



## SOLID STATE FAN-RELAY

Painted Brown

Note: If you have another fan controller you need to remove it and install the fused jumpers in the blue fan fail socket or install my fan fail unit into the socket.

- 1) The Fan relay is the relay beside the blue fan fail relay. Do not install this unit into any other relay position. This unit delays the fan turn on for one second to allow the AC compressor to start and the AC clutch current to settle.  
The fans will then run for a minimum of 20 seconds. This minimum time prevents the fans from cycling on and off if your AC compressor needs to cycle.  
This prevents sudden voltage fluctuations and should improve AC performance.
- 2) Pull the old relay from its socket. I find it better to rock the relay a little as you are pulling it up. Keep the old relay as a spare.
- 3) Install the new relay matching the position of the pins with the socket. Again a little rocking of the unit while you press it down works better.  
Do not use excessive force or you can press one or more of the socket pins out of the connector. But be sure the unit is fully seated into the socket.
- 4) To test the unit, turn your ignition key to ON. Turn your AC to ON (normal, max or bi-level). Your fans should start running in one second. Now turn your key to off.  
Your fans should continue to run for 20 seconds and then shut off.
- 5) Note:  
A second fan relay used with modified wiring is marked FAN #2 which is programmed with a 3 second delay and 22 second on time. This will result in a sequence of the fans with a two second offset.