

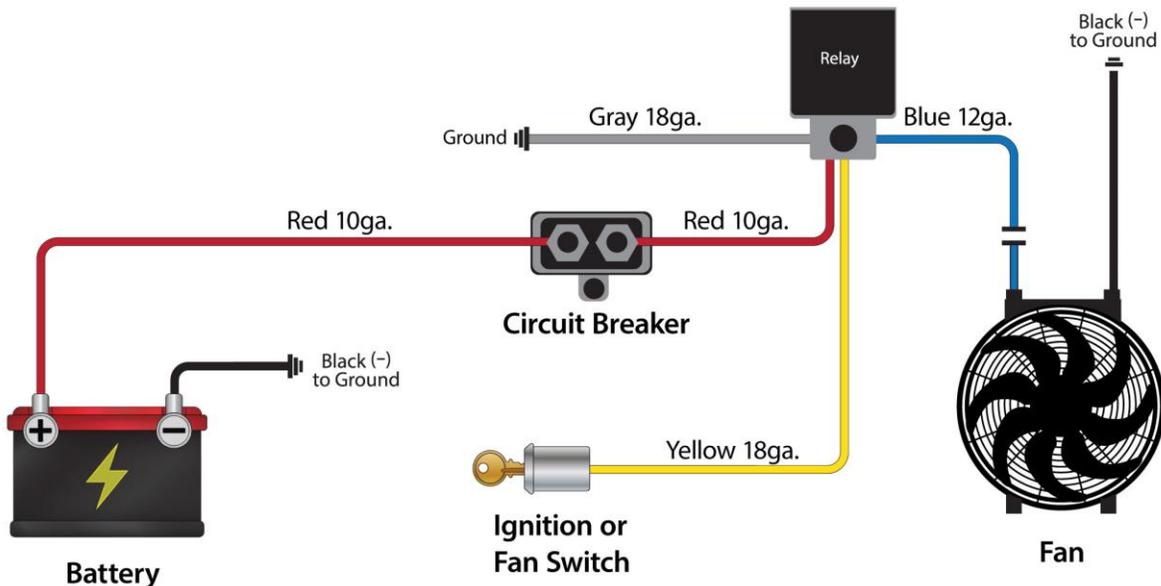


## Universal Electric Fan Harness & Relay Kit Part # 40220G Installation Instructions

**NOTE:** This fan harness & relay kit can be used with one or two electric fans as long as the total amperage draw does not exceed 30 amps.

Route the wires away from heat and sharp metal edges that may cause melting or damage to the wires. Use crimping tools or solder and heat shrink tubing when making wiring connections. Do not use electrical tape to hold the wires together.

1. For best results, mount the relay as close as possible to the electric fan.
2. Use the sheet metal screw to mount the relay connector to the vehicle. This sheet metal screw can also be used to provide ground by attaching the GREY 18-gauge wire – as long as the screw is mounted to a good vehicle ground (i.e. metal chassis or body of the vehicle). The Grey wire can also be mounted in another location to provide a good known ground.
3. Route and connect the BLUE 12-gauge wire to the POSITIVE (+) wire on the electric fan motor. Some fans can be run in reverse, by connecting this wire to the NEGATIVE (-) wire on the electric fan motor (some fans cannot be run in reverse using this method).
4. Mount the circuit breaker near the power source you will be using to power the fan(s).
5. Route and cut the RED 10-gauge wire so that it terminates near the circuit breaker. Use the ring crimp terminals to connect the circuit breaker in-line with the power circuit. Note the circuit breaker will make a “pop” sound if the system is overloaded, and will automatically reset once it has cooled down. Keep your hands clear of the fan since it may restart automatically when the circuit breaker resets.
6. Route the YELLOW 18-gauge wire to the ignition switch or manually controlled fan switch (for driver control of the electric cooling fan).



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