

## **Softronic Plenum Install**

**This is not for a DIY and only as a reference for a professional.**

**The first step would be to open the rear hatch or convertible top part way for a Boxster to gain access to the engine compartment..**



**Next remove the engine compartment carpeted cover and lid.**



**The next step will be to remove the plenum itself. Loosen the 4 large hose clamps enough so that you can slide the two boots as far away from the plenum as possible. This would be towards the intake bank on each side.**

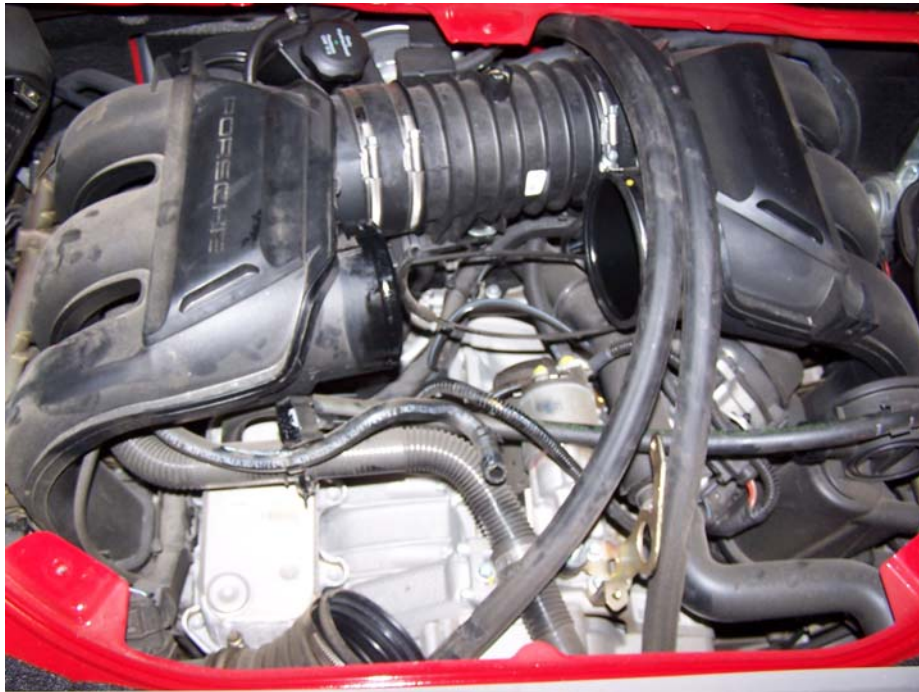


**Remove the separator hose by squeezing the pipe fittings at each one of the 3 locations at the pipe and push in a little and then pull out. Be**

**careful so that you do don't damage any of the plastic connections and especially the separator.**

**Loosen the hose clamp at the boot on the end of the intake plenum. Remove the 10mm nut holding the plenum to the engine by the bracket and then pull up on the plenum gradually separating it from the two intakes. This part I the most difficult in the removal.**

**Once you have partially removed the plenum unplug the large vacuum hose from the plenum and leave the hose clamp on it. The small vacuum line is easily removed if you partially slit it with a razor just the length of the cut out and pull it off.**



**Next install the plenum assembly and slide the two intake boots over with the clamps and snug them up but do not tighten them. You will still have to be able to rotate the plenum. Plug in the electrical connector and attach the wire to the retainer on the throttle body.**

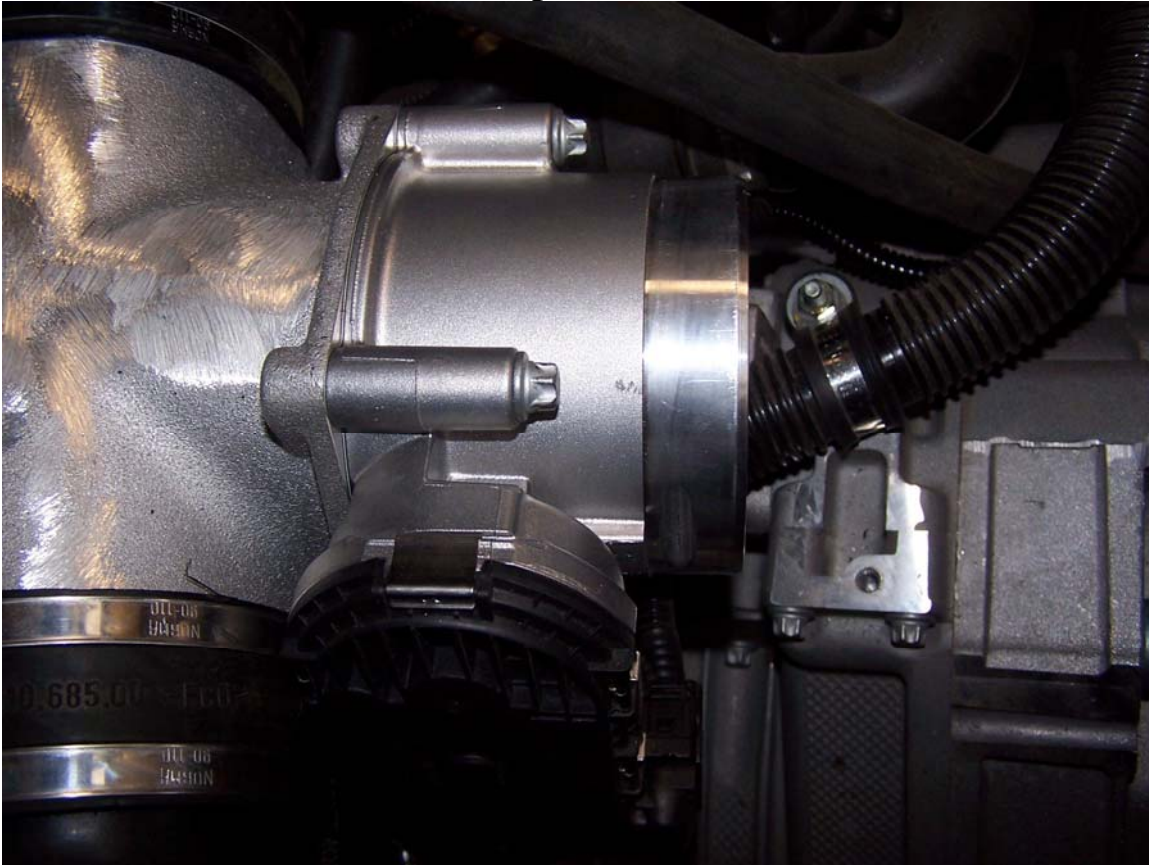


**Move one of the shift cables on the other side of the plenum as shown and remove the engine bracket. Unbolt the clamp that is holding the separator pipe by the engine bracket. Unscrew the rubber bushing and re allocate to the rear hole that the bracket was removed from and move the separator pipe to the rubber bushing and use the nut that you removed from the plenum earlier to secure it as shown.**

**Note that you will have to make sure the pipe goes under the plenum and away from the electrical actuator on the side. The plenum will have to be rotated all the way down in the final step until it just touches the starter boss.**



**This is another photo to show a side view of the plenum at this point.**



**Rotate the plenum up and attach the larger vacuum hose that you removed earlier to the fitting on the side of the plenum and use the same clamp.**

**Next install the smaller end of the rubber hose assembly that was supplied to the larger part of the same fitting. Put the small hose clamp that was supplied with the kit on the hose first. To push this on you may want to apply a little lube to the inside of the hose and the fitting to make this a little easier.**

**Rotate the plenum down and it should be able to easily just come in contact with the top of the starter boss. MAKE SURE you look at the starter wire by the fitting that you put the hoses on and it does not touch or get closer than 1/4" , if so rotate the plenum up and gently bend the wire a bit out of the way and recheck.**

**Now attach the other end of the supplied hose that is on the plenum to the separator. This again is very snug and a bit of lube would work well. Warning!! MAKE SURE! You hold the back side of the separator as**

**you push on the hose! Otherwise you could break it. Tighten up the hose clamps on the hose and the plenum when it is fully rotated down.**

**There is a tab in the center of the engine compartment area that points towards the plenum and it is the same color as the car. This tab should be bent up to about 10-15% with a pair of pliers with a cloth on it if you do not want to scratch the paint. This has to be done to allow some clearance for the intake tube. The tab is to the right and center of the picture and the intake plenum tube.**



**Install the intake tube as shown and secure with the stock hose clamp on the boot end and with one supplied.**

**This is another picture of the intake tube on how it is assembled.**



**Recheck all of your fittings and then reinstall the covers.**

## **Under the Car**

**The coolant level sensor will have to be disconnected on the coolant bottle. Unplug the 2 wire connector first, then remove the sensor by rotating it 90 degrees to the left and pull it out. No coolant will leak from this. The sensor is at the bottom center of this coolant tank picture just to the left of the hose. The tank is located just behind the passenger's side rear cooling fan inlet for the engine.**



## **The next part would be to flash the car.**

THIS IS ONLY FOR NEW CUSTOMERS!!!!!!!!!!!!!! Current customers do NOT download and install this. This is the reader / flasher and it will only read your car out so that I can send the program to you. This would be done when you install the [Plenum](#).

Next after software install:

- 1. Plug in the cable to the USB and let the computer install it automatically.**
- 2. Plug the cable into the OBD2 port or also known as the diagnostic port.**
- 3. Turn on the key.**
- 4. Launch the software and after it reads and when you get to the "Comments " fill in if you want Sport mode, what year, model and trans your car has, manual or auto. Your name and very important list  
PLENUM.**
- 5. The file will then upload.**
- 6. Turn Off the key and unplug the cable, you may use the car until you receive the new files to tune.**
- 6. I will then send you your files within 24 hrs or to your tuner.**

**[Http://www.Softronic.us/FlasherSetup.zip](http://www.Softronic.us/FlasherSetup.zip)**

**For those of you that purchased the Durametric Diagnostic software added with the package you may go to: [Http://www.durametric.com](http://www.durametric.com) and download the most current software.**