

12 Volt to 6 Volt Heater Motor Voltage Reducer

This 02415HR voltage reducer allows you to keep your original 6-volt heater blower in place when you upgrade your electrical system to 12-volts. For most applications **the best place to mount the reducer is on the inside of the metal air duct housing.** The air blowing across the reducer will keep it cool and the heater will keep its original look. **Please read these directions carefully there may be some additional materials you will need 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 will work fine on 12-volts. If however your heater control switch gets hot when in use, you can simply install the 02415HR voltage reducer **ahead of the heater control switch on any non-flammable surface.** This will reduce the current to both the heater control switch and the heater blower motor.

Step One

Disconnect the positive cable from the battery.

Carefully mount the 02415HR inside of the metal heater air duct on the air exit side, (or any **non-flammable surface**) using a pair of (6x3/8) sheet metal screws. The reducer can also be mounted in any location, between the heater control switch and the heater blower motor. The reducer can be mounted in any position.

Step Two

One end of the reducer should be connected to the heater control switch battery power wire. The other end of the reducer should be connected to the heater blower motor power wire. Use 18-gauge wire for your wiring connections. The heater reducer should be installed "in-line" between the heater control switch and the heater blower motor.

Reconnect the battery and check your work. Be sure all wiring is clear of turning fan blades and blower cages. Be sure no wires have become pinched or have damaged insulation.

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

Questions – Call 785-632-3450 or email fifthavegarage@gmail.com
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