



Mercedes CLA45 AMG Carbon Air Duct and Carbon Air Box Lid Install



The goal of Alpha Performance is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs Alpha Performance will never compromise the quality or performance of our products. In addition, Alpha Performance will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. Alpha Performance was built on a foundation of integrity. This is who we are; this is what you can count on.

A vehicle modified by the use of performance parts may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only as there are many variables that cannot be accounted for concerning your particular vehicle, including but not limited to model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

If you have any questions or issues at any time during the installation of your Alpha Performance product(s) please call us for technical assistance. The Alpha Performance tech line can be reached during business hours at 847-709-0530 for Alpha Performance products only.

Installation

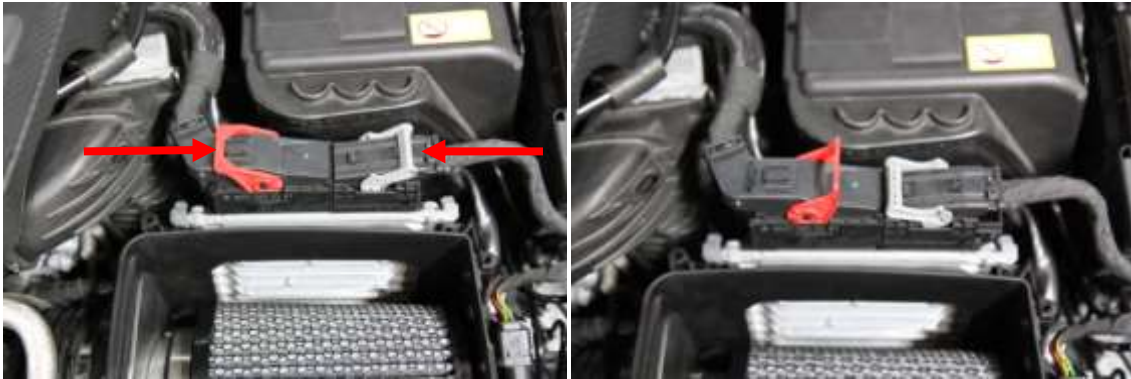
- 1) Remove the battery cover by sliding it forward towards the front of the car and up. Disconnect the battery. **Important!** This must be done because the engine ECU will have to be disconnected to remove the factory air box.



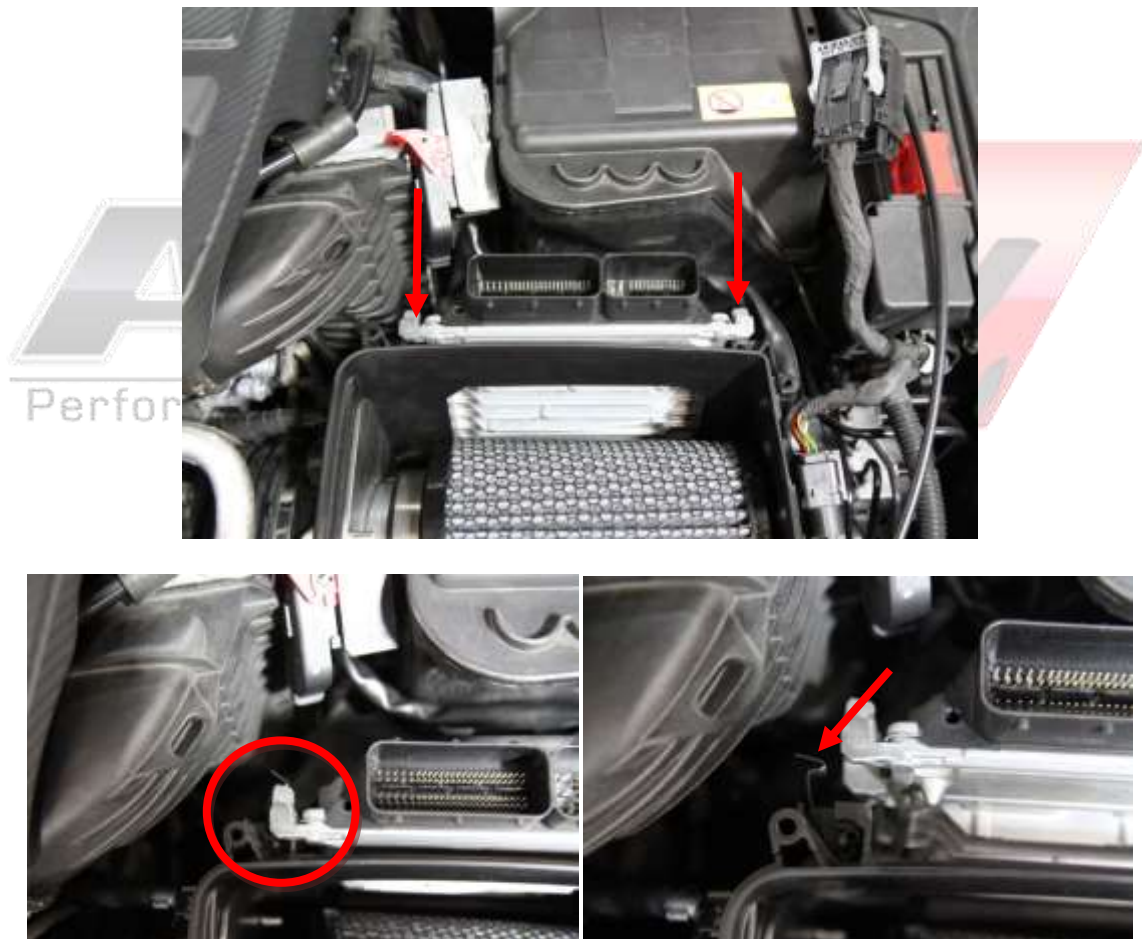
- 2) Remove the air box lid by loosening the four T25 Torx screws. Remove the screws from the lid and set them to the side to be reused.



- 3) Disconnect the ECU by releasing the Red and Grey connector levers. Pull the connectors off to the side.



- 4) Remove the ECU by un-clipping the two spring retainers shown and then pull upwards.



5) Loosen Hose Clamp between air box and turbo inlet hose.



6) Now that the ECU has been removed and the hose clamp loosened, you can now lift up on the air box in order to remove the factory air duct.



- 7) Now test fit the Alpha Air box duct on your vehicle. Installation is reverse of removal.
 - a. (It has been observed throughout multiple vehicles that there is some variance in the fitment of the Carbon Air Duct. This may cause the air duct to fit a little looser depending on the vehicle. If fitment appears to be loose please continue to step #8 below. If fitment is tight, skip step #8)



- 8) Depending on your fitment, we have included a strip of adhesive backed foam that may need to be applied to ensure a tighter seal. Please cut the strip to length and apply, as shown below, to the inside bottom of the mating flange on the air duct.



9) Once fitment is confirmed push back down on Air box to secure it in the factory push grommets. Tighten the turbo inlet hose clamp.

10) Reinstall the ECU by sliding it down into place and by securing it with the factory spring clips. Reconnect the ECU connectors.



11) Install the Carbon Air box lid using the factory screws that you had set aside earlier.



12) Reconnect the battery and reinstall the compartment cover. Double check all the connections are complete

Enjoy!!