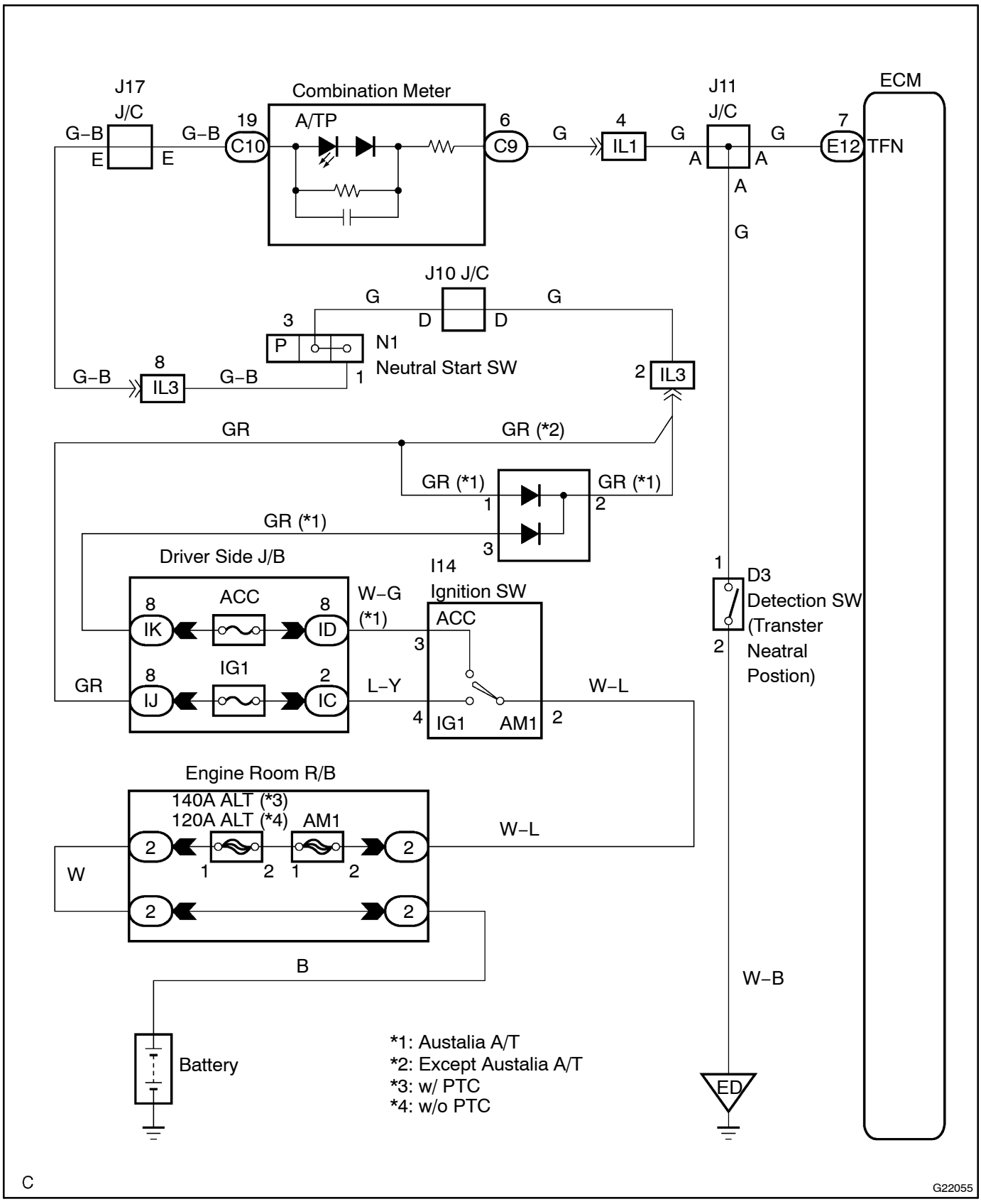
A/T.P. INDICATOR CIRCUIT

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 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



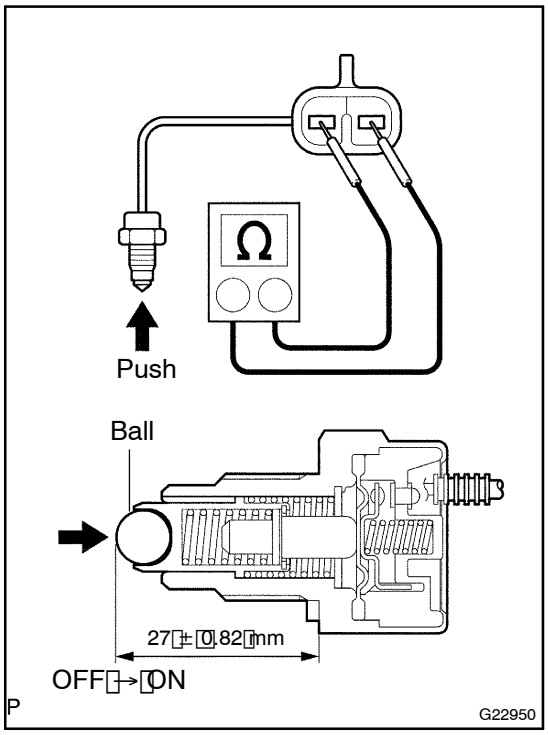
INSPECTION PROCEDURE

1	INSPECT PARK/NEUTRAL POSITION SWITCH ASSY (See page 05–901)

NG → REPLACE PARK/NEUTRAL POSITION SWITCH ASSY (See page 40–3)

OK

2	INSPECT TRANSFER INDICATOR SWITCH NO.2 (TRANSFER NEUTRAL POSITION SWITCH)



(a) Remove the transfer indicator switch No.2.
(b) 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 TRANSFER INDICATOR SWITCH NO.2 (TRANSFER NEUTRAL POSITION SWITCH)

OK

3	INSPECT COMBINATION METER ASSY (See page 05–1559)

NG → REPLACE COMBINATION METER ASSY (See page 71–24)

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (See page 01–36)