40,4xx Oil Temp Sensor Calibration

Automatic Entry

Go into Instrument Calibration->Oil Temperature. If your menu has a line called “Part Number” you will be able to use the Automatic instructions, if not use the manual entry method. Press the “NEXT” button to select Oil Temp Sensor. Turn the right knob to choose the correct AFS part number. Press Save. Verify your oil temperature is accurate, use the “Shift Adjust” in this menu if it is not. If the temperature is off more than 10 degrees, double check the part number found on the shipping receipt.

Manual Entry

Go into Instrument Calibration->Admin Settings and down to Administrative Mode. Turn the knob for '1010' and press select. Press Return and go to 'Oil Temperature'.

Locate your AFS Part Number below. Enter those values into the Oil Temperature table on your EFIS. To navigate the table: press Next to move down and push the right knob to select the next column. Press Save when finished. Verify the Oil Temperature is accurate, use the “Shift Adjust” if it is not. If the temperature is off by more than 10 degrees, double check the part number found on the shipping receipt.

When finished go into Admin Settings again, down to Administrative Mode. Turn the right knob twice and hit select to disable Administrative Mode.

AFS Part Number: 40,414 – Grand Rapids Part Number: FT-LC-01 (Threads: 5/8-18)

Number of Calibration Points: 10

Temp	AD Value
64	3917
80	3823
100	3652
125	3345
150	2980
180	2420
200	2105
225	1665
250	1325
275	1000

AFS Part Number: 40,415 – Westach Part Number: 399S9 (Threads: 5/8-18)

Number of Calibration Points: 11

Temp	AD_Value
60	3515
80	3190
100	2804
120	2379
140	1954
160	1558
180	1213
200	952
220	722
250	489
300	260

AFS Part Number: 40,412 – UMA Part Number: 1B3 (Threads: 5/8-18) **and**

AFS Part Number: 40,409 – UMA Part Number: 1B6 (Threads: M16 - 1.5)

Number of Calibration Points: 10

Temp	AD_Value
62	3707
80	3497
100	3191
125	2750
150	2290
170	1803
200	1337
230	919
250	794
275	583