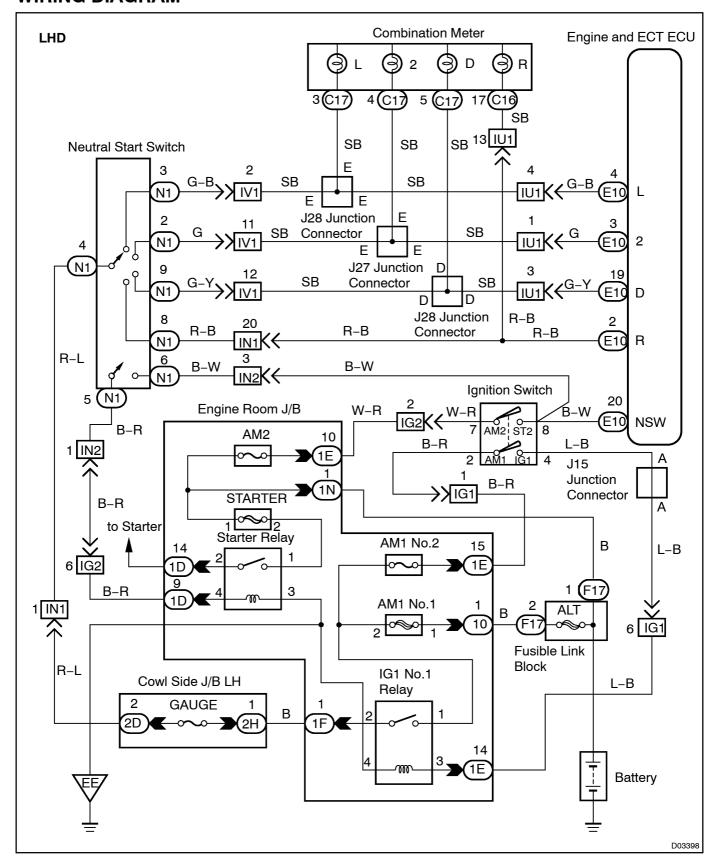
DI3RZ-01

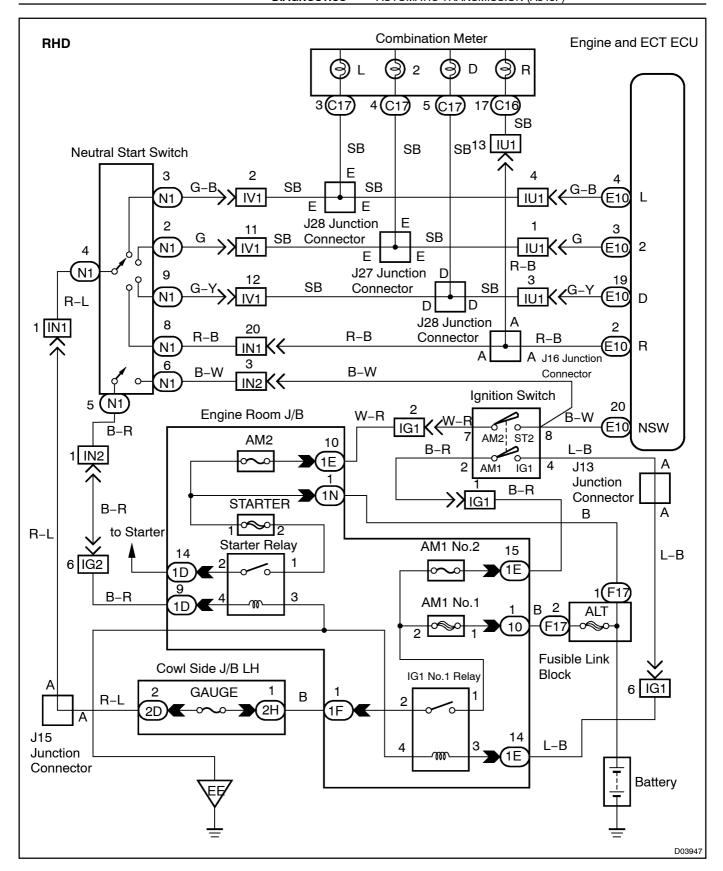
Neutral Start Switch Circuit

CIRCUIT DESCRIPTION

The neutral start switch detects the shift lever range and sends signals to the Engine and ECT ECU. The Engine and ECT ECU receives signals (NSW, R, 2 and L) from the neutral start switch. When the signal is not sent to the Engine and ECT ECU from the neutral start switch, the Engine and ECT ECU judges that the shift lever is in D range.

WIRING DIAGRAM





INSPECTION PROCEDURE

HINT:

 $In \cite{Constant} in \cite{Co$

1[

Read[PNP,[REVERSE,[DRIVE,[2ND[and[LOW[signals.

PREPARATION:

- (a) Remove the DLC3 cover.
- (b) Connect a hand-held tester to the DLC3.
- (c) Turn[the]gnition[switch[ON[and[hand-held[tester[main switch[ON.

CHECK:

Shift[] ever[] nto[] the[]P,[]R,[]N,[]4,[]3,[]2[] and[]L[] langes,[] and[] lead[] the PNP,[] REVERSE,[] DRIVE,[]2ND[] and[]LOW[] signals[] on [] the[] then the local content of the language of the languag

OK:

Shift <u></u> range	Signal
P,[N	PNP⊡OFF[→ON
R	REVERSE[[DFF[→[DN
D	DRIVE : OFF → ON
2	2ND : OFF → ON
L	LOW : OFF → ON

OK

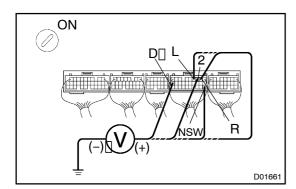
Check and replace the Engine and ECT ECU (See page N-35).

NG

Go to step 3.

2[]

$\label{lem:lemmas_pf_NSW,R,D,2,and_LofEngine} Measure \color= \color$



PREPARATION:

Turnthe ignition witch ON.

CHECK:

OK:

Tester[connection	Condition	specified <u>[</u> condition
NSW-⊪ody[ground	Shift[]ever[]ange[][P,[]N	No[battery[bositive[yoltage
R -[Body[ground	Shift[]ever[]ange[][R	Battery[positive[voltage*
D -[Body[ground	Shift[]ever[]ange[][D	Battery[positive[voltage
2 –[Body[ground	Shift[lever[]ange[][2	Battery[positive[voltage
L –[Body[ground	Shift[lever[]ange[]]_	Battery[positive[voltage

HINT:

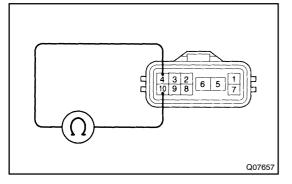
*: The Yoltage Will drop slightly due for ghting up of the back up light.



Check and replace the Engine and ECT ECU (See page N-35).

NG

3 | Check neutral start switch.



PREPARATION:

- (a) Jack up the vehicle.
- (b) Remove the heutral start switch connector.

CHECK:

Check@ontinuity[between@ach[erminalshown[below[when[the shift]]ever[]s[moved[]o[each[]ange.

<u>OK:</u>

Shift[Range	Terminal[No.[lo[continuity	Terminal[No.[lo[continuity
Р	4 -[7	5 -[6
R	4 -[8	-
N	4 – 10	5 -[6
D	4 -[9	-
2	2 -[4	-
L	2 -[3	-

NG

Replace[the[neutral[start[switch.



 $Repair \begin{tabular}{l} Per la celle a repair \begin{tabular}{l} Per la ce$