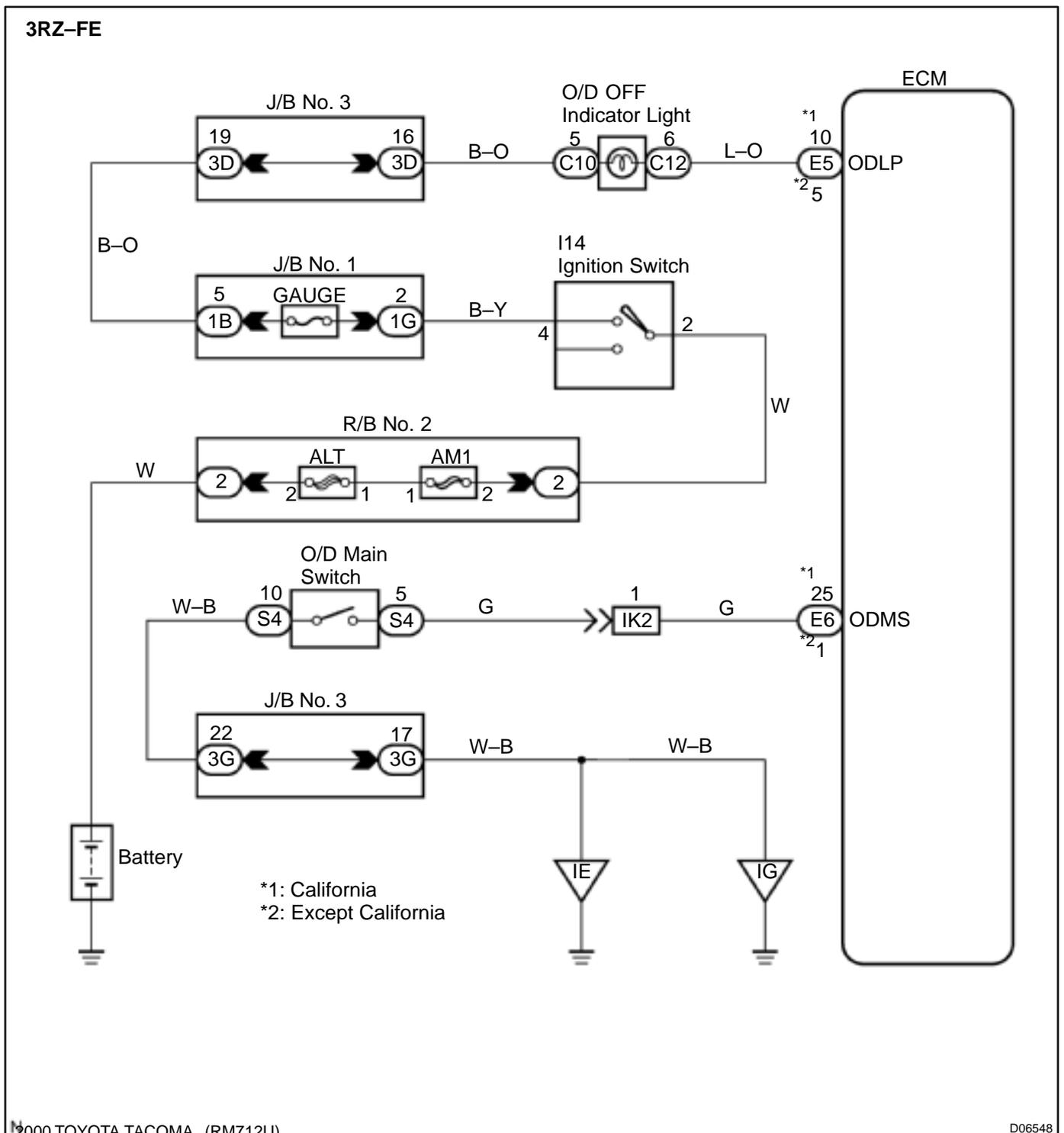


O/D Main Switch & O/D OFF Indicator Light Circuit

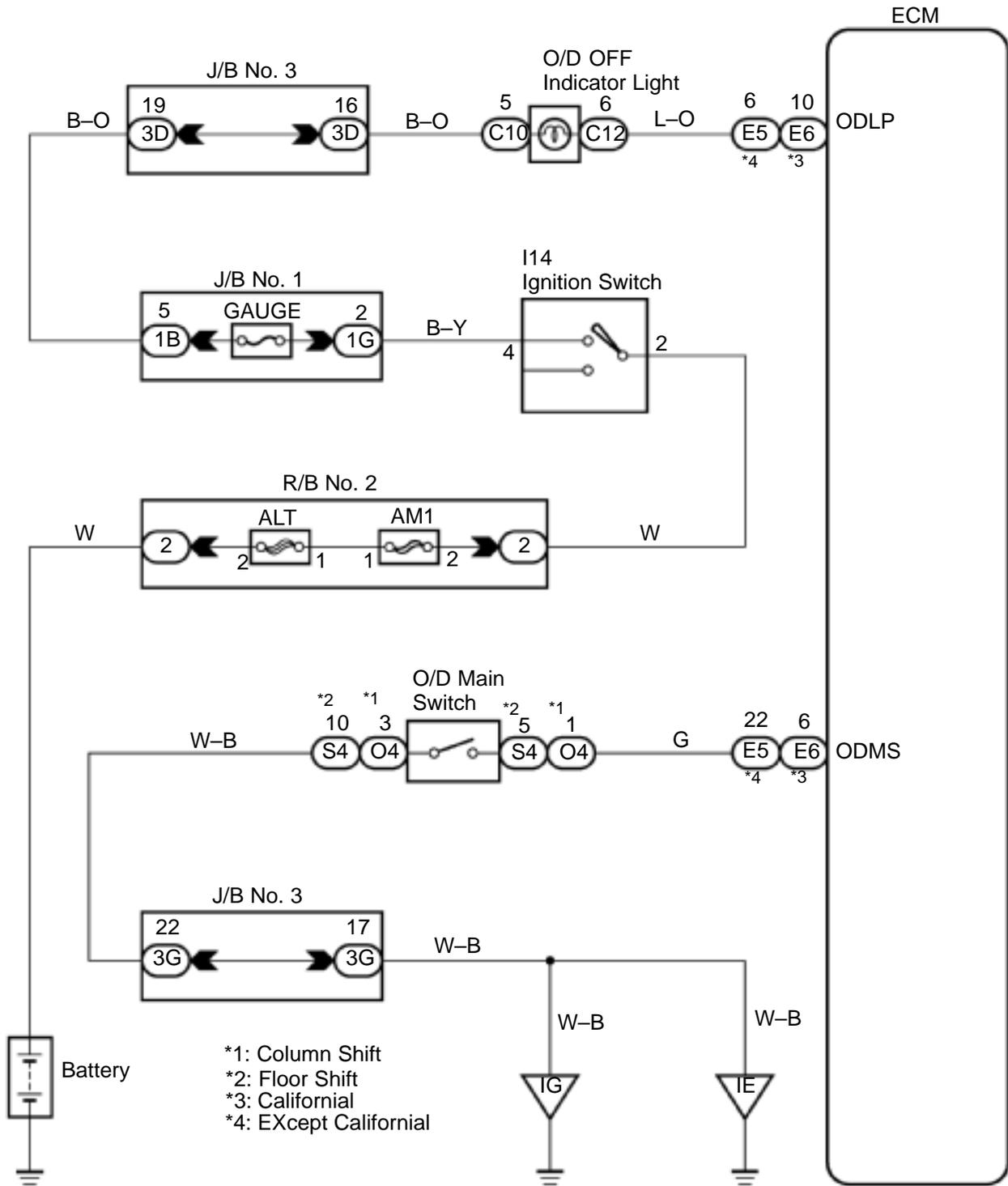
CIRCUIT DESCRIPTION

The O/D main switch is a momentary type switch. When pressing the O/D OFF main switch, the O/D OFF indicator light lights up and ECM prohibit shifting to O/D, and when pressing it again, the O/D OFF indicator light goes off and ECM allows shifting to O/D. Turning the IG switch OFF will reset the O/D OFF indicator light.

WIRING DIAGRAM



5VZ-FE



INSPECTION PROCEDURE

1	Check operation of O/D main switch.
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PREPARATION:

Turn the ignition switch ON.

CHECK:

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

OK:

- (a) O/D OFF indicator light lights up.
- (b) O/D OFF indicator light goes off.

OK	Proceed to next inspection shown on problem symptoms table (See page DI-363).
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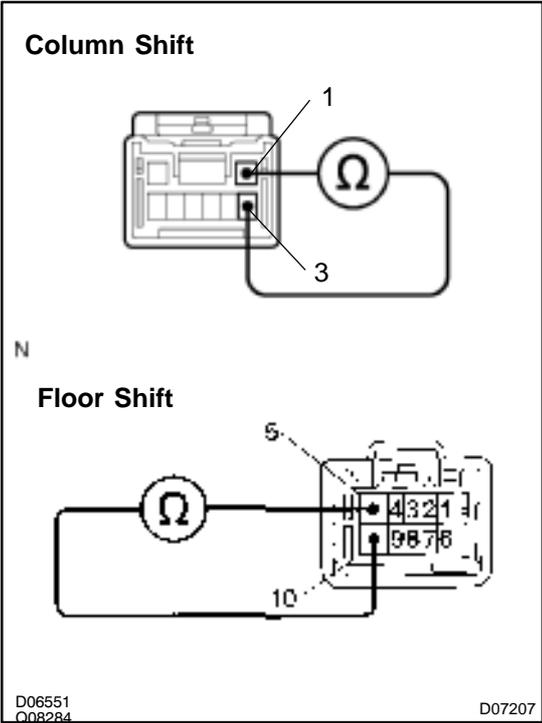
NG

2	Check and replace the combination meter (See page BE-2).
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NG	Replace the combination meter.
-----------	---------------------------------------

OK

3 Check O/D main switch.



PREPARATION:

Disconnect the O/D main switch connector.

CHECK:

- (a) Column shift:
Check continuity between 1 and 3 of the O/D main switch connector.
- (b) Floor shift:
Check continuity between 5 and 10 of the O/D main switch connector.

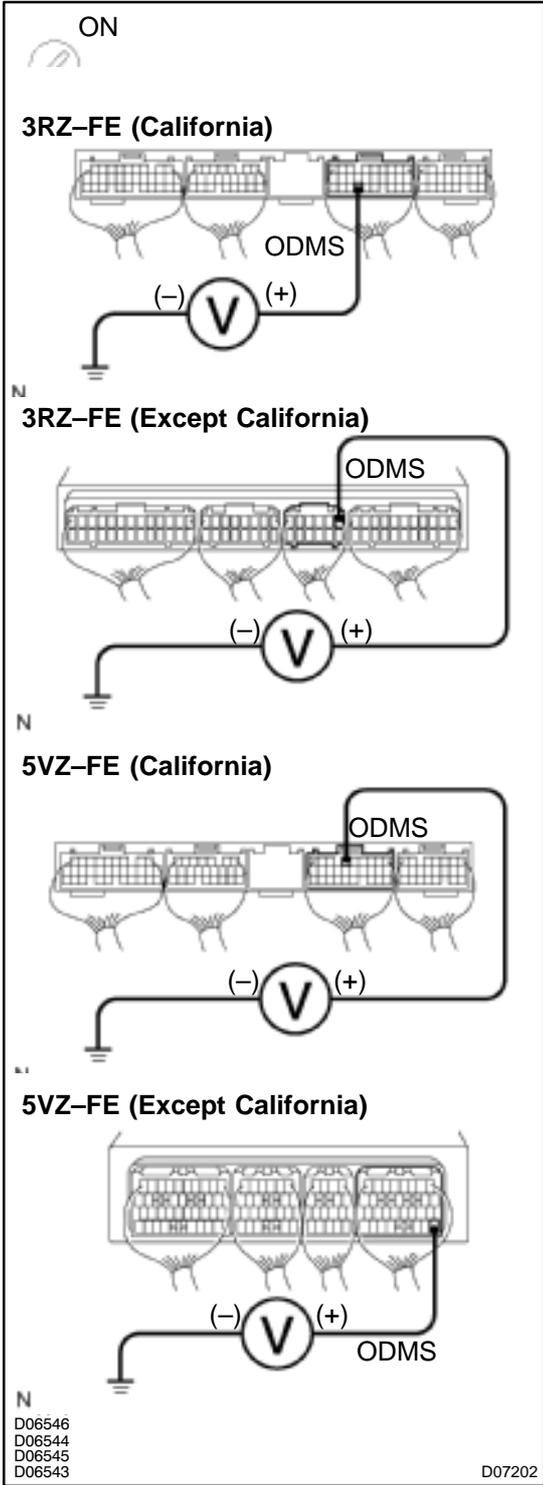
OK:

O/D main switch condition	Specified condition
Press continuously O/D main switch	Continuity
Release O/D main switch	No continuity

NG Replace and repair O/D main switch.

OK

4 Check voltage between terminal ODMS of ECM and body ground.



PREPARATION:

Turn the ignition switch ON.

CHECK:

Check voltage between terminal ODMS of ECM and body ground when O/D main switch is ON and OFF.

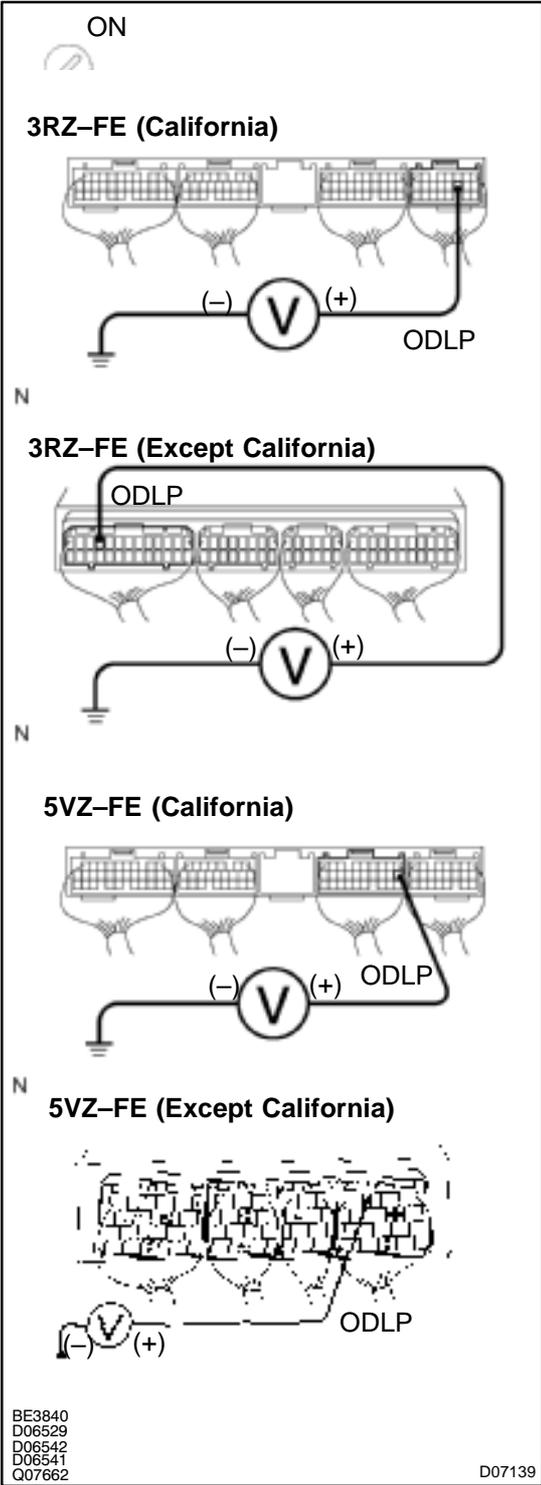
OK:

O/D main switch	Specified voltage
Press continuously O/D main switch	Below 1.0 V
Release O/D main switch	10 - 14 V

NG

OK Check and replace the ECM (See page [IN-28](#)).

5 Check voltage between terminal ODLP of ECM and body ground.



PREPARATION:

- (a) Disconnect the connector of ECM.
- (b) Turn the ignition switch ON.

CHECK:

Check voltage between terminal ODLP of ECM and body ground.

OK:

Voltage: 7.5 – 14 V

OK → Check and replace the ECM (See page [IN-28](#)).

NG

Check and replace harness and connector between combination meter and ECM, O/D main switch and ECM, O/D main switch and body ground (See page [IN-28](#)).