



**GC Cooling**  
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Des Moines, IA  
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www.gccooling.com

## Smart Fan Wiring Instructions

### Parts Included:

(1) Smart Fan Module	(1) 35 Amp Fuse	(6) Zipties	(2) Ring Terminals
(4) Butt Connectors	(1) Temp Sensor	(1) Fuse Holder	(1) Heat Shrink
(3) HP Height Screws	(3) MP Height Screws	(3) LP Height Screws	(12") Solder

**\* IF MODULE IS MOUNTED BY GC COOLING MOUNTING SCREWS WILL NOT BE PROVIDED \***

### Overview:

The GC Cooling Smart Fan Module is the next generation of cooling fan technology. Attaching our Module directly to the fan allows for a compact, easy installation process with minimal work required.

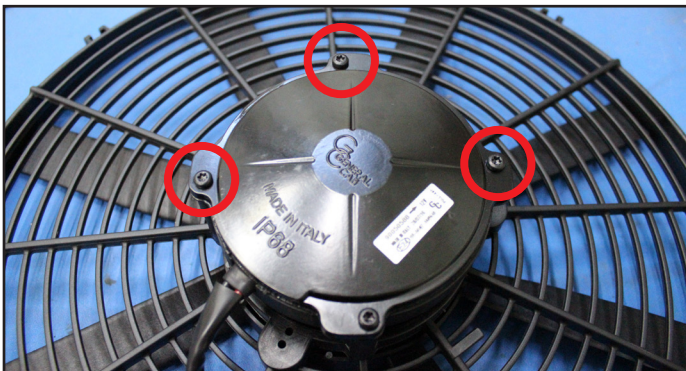
Our standard Module is programmed to turn the fan on at 50% at 150 Degrees and linearly ramps to 100% at 200 Degrees.

### Installing Module to GC Fan:

To install the Smart Fan Module to your GC Cooling fan you will first remove the top three screws from your motor cover. (See Fig. 1)

Place the module over of the motor cover, then replace the removed screws with the corresponding screws provided according to your fan series. 3 screws are provided for each HP, MP & LP (See Fig. 2) Check clearance between inside of the fan motor and fan blades for proper installation.

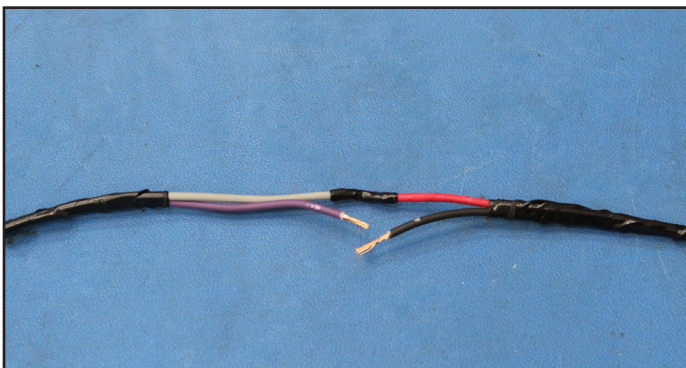
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(Fig. 1)



(Fig. 2)



(Fig. 3)

## Wiring:

**Red:(12 awg.)** Connect red wire to fuse holder, with supplied yellow butt connector, route to battery.

Fuse holder needs to be within 18" from power source

**Black: (12 awg.)** Connect to ground

**Temp Sensor connecting wires:** Connect Grey from fan switch to red of the sensor. Purple from Module to Black of the sensor. We recommend soldering these connections and covering with Heat Shrink Supplied (see Fig. 3)

**Yellow: (18 awg.)** Connect to switch output (IGN or ACC) (+12 volts)

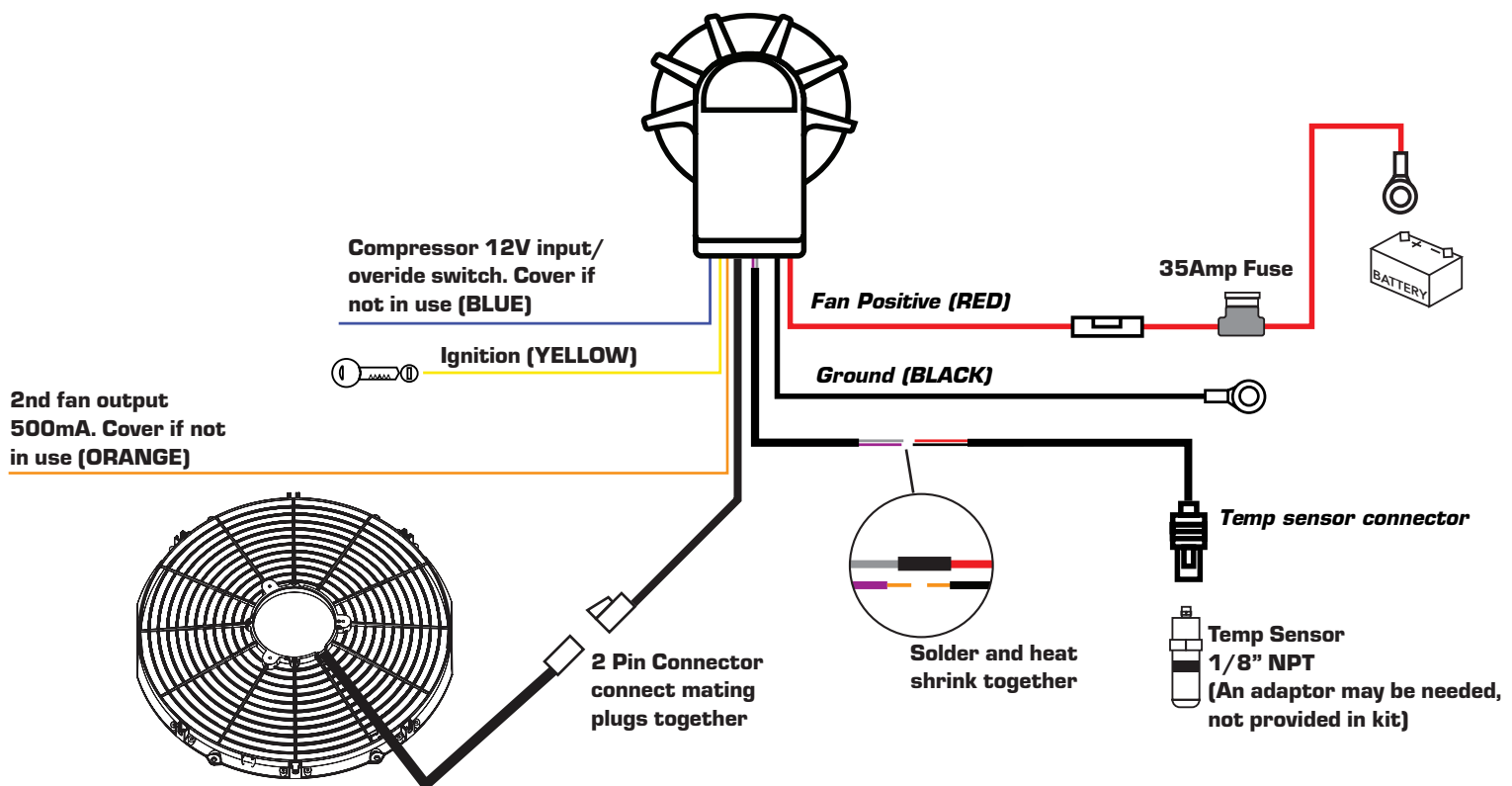
**Blue: (18 awg.)** Connect to 12V A/C compressor trigger, this will turn the fan(s) on at 100% when A/C is running (+12 Volt activation) or if not connected to A/C, can be connected to toggle switch for manual override. **(CANNOT BE USED IN COMBINATION)**

**Orange (second fan output) :** (18 awg.) 500 mA output for secondary fan operation. (See Smart Fan wiring guide at [www.gccooling.com](http://www.gccooling.com))

**2 Pin Connector:** Connect mating plugs together from Module to fan.

**\* IF SECOND FAN OUTPUT (ORANGE) AND/OR AC INPUT (BLUE) ARE NOT IN USE, USE PROVIDED HEAT SHRINK TO TERMINATE WIRES \***

## SMART FAN MODULE



Creative Werks/GC Cooling warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of sale to the original purchaser. Creative Werks will repair or replace this product free of charge if, in the judgment of Creative Werks, it has been proven defective within the warranty period. The product should be returned, at the customer's expense, to the location of original purchase. This warranty does not cover any expenses incurred in the removal and/or reinstallation of the product. This warranty does not apply to any product damaged by improper installation, accidental misuse, abuse, improper line voltage, fire, flood, lightning, or other acts of God, or a product altered or repaired by anyone other than Creative Werks. This warranty is in lieu of other warranties, expressed or implied, including any implied warranty of merchantability. No person is authorized to assume for Creative Werks any other liability concerning the sale of this product.

**Return Policy:** No returns can be made without prior return authorization. Returns will be subject to a 25% restocking fee and must be returned prepaid within 30 days of original invoice. Please call 515-645-5908 for a return authorization number.

**Defective Merchandise:** Any merchandise defective under Creative Werks Inc./General Cab warranty may be returned, prepaid, with return authorization and an evaluation will be made. Credit or replacement will be issued where applicable. Please consider contacting our technical assistance hotline to minimize unnecessary returns. Please refer to the Creative Werks Inc. Warranty Statement for specific warranty questions. Warranty is limited to defective components within kits. Please examine the product carefully before returning.