

Install Instructions for Intake Attachment for Mustang 6G Climate Controlled Seats

*Some images and information courtesy of Droid_Junky and zuki_dan.
Additional image from Ford's TSB instructions.*

www.darko66.com

SPECIAL NOTES:

- This attachment will only work with the original blower unit that shipped with 2015 and 2016 models. If you have had the TSB modification done or your vehicle shipped with the TSB modified unit, this attachment WILL NOT work for you. You can check the underside of the seat from the back to see if you have the white intake sock that is part of the TSB unit (see image at right).
- Once installed, the back of the seat may not appear as smooth and will bulge out slightly due to the hoses exiting the seat.
- Intake hoses are not provided. You will need to purchase 3/4" ID (Inside Dimension) hose. Each seat requires 9' of hose. Any 3/4" ID hose will attach to the nips on the attachment, but corrugated hose is suggested to prevent kinking.
- For good results the A/C should be set to blow from the panel and floor simultaneously. The lower the temperature setting the better as well. You want to feed the blower unit the coolest air you can, especially at first. For maximum seat cooling, set the A/C to blow from the floor only. Once the car, blower unit and seat have cooled down, you can back off on the A/C and still have good results.
- The entire seat back does not cool. This is an unfortunate limitation due to the way Ford designed the seat. The primary area cooled is the second panel from the top. Some cooling will spread from there to the top panel and maybe slightly to the third. The bottom panel will not cool at all, although there may be a slight cooling effect from the seat cushions cooler.
- Be aware that there are sharp edges within the seat. Please use caution.
- Do not for any reason extend the tubing out past the front of the driver's seat. Doing so may interfere with the safe operation of the vehicle (sorry, had to include that).



REQUIRED ITEMS:

(Links for recommended items included)

2015-2016 Ford Mustang with Climate Controlled Seats (w/o TSB modification)

1 intake attachment per seat from www.darko66.com

3/4" ID pond tubing or equivalent – 9' of tubing for each seat
www.homedepot.com/p/Total-Pond-3-4-in-x-20-ft-Corrugated-Tubing-C16015/202017062
www.amazon.com/gp/product/B004DLOXUO/

Torx T6 screwdriver or T6 bit + magnetic holder
www.amazon.com/gp/product/B00B1T4A96/
www.amazon.com/gp/product/B000LNLNU/

Please note that some images included in these instructions show an earlier version of the attachment. Some minor cosmetic changes have been made since.

OPENING UP THE SEAT:

The back flap of the seat is held closed by two elastic straps. Both straps connect to hooks under the seat and also wrap around wiring harnesses. You will need to disconnect the wiring plugs in order to free the straps. See image at right showing one of the plugs disconnected and the strap still looped around the wires.

If it is not already, move the seat to the fully forward position and release the seat back so it's tilted fully forward.

There are 2 plastic push fasteners holding the seat cover to the bottom of the frame on each side. Use a slot screwdriver or other flat edge to loosen up the pins. The fasteners are difficult to fully remove, so loosening them is sufficient. With the fastener loosened, you'll be able to work the holes in the fabric tabs over the head of the fastener. Be careful not to damage the fabric.

There is a plastic insert that slides inside the lining of the seat back. Note it's position before removing it. It slides between the seat back material and a foam inner lining. The top portion has holes that align with the holes in the foam liner. Set the insert aside in a safe place.

Next you have to disconnect the flap that wraps around from the front of the seat. On the back of the seat there's an 8 inch or so wide flap that connects onto the frame of the seat via a plastic clip. Pry off the clip and push the flap through the gap between the seat back and bottom cushion to the front of the seat. You can now work the seat cover up over the side bolsters on each side. Lift the cover up only as far as needed to provide access to the blower unit. Be careful pulling on the front of the seat cover as it is connected to the mesh pad that spreads out the cooling that is connected to the blower unit.

Note that it is possible to install the unit without pulling the seat cover up, but it requires working blind and one-handed. If you wish to attempt installing this way, you only need to unhook the seat flap. You can then reach up into the seat to complete the work.

REMOVE THE DEFLECTOR:

There are two screws holding the deflector onto the blower. The screws require a Torx T6 screwdriver/bit.

Note that the screws are very small and you should remove them carefully to avoid dropping and potentially losing them. Place the screws in a safe place as you will need them to install the attachment.

If the deflector is still hanging from the hook on top, tilt it from the bottom out away from the blower and pull up to unhook it. Keep the deflector somewhere safe should you ever have a need to reinstall it (glove compartment perhaps).



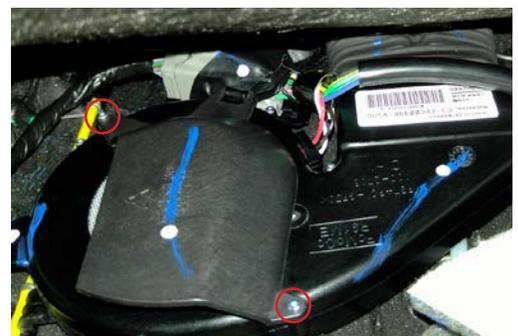
Wire harness and back flap strap



Loosen plastic push pin on each side



Flap pushed through to front of seat



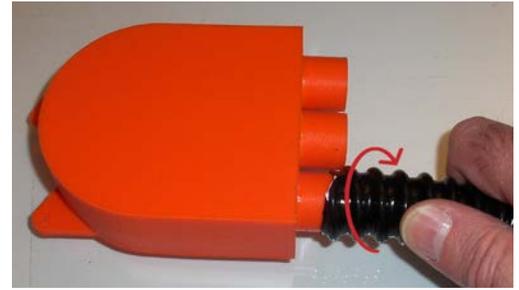
Remove these two screws

ATTACH THE HOSES:

For each seat, cut three 36" pieces of hose. Do your best to get the end of the hose as flat as possible. The corrugation makes this difficult to do precisely.

Although it is possible to attach the hoses after the unit has been installed, it's easier to attach them first.

Rotate the first hose clockwise while pushing it onto the nip on the attachment until it's pushed up as far as it will go. Do the same with the next hose on the center nip and then with the third hose on the final nip. Since there will be a curve to the hoses, rotate each hose so that they are curling toward the opening in the attachment. That way when you install into the seat they will point toward the front.



INSTALL THE ATTACHMENT:

In order to provide a tight seal, a thin piece of foam is attached to the inside of the attachment. Confirm that this foam is attached securely to the plastic and that it is overhanging the edge slightly.

Screw each of the two screws previously removed from the deflector into the two holes in the attachment a few turns so that the screws just barely exit the holes.

Clean off any lint that might have accumulated on the blower's mesh screen.

The attachment has a rectangular hole on the right side that clicks onto the hook on the blower unit. You will need to tilt the attachment out at an angle away from the blower in order to fit it onto the hook. Use care and don't force it on as this tab is the most fragile part of the attachment.

Align the attachment with the holes in the blower unit and tighten each screw.

At this point, make sure all three hoses are curling inward toward the front of the seat.



FOAM REMOVAL OPTION:

Prototype tester zuki_dan suggested cutting out a portion of the foam inside the seat to create a channel for the hoses to run. Although not necessary, this provides a cleaner look when the seat is closed back up.

To get to the foam you'll need to unhook an 8" plastic channel that holds a fabric flap over the foam.

Remove an approximately 3" wide x 1" deep section of the foam on the bottom left of the seat. You can use a utility knife or perhaps a steak knife.



FEED THE HOSES UNDER THE SEAT:

Feed the hoses partially under the seat and then move the seat backward to around the midpoint. You will need to feed each hose below the seat with one hand while grabbing and guiding it with the other under a seat support that traverses the seat. You might need to play around with the seat position to find the best location. There is a dip and rise in the floor that provides a place to push the hoses under the bar and forward.

You'll want to pull the hoses out to be even with the front of the seat. Make sure all three hoses are even with each other. The center of the seat seems to be the best place for the hoses so position them there. They will be held in place by the seat frame.

INSTALL OPTION:

Another zuki_dan alternative is to route the hoses up above the seat frame, tighter to the seat. If you do this, be sure to avoid covering the intake on the seat cushion's blower unit.



Hoses under the seat frame



Optional install above the seat frame

CLOSE UP THE SEAT:

Adjust the hoses so that they lie against the seat as best as possible or into the cutout section of the foam if you've made that alteration.

If you opted to cut the foam channel for the hoses, reattach plastic channel on bottom of seat.

Pull seat cover back down, pull bottom tabs back over the plastic push pins and then press the push pins back in place.

Reinsert the plastic insert.

Loop the elastic straps back around the wire harnesses and onto their hooks.*

Replug the two wire connectors.

Reset seat to desired location.

For good results, set A/C to blow from the panel and floor simultaneously. This will feed the blower cool air but still provide good cooling for the rest of the vehicle. Setting the temperature to "LO" and selecting recirculate will provide maximum airflow to the underside of the seat.

For maximum cooling set the A/C to blow from the floor vents only. Be sure to select recirculate as it might turn off when you switch to floor mode. This option can also be used as a temporary boost for the seat cooler. Use for a few minutes and then switch back to the mixed mode.



**Note that you may benefit from leaving the seat flap open. It will allow a little better airflow inside the seat. If you do so, be sure the wire harnesses are plugged back in.*