INSTALLATION INSTRUCTIONS

# COOL VENT

VENT FAN COOLING SYSTEM

## PART #: SH-ISCF

## IMPORTANT

VENTILATION SYSTEM NEEDS OPEN ACCESS THROUGH BOTH BACK AND BOTTOM OF THE SEAT IN ORDER TO DRAW AIR FROM THE CABIN.

Seat back should have mesh or access holes on the cover to allow for airflow. Make sure fans are not placed on the rear portion of the seat bottom as this is where the occupant will place 60% of their weight and potentially restrict airflow.

## CONTENTS:

2 Sheets of Reticulated Foam
2 Fans for the Back Cushion (*w/ integrated guards*)
2 Fans for the Bottom Cushion (*w/ integrated guards*)
Wire Harness with Control Unit
Cool - High/Low selector switch

## GENERAL ADVICE:

+ Installer will be held liable for any damages due to improper fitting or not following installation instructions.
+ Fitting must be done by qualified installation professionals to avoid damage to equipment and people. Not adhereing to this will void the manufacturer's warranty.
+ As described in the manual, the seat cooling system must be connected to an onboard power supply.
+ Using components other than those supplied by the manufacturer will void the warranty provided.
+ Avoid folding the seat elements when installing.
+ Only use a 12 Volt DC power supply to connect to the system.
+ Without damaging, the wire harness, the system must be fitted allowing full range of seat movement and must never intrude both driver and passanger leg space.
+ Cars with side airbags must be handled according to the installation instructions. The seat cooling system is to be attached to only the middle of the seat foam. The installer must be careful when handling the connections of the side airbag(s), and to also make sure no power supply is connected during installation.

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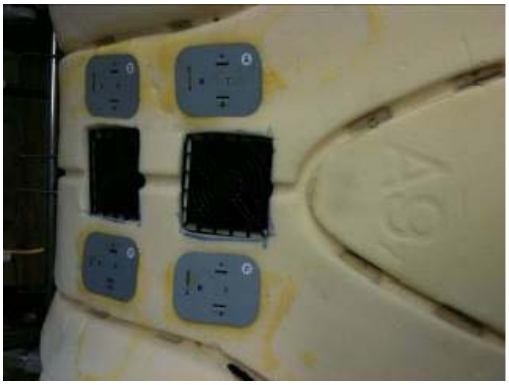
## IMPORTANT NOTES:

*Vent fan kit will only function properly when installed with FULL PERF leather, backed with open cell reticulated foam. Factory leather is usually NOT full perf. Check with your aftermarket leather supplier and order kits readymade for vent fan cooling.*

+ Most perforated leather kits have foam under the leather. Be sure to cut this foam out and replace it with the perforated/mesh spacer. This is necessary to allow the cold air to circulate between the cushion and leather.



+ Make sure the cooling fan is located inside the cushion and cover it with one piece of perforated spacer. This is so that the customer will not feel the fan when sitting on top of the cushion.

+ You can customize the perforated spacer to fit to the particular pattern you are working with., as different seatsmay have different patterns. Also keep in mind to ALWAYS keep the trenches in the seat cushion clear of any obtrusions.

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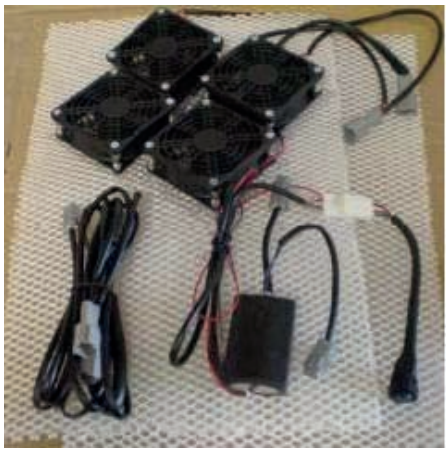
4 cooling fans,
1 control harness, and
2 perforated spacers.



Optional Perf Heat Pad

## 1

Remove the seat from the car seat and its cover.

## 2

Some passenger seats have Air Bag Sensors **AVOID ALTERATION!**

## 3

**DO NOT** cut into any wires when carefully cutting the thin outter layer of the foam where sensor is attached. **DO NOT ALTER SENSOR**

## 4

This is an example of **WHAT NOT TO DO.**

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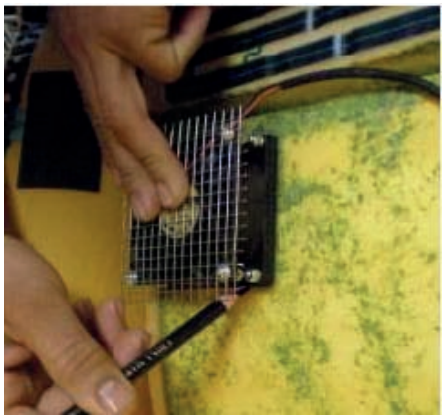
5

Measure before cutting by tracing the perimeter of the fan onto the foam.

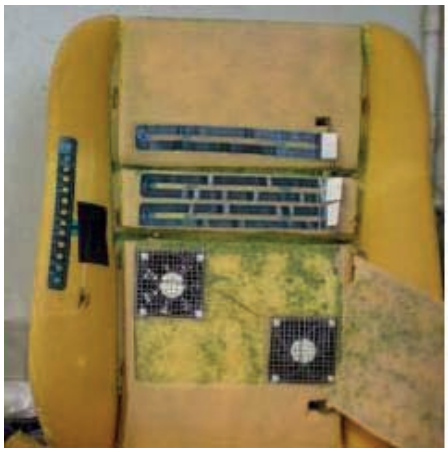


6

This is what you should see once you've cut and removed the foam.

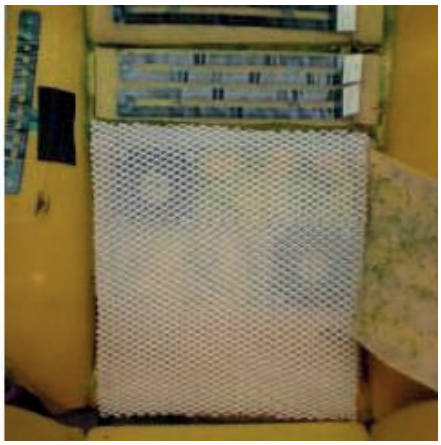
7

Before cutting the second hole, make sure the first fan fits the first hole.



8

Glue the perforated spacer/mesh over top of the cushion as shown.



9

**DO NOT ALTER** air bag sensor position!

10

Firmly attach the heat pads using spray glue [**OPTIONAL HEAT**]

**OPTIONAL HEAT**

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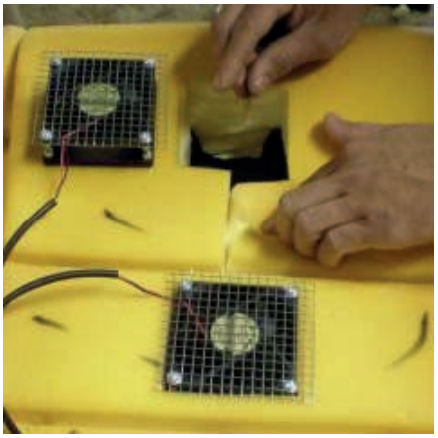
### 11

Make sure all the wires go to the rear side of the back cushion.

### 12

Use the same method of measure/tracing and cutting for installing seat cushion fans.

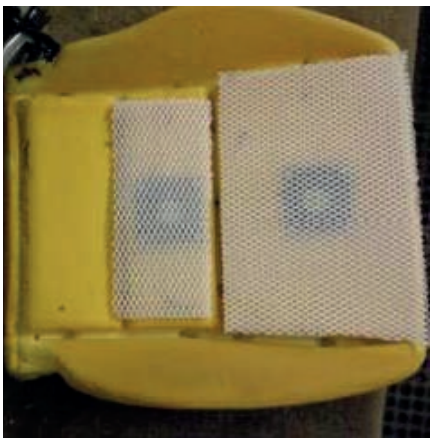


### 13

Cut the mesh spacer to fit the seat cushion without covering the tenches in the seat cushion.

### 14

Glue the mesh spacer onto the seat cushion as shown here.



### 15

Glue the heat pad onto the mesh spacers as shown here.

### 16

Make sure all the components are firmly and cleanly attached to the seat cushions before putting the seat cover back on.

**OPTIONAL HEAT**

## 17

In this installation, we use the 12V power source from the cigarette lighter connector inside the center console. You can also find a power source in the fuse box, side panel near the seat, or any 12V source from the ignition.

## 18

Be sure to install the 10 A fuse between the 12V accessory triggered power-source, and the heating and cooling system. Now test the connection before you proceed.

## 19

Drill a 21 mm hole and pull the heat switch harness (to be attached to the main wiring connector) through the hole.

## 20

Drill a 21 mm hole and pull the heat switch harness (to be attached to the main wiring connector) through the hole. Attach the switch connector to the main wiring connector.

## 21

Push everything back through the hole. Make sure everything is connecting properly.

## 22

Push the switch snuggly into the hole until you hear a “click”.

## 23

Test the connection by turning on the switch. If the indicator light does not turn on, then check the power source, fuse, and all other wire connections.