

INSTALLATION INSTRUCTIONS SEAT HEATER KIT

HR2000

Introduction

Your new Autoloc® seat heater kit can transform nearly any automobile, boat, truck, or RV seat into a comfortable throne of warmth. No longer will cold weather be so uncomfortable. Installation of the HR2000 Seat Heater Kit can be performed with the simplest of household tools by even the 'weekend' mechanic in the seats of your choice for use with any 12 volt system capable of supplying 10 amps continuously. Please read the following notes before beginning installation.



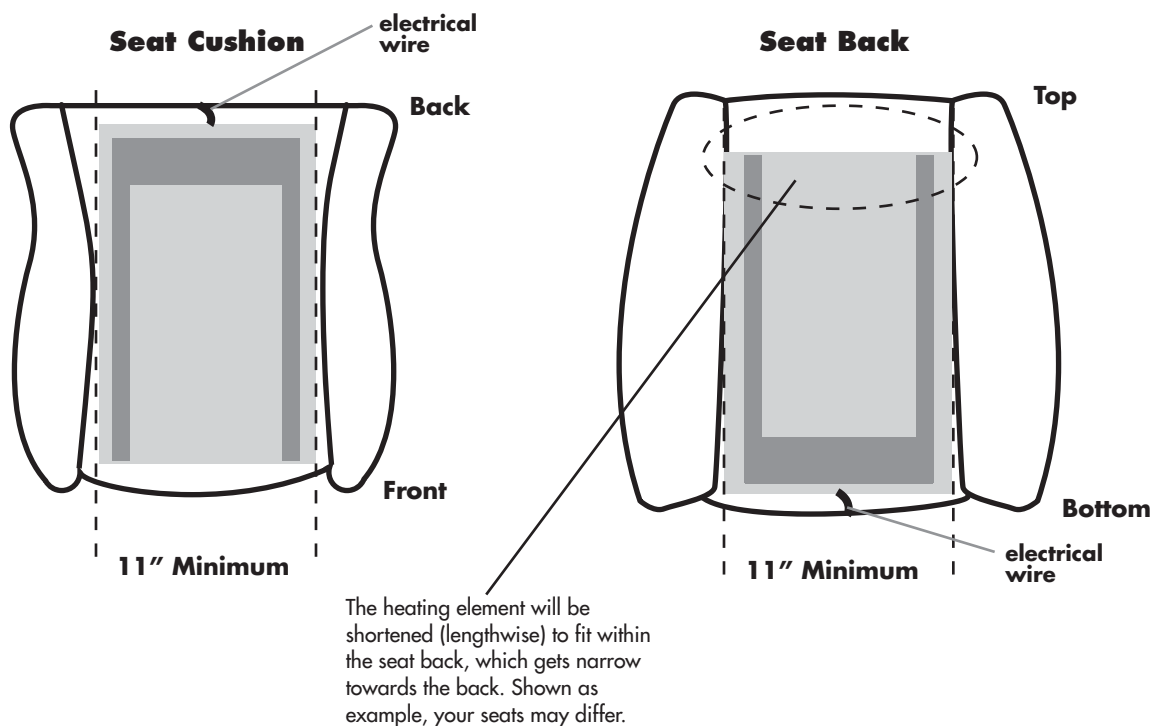
Important Notes

- All instructions **MUST** be followed closely. Inability to do so will void warranty and could cause damage to seats, vehicle or people.
- The width of the heating elements must not be changed by cutting or folding. Seats must have a minimum of 11 inches of width between bolsters.
- The wiring harness must allow for full range of motion of the vehicle's seat adjustment and must not intrude with either driver or passenger leg & foot space.
- Great care must be taken on cars with side airbags. Only attach heating element to center of seat, and **NEVER** connect power to any airbag connections during seat heater installation.
- Only wiring harnesses and components that came with the HR2000 should be used. Do not substitute any parts.
- Before installation in your seat, connect power to seat heater elements for 45 minutes to allow for material outgassing. A slight odor will be noticeable, and may be noticeable for the first few times the heaters are used after installation. This is normal and will subside.

INSTALLATION INSTRUCTIONS SEAT HEATER KIT

Installation

1. Remove entirely from the vehicle the seat in which the HR2000 will be installed after you have disconnected the negative battery cable. Make sure your work space is free of debris or obstructions and remove the outer seat cover from your vehicle's seat, exposing the foam padding underneath.
2. Separate bottom seat cushion from seat back at the seat's hinge (the point at which it reclines). Remove and dispose of all upholstery clips and unhook all other connections using a screwdriver or other tool depending on your particular seat. Make sure there is no loose metal parts and clean the foam of any debris.
3. Lay the HR2000 seat heating elements on the bottom seat cushion and on the seat back to check for placement with the label side facing up. Make sure that there is a minimum of 11" of space between the seat side bolsters, as the heating elements must not be fitted into any channels running from front to back on the seat. See illustration below for fitment sample.



4. The electrical supply wires can be fitted into the back so they are not seen in the finished seat. Fit the heating element into any channels without folding any of the areas covered by adhesive tape- only the 1" wide textile edge can be folded into lateral (front to back, top to bottom) channels. Areas with adhesive tape must be adhered to a flat surface. Only the length is variable and in most cases it is not necessary to cut the heater element.

***Do not cut adhesive taped areas. Do not fold the temperature sensor.**

INSTALLATION INSTRUCTIONS SEAT HEATER KIT

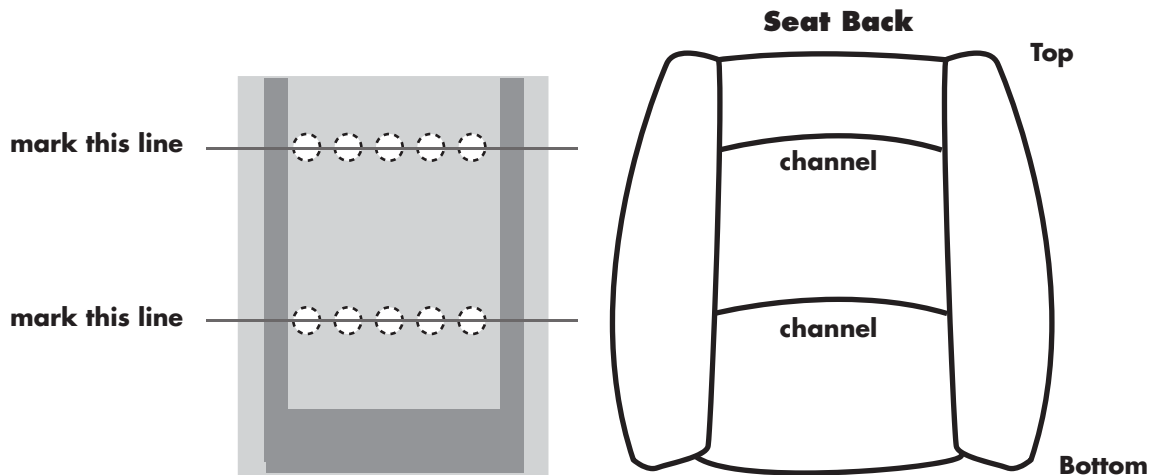
Installation (continued)

5. For seats with horizontal channels:

If your seats have no horizontal channels, skip to step six.

In order to enable the seat's cover to be re-installed on the seat, holes must be cut into the heating element, BUT NOT ON THE ADHESIVE.

Lay the heating element onto the seat and use a light marker to mark where the channel will be under the heating element. Remove the heating element and lay it on a flat surface. Between the adhesive sides, cut out 1 to 5 evenly spaced holes about 1" in diameter according to locations in which the seat's cover will attach through the channel to the seat's frame.



5a. Now that you have your circles cut, cover the front and back of the holes with the enclosed adhesive tape, and then punch holes 1/2" in diameter in the center of the original holes. This way, the heating element is completely enclosed in tape and secure from touching any metal on the seat's frame.

Repeat this process for the seat bottom cushion as well if it also has horizontal channels.

- 6.** Now lay the heating element back on the seat foam, this time with the printed side facing the foam. Remove the backing on the adhesive and fully adhere the element to the foam. The connection wire can be run through a convenient slot you make in the foam that prevents it from interfering with the various seat joints.
- 7.** Re-assemble the seat and fit the seat cushion cover back onto the seat itself. Do not use any metal fasteners or upholstery clips to re-attach it. Use the enclosed cable ties. Be sure to not crush any of the wires, and make sure that in the process of re-attaching the cover you do not create any folds in the heating element.

INSTALLATION INSTRUCTIONS SEAT HEATER KIT

Installation (continued)

8. Electrical Wiring

While routing the wire harness, be sure that it will not be pinched, squeezed, chafed or in any other way compromised. Attach it to the seat frame securely in a way that allows for normal seat operation and adjustment. Re-install the seat into the vehicle and plug the open connectors of the harness into the open wires on the heating element.

- 9.** Run the wire harness to the dashboard, center console or side seat shield (if your seats have one) and cut a 20mm hole where you want the seat heater activation switch to live. Pull the wire out of the hole, plug into the switch, and then push the switch into the hole securely.

- 10.** Connect the remaining open wires to your vehicle's 12v electrical system. Refer to your vehicle's wiring diagram to find a 12v source that is capable of handling a 10-amp continuous source that will only work when the ignition/accessory is on to prevent the seats from draining your battery when you leave the vehicle if you forget and leave them on. The seats consume about 70 watts per seat, which would drain the battery considerably without the engine running.

- 11.** Start your vehicle's engine and turn on the seat heaters. Make sure there are no abnormally hot spots or overheating due to folded heating elements. Now, enjoy your toasty seats!

Wiring diagram

