

Description .

If the RPM data is missing for 5 seconds or less or if the IPC receives invalid RPM data for less than 5 seconds, the IPC defaults the tachometer to the last setting, based upon the last message received. If the engine RPM message is missing or invalid for 5 seconds or longer, the gauge can appear to momentarily freeze or become erratic.

Possible Sources

- PCM input concern
- IPC

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST I : INCORRECT TACHOMETER INDICATION > PINPOINT TEST I : INCORRECT TACHOMETER INDICATION

I1 RETRIEVE THE RECORDED DTCS FROM THE PCM (POWERTRAIN CONTROL MODULE) SELF-TEST

Ignition ON.

Using a diagnostic scan tool, perform the PCM self-test.

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	Refer to the appropriate article for the procedure.
No	GO to I2

I2 PERFORM THE IPC (INSTRUMENT PANEL CLUSTER) SELF-TEST

Using a diagnostic scan tool, perform the IPC self-test.

Check for recorded Diagnostic Trouble Codes (DTCs) from the IPC self-test.

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to DTC Chart: IPC .
No	GO to I3

I3 PERFORM THE TACHOMETER ACTIVE COMMAND USING THE SCAN TOOL

Using a diagnostic scan tool, view the IPC Parameter Identifications (PIDs).

Select the IPC tachometer (TACH_IND) PID.