

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 G2

G2 CHECK THE GWM (GATEWAY MODULE A) DIAGNOSTIC TROUBLE CODES (DTCs)

Using a diagnostic scan tool, check the GWM Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to: MODULE COMMUNICATIONS NETWORK .
No	GO to G3

G3 PERFORM THE TACHOMETER ACTIVE COMMAND USING THE DIAGNOSTIC SCAN TOOL

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

Select the IPC tachometer (TACH_IND) PID.

 *NOTE: Make sure to set the diagnostic scan tool to 0 RPM before beginning this step.*

Command the tachometer on and off while monitoring the tachometer.

Does the tachometer begin at 0 RPM and increase to approximately 800 RPM (except SVT) or 900 RPM (SVT) and return to 0 RPM?

Yes	DIAGNOSE all PCM Diagnostic Trouble Codes (DTCs). Refer to ENGINE CONTROLS - INTRODUCTION (EXCEPT DIESEL & HYBRID) . Refer to the appropriate article for the procedure.
No	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .

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