

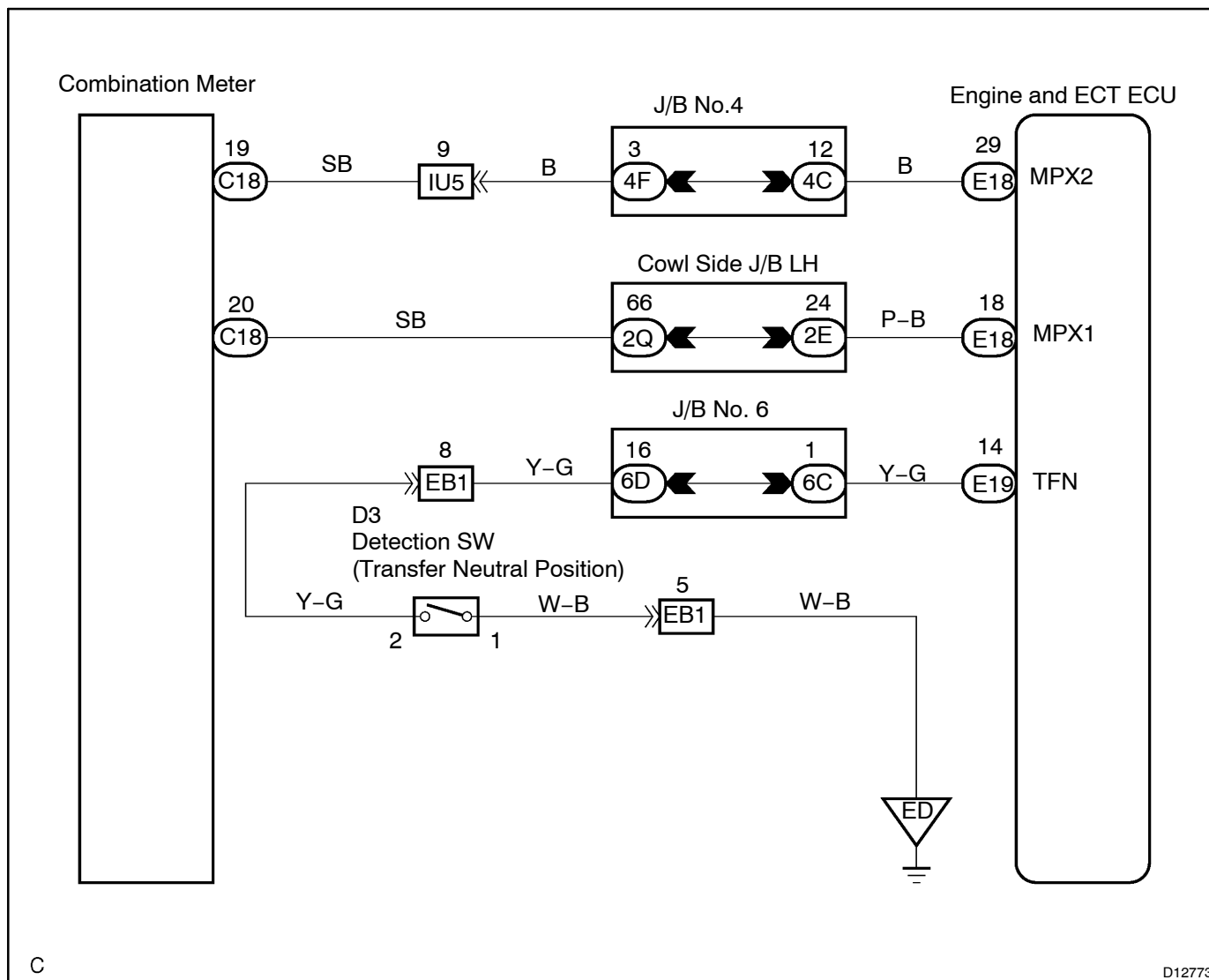
A/T. P. (Automatic Transmission Parking) Indicator Circuit

CIRCUIT DESCRIPTION

The propeller shaft and wheels are free even when the transmission shift lever is set to P as long as the transfer shift lever is in Neutral range. The A/T.P. indicator light lights up to warn the driver 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 to the ranges other than N range.

WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check Neutral start switch (See page DI-156).

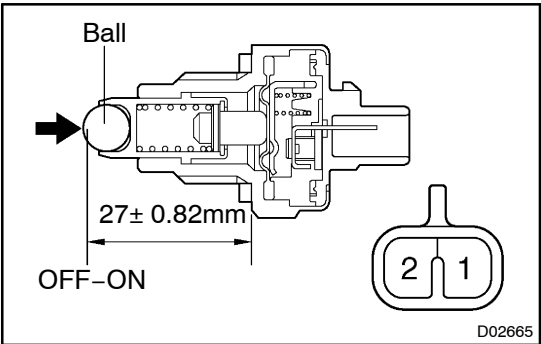
NG

Replace the Neutral start switch.

OK

2

Check transfer neutral position switch.



PREPARATION:
Remove the transfer neutral position switch.

CHECK:
Check the continuity between the switch terminals when pushing the ball at the tip of the switch.

OK:

Switch	Specified condition
Push	Continuity
Free	No continuity

NG

Replace the transfer neutral position switch.

OK

3

Check harness and connector between Engine and ECT ECU and transfer neutral position switch, transfer neutral position switch and body ground (See page IN-38).

NG

Repair or replace the harness or connector.

OK

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