

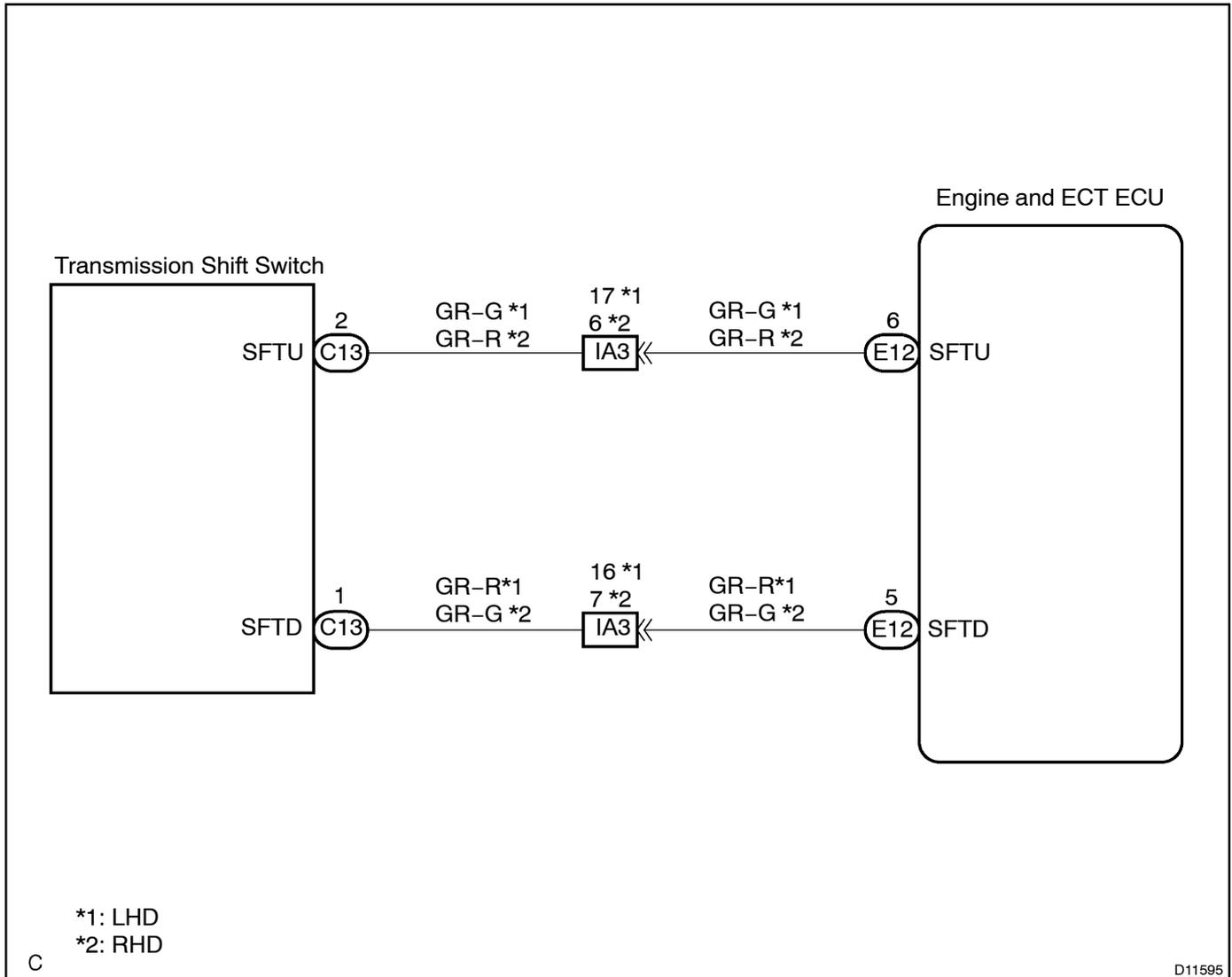
Transmission Shift Switch Circuit

CIRCUIT DESCRIPTION

When shifting the shift lever in M range, using the transmission shift switch, it is possible to shift in 2 – 5 ranges.

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

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check the E-shift main switch (See page DI-240).

NG

Replace the E-shift main switch (See page AT-24).

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:

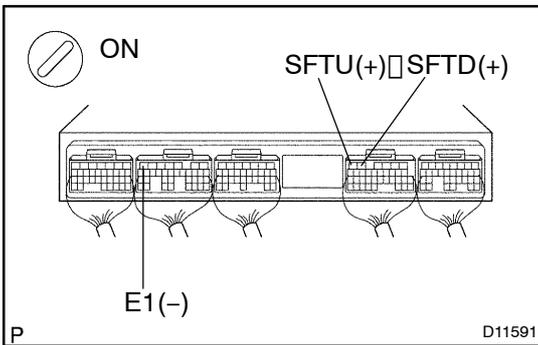
Switch condition	Odo trip display panel
"Up" switch press	Shift Up
"Down" switch press	Shift Down

OK

Check and replace the Engine and ECT ECU (See page IN-34).

NG

3 Check voltage between each of terminals SFTU, SFTD and E1 of Engine and ECT ECU.



PREPARATION:

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

CHECK:

Check voltage between each terminals of SFTU or SFTD and E1 of Engine and ECT ECU.

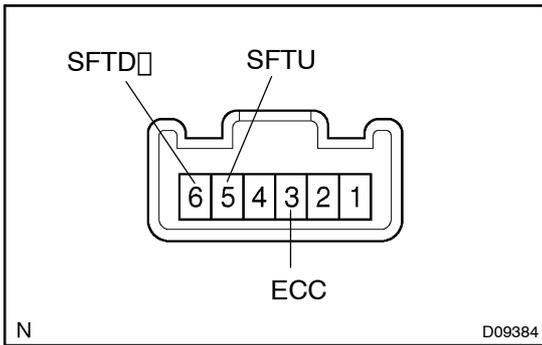
OK:

Switch condition	Tester connection	Specified condition
"Up" switch held pressing	SFTU - E1	7 - 4V
"Up" switch released		Below 0.5V
"Down" switch held pressing	SFTD - E1	7 - 4V
"Down" switch released		Below 0.5V

OK

Proceed to next circuit inspection shown in problem symptoms table (See page DI-190).

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4 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	No continuity
"Up" switch released		Continuity
"Down" switch pressed	3 - 6	No continuity
"Down" switch released		Continuity

NG**Replace the steering wheel (See page SR-7).****OK**

Repair or replace harness or connector (See page N-34).