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Fan Relay Harness

195 Degree Thermostat Controlled Relay

Wiring:

Mount the relay in a dry place in the vehicle (usually under the dash). Once this is completed, connect the wires per the diagram and notes below.

Red: Connect to fan positive.

Gray: Connect to thermostat socket with red crimp connector.

Yellow: Connect to positive battery terminal using the fuse holder and yellow crimp connector as per diagram

Orange: Connect to ignition switch +12 volts when engine is in run position. (Hook to constant +12volts if you want the fan to run continuously when the engine is hot even when the ignition switch is off).

Black: Connect ring terminal to chassis ground.

Fuse Holder: Connect fuse holder inline per diagram within 12" if the battery using ring terminal or equivalent.

Installing the Thermostat Switch:

The sensor is in a 3/8" pipe thread. The thermostat supplied with the kit is an OE type that is designed to mount in the cylinder head of the engine. Any other mounting location will cause the fan to come on at a higher temperature. The 195FH sending unit comes on at 195 degrees and off at 175 degrees. If you need a different sized adapter, purchase the correct size needed. (1/2" included), which can be found at most automotive parts stores. Do not use Teflon tape on the sensor it can cause poor electrical contact and incorrect temperature readings.

Fan Control Options:

- (1) Connect a toggle switch (SPST) to the gray sending unit wire and override it for selected use. This will allow you to operate the fan when the switch is in the on position. Note: The switch must be able to handle at least (1/4 amp).
- (2) For any Application drawing more than 30amps, use dual fuses or a circuit breaker (note: the wire and the relay are designed to handle 40 amps of current draw).

Fan Wiring Diagram

