



INSTALLATION INSTRUCTIONS FOR PORSCHE 996 & 997 NON TURBO 911 MODELS

**These instructions are applicable to vehicles equipped
with either manual or Tiptronic transmissions**

Thank you for choosing to purchase a Carbonio Intake System. Please take the time to fully read over these instructions before attempting to install the kit. This will greatly speed up the installation process and minimize any difficulties you may encounter.

Tools Required:

- Flat head (slot) screwdriver
- 10mm open-ended wrench
- 2.5mm & 3mm Allen wrench
- 1/4" Socket

Kit includes:

- 1 – Carbon fiber main inlet section
- 1 – Carbon fiber MAF inlet tube
- 1 – High flow performance air filter
- 1 – Grip spring clip
- 1 – Tamper resistant Torx T20 tip
- 1 – MAF Gasket
- 1 – Rubber coupler
- 1 – Metal 'L' bracket
- 5 – M5 screws
- 4 – Small bonded sealing washers
- 2 – M6 x 20 bolts
- 2 – M6 nuts
- 2 – M4 x 12 screws
- 1 – 3" hose clamp
- 1 – 3.5" hose clamp
- 1 – Vacuum cap (some models only)
- 2 – Plastic zip ties (some models only)

LABOUR ESTIMATE GUIDE

1 Hour

Step 1:

Unclip the oil filler neck from the OEM airbox. This is done by grabbing the oil filler cap and pulling sharply upwards.



Step 2:

Using a flat head screwdriver loosen the hose clamp that attaches the OEM rubber inlet hose to the throttle body



Step 3:

Disconnect the wire that leads to the MAF sensor by depressing its fixing clip and by pulling apart.

Note that the fit will be snug however if too much force is necessary, then the fixing clip is not being depressed enough.



Step 4 (Applies to 2005 – 997 Carrera S Only):

On the back side of the OEM airbox is a grey rectangular solenoid with a vacuum line that leads to it.

Unclip the solenoid from the back of the OEM airbox. Once out, install the included rubber vacuum over the open nipple on the solenoid.



Step 5:

With the solenoid unclipped and plugged, remove the OEM airbox from the car. At this stage it should just lift out of the car and may require a light tug to free it from its friction mountings.

Step 6 (Applies to 2005 – 997 Carrera S Only):

With the airbox removed, use the included plastic zip ties to fix the solenoid assembly from Step 4 to either the air conditioning or power steering lines in the right rear area of the engine bay.



Step 7:

Unwrap the main air filter and place it inside the airbox plenum passing the round opening through the round hole on the airbox.

Once this is done, slide the hose clamp over the open filter inlet ensuring that it is loose.

Step 8:

While holding the filter in one hand, insert the long end of the carbon MAF tube into the open end of the filter. **Be sure to leave the hose clamp around the air filter neck loose**

Step 9:

Install the airbox bottom cover to the plenum using 4 M5 bolts and washers.

Make sure that the washers are installed so the rubber side rests against the carbon.

Step 10:

Use the included T20 tamper resistant Torx tip to remove the MAF sensor from the OEM inlet.

DO NOT wash or drop the sensor and just transfer it to the carbon MAF housing being sure to use the included MAF gasket and M4 screws. Tighten the MAF screws down at this time.



Step 11:

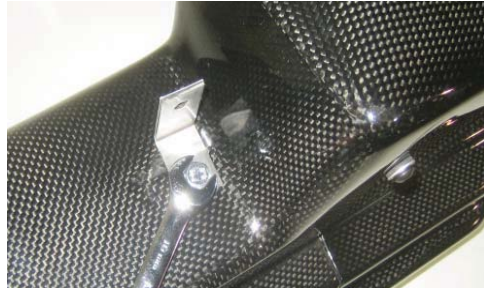
Install the oil filler neck clip to the airbox assembly using the remaining M5 screw.



Step 12:

Fix the included metal 'L' bracket to the airbox using the included M6 bolt.

Snug this bolt but do not tighten it yet.



Step 13:

Remove the stock OEM airbox plastic mounting clip from the engine bay.

Step 14:

Using the hole freed up in the previous step, insert the included M6 bolt from the bottom so that the threads face upwards. Fix this assembly together using an M6 nut and tighten.



Step 15:

Slip the included rubber inlet adapter over the throttle body and fix it using a hose clamp

Slide a loosened hose clamp over the open end of the rubber inlet adapter.



Step 16:

Lower the entire airbox assembly into place making sure that the 'L' bracket installed in Step 12 fits over the bolt installed in Step 14.

Slide the open end of the carbon MAF housing tube into the rubber coupler installed in Step 15.

Step 17:

Shift and adjust components as necessary for a neat fit. Once this is achieved tighten all hose clamps, nuts, and bolts.



Step 18:

Clip the oil filler hose to the clip installed in Step 11.

Step 19:

Re-connect the MAF wire removed in Step 3.

Step 20:

Start the car and let it idle for 5-10 minutes. During this time **DO NOT ACCELERATE THE ENGINE AT ALL**. This will allow the computer a chance to re-calibrate itself to the increased airflow offered by the intake. The install is now complete. Be sure to double check the tightness of all connections, bolts, and clamps before driving the vehicle.

A NOTE ON FILTER MAINTENANCE

The filter on your Carbonio Intake is washable and will last for many years if cleaned periodically. The best way to clean the filter is to remove it and service it with a commercially available cleaning kit. These kits are very inexpensive and require that you wash the filter and oil it after it has had the opportunity to dry. **DO NOT OVER-OIL THE FILTER. BE SPARING WITH THE OIL AS EXCESSIVE OILING CAN LEAD TO DAMAGE TO THE MAF SENSOR.**