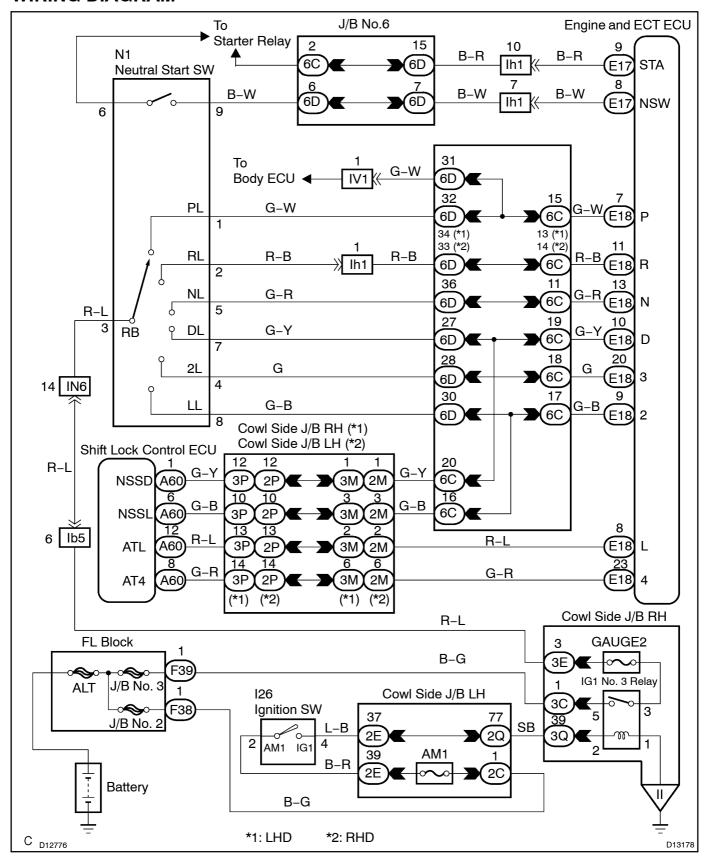
DIAVO-01

Neutral Start Switch Malfunction

CIRCUIT DESCRIPTION

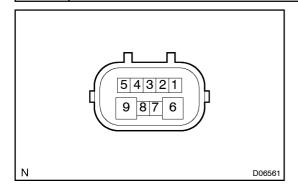
The neutral start switch detects the shift lever position and sends signals to the Engine & ECT ECU. The Engine & ECT ECU receives signals (NSW, P, R, N, D, 4, 3, 2 and L) from the neutral start switch.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check heutral start switch.



PREPARATION:

(a) Jack up the vehicle.

(b) Disconnect he heutral start witch connector.

CHECK:

Check@ontinuityDetween@achterminalShownDelowWhenthe shiftDeverDstmovedTo@achtange.

<u>OK:</u>

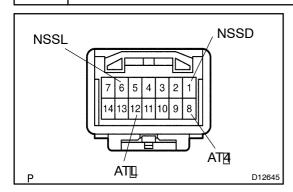
Shift[]ange	Terminal[No.[lo[continuity	Terminal[No.[lo[continuity
Р	1 – 3	6 -[9
R	2 -[3	-
N	3 –[5	6 –[9
D, [4	3 –[7	-
3	3 –[4	-
2,[]_	3 -[8	-

NG□

Replace[heutral[start[switch (See[page[AT-7)]]

ОК

2 | Check[transmission[control]switch.



PREPARATION:

- (a) Connect he heutral start witch connector.
- (b) Disconnect in e shift ock control como uter connector (transmission control witch).

CHECK:

Check_continuity_between_each_terminal_bf_shift_lock_control computer_transmission_control_switch).

OK:

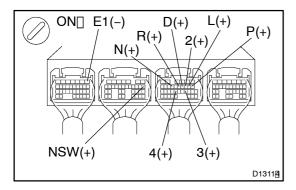
Shift[]ange	Tester[connection	Specified[]valve
D	1 - 8[[NSSD -[AT4)	No[continuity
4		Continuity
2	6 – 12[[NSSL -[ATL]	No[continuity
L		Continuity

NG

Replace the transmission control switch (See page AT-21).

OK

3□



PREPARATION:

- (a) Connect[the[shift[lock[control]computer[connector[transmission[control]switch).
- (b) Turn the ignition switch ON.

CHECK:

OK:

Tester <u></u> connection	Condition	Specified <u>[</u> condition
NSW -[Body[ground	Shift[]ever[]ange:[]P[and[]N	Below 1[V
	Shift[]ever[]ange:[Except[P[and[]N	Battery <u></u>]voltage
P-Bodyground	Shift_ever_ange:_P	Battery <u></u>]voltage
R -[Body[ground	Shift_ever_ange:_R	Battery[yoltage [*]
N -[Body[ground	Shift@ever@ange:@N	Battery <u></u>]voltage
D -[Body[ground	Shift[lever[lange:[D[and[4	Battery⊡voltage
4 –⊞ody[ground	Shift[]ever[jange:[4	Battery <u>[</u> yoltage
3 –∰ody[ground	Shift[]ever[jange:[3	Battery⊡voltage
2 –∰ody[ground	Shift[]ever[]ange:[2[and[]L	Battery <u>[</u> yoltage
L -[B ody[g round	Shift[]ever[]ange:[].	Battery[]voltage

HINT:

*: The Yoltage Will drop slightly due for ghting up of the back up light.

NG

Repair or replace the harness or connector (See page N-38).

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-119).