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## **INSTALLATION INSTRUCTIONS FOR CARBON FIBER AIRBOXES FOR ALL MERCEDES AMG 63 MODELS**

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
- Allen (hex) key
- Flat head screwdriver
- Sharp utility knife

### **Kit includes:**

- 2 – Carbon fiber engine covers
- 2 – Performance Air Filters
- 2 – Allen head set-screws
- 12 – Rubber Backed Washers

## **LABOUR ESTIMATE GUIDE**

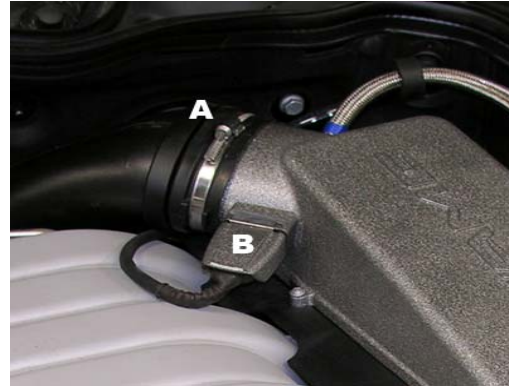
**0.5 Hours**

### Step 1:

Remove the factory engine cover. This is done by carefully pulling up on it. It is held in place on 6 points and no tools are required for removal.

### Step 2:

On each airbox, using a flat headed screwdriver, loosen the hose clamp (A) that connects the airbox lid to the OEM Y inlet pipe.



### Step 3:

Remove the MAF cover (B) on each airbox by sliding it off and then disconnect the wire that leads to the MAF sensor. This is done by depressing the tab on the side of the sensor and by pulling apart.

### Step 4:

Using a T20 Torx screwdriver, remove the 12 screws that hold the airbox lids to the airbox bases. Once this is done the airboxes can be lifted out.

### Step 5:

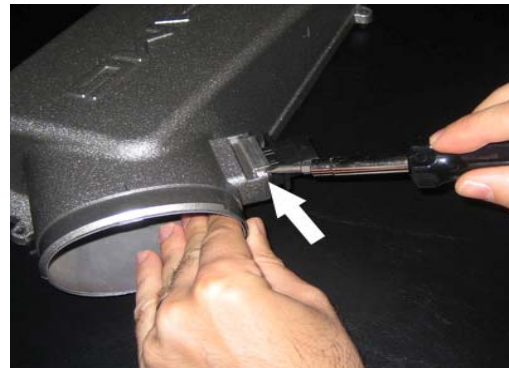
Remove the stock air filters and replace them with the ones included in the kit.

### Step 6:

Using a flat head screwdriver, pry off the clips that hold the black MAF sensor to the silver airbox lid. There is one clip on top and one on the bottom.

Once the sensor is removed, repeat the procedure to the other airbox.

**Note: The sensor has a rectangular rubber sealing ring. MAKE SURE that this ring stays with the sensor and is not left behind in the airbox**



### Step 7: IMPORTANT

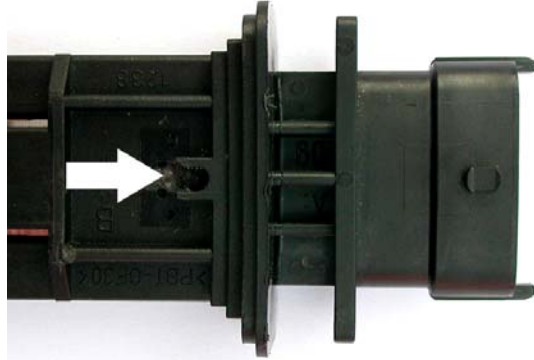
The sensor on the left and right airbox are the same but when installed it is important to get their orientation correct. For this reason:

**ON THE DRIVERS SIDE: The sensor will have the Bosch ID label facing DOWN**  
**ON THE PASSENGER SIDE: The sensor will have the Bosch ID label facing UP**

### Step 8:

On the side of the MAF sensor opposite the Bosch ID label there is an oval-shaped depression shown in the image right.

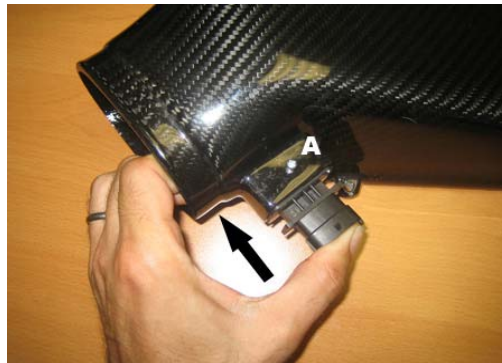
Using a sharp utility knife, trim off the end of the oval opening as indicated by the white arrow.



### Step 9:

Observing the MAF orientation above, slide the MAF sensor with its rectangular gasket into the airbox making sure to push it ALL THE WAY IN. While holding the assembly tightly, tighten the Allen head set-screw (A). Make sure that the screw is tight.

TIP: A drop of glue (included in the engine cover kit) on the threads of the Allen screw will prevent it from loosening in the future.



**Note: The drivers side will have the screw on TOP while the passenger side will have the screw on the BOTTOM**

### Step 10:

Included in the kit are 12 rubber backed washers. One by one, slide the OEM airbox screws (removed in Step 4) through these washers.

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

### Step 11:

With the carbon airbox lids now assembled they can be re-installed in the reverse order of removal. Make sure all fasteners, clamps, and connectors are re-installed, tight, and secure before driving the vehicle.

### Step 12:

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.



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## INSTALLATION INSTRUCTIONS FOR CARBON FIBER ENGINE COVER FOR ALL MERCEDES AMG 63 MODELS

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 Headed Screwdriver
- Sharp knife or die grinder

### Kit includes:

- 1- Carbon fiber engine cover.
- 1 - Glue Tube

### Step 1:

Remove the factory engine cover. This is done by carefully pulling up on it. It is held in place on 6 points and no tools are required for removal.

### Step 2:

The Mercedes Star is held to the factory engine cover by 6 pins that are melted in place on the back side of the engine cover. Using a die grinder or sharp knife, CAREFULLY grind or cut away the melted plastic to remove the star. Clean the star well to make sure there is no grease, oil, or dirt on it.



**DO NOT CUT OFF THE MOUNTING PINS**

### Step 3:

Included in the kit is some fast-setting glue. Place a small amount of glue into the 6 mounting holes on the carbon fiber cover and lay some glue around the perimeter of the mounting circle for the star. At this time install the star on the carbon fiber cover and hold it firmly in place for 30 seconds. The glue will fully cure in about 5 minutes.

### Step 4:

On the bottom of the factory cover there are 6 metal clips that are press fit onto the cover. Using a flat-headed screwdriver, pry these clips off and transfer them to the carbon fiber cover.

### Step 6:

With the carbon cover now assembled, clip it onto the stock mounting locations. Installation is the reverse of the removal done in Step 1.