

12 Volt to 6 Volt Heater Motor Voltage Reducer

This **02415HR** voltage, reducer allows you to keep your original 6-volt heater blower motor in place when you upgrade the electrical system to 12 volts. For most applications the best place to mount the **02415HR** voltage, reducer is on the inside of the metal air duct housing. The air blowing across the **02415HR** reducer will help to cool it, and the heater will keep its original look.

Tech Tip - Most all original 6 volt heater control switches are designed to carry the heavy amperage of 6-volts and should work fine on 12-volts. If however, your heater switch gets hot when in use, you have the odd exception. In that case, simply install the **02415HR before** the heater control switch.

Step One

- 1) Disconnect the positive cable from the battery.
- 2) Carefully mount the **02415HR** voltage, reducer inside of the metal heater air duct housing on the air exit side, **(or any non-flammable surface)** using pair of (6 x 3/8) sheet metal screws. The reducer can be mounted in any position. The fan motor can be connected to either end of the **02415HR** reducer.

Step Two

- 1) Disconnect the heater blower motor wire from the heater switch. Attach the switch end of the wire **to either terminal end** of the **02415HR**, voltage reducer using the **insulated (22-18 gauge) female spade terminal provided**.
- 2) Connect a wire from original heater switch, to the remaining terminal end of the **02415HR**, voltage reducer, using the **insulated (22-18 gauge) female spade terminal provided**. Connection to heater switch should be as per original.
- 3) Reconnect the battery. **Check your work**. Be sure all wires are clear of the fan blades or blower cage and that no wires have become pinched or have damaged insulation. Be sure all connections are clean and tight.

Caution: The 02415HR will become warm during normal use. Do not mount this voltage reducer on or near any flammable area. Use caution when working around the 02415HR, voltage reducer after it has been in use.

Questions - Call 785-632-3450 or e-mail <fifthave@oz-online.net>
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