



**INSTALLATION INSTRUCTIONS FOR C1100021
CARBON FIBER PERFORMANCE AIR INTAKE SYSTEM**

Audi (B8) 2009+ A4 & A5 2.0TSI

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

- Torx T15, T20, T30 socket tips
- Flat head (slot) screwdriver or plastic pry tool
- 10mm socket
- 2.5mm Allen wrench

Kit includes:

- 1 – Carbon fiber main inlet section
- 1 – Air filter
- 2 – M6 Bolts
- 5 – M4 Bolts
- 5 – Rubber-backed washers

LABOUR ESTIMATE GUIDE

0.5 Hours

Step 1:

Using a Torx T30 socket, remove the 4 bolts holding the plastic radiator cover in place.

Once these bolts are removed, lift out the cover and set it aside for re-installation later on.



Step 2:

Using a Torx T20 socket, remove the two bolts holding the front inlet scoop in place.

Once these bolts are removed, lift out the inlet scoop all the way to the airbox.



Step 3:

Separate the front inlet scoop from the 90 degree inlet elbow removed in the previous step. No tools are required here.



Step 4:

Using a plastic pry tool or flat headed screwdriver, split the front portion of the OEM inlet scoop into its top and bottom components.

Re-install the bottom part only using the screws, and reverse procedure from Step 2.



Step 5:

Using a flat-headed screwdriver, loosen the hose clamp on the MAF sensor.

With this hose clamp loosened, pull the inlet hose loose of the MAF.



Step 6:

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 7:

Pull the entire airbox assembly out of the car.



Step 8:

Using a Torx T20 socket, remove the 2 screws holding the MAF sensor to the airbox lid.

Once these screws are removed, pull the MAF sensor out of the airbox.



Step 9:

Using a Torx T15 socket, remove the 3 screws that attach the OEM heat shield to the side of the airbox.

Be sure to save these screws and shield for re-installation later.



Step 10:

Using a Torx T30 socket remove the 6 screws holding the OEM air filter in place.

Once these screws are removed, split the airbox and remove the OEM filter.



Step 11:

Using a plastic pry tool or a flat-headed screwdriver CAREFULLY separate the perimeter top of the OEM airbox from the base.

TIP: The perimeter top is held in place by 13 snap in points. Using 2 pry tools or screwdrivers helps in dis-assembly over using just one.

Take your time and be careful not to break the tabs on the OEM airbox base.



Step 12:

Using a 10mm socket, and the included M6 bolts, bolt the MAF to the carbon airbox lid.

Note that on the MAF there is an arrow. Make sure that the arrow points AWAY from the carbon lid.



Step 13:

Unwrap the included air filter and fit it over the MAF sensor inside the carbon lid.

Using a flat-headed screwdriver, tighten down the hose clamp thereby fixing the filter to the MAF.



Step 14:

Fit the carbon airbox lid to the OEM base. Using a 2.5mm allen (hex) key, and the included M4 bolts and washers, bolt the assembly together.

Make sure that the rubber side of the washer touches the carbon.

TIP: Start all of the bolts first before tightening them down. This will make installation easier.



Step 15:

Re-install the heat shield removed in Step 9

Step 16:

Re-install the complete intake assembly by lowering it into position making sure that all of the mounting points are well located.

TIP: There are 2 cone shaped rubber mounts on the bottom of the assembly and one rubber mount on the passenger side inner fender. To aid in assembly these rubber mounts can be lubricated with some petroleum jelly or hand soap.



Step 17:

Re-install the rubber hose removed in Step 5 and the MAF wire removed in Step 6.

Step 18:

Re-install the plastic radiator cover removed in Step 1

When fitting the carbon scoop to the front plastic inlet scoop, make sure that the plastic tab that originally held the top part of the scoop (removed in Step 4) is on the OUTSIDE as this is essential in keeping the carbon scoop aligned.



Step 19:

Check that all connections are tight and that all parts that were re-installed are in the same position and orientation as OEM. Parts that are not put back together correctly can result in the carbon inlet not properly aligning.

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 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.**