

OUTFLOW TEMPERATURE ADJUSTMENT

With the Auto Cool Controller from the Auto Cool Guy

"KEEP IT COOL
WITH AUTO COOL"

This paper will explain how to adjust and set the OUTFLOW temperature of the OUTFLOW of your radiator. It is recommended to set the OUTFLOW at 10 to 15 degrees F below your thermostat. This gives cooler coolant back to the motor for rock solid engine temperature control.

You will need a laser temperature gun to measure the bottom or OUTFLOW of your radiator. When you put the red dot on the bottom of the radiator, put it on a dull black surface for best accuracy. Avoid shiny chrome surface due to errors.

Start your engine and let the motor and radiator get up to temperature. Now get your laser gun out and put the red dot on the OUTFLOW area or bottom of the radiator.

Your fan will not "KICK ON" when you start the motor. Your fan will start to turn very slowly when the radiator gets warm. The fan RPM will increase as the radiator gets to a higher temperature.

Now, put the laser dot on the OUTFLOW area of the radiator and note the temperature. If you need to raise the temperature, turn the black knob one click to the hot side. Don't be in a hurry, let the radiator rise as you monitor the temperature and the motor is idling. Repeat this step as required. Reverse this step if you need to lower the radiator's OUTFLOW temperature.

If you can not reach the temperature you want, trouble shoot your sensor:

Sensor should be 50 K +/- ohms at room temperature.

Sensor open or shorted between the two wires, its bad.

Sensor wires should not be shorted to the brass.

Standard Brass Sensor should be on the OUTFLOW, under the hose.

Make sure your sensor wires are not shorted to ground.

We can get you a new sensor - call or email us.

If you short out the two sensor terminals on the controller, the fan or fans should go to high RPM. This is with the ignition turned on. This tells you the controller is working OK.

Call or email if you are having problems - we will work get your controller working right! 562-367-3225 autocoolguy@yahoo.com