DI3B.I_01

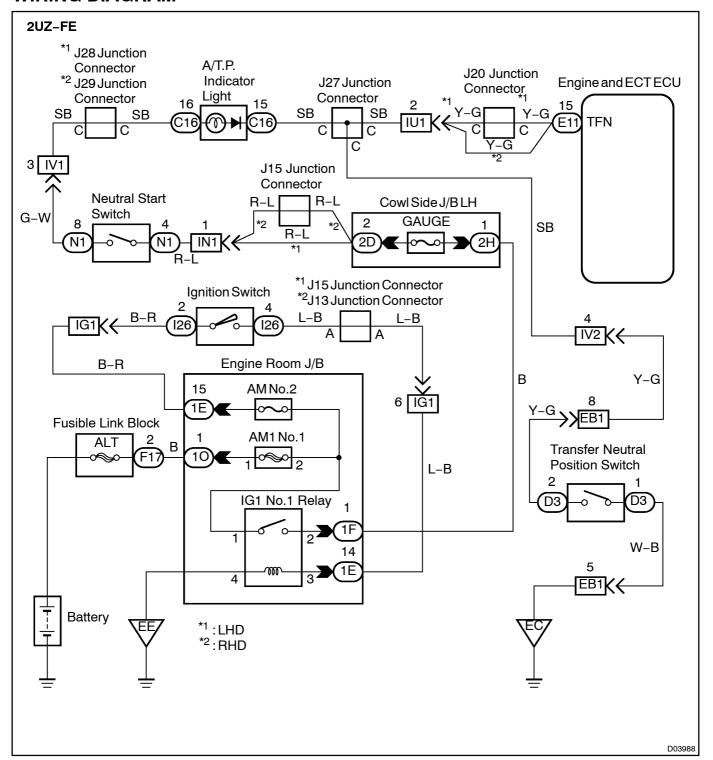
A/T.P. (Automatic Transmission Parking) Indicator Circuit

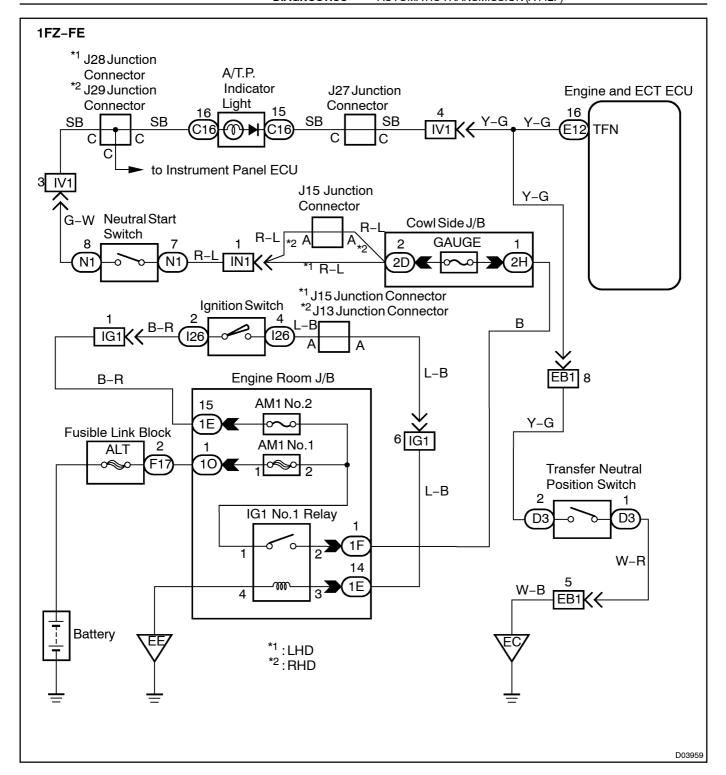
CIRCUIT DESCRIPTION

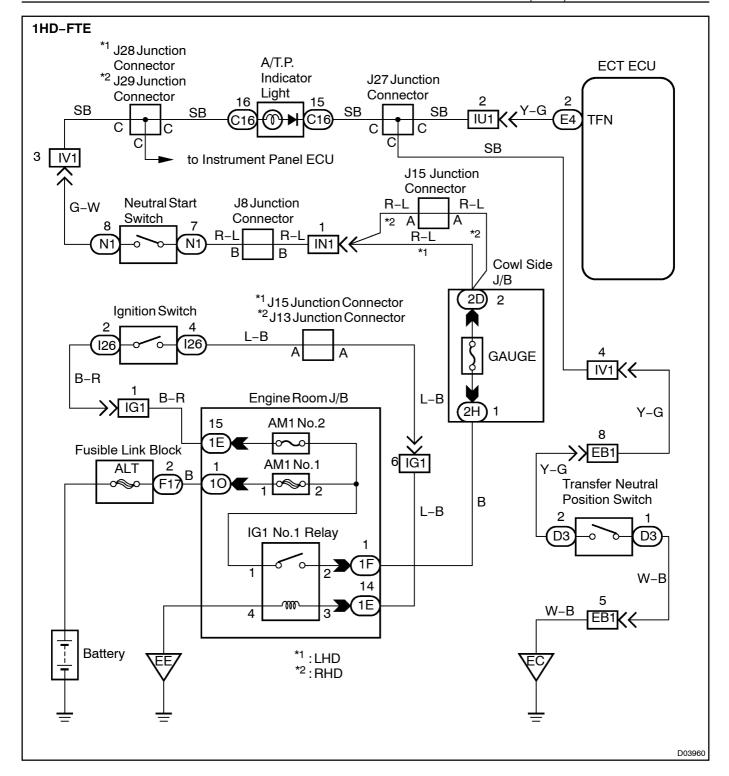
The propeller shaft and wheels are free even when the transmission shift lever is set to P as long as the transfer shaft lever is in the Neutral position. The A/T.P. indicator light lights up to warn the drive that the propeller shaft and wheels are not locked.

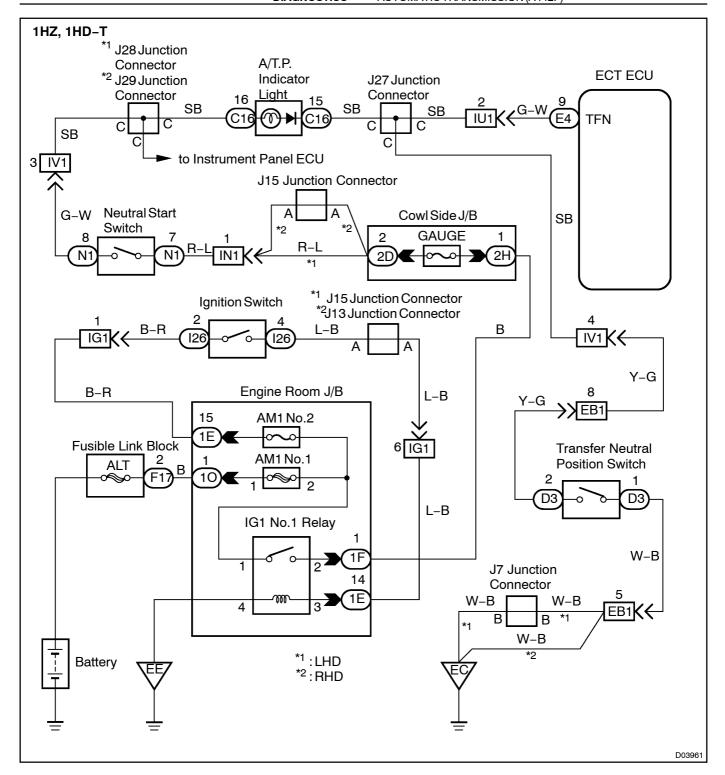
If the A/T.P. indicator light goes on, the transfer shift lever should be shifted out of N range.

WIRING DIAGRAM



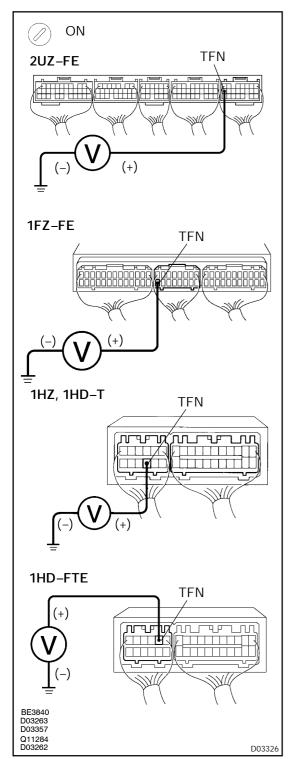






INSPECTION PROCEDURE

1 Check voltage between terminal TFN of Engine and ECT ECU or ECT ECU and body ground.



PREPARATION:

- (a) Remove the glove compartment door (See page BO-127).
- (b) Turn the ignition switch ON.

CHECK:

Check voltage between terminal TFN of Engine and ECT ECU or ECT ECU and body ground.

OK:

Transfer shift lever position	Voltage
N position	Below 1.5 V
Except N position	9.0 – 14 V

OK

Proceed to next circuit inspection shown in symptom problems table (See page DI-108).

NG LAND CRUISER (W/G) (RM616E)

2	Check neutral start switch (See page DI-151).
	NG Replace the neutral start switch.
ОК	
3	Check transfer neutral position switch (Full – Time 4WD: See page TR-10, Part – Time 4WD: TR-13).
	OK Replace the transfer neutral position switch.
NG	
4	Check combination meter (See page BE-2).
	NG Repair or replace the combination meter.
ОК	
5 Check harness and connector between battery and neutral start switch, neutral start switch and combination meter, combination meter and ECU, ECU and transfer neutral position switch (See page IN-35).	
	NG Repair or replace harness or connector.
ОК	
Check and replace Engine and ECT ECU or ECT ECU (See page IN-35).	