

Yes	REFER to DTC Chart: IPC .
No	GO to L2

L2 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: Communications Network .
No	GO to L3

L3 PERFORM THE TACHOMETER ACTIVE COMMAND USING THE SCAN TOOL

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

Select the IPC transmission temperature gauge (TRANSTEMP) PID.

 **NOTE:** Make sure to set the scan tool to 0 or full cold before beginning this step.

Command the transmission temperature gauge on and off while monitoring the transmission temperature gauge.

Does the transmission temperature gauge start at cold (C), move to full hot (H) and return to cold (C)?

Yes	DIAGNOSE all PCM Diagnostic Trouble Codes (DTCs). Refer to the appropriate article for the procedure.
No	

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST M : INCORRECT TRANSMISSION ANALOG TEMPERATURE GAUGE INDICATION

Normal Operation and Fault Conditions

See Transmission Temperature Gauge. REFER to: Instrument Panel Cluster (IPC) - System Operation and Component Description .

If the transmission temperature data message is missing for less than 5 seconds, the IPC defaults the