

Installation Instructions for 10569

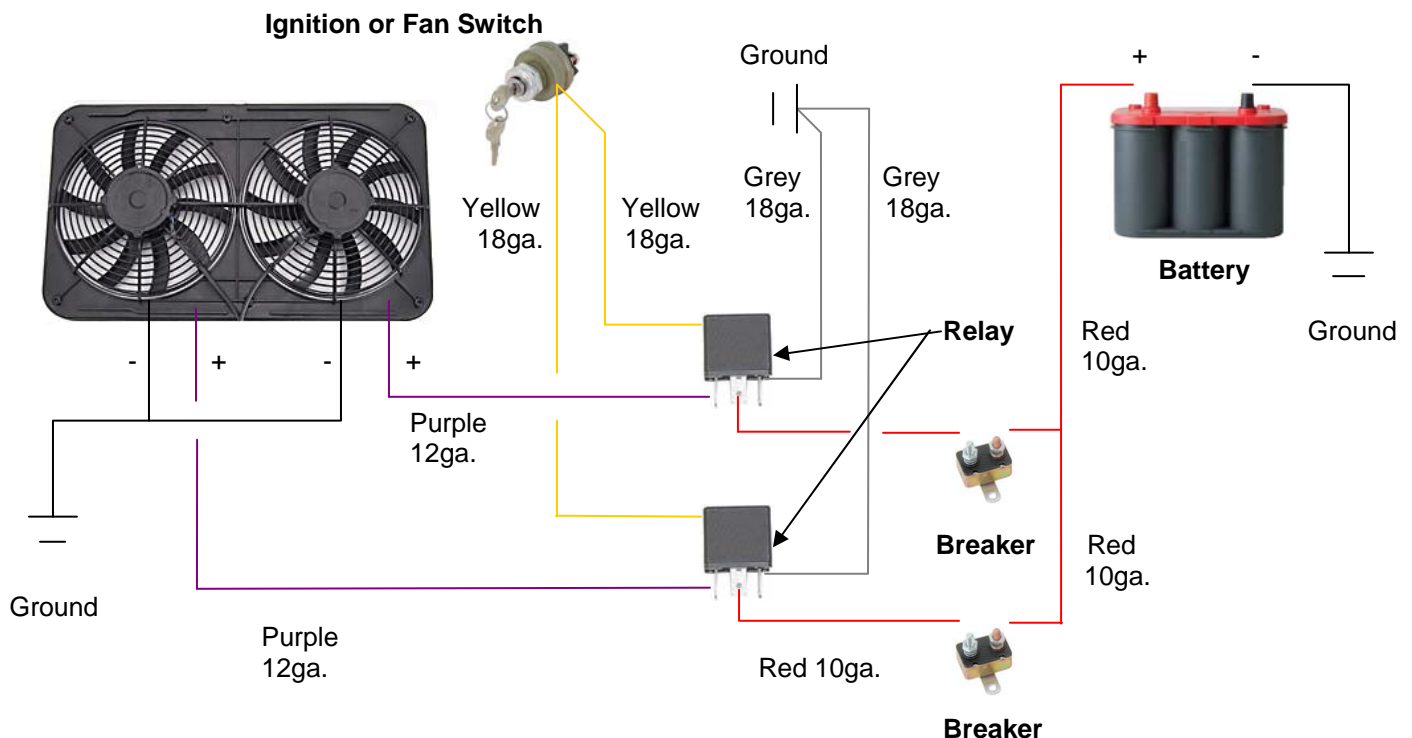
Dual Electric Fan Relay Kit

Updated 06/24/10

Be sure to route wires in a manner so that they do not chafe on any sharp metal edges and use proper terminals and connectors at all connecting points to insure proper electric fan function. Use wire nuts, solder and heat shrink tubing or crimp connectors to make all of the electrical connections. We do not recommend the use of electrical tape as a means to make and hold connections together.

This fan control kit is designed to be used with dual fan applications as long as the combined current draw does not exceed 60 amps (30 amps per fan). This kit powers each fan's main power independently of each other, in the event of a circuit or fan failure the other fan and circuit will not be affected. It is important to connect the 10 gauge RED power wires and the fan ground wires utilizing separate connector and hookups.

1. For best results mount each relay in as close proximity to the fan it's powering as possible.
2. Secure the relay assembly with the included sheet metal screw. You may use this attachment for the GREY 18 gauge ground wire if it is making direct contact to a known ground, such as the chassis or underbody sheet metal. If the relay is attached to a plastic or other non conductive material be sure to route and secure the GREY 18 gauge wire to a known ground.
3. Attach the PURPLE 12 gauge wires to the positive (+) wires on the fans utilizing the supplied connectors and terminals and connect the fans grounds (-) in this manner. (Some fans can be run in reverse, per manufacturers instructions, by reversing these connections) It is recommended to crimp and solder where practical.
4. Mount the circuit breakers near the power source you are using to power the fans.
5. Cut the RED 10 gauge wires so they terminate near their respective circuit breaker; connect to one side of the circuit breaker using one of the supplied ring terminals. Attach another terminal on the remaining RED wire and connect to the other side of the circuit breaker. The circuit breaker will "pop" if the system is overloaded and will automatically reset once it has cooled down.
6. Route the YELLOW 18 gauge wires to the ignition switch or an auxiliary "fan switch" if you are independently switching the fan system. After stripping, lightly twist these wires together before inserting and then crimping to the appropriate connection for your application.



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