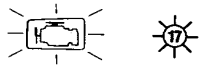
Troubleshooting Flow Chart — Vehicle Speed Sensor



Self-diagnosis LED indicator blinks seventeen times: A problem in the Vehicle Speed Sensor circuit.

— Check Engine (PGM-FI) warning light is on.
— *LED indicates CODE 17.*

Turn the ignition switch OFF.

Remove CLOCK fuse in the under-hood relay box seconds to reset ECU.

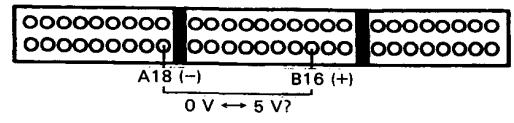
Connect the system checker harness between the ECU and connector.

Block rear wheels and set the parking brake. Jack up the front of the car and support with safety stands.

WARNING
Block rear wheels before jacking up front of car.

Turn the ignition switch ON.

Slowly rotate left front wheel and measure voltage between B16 (+) terminal and A18 (−) terminal.



Does voltage pulse 0V and 5V?

YES → Road test necessary. Place the shift or selector lever in 2nd gear (MT) or 2 position (AT), accelerate to 4,000 min^{-1} (rpm) and decelerate to 1,200 min^{-1} (rpm) with foot off accelerator.

NOTE: The decel from 4,000 min^{-1} (rpm) to 1,200 min^{-1} (rpm) must be at least 6 seconds with your foot off the *accelerator pedal.*

Is check engine warning light is on and does LED indicate CODE 17?

NO → **Intermitten failure seat connectors C252, C263, C417 and C710.**

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

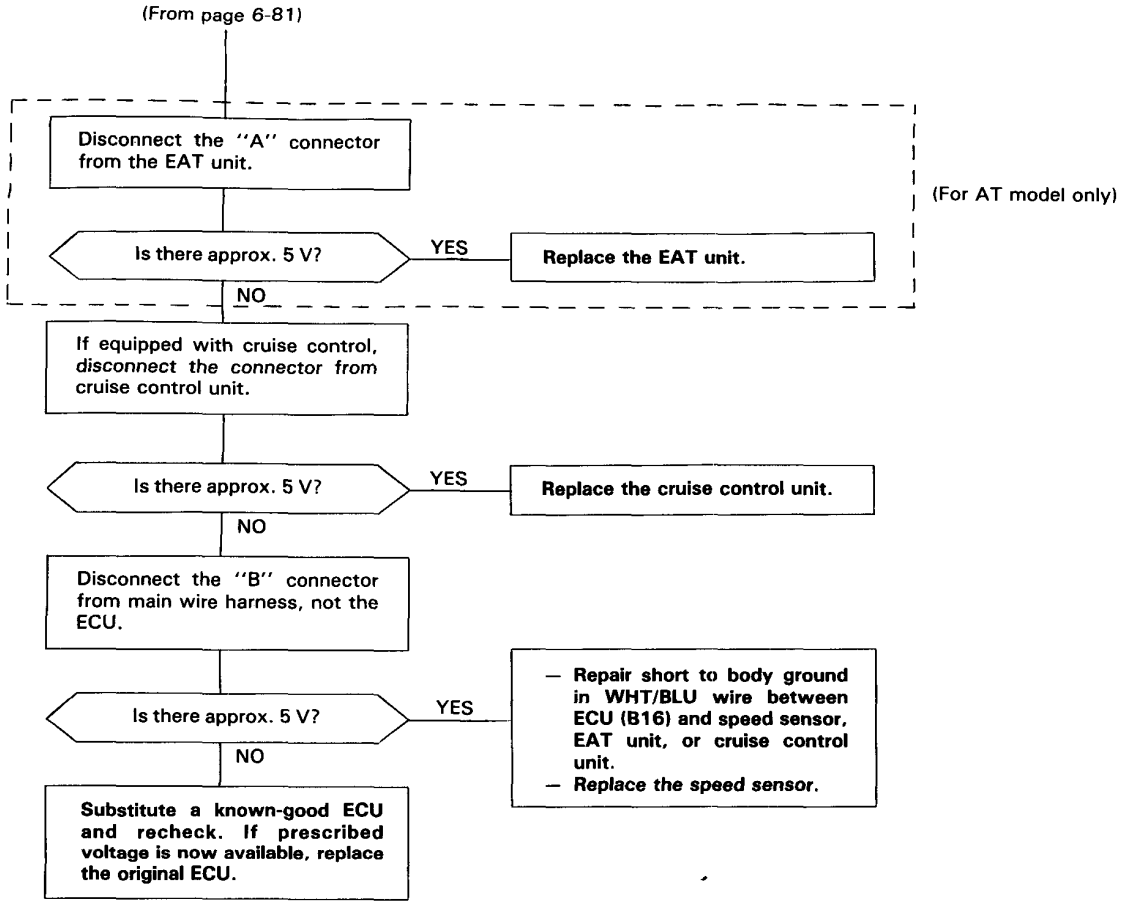
NO

Is there approx. 5V?

YES → **— Repair open or short in WHT/BLU wire between ECU (B16) and the speed sensor.**
— Replace the speed sensor.

NO

(To page 6-82)

(cont'd)

Troubleshooting Flow Chart — Vehicle Speed Sensor (cont'd)