



**INSTALLATION INSTRUCTIONS FOR C1100011
CARBON FIBER PERFORMANCE AIR INTAKE SYSTEM
2006-2009 Audi A4 2.0FSI**

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

Thank you for choosing to purchase an APR by 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:

- Philips head (star) screwdriver
- Flat head (slot) screwdriver
- Large opening pliers
- 10mm open-ended wrench
- 3mm Allen wrench
- Sharp knife

Kit includes:

- 1 – Carbon fiber main inlet section
- 1 – Air filter
- 1 – Side heat shield
- 1 – Front heat shield
- 2 – M6 bolts
- 2 – Side bolts
- 3 – Lid bolts
- 3 – Lid washers

LABOUR ESTIMATE GUIDE

1 Hour

SAFETY WARNING

The installation of this intake requires that the installer's hands be very close to engine and exhaust components which get extremely hot. Only attempt the installation of this kit on a vehicle that has had plenty of time to cool off.

Step 1:

Using a Phillips head (star) screwdriver remove the 2 screws holding the factory air inlet scoop. The location of these screws is marked with arrows right. Once these screws are out, the entire inlet scoop can be pulled out. It is made up of 2 pieces between the front of the car and airbox and may need to be split to get it out.



Step 2:

Using a flat head screwdriver, pry off the plastic clip that attaches the airbox to the passenger side inner fender.

The photo right shows an up-close view of the clip. **It is best to pry out its center section and then pry out its perimeter housing.**



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:

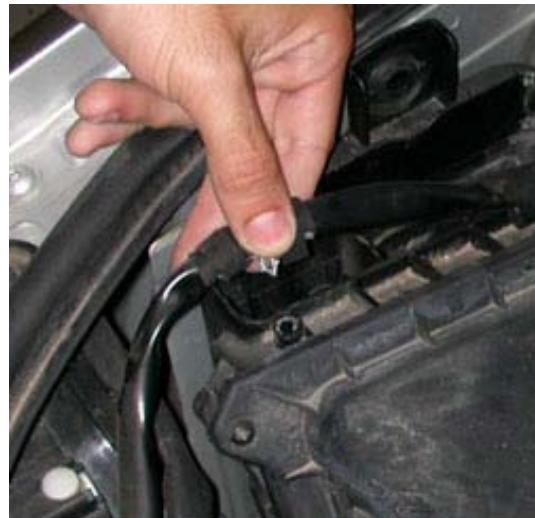
Using pliers, loosen the spring clamp that holds the MAF sensor to the inlet hose and separate the hose from the sensor.



Step 5:

There are 3 metal clips that connect cables to the factory airbox. Pull these clips off of the airbox. Alternatively, using a sharp knife, cut off the tape that fixes the wires to the metal clips

Right is a close-up pic of one of these clips being pulled out of the airbox.



Step 6:

Pull the airbox out of the car being careful not to snag any wires or hoses on the way out.



Step 7:

Using a 10mm wrench, loosen the bolt that is on the passenger side chassis next to the turbo. Back the bolt off but DO NOT remove it. The location of this bolt is shown right.

MAKE SURE THE ENGINE HAS HAD AMPLE TIME TO COOL. IT IS VERY EASY TO BURN YOUR HANDS AT THIS STAGE



Step 8:

Grab the airbox removed in Step 6 and, using a Philips head screwdriver, remove the 2 screws that hold the MAF to the airbox. Once these screws are off, pull the MAF apart from the airbox.



Step 9:

Using the two M6 bolts, bolt the MAF to the front shield included in the kit. Make sure that the MAF is on the side where the lips of the shield bend away from the edges, & that the MAF connector is in the 3 o'clock position.



Step 10:

Unwrap the included air filter and fit it over the MAF sensor on the inside of the shield assembly. Using a flat-headed screwdriver, tighten down the hose clamp thereby fixing the filter to the MAF. **Ensure that the hose clamp is tightening FULLY over the neck of the MAF otherwise the filter can come loose.**

Step 11:

Using the small Allen bolts provided, screw the side shield to the front shield.

Step 12:

Lower the entire assembly into place. Make sure that the groove in the side shield fits over the threads of the bolt loosened in Step 7. **DO NOT TIGHTEN THIS BOLT YET**



Step 13:

Re-connect the hose leading to the MAF (removed in Step 4) making sure that the spring clamp fixes the hose to the MAF

Re-connect the wire to the MAF (removed in Step 3) making sure that the MAF wire runs along the inner fender and passes through the groove on the top left of the front shield.

Step 14:

Connect the main carbon fiber inlet section to the OEM inlet scoop removed in Step 1. Lower the entire assembly into place being sure to slip the flat end of the carbon piece UNDER the factory hood seal (shown by arrows on image right).

TIP: You may find it easier to pull the hood seal away and re-install it once the carbon lid is in place.

Fix the carbon scoop to the metal mounting shield using the three included bolts and washers. **Make sure that the rubber side of the washer is the side that contacts the carbon.**



Step 15:

Re-install the two Phillips screws removed in Step 1.

Step 16:

Make sure that the entire system is installed with no wires or hoses being stressed or pulled. Tighten the bolt loosened in Step 7 making sure that the top of the carbon section is well below the height of the OEM weather stripping it borders.

Step 17:

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 APR by 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.**