

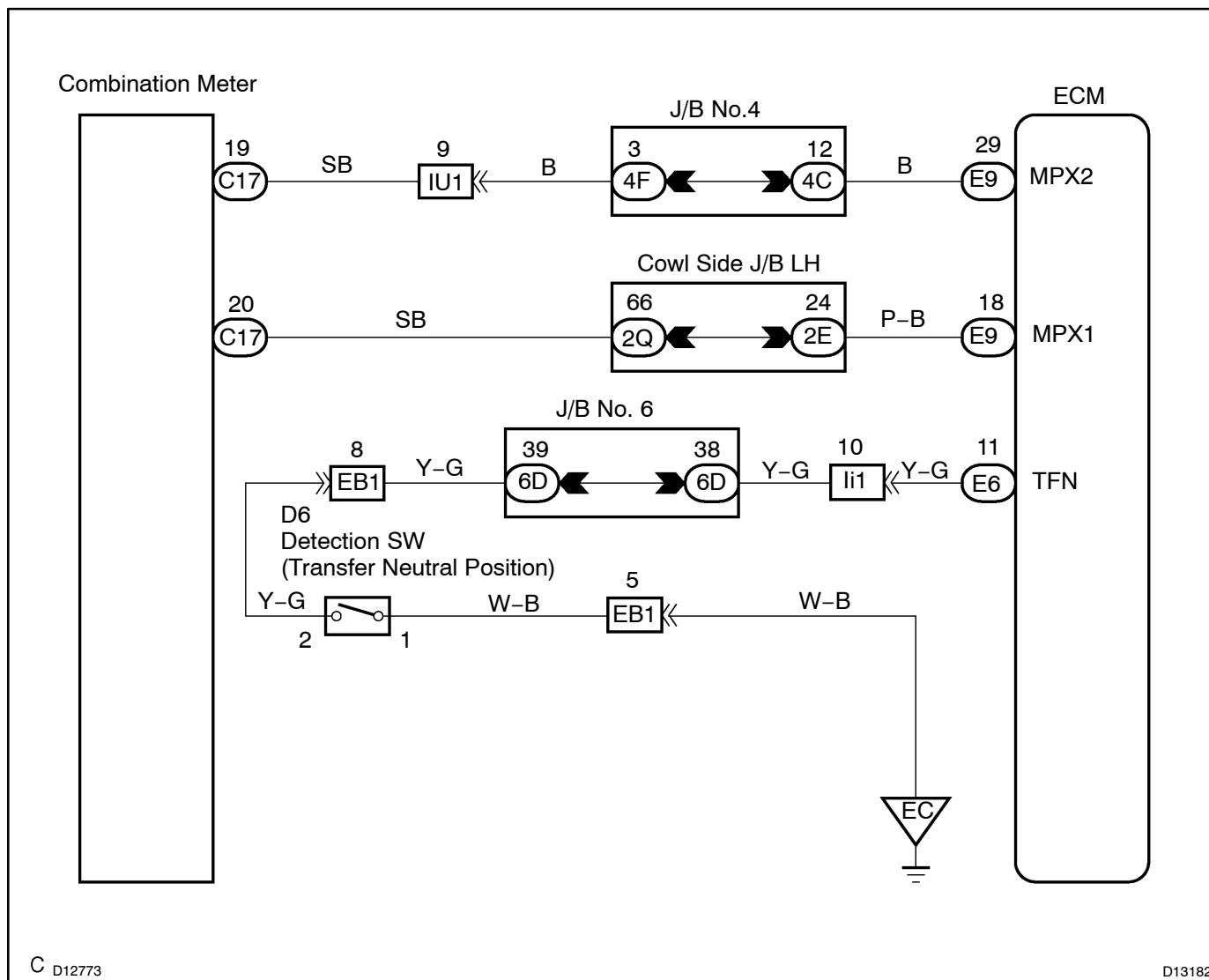
## A/T. P. (Automatic Transmission Parking) Indicator Circuit

### 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-268](#)).

NG

Replace the park/neutral position switch.

OK

**2** Check transfer neutral position switch (See page [DI-300](#)).

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-262](#)).