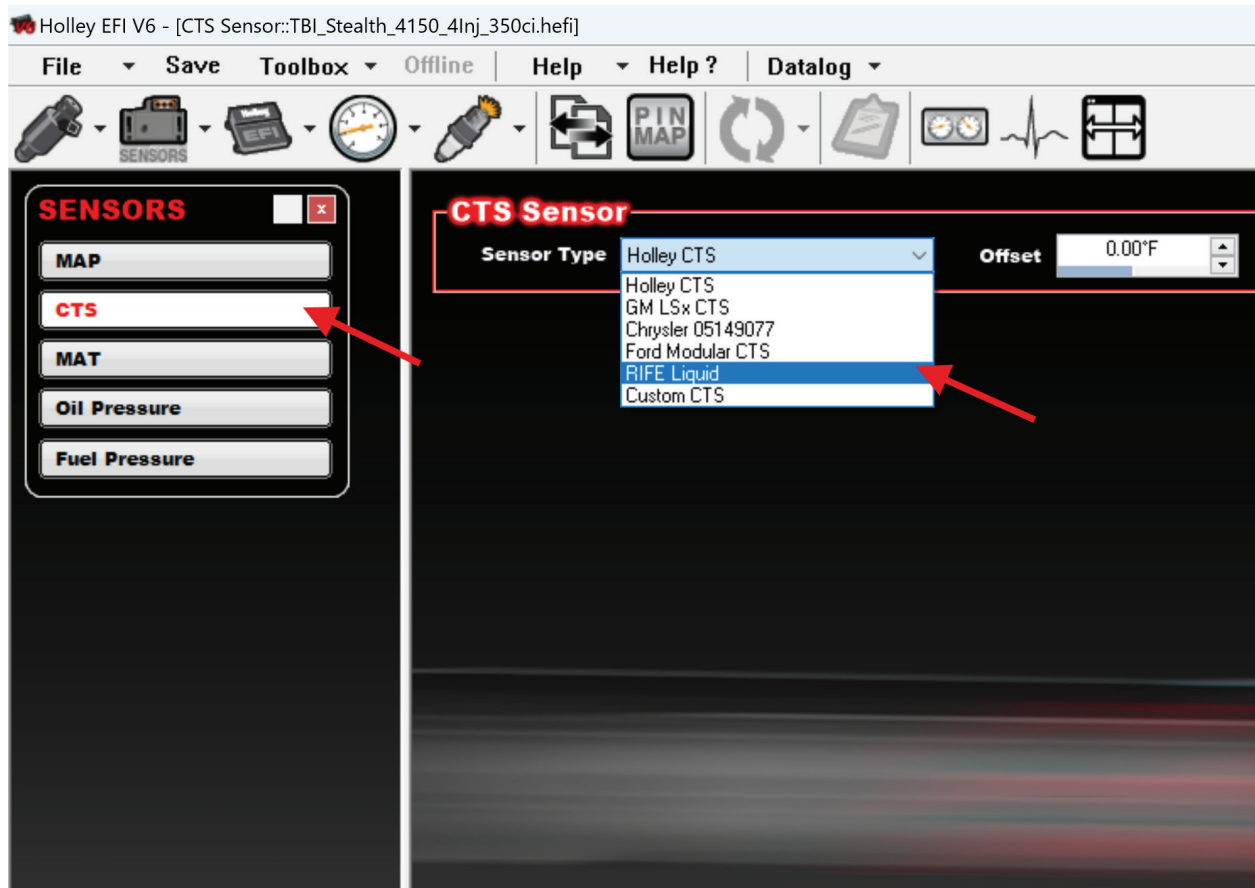


## Holley Liquid Temperature Sensor Calibration

To calibrate the RIFE Liquid Temp sensor in the Holley software, click the “Sensors” icon on the toolbar and select CTS from the sensors menu. From the “Sensor Type” drop down, select “RIFE Liquid”

Save the global file, and your sensor setup is now complete.



# RIFE SENSORS

When using the RIFE Liquid Temp sensor for a system other than Engine Temp (CTS). Once the Input is configured and assigned in the I/O list, Under "TYPE" select "THERMISTOR". Then Select "Configure" and select "RIFE Liquid" from the dropdown.

Holley EFI V6 - [Inputs:TBI\_Stealth\_4150\_4Inj\_350ci.hefi]

File Save Toolbox Offline Help Help ? Datalog

SENSORS

INPUTS/OUTPUTS

Inputs

Outputs

Inputs/Outputs

SENSORS

MAP

CTS

MAT

Oil Pressure

Fuel Pressure

Inputs 1-20 Inputs 21-40 Inputs 41-60 Inputs 61-80

**INPUTS**

NAME	TYPE	ECU PIN	ENABLE	Configure	Where Used
#1 Transmission Temp	THERMISTOR	NOT DEFINED	<input checked="" type="checkbox"/> Enable	Configure	Where Used
#2	+12V GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#3	DIGITAL SPEED/FREQ IPU SPEED/FREQ	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#4	5 VOLT 20 VOLT	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#5	THERMISTOR	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#6	CAN CAN +12V CAN GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#7	CAN 5 VOLT CAN 20 VOLT	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#8	CAN DIGITAL SPEED/FREQ CAN THERMISTOR	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#9	INTERNAL	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#10	GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#11	GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#12	GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used
#13	GROUND	NOT DEFINED	<input type="checkbox"/> Enable	Configure	Where Used

Holley EFI V6 - [Input #1 Settings:TBI\_Stealth\_4150\_4Inj\_350ci.hefi]

File Save Toolbox Offline Help Help ? Datalog

SENSORS

INPUTS/OUTPUTS

Inputs

Outputs

Inputs/Outputs

SENSORS

MAP

CTS

MAT

Oil Pressure

Fuel Pressure

Transmission Temp Back

**SETTINGS**

Type: Holley MAT

Units: Holley MAT, RIFE Hi-AT, RIFE Lo-AT, GM LSx MAT, Chrysler 56028364, Ford Modular MAT, Custom MAT

Format: Holley CTS, Holley P/T Combo [554-138], RIFE Liquid, GM LSx CTS, Chrysler 05149077, Ford Modular CTS, Custom CTS, Resistance, Custom Therm

Sensor Min: 999 °F

Display Min: 999 °F

Caution Min: 791 °F

Normal Min: 687 °F

Offset: 0.00 °F

Enable PC/LCD Caution Output  Enable Switched Caution Output

Enable PC/LCD Warning Output  Enable Switched Warning Output

Warning Enabled Timing Offset 0

# RIFE SENSORS

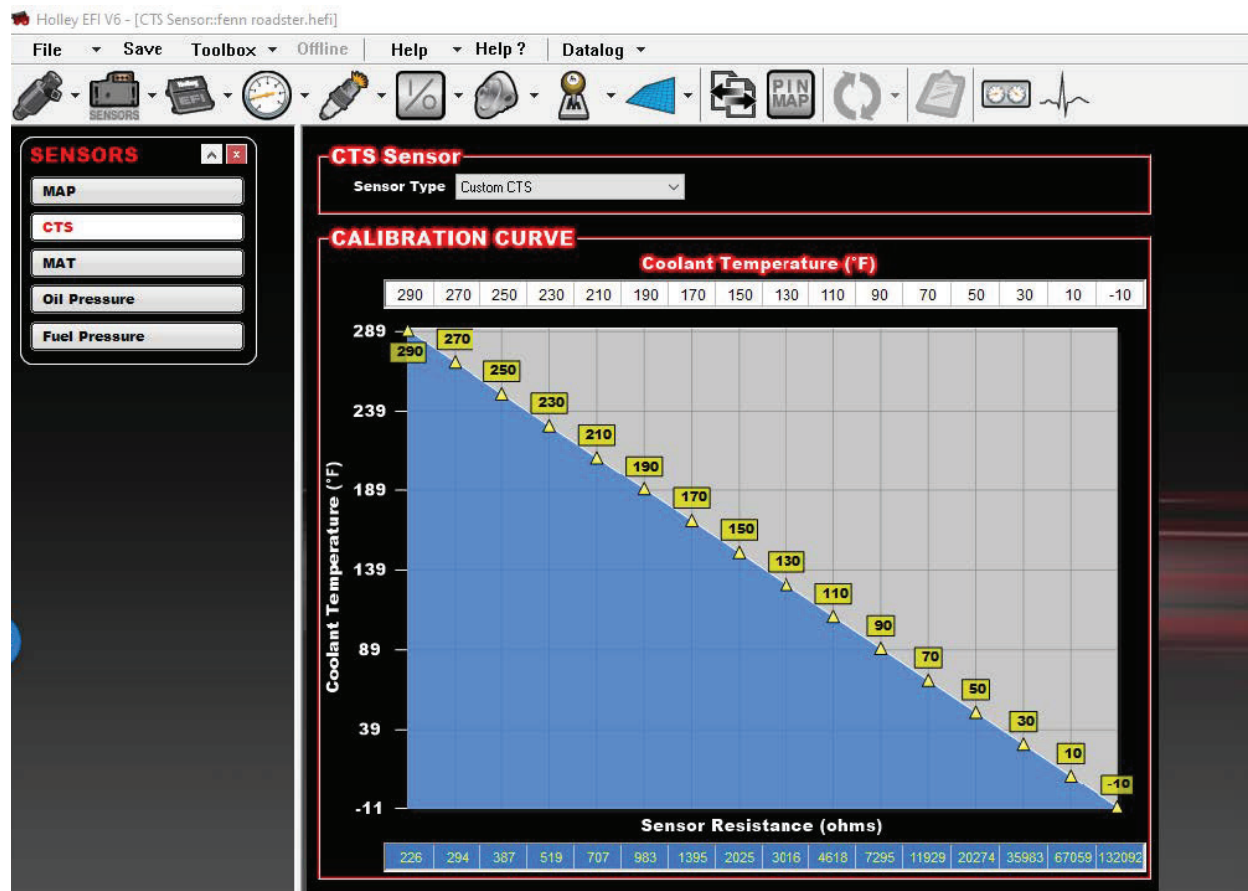
If you have an older version of the Holley EFI software and the RIFE sensor is not listed on the drop down menu, you can perform a custom calibration. Follow the instructions below.

To calibrate the RIFE Liquid Temp sensor in the Holley software, click the “Sensors” icon on the toolbar and select CTS from the sensors menu. From the “Sensor Type” drop down, select “Custom CTS”.

If calibrating a sensor other than the CTS, go to the I/O tab, select “inputs”, select “configure” on the input you would like to calibrate (Type must be THERMISTOR). Next, under “Type”, select “Custom Therm”.

Fill out the table using the picture below as a guide.

When complete the page should look like this: *Note: under some circumstances the Holley software displays a curved line instead of straight, either is fine and will read correctly.*



The calibration table is below, if you have any questions, don't hesitate to call your dealer or RIFE at 805-987-7867

## CTS Calibration Table

\*Holley has 16 positions for calibration input, start at -10 or 1 and then use every other box.

F°	Ω
-20	189,726
-10	132,092
0	93,425
10	67,059
20	48,804
30	35,983
40	26,855
50	20,274
60	15,473
70	11,929
80	9,287
90	7,295
100	5,781
110	4,618
120	3,718
130	3,016
140	2,463
150	2,025
160	1,675
170	1,395
180	1,167
190	983
200	832
210	707
220	604
230	519
240	447
250	387
260	336
270	294
280	257
290	226