

Command	Indication Range
0% (under 38 ° C [100 ° F])	Full cold (C)
15% (60 ° C [140 ° F])	Beginning of the normal range
45% (82.3 ° C [180 ° F]-110 ° C [230 ° F])	Center of the gauge
85% (120 ° C [248 ° F])	End of the normal range
95% (123 ° C [255 ° F])	Hot (H) (red line)

Does the temperature gauge operate according to the above specifications?

Yes	GO to J5
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No	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .
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J5 CHECK THE PCM (POWERTRAIN CONTROL MODULE) TEMPERATURE PID (PARAMETER IDENTIFICATION)

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

Start the engine.

Select the PCM temperature PID (ECT).

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.
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No	INSTALL a new IPC. REFER to: Instrument Panel Cluster (IPC) .
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DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST K : THE ENGINE OIL PRESSURE GAUGE IS INOPERATIVE (ICM (INFORMATION CENTER MODULE) GAUGE PACK)

Normal Operation and Fault Conditions

See Engine Oil Pressure Gauge. REFER to: Instrument Panel Cluster (IPC) - System Operation and Component Description .

If the ICM does not receive the oil pressure warning indicator request message from the PCM for less than 5 seconds, the ICM defaults the engine oil pressure gauge to the last display state based upon the last message received.

If the oil pressure warning indicator request message is missing for 5 seconds or longer, the ICM sets