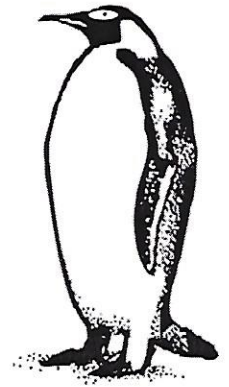


# HOW YOUR AUTO COOL CONTROLLER WORKS



From the Auto Cool Guy  
autocoolguy@yahoo.com  
562-367-3225  
Darryl The Auto Cool Guy

This paper will explain how your Auto Cool controller works.

You have installed your Auto Cool controller and sensor in the OUTFLOW port of the radiator and you have no leaks. You tested the Battery, Ignition and sensor wires and are installed correctly. If you put the sensor on the radiator **INFLOW** port, the fans will be running at high RPM all the time.

The Auto Cool sensor sends temperature information to the controller and then the controller sets the pulse width the the fan or fans. If you have more than one fan, connect them in parallel.

You just switched on the ignition and started the engine and its cold. Notice that the fan or fans did not come on, or “**kick on.**” That is normal, they will only start to spin very slowly as the radiator temperature gets warm to hot. Now, as your radiator’s temperature is getting hotter, the RPM of your fans will spin faster. The controller will reach the pulse width and fan RPM when it is controlling the temperature of your radiator.

Your vehicle is parked and running at an idle. This is the time to test the regulation of temperature control. No need for a road test, that will come later.

Once your vehicle is up to temperature, now you want to get that laser temperature gun and point the red dot on the bottom of the radiator. Point the red dot on a **dull black surface**, not a shiny chrome. In slow steps, adjust the black control knob so that radiator temperature is about 10 to 15 degrees, below your thermostat’s engine temperature.