

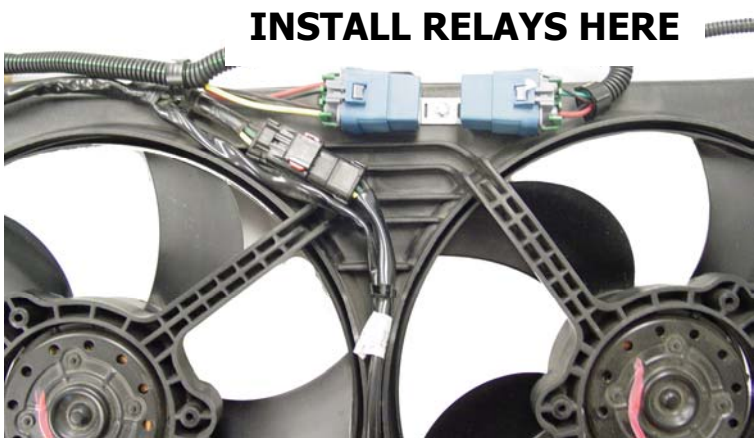
INSTALLATION INSTRUCTIONS

109069 DUAL FAN RELAY CONVERSION HARNESS

Since the factory fan relay on the Buick cannot safely sustain the full load of two fans, a supplemental relay system must be used. This harness is designed specifically for the 1986-1987 Buick Grand National and T-Type vehicles which are converted to the Dual Fan system sold by Ramchargers, part number 674001. The harness consists of two sealed relays. The relays are both energized by the factory fan relay in the Buick, reducing the circuit load on the factory relay and permitting full coolant fan control without overload risk. The fans are then both powered **at high speed** when cooling is commanded via factory low speed coolant fan control through the ECM. This system assures proper load through the relays with proper power distribution.

THIS KIT IS DESIGNED TO "PLUG-AND-PLAY TO YOUR EXISTING VEHICLE"
You do not need to cut and crimp the fan connectors!

Fasten the relays to the upper fan shroud as shown. Attach the ring terminal to the battery positive post using the supplied extended battery bolt and spacer. It can be attached to a positive junction from the battery if desired. Then insert connectors as shown in illustrations below. The factory turbo fan control connector plugs directly into the fan connector mate and the four-wire connection plugs into the harness attached to the new fan assembly. Use cable ties provided to secure the harness. *NOTE: This harness uses OEM connectors and terminals, crimped to OEM specification. It is NOT NECESSARY for these terminals to be soldered; just as OEM vehicle manufacturers don't solder sealed crimped terminals, this harness does not have soldered crimps on the terminals of the sealed connectors. Competitive products claim soldered crimps on sealed terminals are an improvement; we, like the automakers, strongly disagree. Don't be fooled by unsubstantiated claims.*
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**INSTALL AS SHOWN IN
THESE ILLUSTRATIONS.**

