

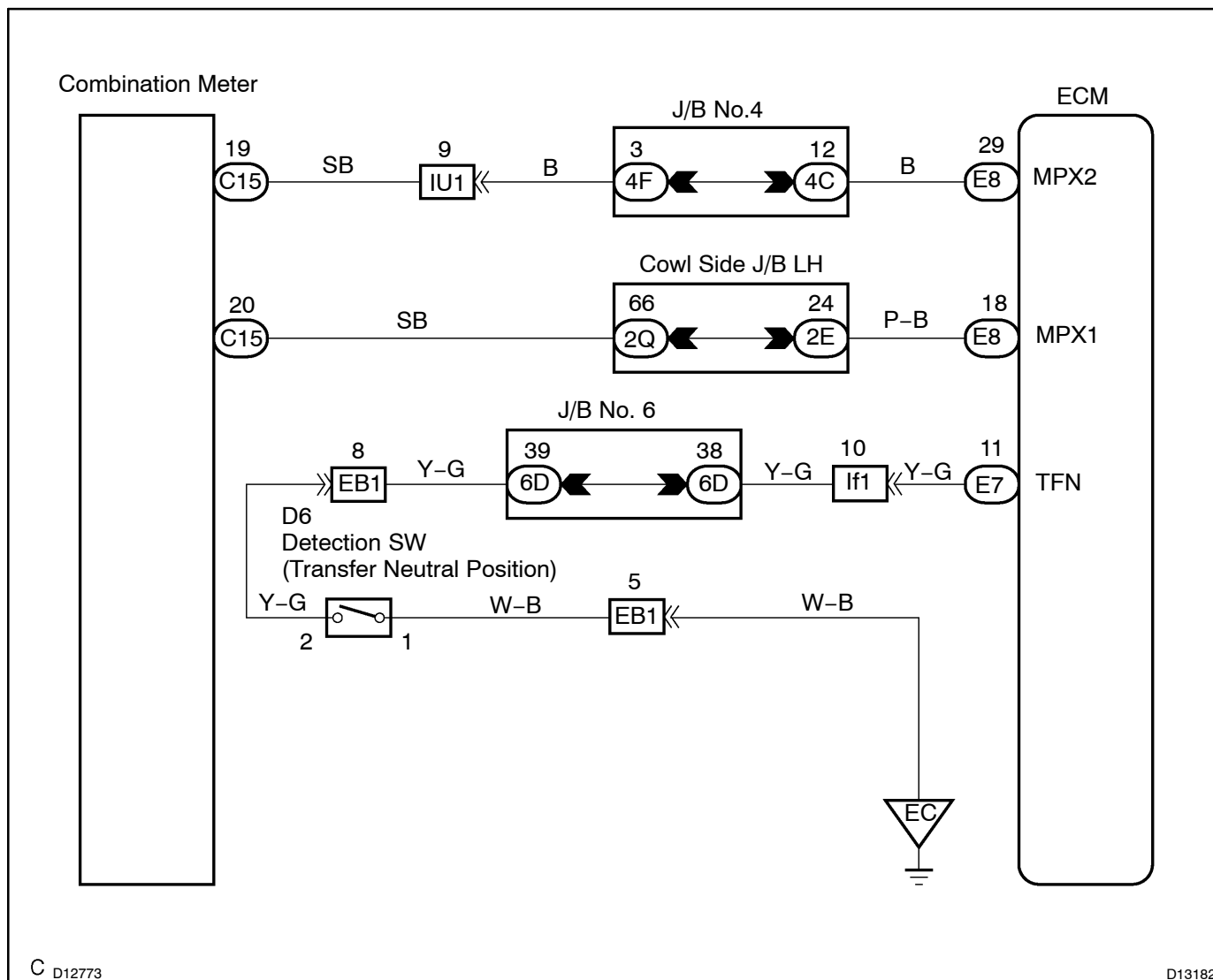
A/T. P. (Automatic Transmission Parking) Indicator Circuit

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 position. 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 positions other than N position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check park/neutral position switch (See page [DI-270](#)).

NG

Replace the park/neutral position switch.

OK

2 Check transfer neutral position switch (See page [DI-302](#)).

NG

Replace the transfer neutral position switch.

OK

3 Check harness and connector between ECM and transfer neutral position switch, transfer neutral position switch and body ground (See page [IN-36](#)).

NG

Repair or replace the harness or connector.

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-264](#)).