



INSTALLATION INSTRUCTIONS FOR CARBON FIBER AIRBOX & FILTERS FOR ALL MODELS OF SUPERCHARGED MERCEDES AMG 55

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:

- T20 Torx headed screwdriver
- T30 Torx headed socket
- Flat headed (slot) screwdriver
- Sharp utility knife

Kit includes:

- 1 – Carbon fiber airbox
- 2 – Air filters (pre-oiled)
- 1 – Small hose clamp
- 12 – Rubber backed washers
- 1 – Throttle body sealing ring

Step 1:

Using a T20 Torx screwdriver, remove the 12 screws that hold the airbox lids to the airbox bases.

Be sure to completely remove these screws being careful not to drop them.

Step 2:

The stock inlet 'Y' pipe is fixed to the throttle body by two plastic tabs. One is visible from the front while the other is directly opposite the first on the back. With your fingers, carefully pull back on these tabs and slip the 'Y' pipe off of the throttle body.

The OEM airbox lids, rubber couplers and 'Y' pipe can now be removed as one assembly.

Note: there is a rubber hose that connects to the assembly on the driver's side. Be sure to separate this hose from the assembly when removing.

Step 3:

Remove the stock air filters and replace them for the ones included in the kit.

If your vehicle is equipped with an 80mm TB, skip to Step 6B.

Step 4:

Using a Torx 30 socket, remove the 4 bolts that hold the throttle body to the supercharger inlet.

Pull the throttle body away from the inlet being **careful not to drop anything into the inlet.**

Also, when removing the throttle body, note that:

1. There is a tube on its bottom that will require re-installation later.
2. There is a gasket between the throttle body and the inlet. Note its orientation and be careful not to drop it behind the engine.

Step 5:

Now that the throttle body is out, remove the large rubber cover that is over the drive by wire motor mechanism. This cover unclips and will not be needed.

Some newer cars have this cover glued in place. If this is the case use a knife to trim away the rubber that is above (parallel to the throttle body opening) the group of wires that powers the throttle body. If not trimmed away this rubber will hit the carbon intake and not allow for proper installation.

Re-install the throttle body the reverse of Step 3 making sure that everything is re-connected and tight.

Step 6:

The OEM 'Y' pipe, where it meets the throttle body, has a rubber ring in it. Pull this ring out and transfer it to the round opening on the carbon fiber airbox.

TIP: A little Vaseline may help the fit.

Step 6B (for vehicles with 80mm TB only):

Included in the kit is a stainless steel and neoprene foam ring. Slide this ring over the throttle body ensuring that the foam side is contacting the inlet of the airbox . The flat side of the ring faces the passenger side of the car.

Step 7:

Included in the kit are 12 rubber backed washers. One by one, slide the OEM airbox screws (removed in Step 1) through these washers.

**ENSURE THAT THE RUBBER SIDE IS FACING THE THREADS
(NOT THE BASE OF THE SCREW HEAD)**

Step 8:

Install the carbon airbox lid to the OEM bases.

Tips

1. Do one side at a time.
2. Start all 6 screws first and then tighten them.
3. Some light shaking of the assembly will help it fit together and help seat the lid to the throttle body.

DO NOT OVERTIGHTEN THE SCREWS. SNUG IS ALL THAT IS NEEDED.

Step 9:

Connect the hose removed in Step 2 to the airbox. If the fit is loose, use the included hose clamp to ensure that the hose remains connected to the airbox lid.

***Note for vehicles with 82mm TB**

For vehicles equipped with 82mm TB, the stainless steel sealing ring and round inlet of the carbon fiber airbox can be enlarged to allow the airbox to fit. Enlarging can be done with a Dremel or die grinder equipped with an abrasive drum. It is recommended that this procedure be carried out by someone with fabrication or machining experience.