

# Removing the heater core.

Introduction:

This is the procedure of removing the heater core.

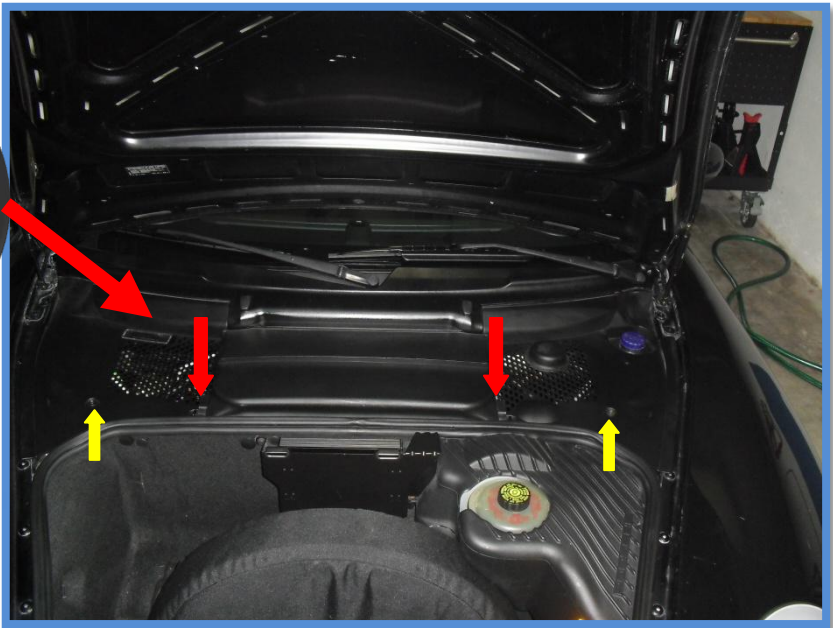
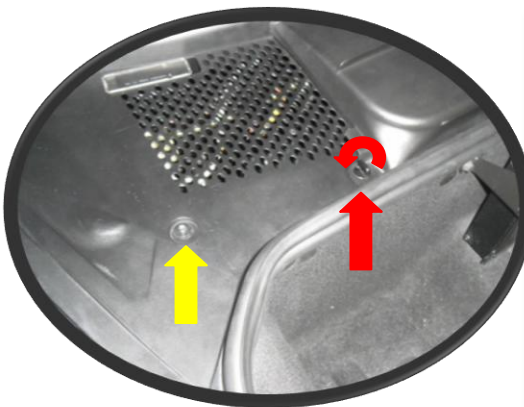
In my case, it was a necessary for removing the whole air box, for AC evaporator replacement, and re-foaming the air flaps inside the air box. You can use the same procedure to replace a leaking heater core.

The procedure was done on my **2001 Boxster S**, so you might find minor differences on other models. I highly recommend the use of the **Bentley book for the Porsche boxster** to follow this procedure, and the use of protection elements such as gloves and protection glasses.

Since I am not a professional mechanic, and English is not my first language, I apologize in advance for any grammar/spelling errors, or naming parts and tools not in their correct names.

Let's start... (Color names in brackets refers to arrows)

## 1. Remove battery cover and side covers in the front trunk.



Start with the battery cover. Remove plastic clips by turning them quarter of a turn, counter clock, and pulling the cover up on both sides (red). Remove two screws on both sides covers (yellow), and pull them out towards the front of the car. Disconnect both battery terminals and remove it out of the car.

2. Remove the wipers arms.



Remove plastic cover using a small flat screwdriver.



The screwdriver should be entered thru designated groove.  
(See insert pic)

Remove nut, and mark the position of the wiper arm with relation to the bolt.  
I also marked the position of the wiper blade using masking tape.



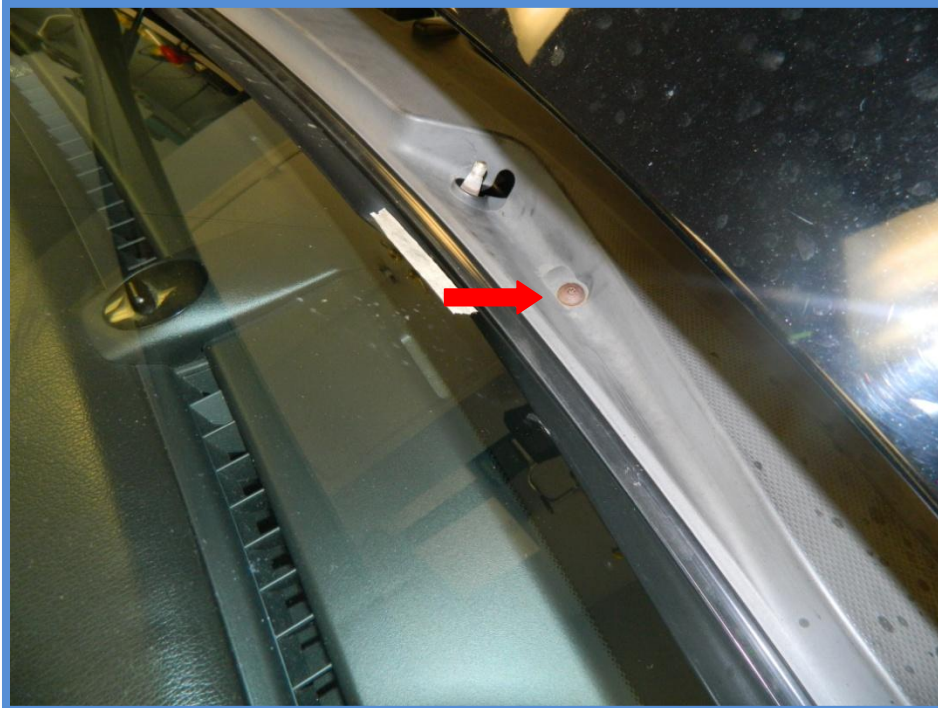
To remove the wiperarms gently use a smal pry bar, or this tool you can find on line.



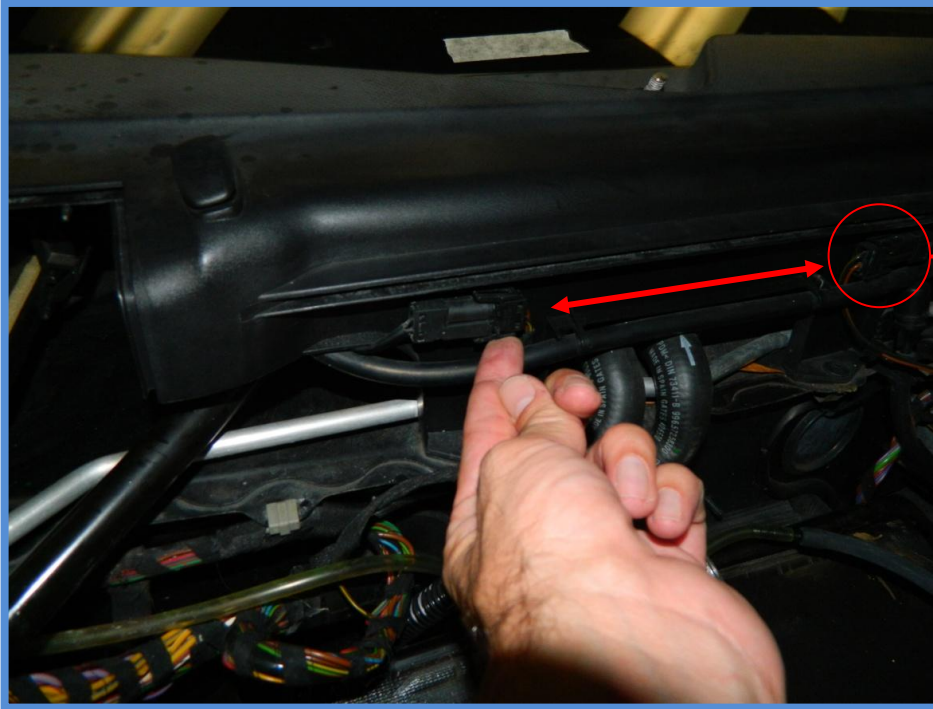
3. Remove plastic covers from both sides of the wipers cover. And the nuts located underneath it.



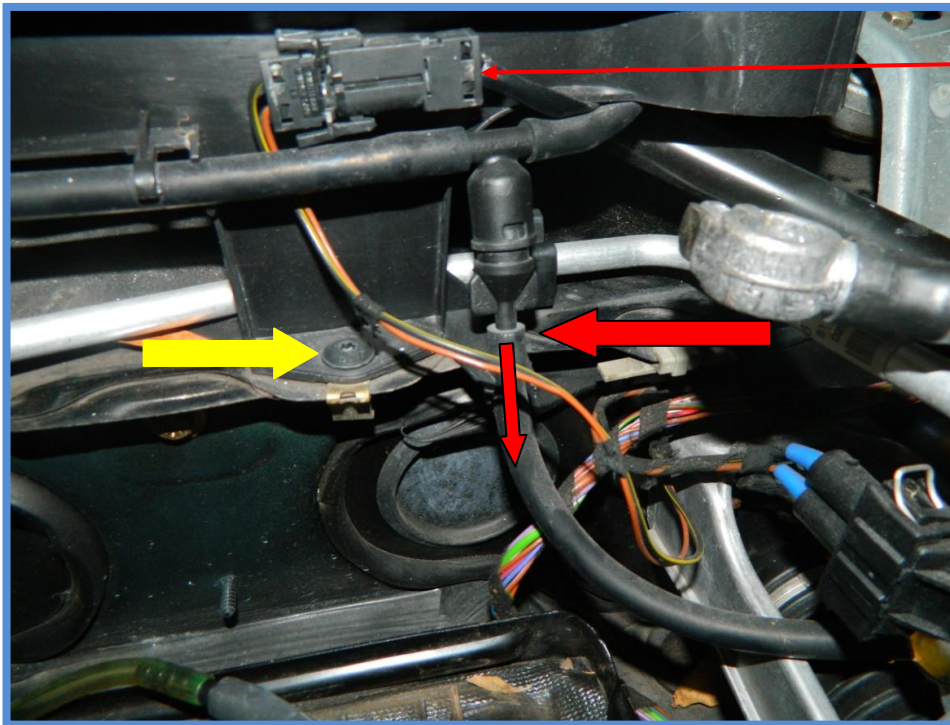
Remove screw in center of cover



Disconnect electrical connector from both sprinklers



remove the screws located under the connectors (yellow)  
Disconnect the water line (red)



remove screw on other side

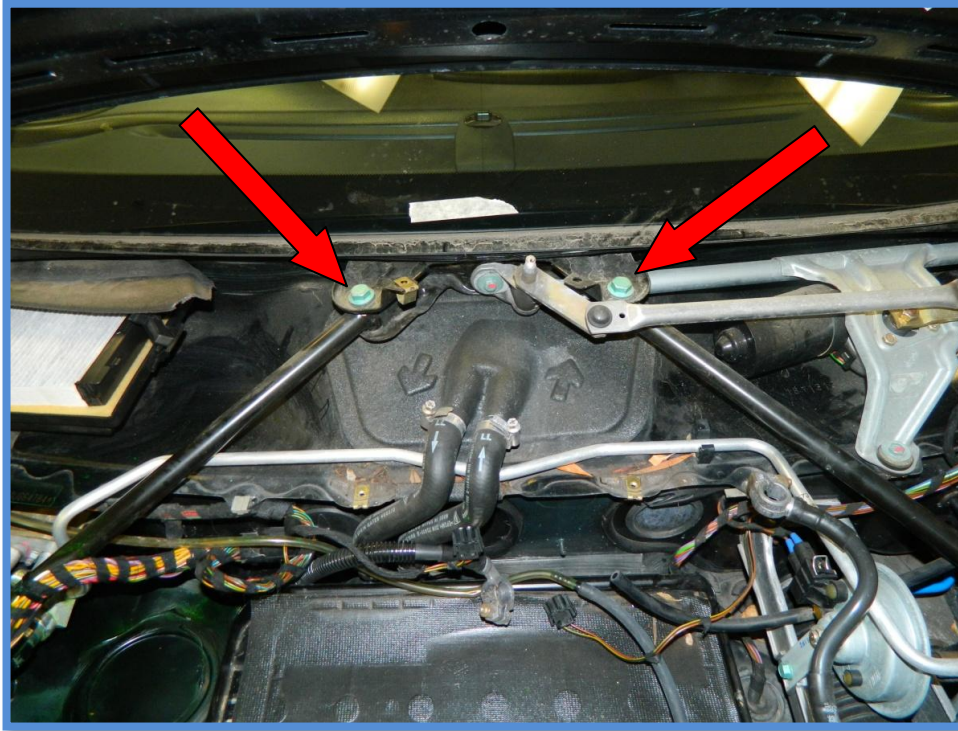


Now, when all screws removed and wires disconnected, remove the panel by pulling it up from the window side (red), and pushing it toward the back of the car (yellow).



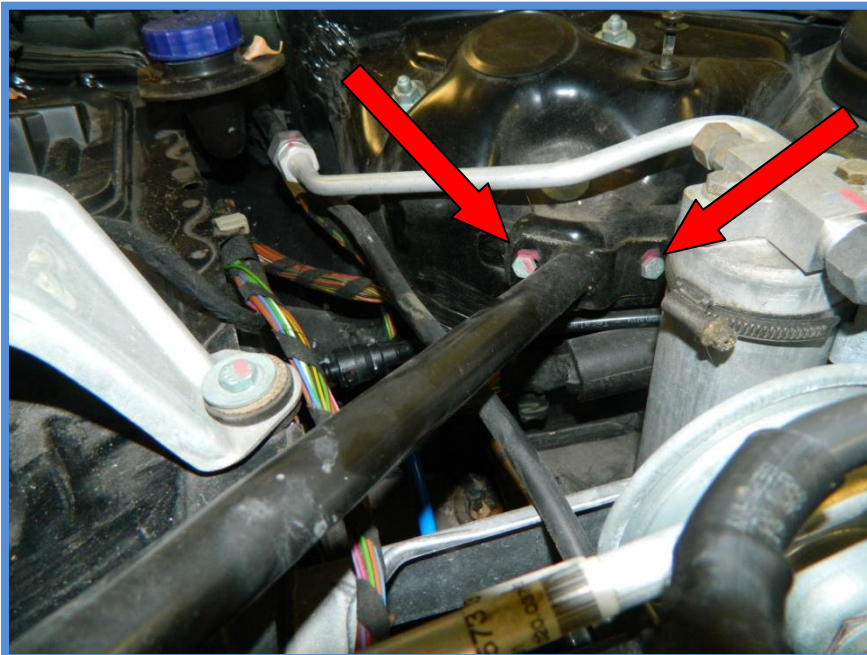
#### 4. Removing the dome struts.

Remove two bolts of the dome struts.



According to the Bentley book, only driver side dome strut should be removed. I found out I needed to remove both dome struts and the support bracket in order to remove the heater core. Could be earlier models will require removing only one. (See page 11)

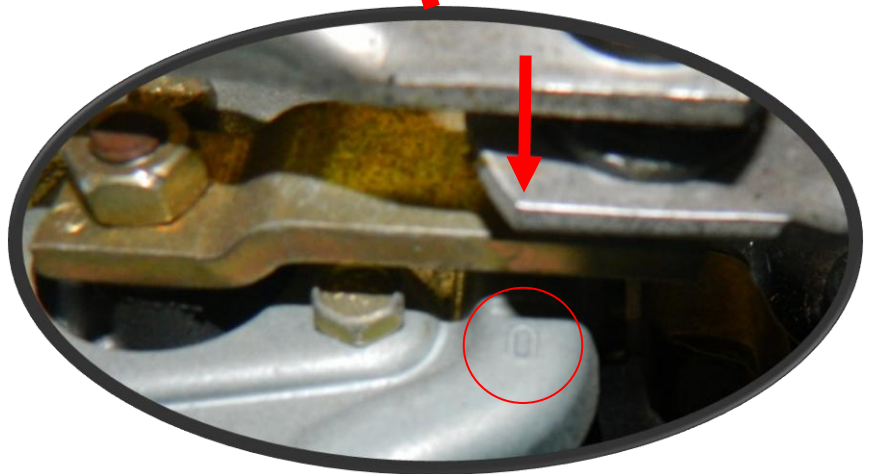
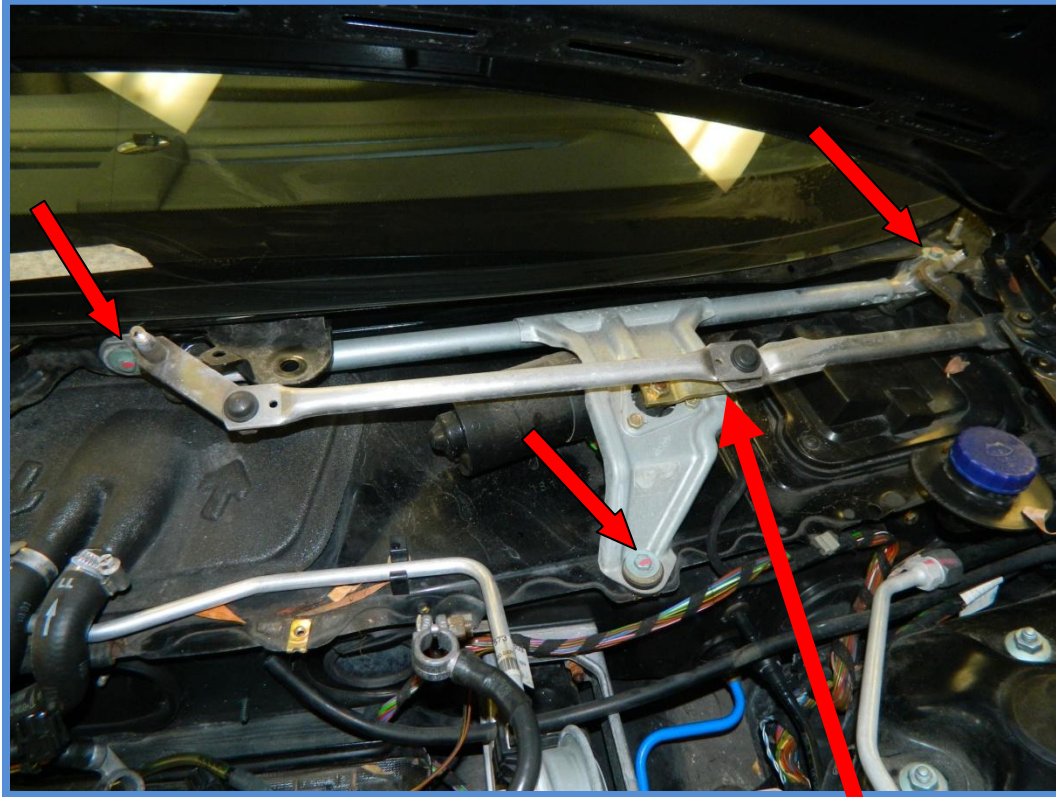
And another two on each side of the shock towers.  
(this picture shows the driver side, but it is the same on the passenger side)



## 5. Removing wipers assembly.

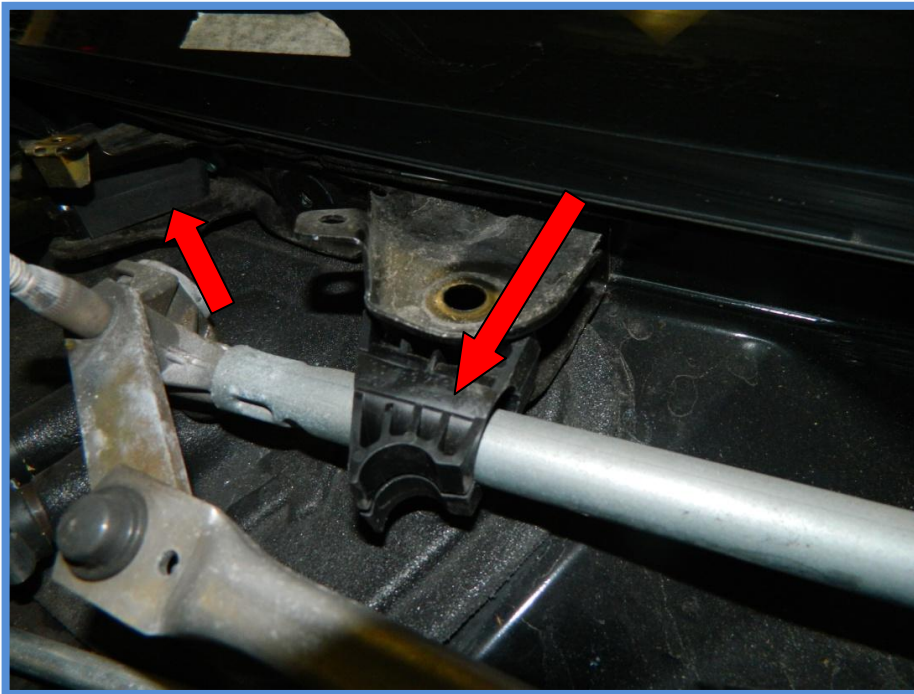
Remove three bolts that holds the wipers assembly.

Make sure the wiper assembly is allayend with the 0 mark, befor removal (see scond picture)





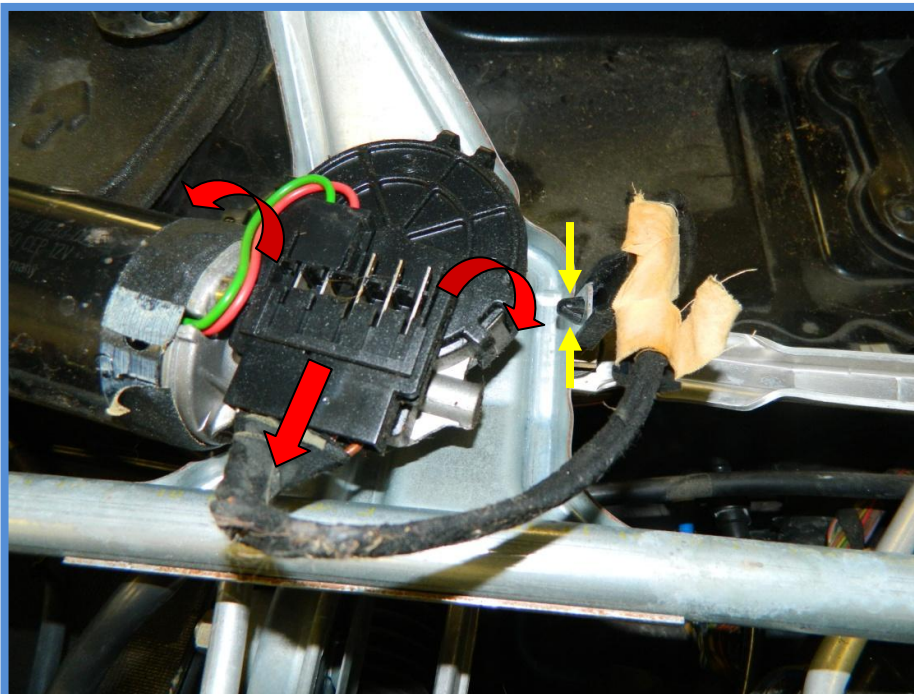
When you remove the assembly, remember the position of the 2 plastic spacers.



Turn over the wiper assembly, and disconnect the power connector (red) and the plastic clip (yellow).



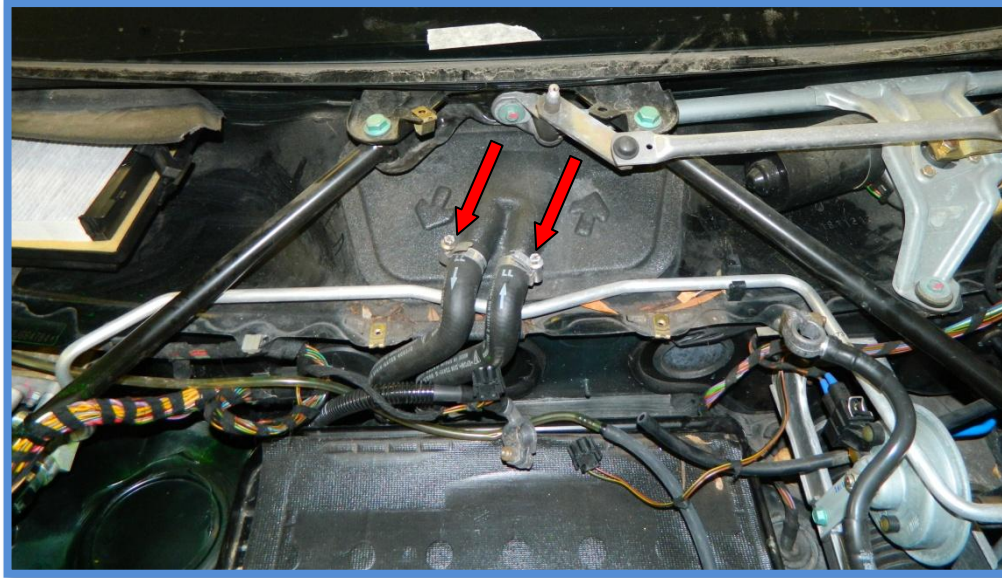
**Remember to put it back first when reinstalling the assembly!**



## 6. Removing the heater core.

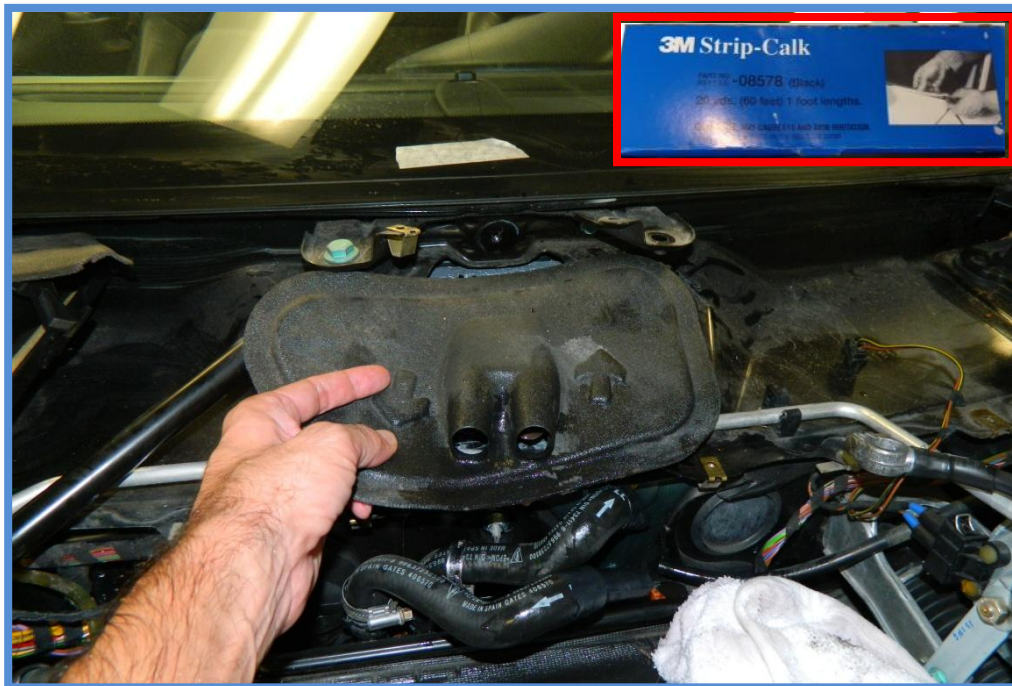
Open and release hose clamps, and remove the hoses.

I cut some fingers of nitrile gloves, and used them to seal both hoses and the core lines.



Carefully remove the foam cover.

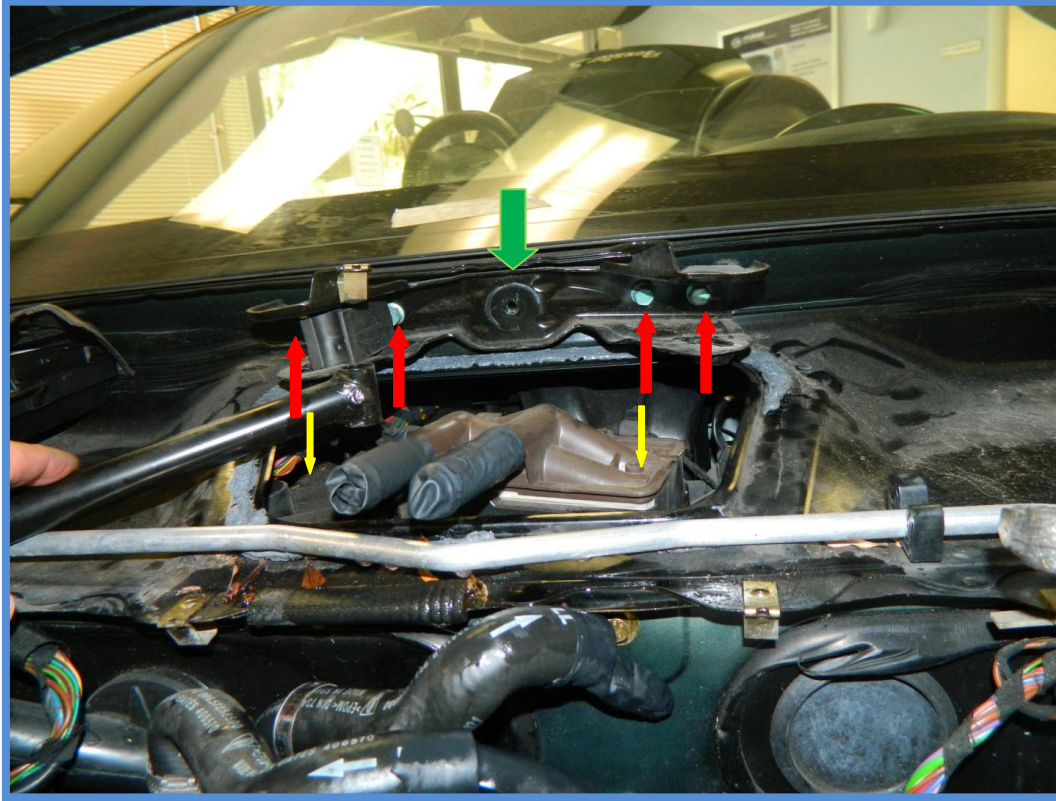
It has some gray stuff that hold it in place, and seal the opening to prevent water from getting inside the car. If you find yourself needing more of that stuff to seal the cover during assembly, **3M Strip Calk**, will do the job. (see insert pic)



I ended up removing the four screws (red) and the whole bracket (green) in order to remove the heater core.

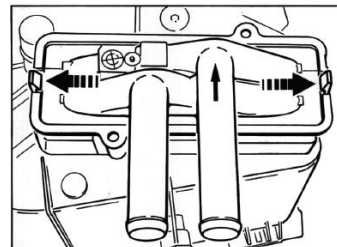
According to the Bentley book, it is not needed in some models.

In my case (2001 S) the core did not clear the bracket, and I had to remove it.



Once the bracket is out, remove the two screws that hold the core (yellow), and simply pull it out.

Once again, according the Bentley book, in some models there are two metal clips (instead of screws) That holds the core in place.



**⚠** During the process some coolant fluid will spill out of the core and hoses. Remember to fill up and bleed the system when the new core is in place.

Assembly of the heater core will be done in reversed order.