



2016-2018 Maxima Transmission Oil Temperature Indicator

When the Vehicle Information Display is set to SPORT, Oil Pressure, Gear Oil Temperature and the Digital Speedometer will display in the center of the Combination Meter.



The icon symbol represents gear oil temperature (CVT Fluid Temperature).

The gauge works a little different than most temperature gauges:

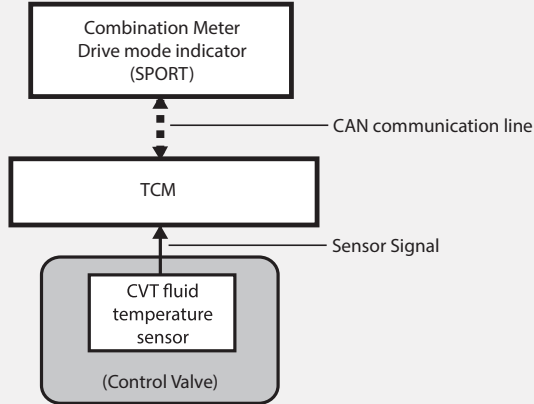
- You probably expect the gauge to start with a small indication at the bottom, near the C (Cold) mark, and then gradually move up (fill) the scale as the transmission warms up.
- But this gauge will give no indication until the CVT reaches a temperature of 51°C (123°F).
- So, as you are driving the vehicle cold, the gauge steps suddenly from no indication (Low) to the Normal mark as soon as the CVT fluid temperature reaches 51°C (123°F).

The gear oil temperature gauge is an analogue display that provides 4 key temperature points for the CVT fluid temperature based on the signal voltage of the CVT fluid temperature sensor.



How It Works - CVT Fluid Temperature Sensor

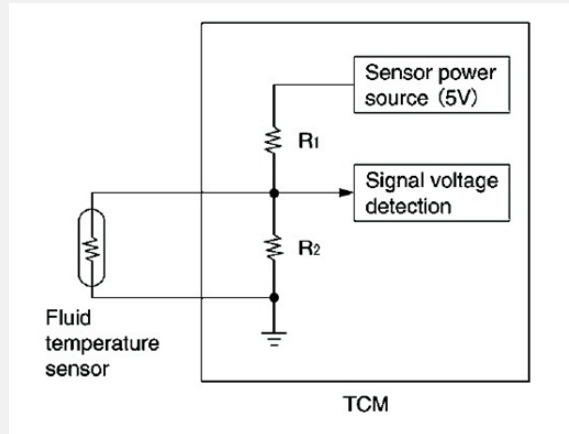
- The CVT fluid temperature sensor is installed on the control valve (Valve Body).



- The CVT fluid temperature sensor detects fluid temperature in the CVT oil pan.
- The fluid temperature sensor uses the characteristics of a thermistor to control

the resistance value and changes that value to signal voltage.

- The fluid temperature sensor sends this input to the TCM which signals CVT fluid temperature gauge in the Combination Meter to display the correct Temperature Point.



10:27 AM

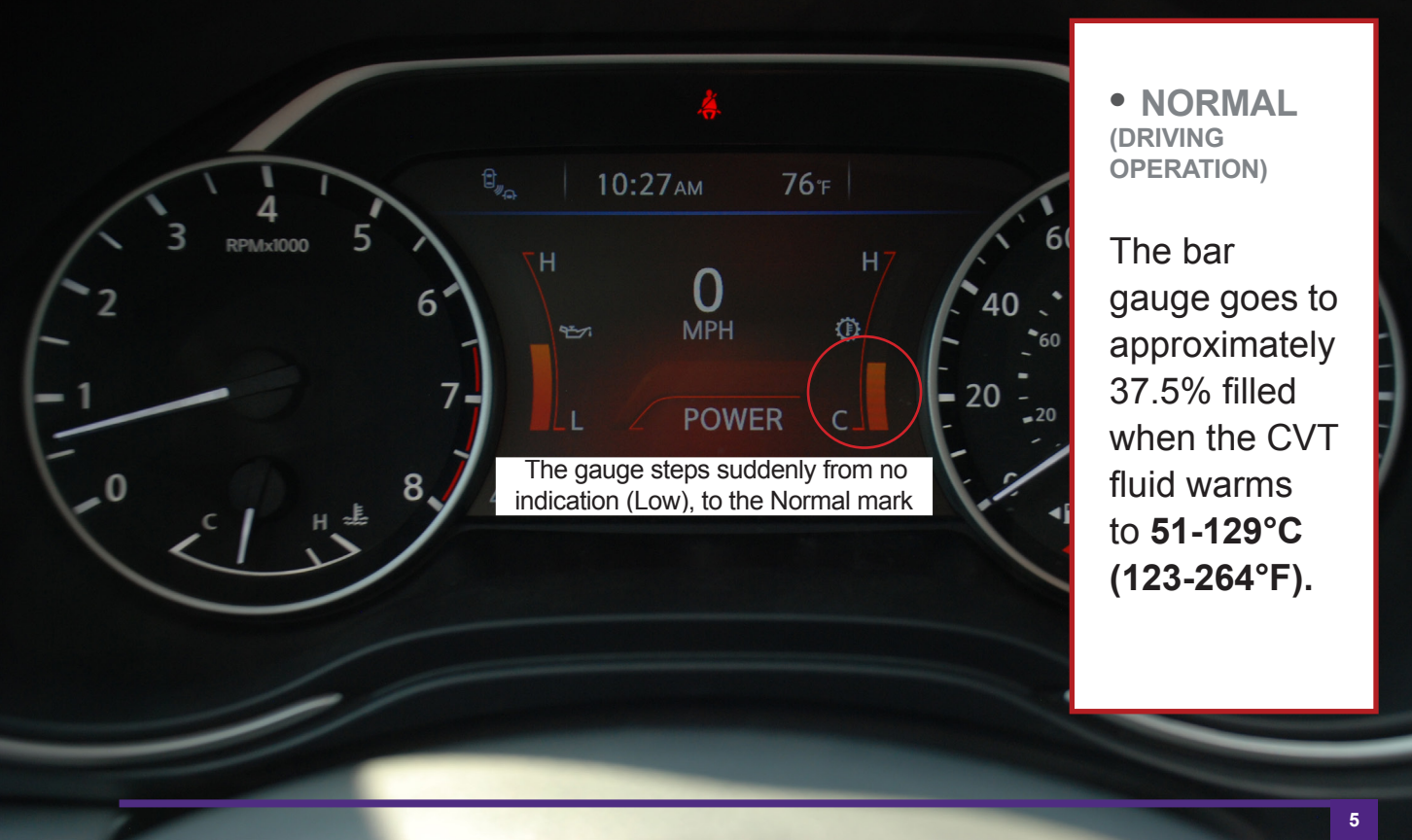
76°F

4 Key Temperature Points:

- **Low (Low/Cold)-**

The bar gauge is 0% filled. This is shown when the CVT fluid temperature is at or below approximately **50°C (122°F)**.

Low (Low/Cold)



The gauge steps suddenly from no indication (Low), to the Normal mark

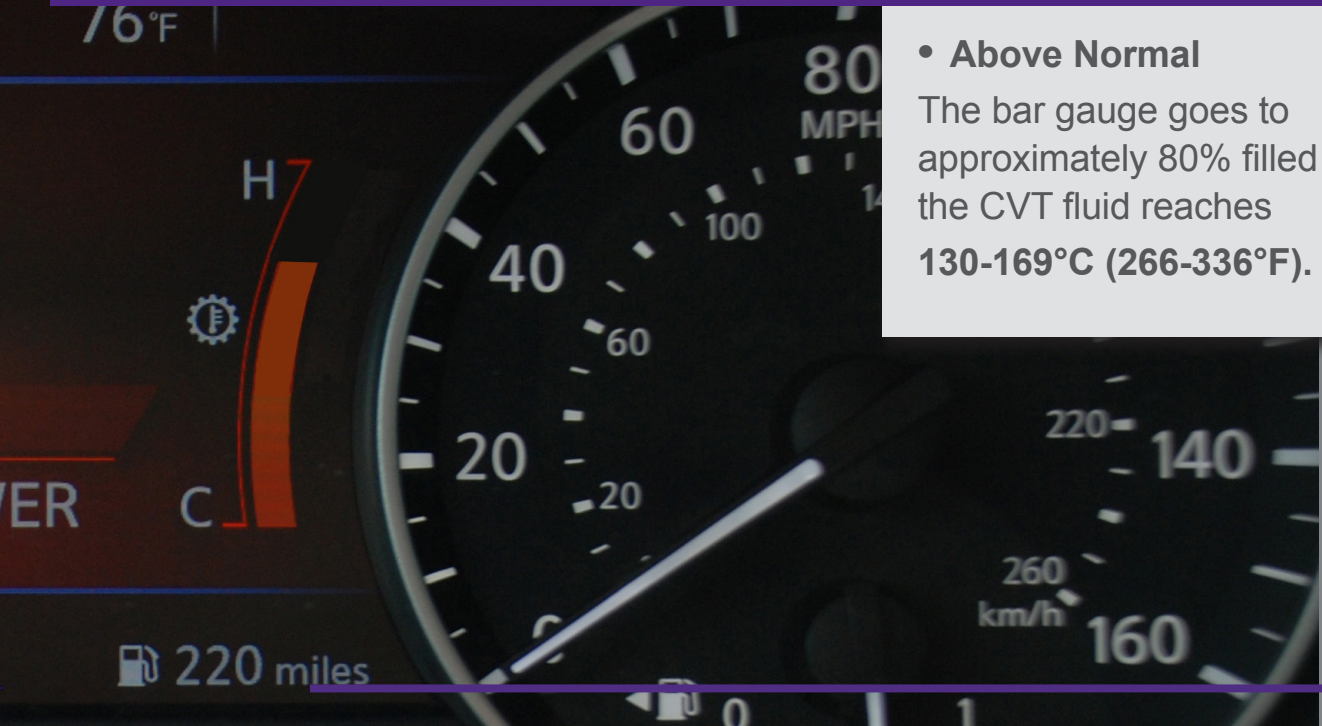
- **NORMAL**
(DRIVING OPERATION)

The bar gauge goes to approximately 37.5% filled when the CVT fluid warms to **51-129°C (123-264°F)**.

4 Key Temperature Points:

- **Above Normal**

The bar gauge goes to approximately 80% filled if the CVT fluid reaches **130-169°C (266-336°F)**.



4 Key Temperature Points:

- **H (High / Hot)**

The bar gauge goes to 100% filled if the CVT fluid reaches **170°C (338°F)**.

