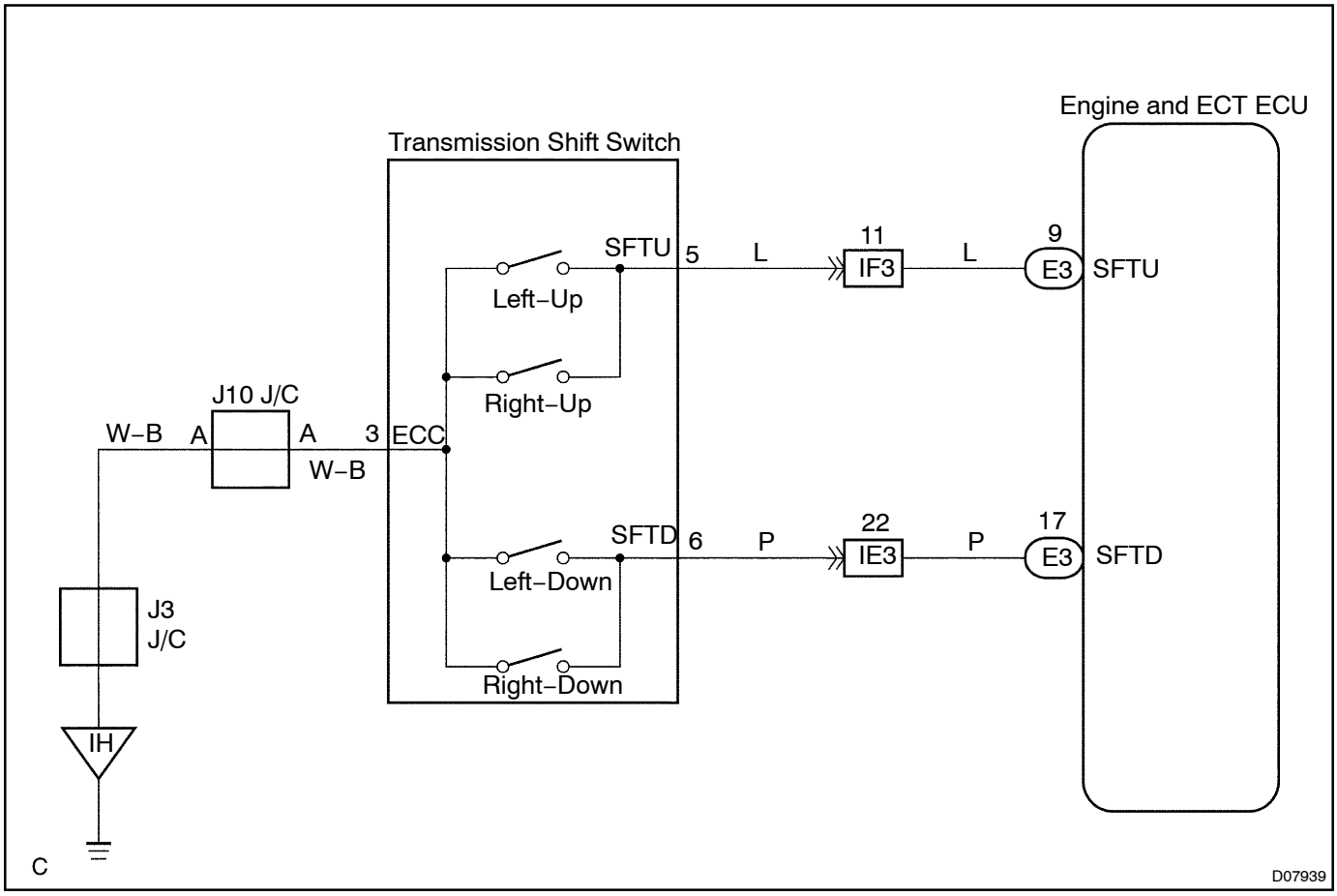
DI6T0–01

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



INSPECTION PROCEDURE

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

NG → 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.

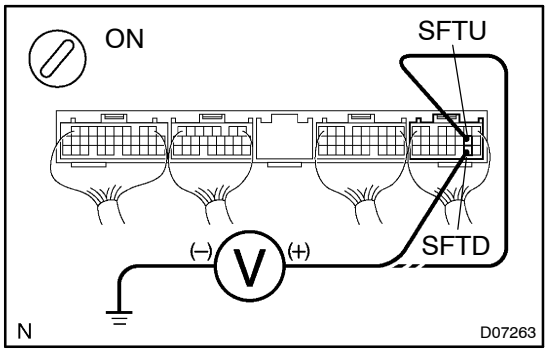
OK:

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

NG → Go to step 5 .

OK

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



PREPARATION:

(a) Turn ignition switch ON.

(b) 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
"Dowm" switch released		Below 1.5 V

OK → **Proceed to next circuit inspection shown in problem symptoms table (See page DI–21).**

NG

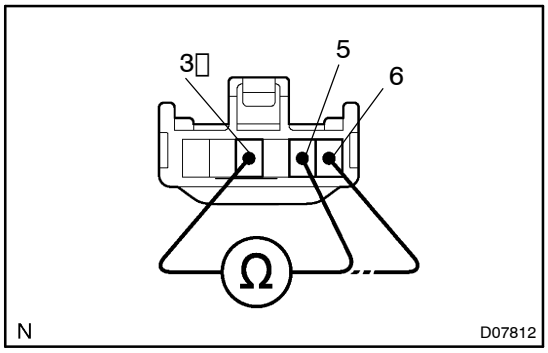
4	Check harness and connector between battery and Engine and ECT ECU, Engine and ECT ECU and odo/trip display panel (See page IN–30).

NG → **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

NG → Replace the steering wheel.

OK

Check and replace combination meter (See combination meter troubleshooting section on page BE–2).