



INSTALLATION INSTRUCTIONS FOR CARBON FIBER DIFFUSER FERRARI F430 COUPE & SPIDER

Thank you for choosing to purchase a Carbonio product. 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:

- 4mm Allen (hex) head tool
- 10mm socket wrench
- Mat or sheet of cardboard to lie on
- Blocks of wood, foam or other material to support diffuser

Kit includes:

- 1 – Pre-assembled carbon fiber rear diffuser
- 6 – M6 Allen head bolts

The instructions contained in this manual outline the process for installing a rear diffuser on a Ferrari F430 without lifting the car off the ground. We found this to be the fastest way for one person to install the diffuser however if you prefer to work on a lift you may wish to have a helper hold the diffuser up in the air while you work. Regardless of what technique you choose to employ **ENSURE YOU WORK ON A CAR THAT HAS HAD PLENTY OF TIME TO COOL OFF!**

Step 1: Find a level and flat surface to work on and lay down a mat, cardboard sheet, or other similar cushioning material behind the car. While not essential, this step gives you a clean and soft area to lie on when accessing the mounting screws of the diffuser.

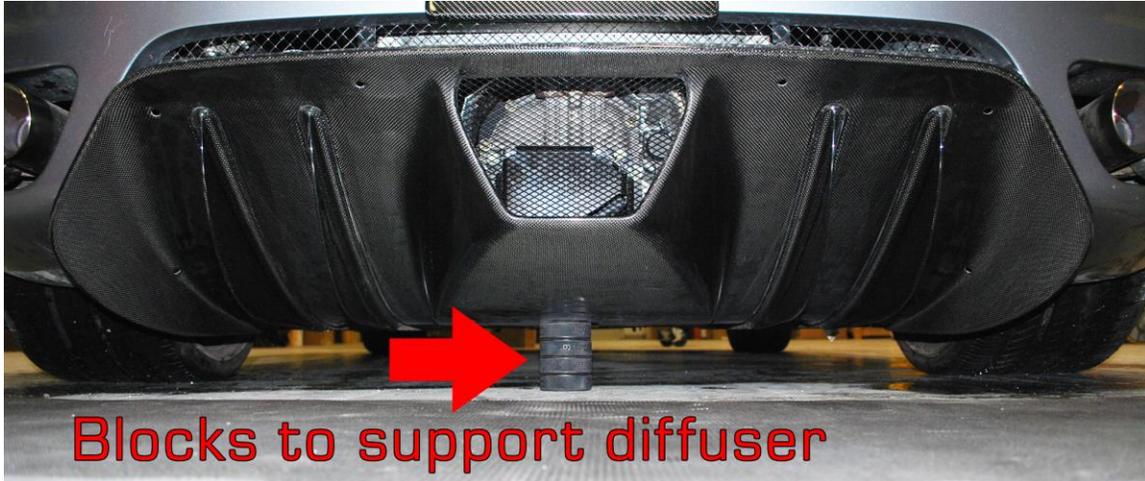
Step 2: Using a 10mm socket wrench, remove the 5 screws that hold the factory diffuser along its forward edge (this is the edge closer to the front of the car). Note each bolt and the washers and spacers they come out with. The photo below shows what this hardware should look like once removed. Set the hardware aside for re-installation later.



LABOUR ESTIMATE GUIDE
30 Minutes

Step 3: Using a 4mm Allen tool, remove the 4 bolts that are near the back edge of the diffuser. At this stage the diffuser should be held in place with only two Allen head screws on either side.

Step 4: Using blocks of some solid material (stacked hockey pucks were used in the image below) support the weight of the diffuser before removing the last 2 Allen head screws.



Step 5: With the last 2 screws removed pull the diffuser out by balancing it on the blocks as it comes out.

Step 6: Installation of the carbon fiber diffuser is the reverse of the removal using the following order of operations:

- 1- Balance new diffuser on blocks and put into position
- 2- Install Allen head screws on either side first and leave them LOOSE
- 3- Install the other 4 Allen head screws and leave them LOOSE
- 4- Install the bolts removed in Step 2 and leave them LOOSE
- 5- Make sure the diffuser is properly positioned and tighten the Allen head screws FIRST followed by tightening the hex head screws last.