



# Troubleshooting Flowchart — A/T Shift Position Signal

Inspection of A/T Shift Position Signal

Turn the ignition switch ON.

Observe the A/T shift indicator and select each position separately.

Does the indicator light properly?

NO

See A/T shift position Indicator Inspection (section 16).

YES

Turn the ignition switch OFF.

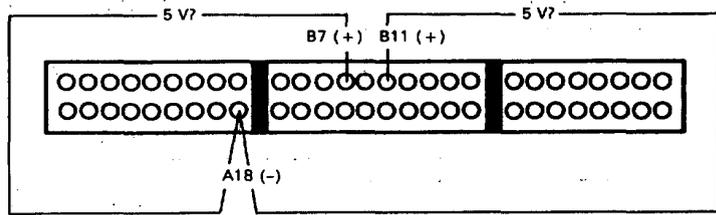
Connect the PGM-FI test harness between the ECU and connector (page 6-75). Disconnect "B" connector from the main wire harness only, not the ECU.

Turn the ignition switch ON.

Measure voltage individually between B7 (+), B11 (+) terminals and A18 (-) terminal.

Is there approx. 5 V ?

NO



Substitute a known-good ECU and recheck If prescribed voltage is now available, replace the original ECU.

YES

Turn the ignition switch OFF.

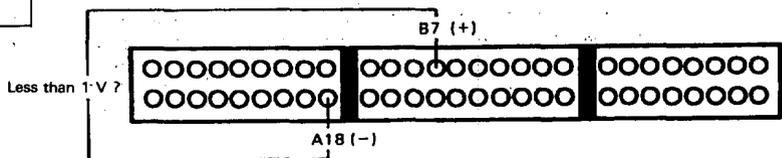
Reconnect "B" connector to the main wire harness.

Turn the ignition switch ON.

Measure voltage between B7 (+) terminal and A18 (-) terminal in Neutral position.

Is voltage less than 1 V ?

NO

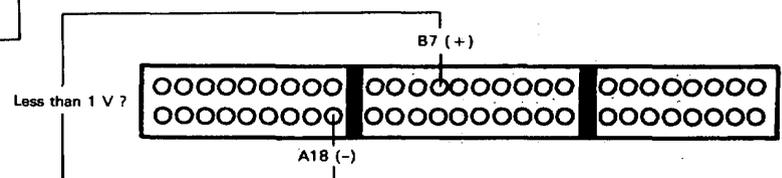


- Repair open in GRN wire between ECU (B7) and combination meter.  
- Repair open in GRN wire between the combination meter and shift position console switch.

YES

Measure voltage between B7 (+) terminal and A18 (-) terminal in Park position.

(To page 6-130)



(cont'd)

# Idle Control System

## Troubleshooting Flowchart – A/T Shift Position Signal (cont'd)

(From page 6-129)

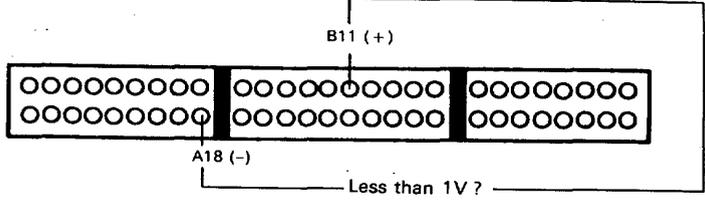
Is voltage less than 1V?

NO

Repair open in GRN/WHT wire between combination meter and shift position console switch.

YES

Measure voltage between B11 (+) terminal and A18 (-) terminal in D4 position.



Is voltage less than 1V?

NO

Repair open in GRN/BLK wire between ECU (B11) and shift position console switch.

YES

Measure voltage between B7 (+) terminal and A18 (-) except in Park and Neutral.

Is there approx. 5V?

NO

Repair short in GRN wire between ECU (B7) and combination meter.

YES

Measure voltage between B11 (+) terminal and A18 (-) except in D4 position.

Is there approx. 5V?

NO

Repair short in GRN/BLK wire between ECU (B11) and shift position console switch.

YES

A/T shift position signal is OK.