

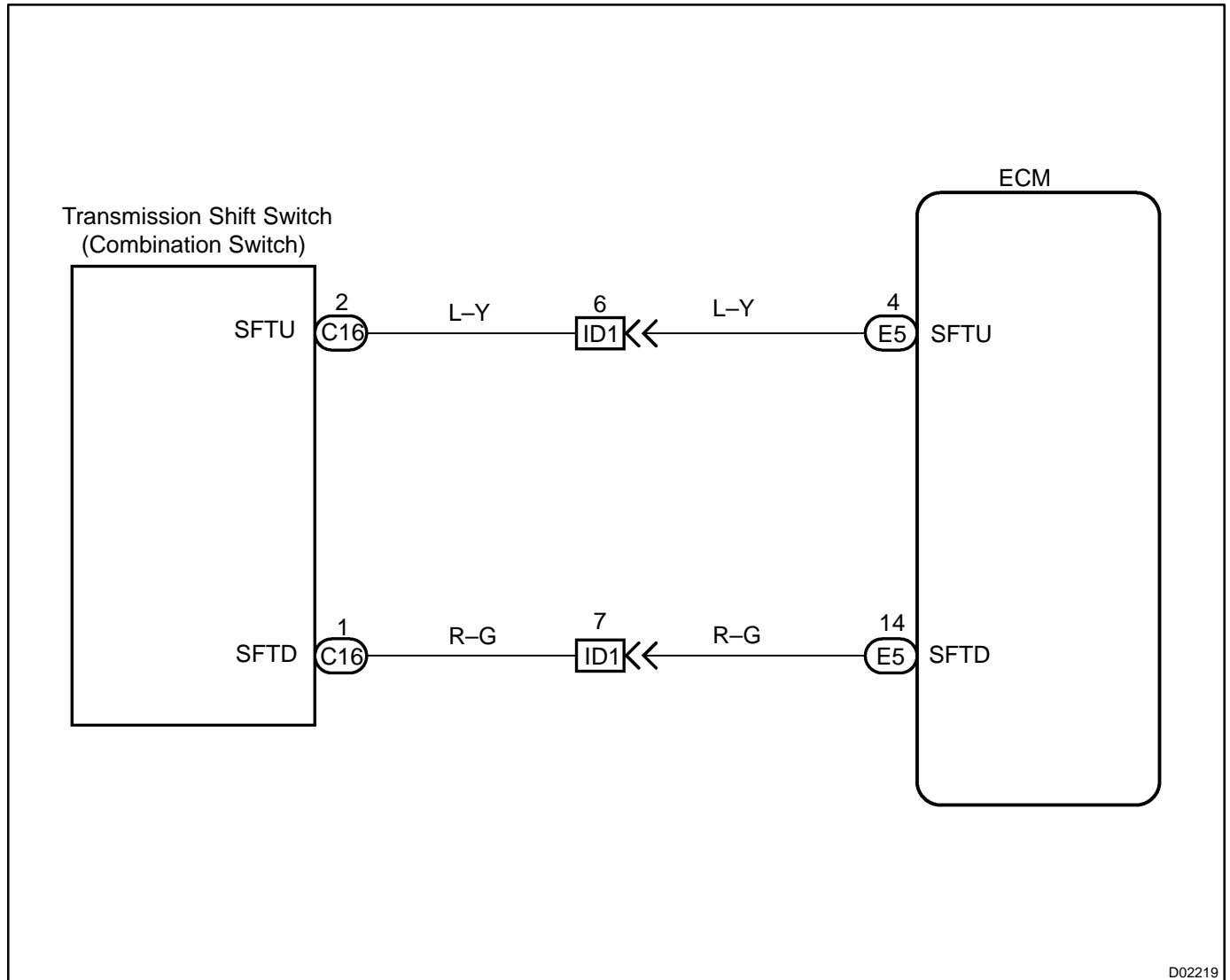
Transmission Shift Switch Circuit

CIRCUIT DESCRIPTION

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

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

WIRING DIAGRAM



INSPECTION PROCEDURE

- | | |
|----------|-------------------------------------------------------------------------------------|
| 1 | Check the shift lock control unit assembly (See page AT-16). |
|----------|-------------------------------------------------------------------------------------|

NG**Replace the shift lock control unit assembly.****OK**

- | | |
|----------|------------------------------------------------------|
| 2 | Check operation of transmission shift switch. |
|----------|------------------------------------------------------|

PREPARATION:

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

CHECK:

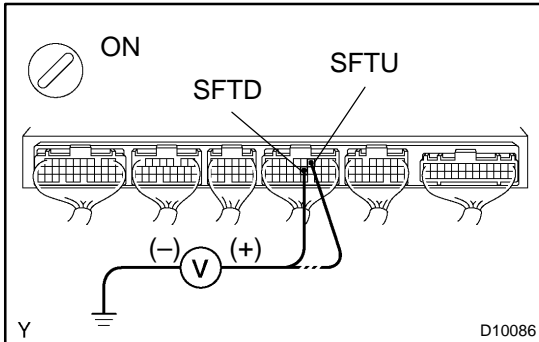
Check the odo trip display panel when the transmission shift switch is pressed.

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 ECM and body ground.



PREPARATION:

- Turn ignition switch ON.
- Remove the ECM with connectors still connected.

CHECK:

Check voltage between each terminals of SFTU and SFTD of ECM and body ground.

OK:

Switch condition	Tester connection	Specified condition
"Up" switch held pressing	SFTU – Body ground	7 – 12 V
"Up" switch released		Below 3 V
"Down" switch held pressing	SFTD – Body ground	7 – 12 V
"Down" switch released		Below 3 V

OK

Proceed to next circuit inspection shown in problem symptoms table (See page [AT-16](#)).

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4 Check harness and connector between battery and ECM, ECM and odo trip display panel (See page [IN-32](#)).

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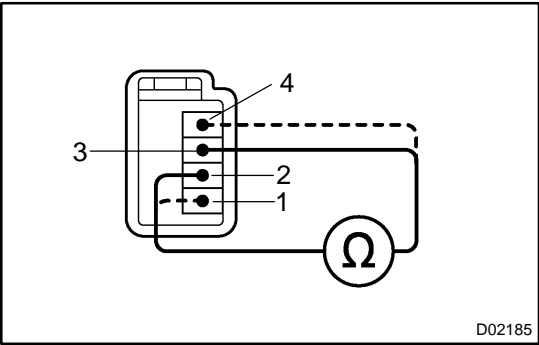
Repair or replace harness or connector.

OK

Check and replace ECM (See page [IN-32](#)).

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	1 – 4	No continuity
"Up" switch released		Continuity
"Down" switch pressed	2 – 3	No continuity
"Down" switch released		Continuity

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Replace the steering wheel.

OK

Check and replace combination meter (See combination meter troubleshooting section on page [BE-3](#)).