

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 your 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. **Please read these directions carefully. There may be some additional materials you will need to locate, depending on your application.**

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 a pair of (6 x 3/8) sheet metal screws. The reducer can be mounted in any position.

3) The 02415HR heater reducer needs to be connected "in-line" to the "hot" wire that runs between the heater switch and the blower motor. Measure the distance from the blower motor to the newly installed 02415HR. Cut the "hot" wire at the measured length and install the insulated female wire terminal provided onto the end of the wire. Next...install the wire onto one end of the 02415HR voltage reducer.

Step Two

1) Take the remaining end of the "hot" wire that runs up to the heater switch and install the insulated female terminal end provided. Connect the terminal to the 02415HR voltage reducer. If the original wire is not long enough, replace it with a piece of 18- gauge wire. Do not splice into the original wire.

2) 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 may 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.
