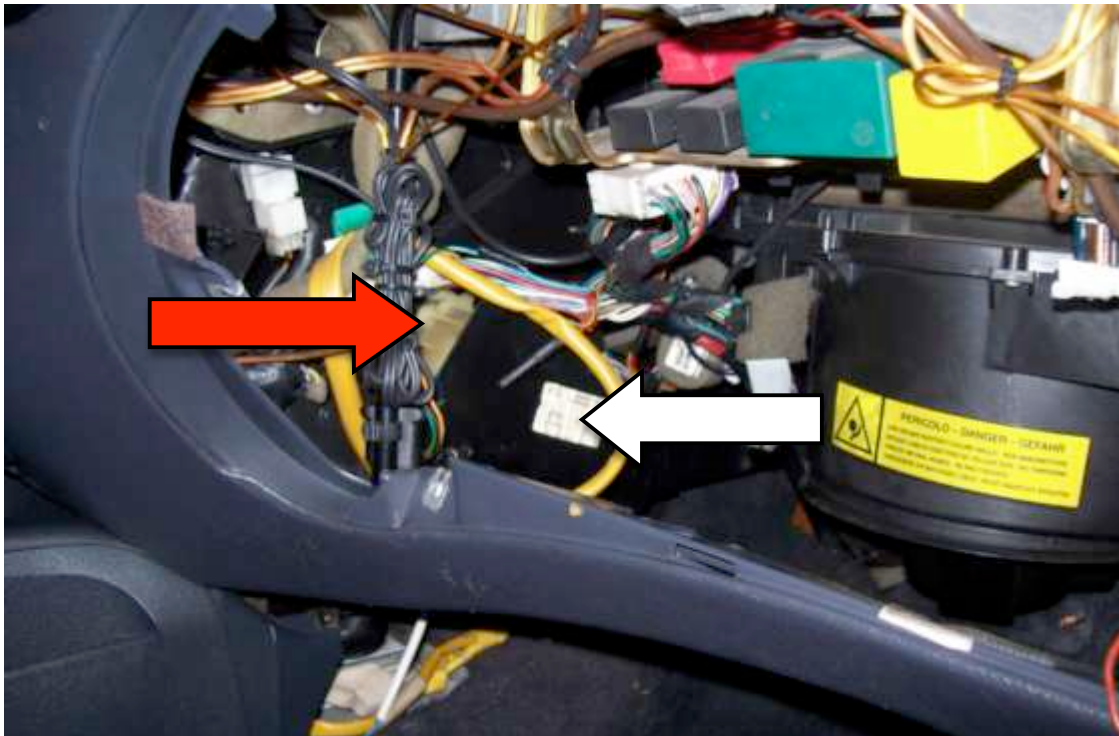


CHANGING THE HEATER MATRIX

For starters you must take out the glove box compartment and the center console plastic cover that shields the AirBag ECU. After you take that off you will be left with the situation like on the picture under.



Now locate the black plastic cover of the heater matrix shown with a white arrow. The matrix is located under the plastic shown with red arrow.



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Now you need to remove the plastic in order to get to the matrix, by removing the 2 screws circled red.

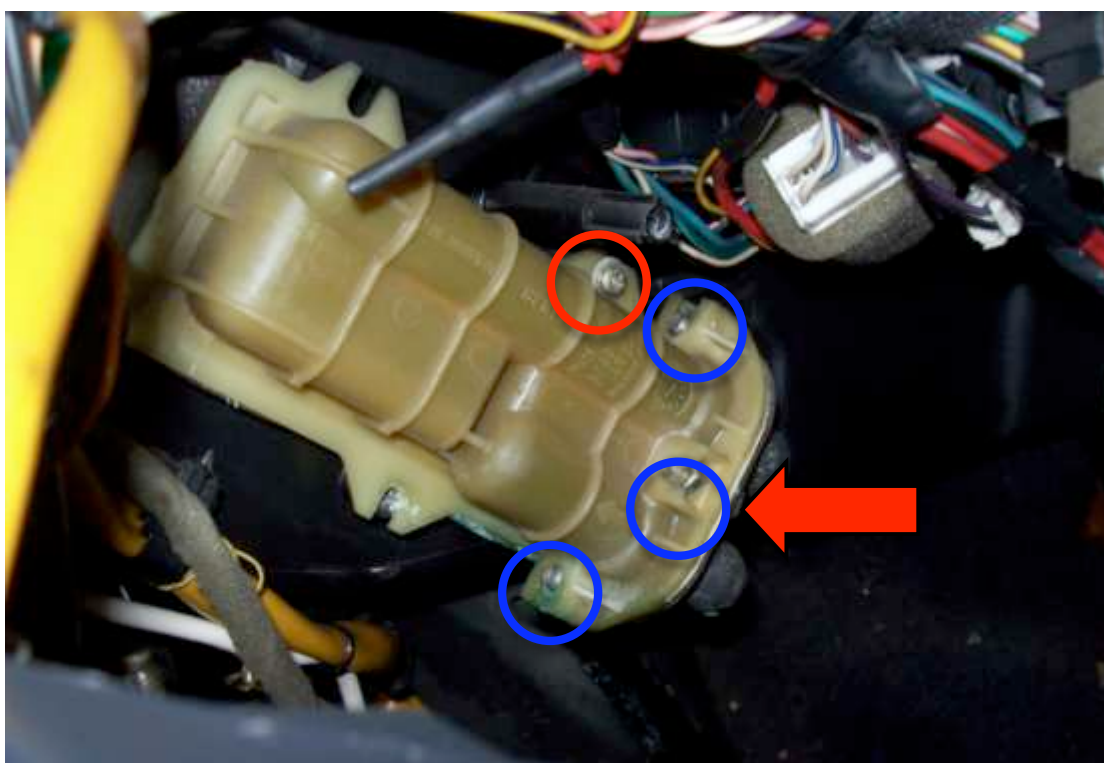


Now pull the plastic down and secure it with something like on the picture under. Now you have gained access to the matrix.



Now comes the tricky part.
First remove the screw circled red, then remove the 3 screws circled blue.
After you have undone all of the screws, pull off the metal clip shown by the red arrow. Now the matrix is free.

Start to pull out the metal pipes from the matrix, you will need a bucket or something to catch the coolant.

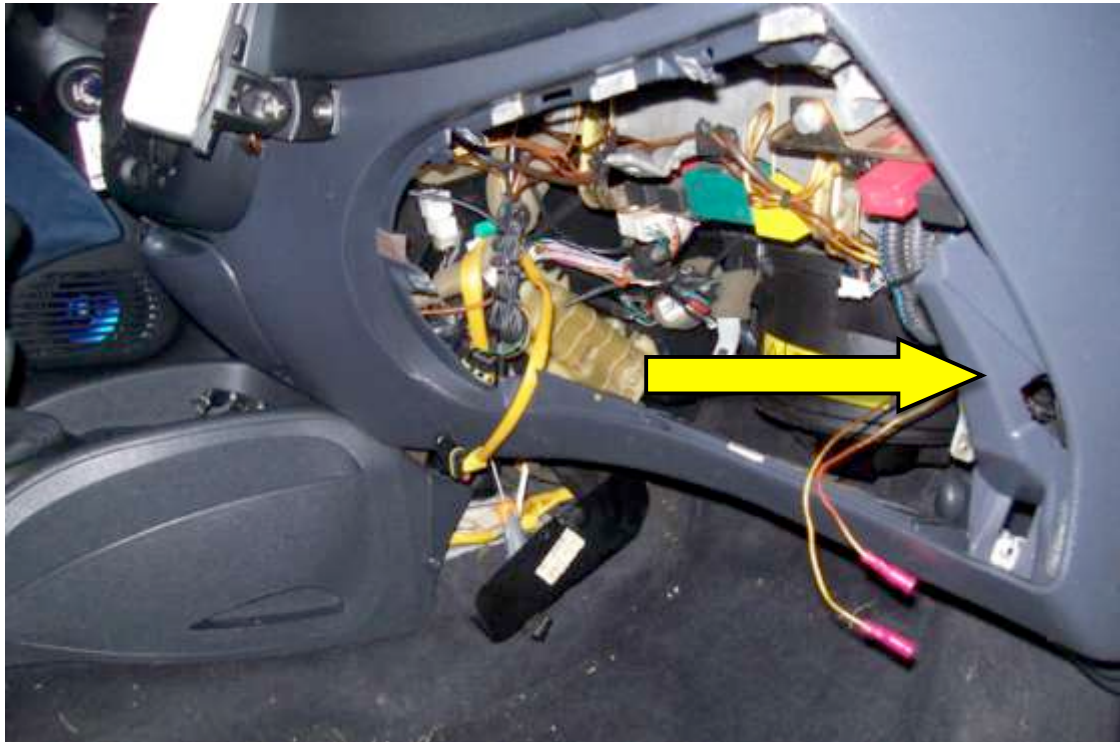


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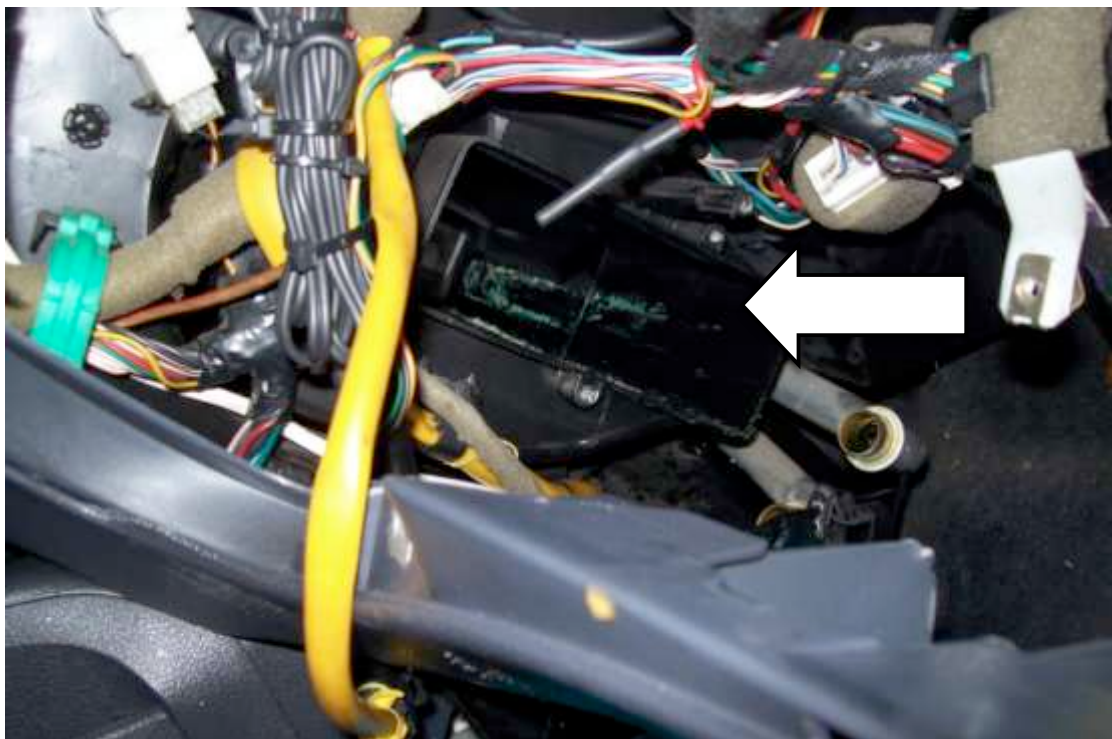


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Now when the pipes are off, you need to pull out the matrix in the yellow arrow direction. Or better said in the direction to the door.



After you do that, you will be left with a scenario like this. Clean the air box (white arrow) and pull the seal rings off the metal pipes if they remained there.



Now put the seal rings on the new heater matrix, the rubber one goes in first, then the metal one. Put some grease on them, so they do a better job of sealing and clean them first. Also transfer the 3 nuts that hold the bracket on the matrix from the old one to the new one.

OLD MATRIX with no O-rings



NEW HEATER MATRIX with O – rings



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Now slide in the new matrix, first secure the pipes with the metal bracket, then put on the philips screw to hold it in place.

Now fill the compensation tank with coolant to the max level and do a bleeding of the cooling system.

DO NOT assemble the rest of the parts before you are absolutely sure the new matrix is leak proof on the seals on the metal pipes.

If all is leak proof, reassemble the rest and your done 😊

Enjoy the heating in your car.