

# HIGH AMP DUAL FAN RELAY HARNESS KIT Z41030

Dual Fan Application over 40 Amp Combined Draw

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A Northern Radiator high Amp dual fan relay kit can be installed for any dual fan application over 40 Amp combined draw to protect the vehicle wiring and electronics.

## WIRING:

**FUSE HOLDER:** Connect to (+) power supply within 12" of the battery. **NOTE:** A 30 Amp fuse is included, but in high Amp applications use a fuse per the current draw of the particular fan being installed. (40 Amp max).

**BLUE WIRE:** Connect to the fuse holder.  
**NOTE:** Use minimum of 12 gauge wire from fuse holder.

**GREEN WIRE:** Connect to the chassis ground by crimping a 12 gauge lead to the yellow butt connector. Seal the shrink tube case with hot air.

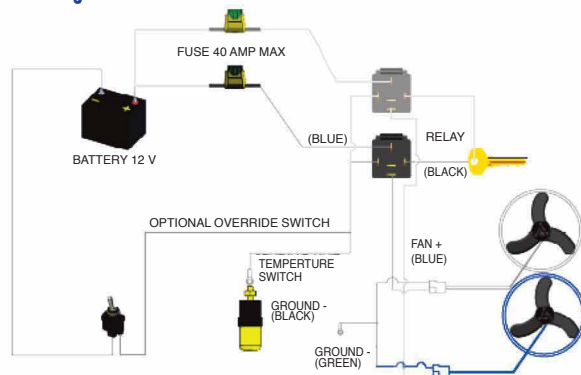
**BLACK WIRE:** **IMPORTANT:** Connect the black leads from each relay so there are effectively two black leads (set). Connect one black wire to ignition switch (+) 12 volt DC source. Connect the other one to your override or temperature switch. **NOTE:** The two leads are interchangeable and it does not matter which black lead you choose for the 12 volt (+).

**FAN TERMINALS:** Connect to the fan(s) leads. If the fans use a different type plug terminal, clip the terminals (on the fan) and replace with 1/4" flat blade male terminals, and insert into the harness noting the (+) and (-) locations on the wire harness connectors.

## Fan Terminal Harness Diagram:



## Dual Fan Diagram:



## For Use With Optional BM#346932 (Combine black leads from each relay):

