



Late 1989-1991 Full Size Jeep Blower Motor Resistor Conversion



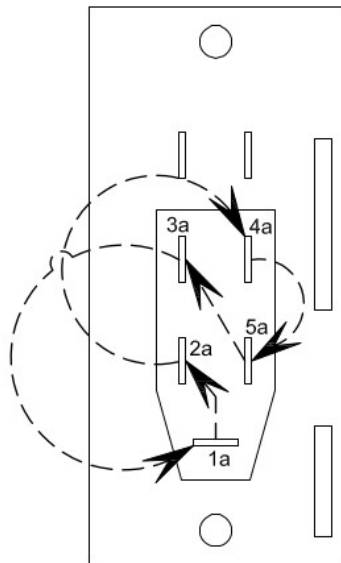
Notes:

1. Note: please read through all instructions prior to removing or installing any part. If you do not feel comfortable with the instructions or in your ability to install or modify your vehicle, please take to a reputable mechanic to have them perform the installation. BJ's Off-Road can not and will not determine your ability to install this kit, and the extent of our warranty and liability only cover the components of this kit, and do not cover improper installation, abuse, neglect, labor rates, etc. Contact us with any questions prior to installation.
2. For this conversion, you will be removing the wires in your blower motor resistor harness connector (plug), and relocating them to match the diagram we have provided. We will assume you have already installed the new resistor onto the heater core housing for the purposes of these instructions. We suggest taking digital pictures of the wire position in the connector (plug) before starting as a reference in case you encounter any issues.

First, disconnect the battery and secure the cable.

Second, disconnect the harness connector (plug) from the existing resistor. You may need to loosen this section of the harness from the main harness, so that you have enough room to work.

Third, you will want to mark each wire in the resistor harness with masking tape and using a Sharpie marker to label them 1a, 2a, 3a, 4a & 5a per the positions in the drawing below (diagram shows the resistor's visible face once installed into the heater core box).



FRONT FACE

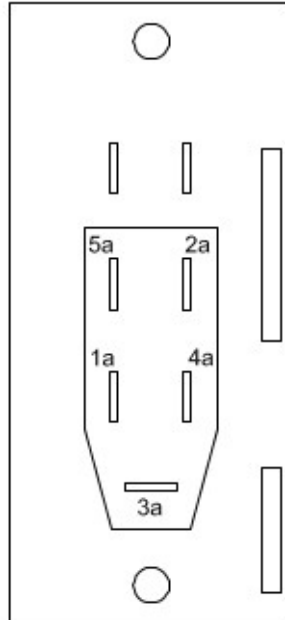
(THIS IS THE SIDE YOU SEE
ONCE INSTALLED IN THE
HEATER CORE BOX)

Connector Wire Relocation Chart

- Move wire 1a to position 2a
- Move wire 2a to position 4a
- Move wire 3a to position 1a
- Move wire 4a to position 5a
- Move wire 5a to position 3a

Fourth, using a small flat head screwdriver (or similar tool), you will gently depress the tab on the metal clip for each wire in the connector, one at a time. This will allow the wire and metal tab to be pulled through the back of the wiring harness connector. Once each wire and metal tab has been removed from the factory connector, you will relocate them per the diagram to the new position in the plug. Keep the masking tape labels on the wires until finished and you have confirmed operation (in case you have to adjust locations). See image on following page for Finished Wire Locations.

FINISHED WIRE POSITIONS



FRONT FACE
(THIS IS THE SIDE YOU SEE
ONCE INSTALLED IN THE
HEATER CORE BOX)

Fifth, make sure all wires are firmly seated in their new position in the plug. Reinstall the connector onto the resistor, and reconnect the battery. Check for proper operation. If the plug becomes hot, if the fuse blows or if there are any other issues, you will need to recheck you have all wires in their correct positions (refer to your digital photos as a guide).