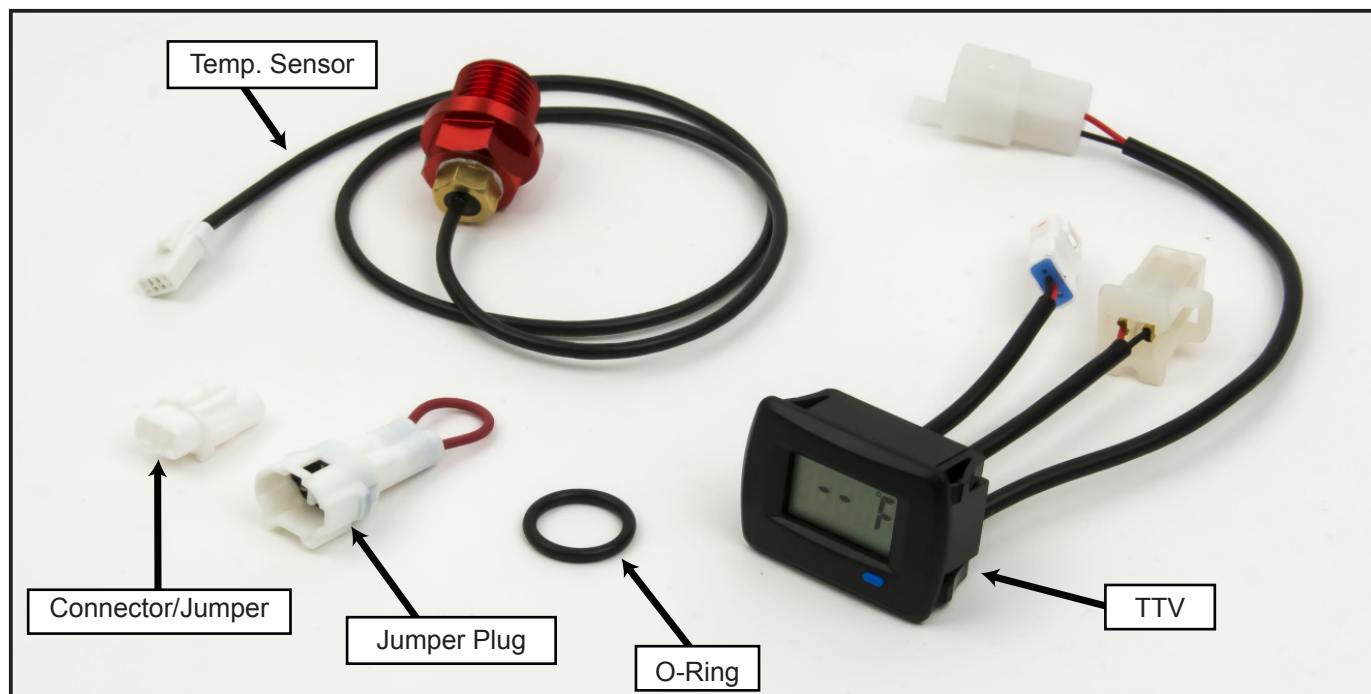


## KTM 690 TTV UPGRADE INSTRUCTIONS

### INSTRUCTIONS:

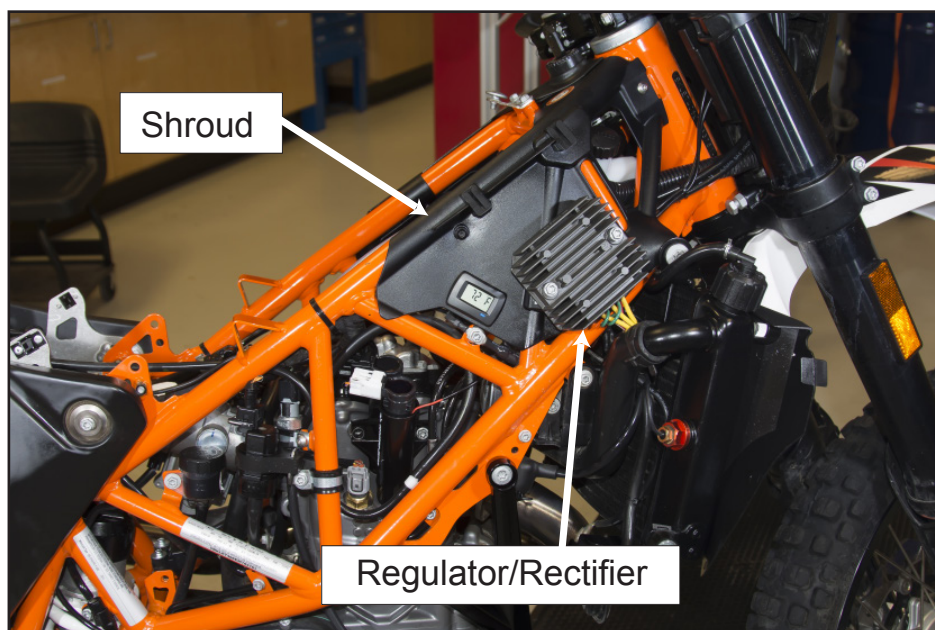


### STEP 1

Remove the seat, radiator shrouds and air box from the bike and drain the coolant system by removing the drain bolt on the water pump cover. Remember to remove the radiator cap to ensure all fluid is drained.

### STEP 2

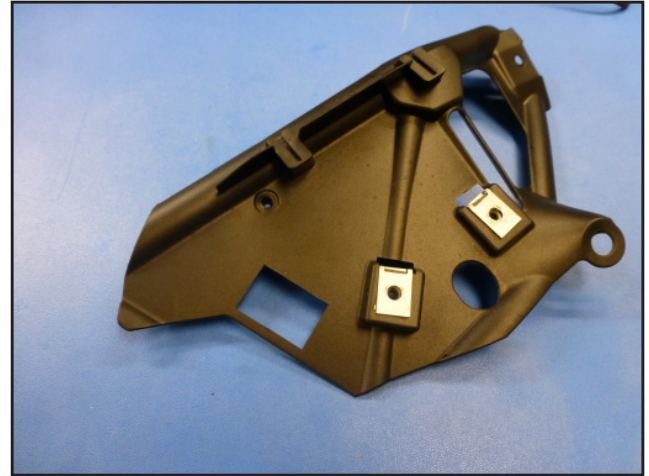
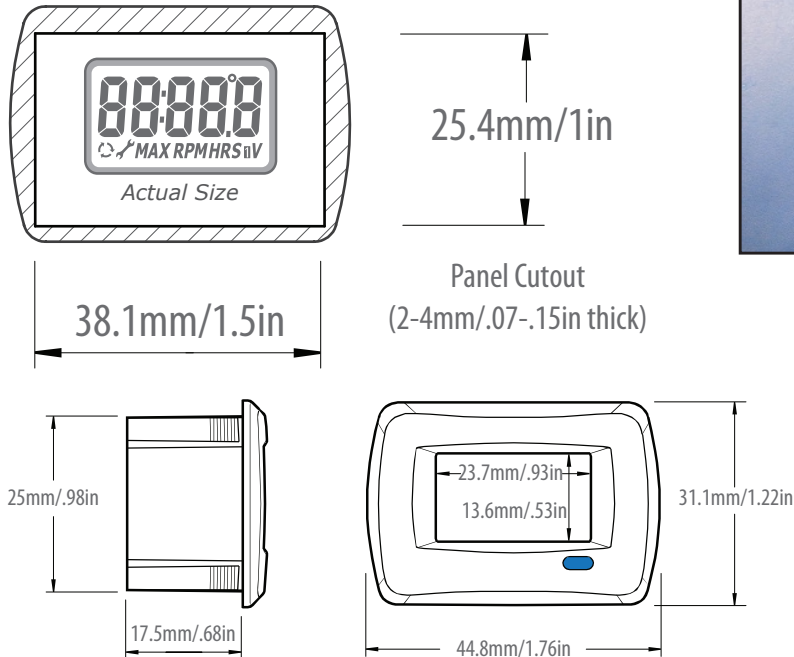
Remove the regulator/rectifier from the plastic shroud on the right side of the bike. Then remove the shroud.



## KTM 690 TTV UPGRADE INSTRUCTIONS

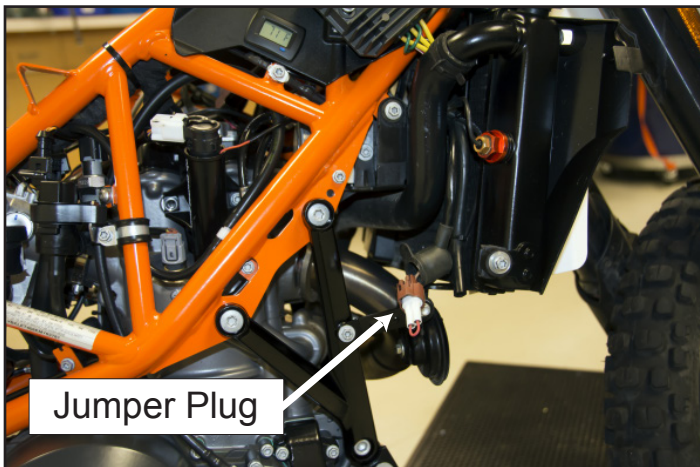
### STEP 3

Cut the shroud at the indicated spot to mount the TTV meter. Cut out the template pictured below and use it to cut a hole to correct size in specified location. Then install the TTV meter into the shroud. Install shroud back on to the bike and install reg/rec back on to the shroud.



### STEP 4

Disconnect the OEM thermal switch from the bikes harness and then remove it from the radiator. Make sure to remove the OEM o-ring. Install the provided red adaptor into the radiator using the included o-ring. Next install new threaded probe sensor into the red adaptor and then plug the sensor into the mating connector from the TTV. Next install the included jumper plug into the OEM thermal switch connector coming from the bike harness. Make sure to route the wire so the air box will not pinch it when installed.



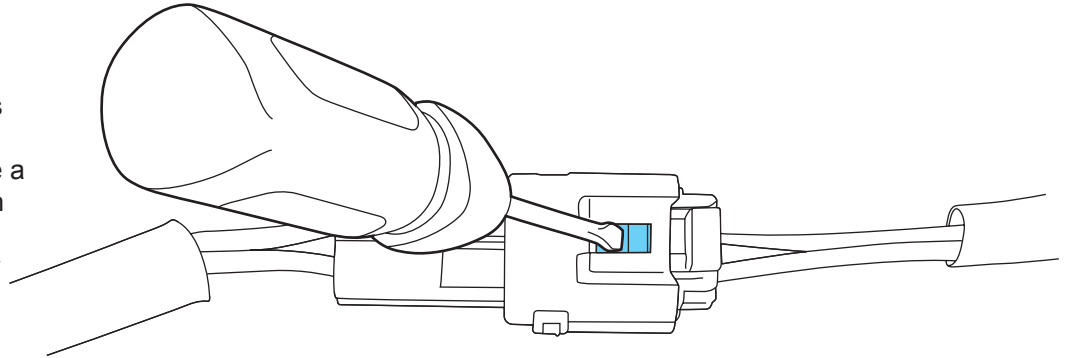
## KTM 690 TTV UPGRADE INSTRUCTIONS

### GUIDE ON RELEASING CONNECTOR PINS:

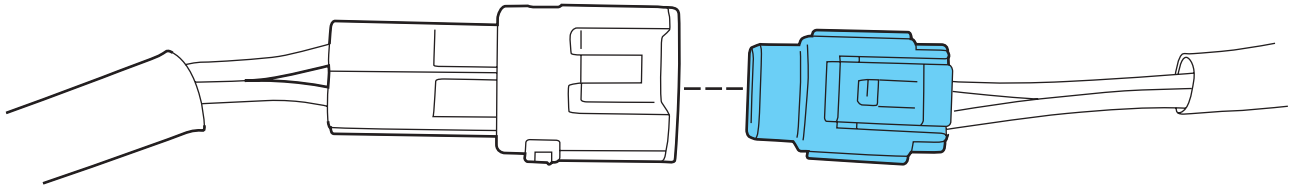
See Step 4 on Reverse Side of Page.

#### Step 4-A:

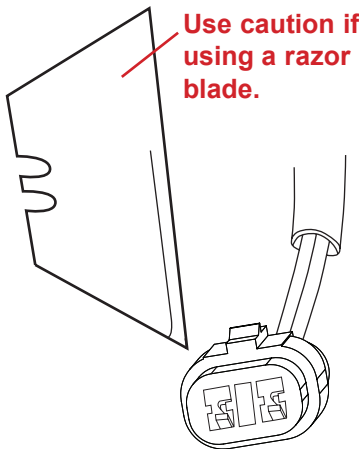
Find the brown 2-pin connector on the harness that is connected to the OEM thermal switch. Use a screwdriver to push down on the locking tab which holds the male connector to female connector.



**Step 4-B:** While depressing the locking tab, separate the two connectors. Try not to pull on the wires.

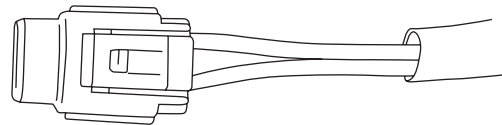


**Step 4-C: Release the terminals.** Use a thin tool (a jewelers pick, razor blade, or small screwdriver.) Use the tool to flip up the locking tab that secures the terminals inside the connector. Gently pull on the wire while holding the lock tab up to remove the wire from the connector.



Use caution if  
using a razor  
blade.

Release the pins for the two wires and remove them from the connector. Next install the included two pin connector by inserting the two wires into the connector. Make sure to insert them all the way until they click into the locked position.



**Step 4-E:** Continue to step 5.

## KTM 690 TTV UPGRADE INSTRUCTIONS

### STEP 5

Disconnect the fan from the bike harness by unplugging it from the power connector on the harness. Next plug the fan into the TTV unit (short lead) and then plug the power supply (long lead) from the harness into the TTV.

Power Connector

Fan Connector

Temp. Sensor



### STEP 6

Install radiator shrouds and seat back on to the bike. Follow instruction on **TTV Temperature Manual** to set desired temperature for fan activation.



## CHANGING TEMPERATURE UNITS AND FAN SETTING:

### SETTING MENU

To enter set up menu, press and hold blue button for 3 seconds. Release when all LCD segments flash on.

### SET TEMPERATURE UNIT

Select Fahrenheit or Celsius by pressing blue button.

*Note: You must adjust the fan on temperature if you change the temperature units.*

### TEMPERATURE SETTING

After temperature unit is selected, wait 5 seconds and the word "Hi" will display. Press and hold blue button to increment or decrement fan on unit. Arrow in lower left corner indicates direction of adjustment. The direction of adjustment will change automatically in 3 seconds if button is not pressed. After 3 more seconds the meter will automatically exit setup mode and resume current temperature display.

*Disclaimer: Trail Tech's Fan Kit does not guarantee your vehicle will not overheat. If steam is present or engine temperature is high, please stop and wait for engine to cool. Overheating may cause engine damage.*

