

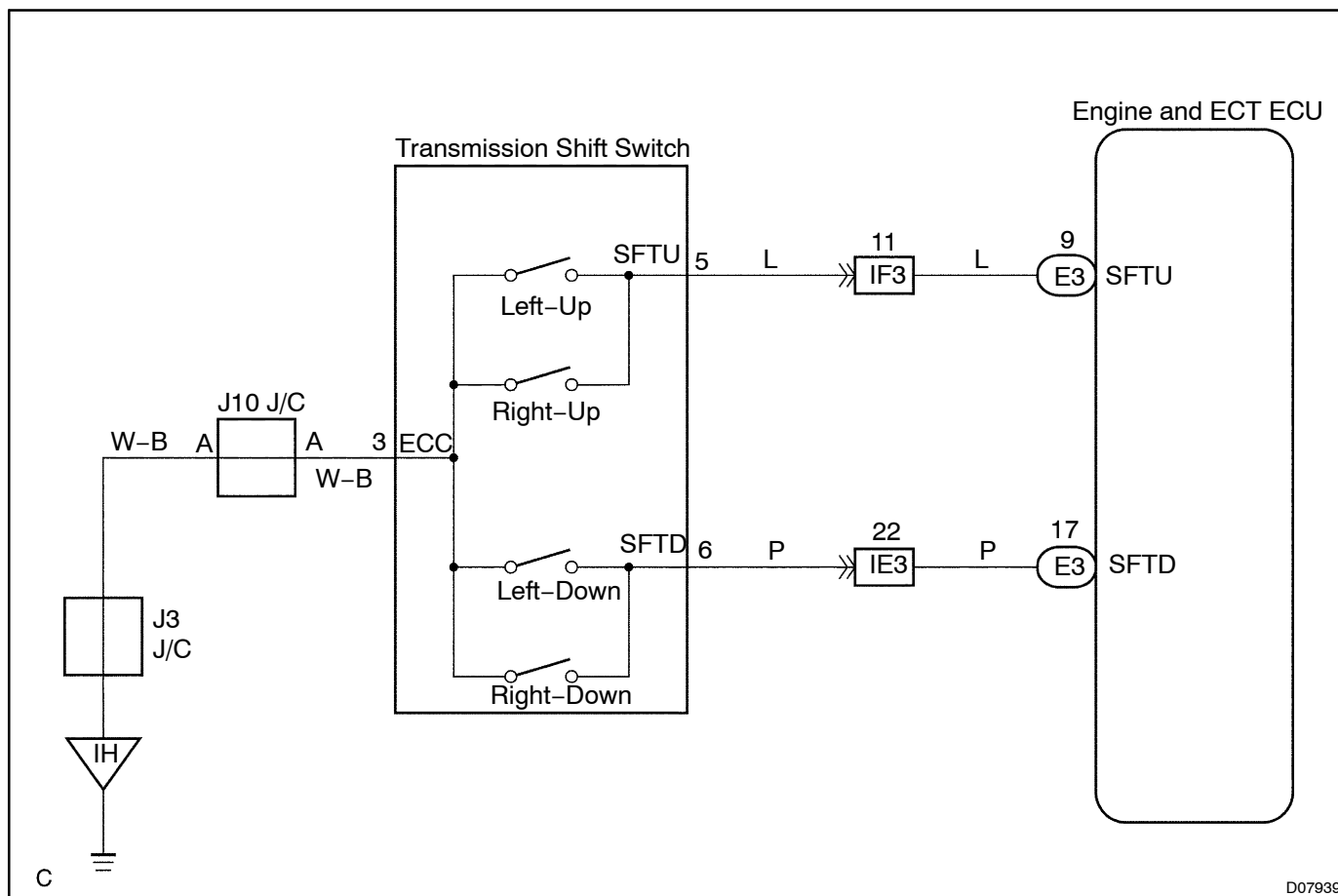
Transmission Shift Switch Circuit

CIRCUIT DESCRIPTION

When shifting the shift lever in M range, using the transmission shift switch, it is possible to shift in 2 – 4 positions.

Pressing "Up switch" once shifts up 1 position, "Down switch" once shifts down 1 position respectively.

WIRING DIAGRAM



D07939

INSPECTION PROCEDURE

1 Check the E-shift main switch (See page DI-64).

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Replace the E-shift main switch.

OK

2 Check operation of transmission shift switch.

PREPARATION:

- (a) Turn the ignition switch ON.
- (b) Shift the shift lever into the M range.

CHECK:

Check the odo trip display panel when the transmission shift switch is pressed.

OK:

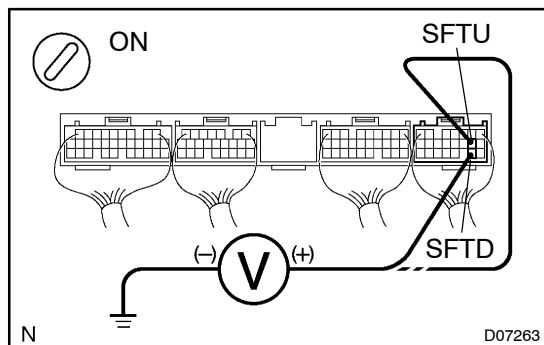
Switch condition	Odo trip display panel
"Up" switch press	Shift up
"Down" switch press	Shift down

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Go to step 5 .

OK

3 Check voltage between each of terminals SFTU and SFTD of Engine and ECT ECU and body ground.



PREPARATION:

- Turn ignition switch ON.
- Remove the Engine and ECT ECU with connectors still connected.

CHECK:

Check voltage between each terminals of SFTU and SFTD of Engine and ECT ECU and body ground.

OK:

Switch condition	Tester connection	Specified condition
"Up" switch held pressing	SFTU – Body ground	10 – 14 V
"Up" switch released		Below 1.5 V
"Down" switch held pressing	SFTD – Body ground	10 – 14 V
"Down" switch released		Below 1.5 V

OK

Proceed to next circuit inspection shown in problem symptoms table ([See page DI-21](#)).

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4 Check harness and connector between battery and Engine and ECT ECU, Engine and ECT ECU and odo trip display panel ([See page IN-30](#)).

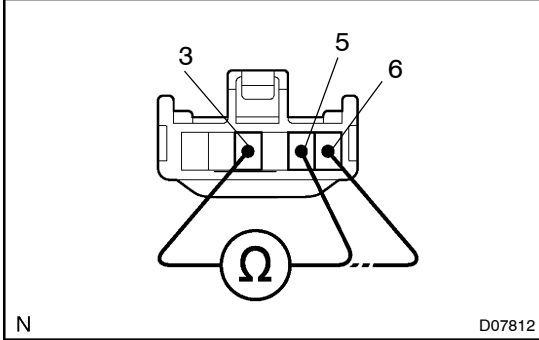
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Repair or replace harness or connector.

OK

Check and replace Engine and ECT ECU ([See page IN-30](#)).

5 Check transmission shift switch.



PREPARATION:

- (a) Remove the steering wheel pad.
- (b) Disconnect the transmission shift switch connector.

CHECK:

Check continuity between each terminal of transmission shift switch connector.

OK:

Switch condition	Tester connection	Specified value
"Up" switch pressed	3 – 5	Continuity
"Up" switch released		No continuity
"Down" switch pressed	3 – 6	Continuity
"Down" switch released		No continuity

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Replace the steering wheel.

OK

Check and replace combination meter (See combination meter troubleshooting section on [page BE-2](#)).