Thermostatic Relay Instructions

Note: The black wire coming from the relay has a round eyelet, this is not used at all DO NOT GROUND THIS. (You may wish to cut it out and splice back together with supplied end to end connector.)

Step1: Mount the relay under the hood in a continent spot relatively close to the fan.

Step2: Install the temp sensor into the head or intake. Make sure the sensor is properly grounded to the motor or relay will not function properly.

Step3: Route the black wire from the relay to the temp sensor and cut to length. Using one of the provided female spade terminals, crimp it onto the black wire and attach to the temp sensor.

Step4: Mount the induced 30A circuit breaker near your constant power source, I.E. battery, starter solenoid, etc. Route the red wire to the breaker, cut the wire to length, and attach with one of the supplied ring terminals. Using another supplied ring terminal, connect to the other side of the breaker to the power source.

Step5: Route the white wire to an accessory 12V switched power source, I.E. ignition switch, fan switch, etc. (If the white wire is connected to a constant power source the fan will continue to run until the temperature drops below 170 degrees even if the car is off.)

Step6: Route the blue wire to the positive lead from the fan motor. Connect the remaining lead from the fan motor to a good ground. (If your fan is reversible make sure the fan is pushing or pulling in the manner you need. If not simply switch the positive and ground connections.)

Note: this relay is designed for up to a 30amp **max** draw from a single fan or a combined 30amp **max** from 2 fans. We recommend that you try to keep it under 20amps for prolonged life and proper function. This kit also contains an inline fuse connection, check the actual draw from your fan or fans and use a comparable size fuse in this location

Trouble shooting: if fan is not working take wire off of thermostat and ground to block. If fan comes on it is likely the thermostat. If it does not it is another problem.