

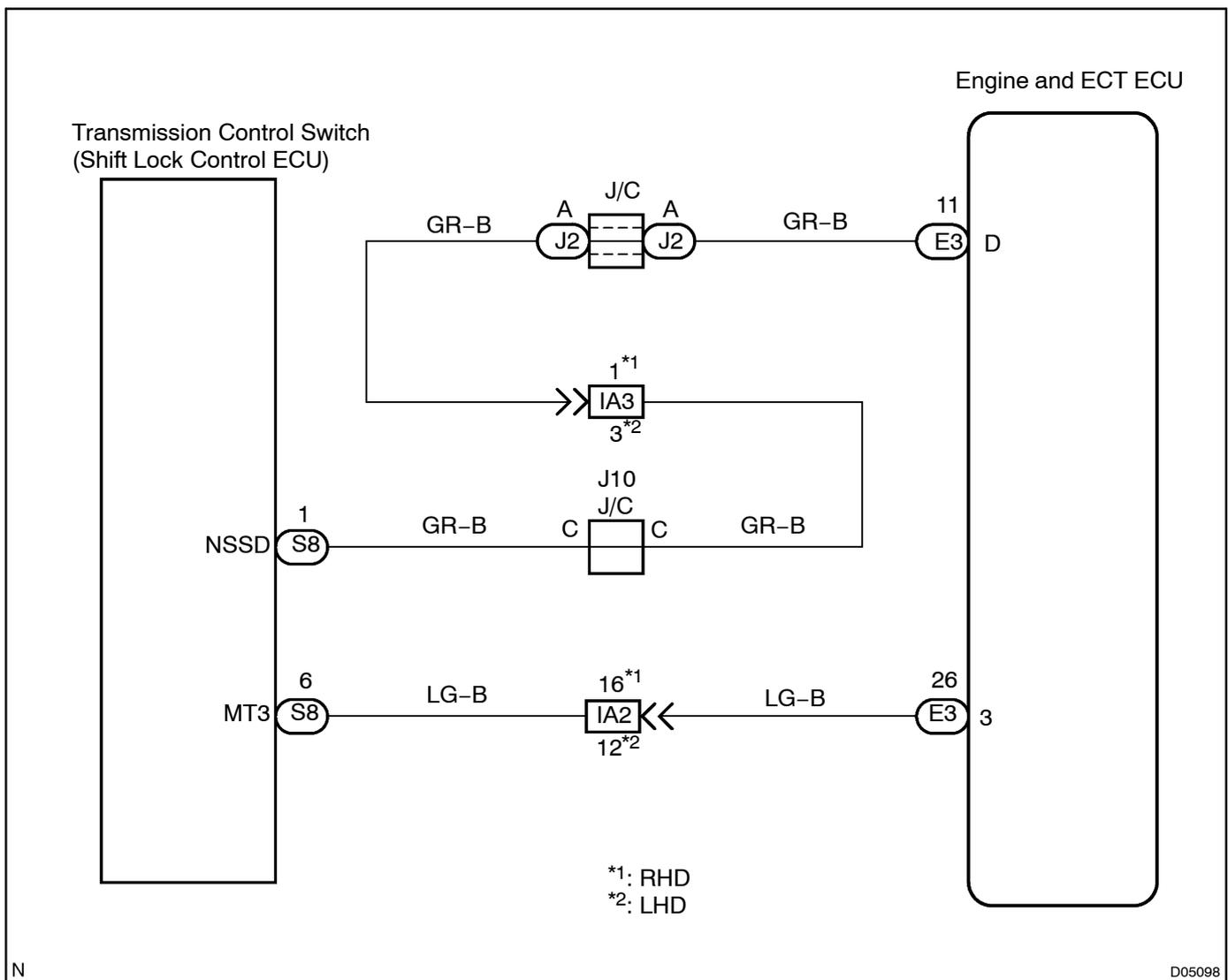
Transmission Control Switch Circuit

CIRCUIT DESCRIPTION

When the shift lever is in the 3 range (with transmission control switch for D and 3 is pressed), "3" in the shift position indicator light will come on and when the shift lever is in the D range (with transmission control switch for D and 3 is released), "D" in the shift position indicator light will come on.

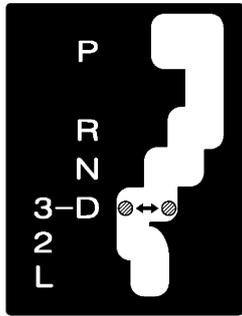
When the shift lever is in 3 range, the Engine and ECT ECU prohibits shifting to 4th.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check operation of transmission control switch.



D02191

PREPARATION:

Turn the ignition switch ON.

CHECK:

Check the shift indicator light when the shift lever is in each position

OK:

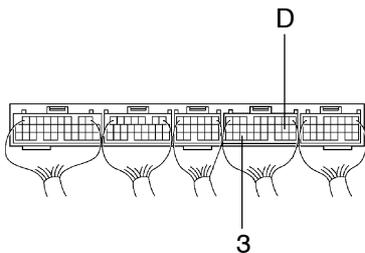
Shift Lever Position	Specified Condition
D	"D" indicator light comes on
Except D	"D" indicator light goes off
3	"3" indicator light comes on
Except 3	"3" indicator light goes off

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Go to step 4.

OK

2 Check voltage between each of terminals D, 3 of Engine and ECT ECU and body ground.



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PREPARATION:

Remove the Engine and ECT ECU with connectors still connected.

CHECK:

- Turn ignition switch ON.
- Check voltage between terminal D and 3 of Engine and ECT ECU and body ground.

OK:

Tester Connection	Shift lever position	Specified condition
D - Body ground	D or 4	9 ~ 14 V
	Except D and 4	Below 1.5 V
3 - Body ground	3	9 ~ 14 V
	Except 3	Below 1.5 V

OK

Proceed to next circuit inspection shown in problem symptoms table (See page DI-175).

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3 Check harness and connector between battery and Engine and ECT ECU, Engine and ECT ECU and shift indicator light (See page N-32).

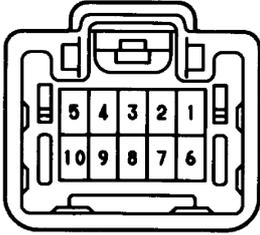
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Repair or replace harness or connector.

OK

Check and replace Engine and ECT ECU (See page N-32).

4 Check transmission control switch.



D02199

CHECK:

- (a) Disconnect the transmission control switch connector.
- (b) Check continuity between each terminal of transmission control switch connector.

OK:

Shift position	Tester connection	Specified value
3	1 - 6	Continuity
Except 3	1 - 6	No continuity

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Replace transmission control switch.

OK

Check and replace combination meter
(See combination meter troubleshooting
section on page BE-1).