Start the engine.

Select the PCM temperature PID (CHT).

With the engine running and temperature increasing, monitor the PCM temperature PID.

Does the PCM PID agree with the temperature gauge indication?

Yes	The temperature gauge is operating correctly at this time.

No	

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Normal Operation and Fault Conditions

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

If the IPC does not receive the transmission temperature data message or if the engine coolant temperature message is deemed invalid from the PCM for 5 seconds or longer, the IPC defaults the transmission temperature gauge to cold (C).

Possible Sources

- Communication concern
- PCM input concern
- GWM concern
- IPC

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L1 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?