



Mercedes CLA45 AMG Intake Install



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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.

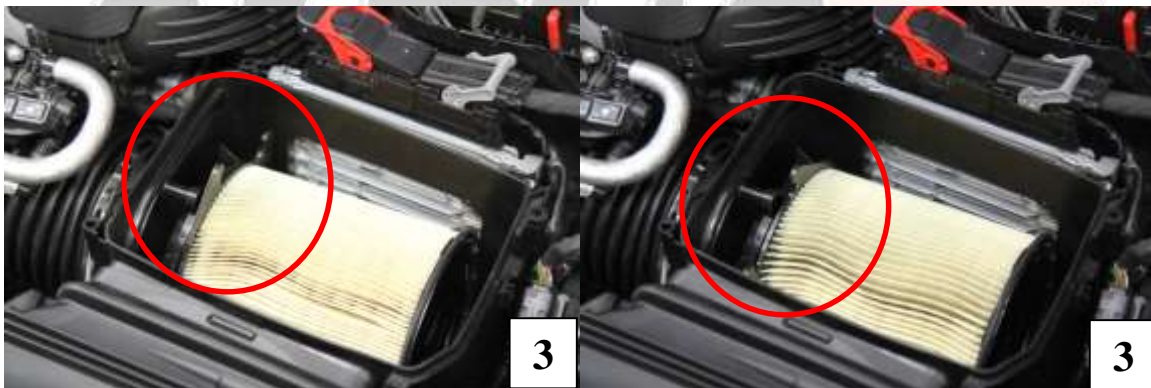
If you have any questions or issues at any time during the installation of your Alpha Performance product(s) please call us for technical assistance. The Alpha Performance tech line can be reached during business hours at 847-709-0530 for Alpha Performance products only.

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. They will remain in the lid.
- 3) Remove the air filter by rotating the air filter counter clockwise.





- 4) Remove the connector and wire harness on the side of the air box. To remove the connector, release the tab on the air box and slide the connector down and out of the way. The wire harness clip will just pry off the air box using a flat head screw driver.



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



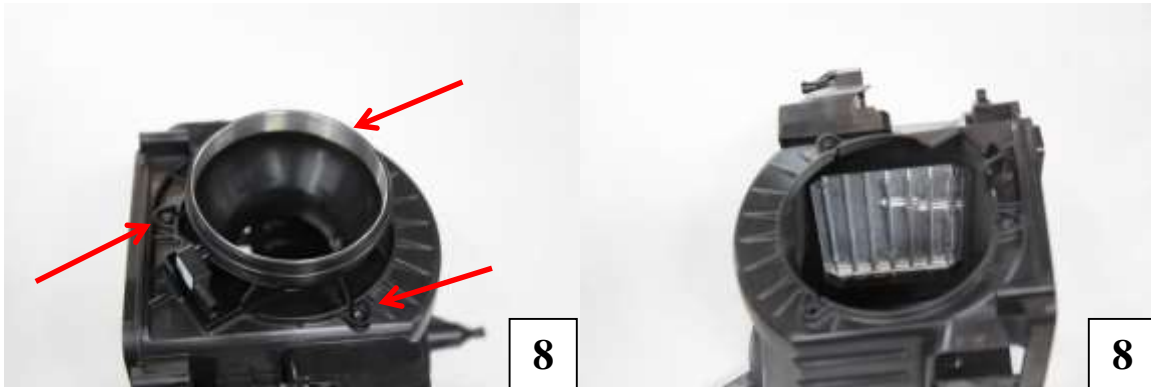
- 6) Disconnect the MAP sensor on the air box. To do so, use a small screw driver to pull out the grey tab from the connector. Once released, depress the grey tab down to disconnect.



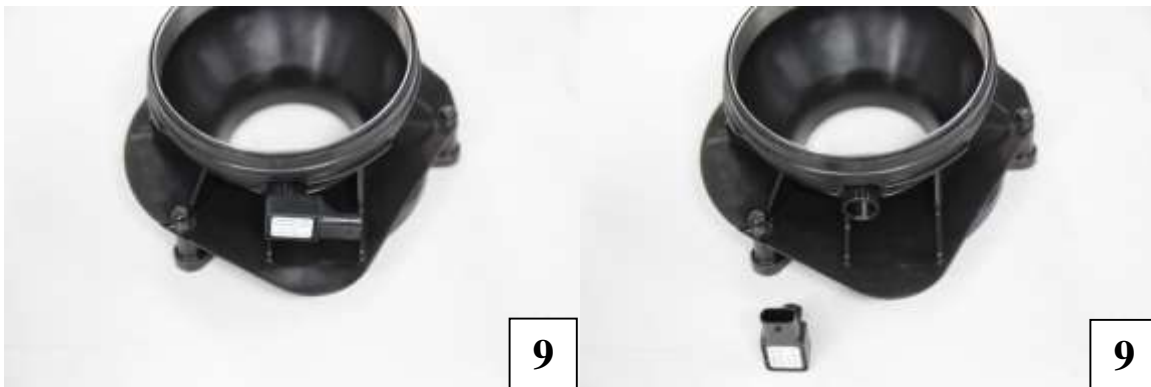
- 7) Loosen the hose clamp on the coupler to air box connection using a 7mm socket or flat head screw driver. Pull the air box inlet towards the front of the car away from the air box. Pull up on the air box assembly to remove it from the car. It is held in place by three rubber grommets under the air box. The air box inlet will remain in the car.



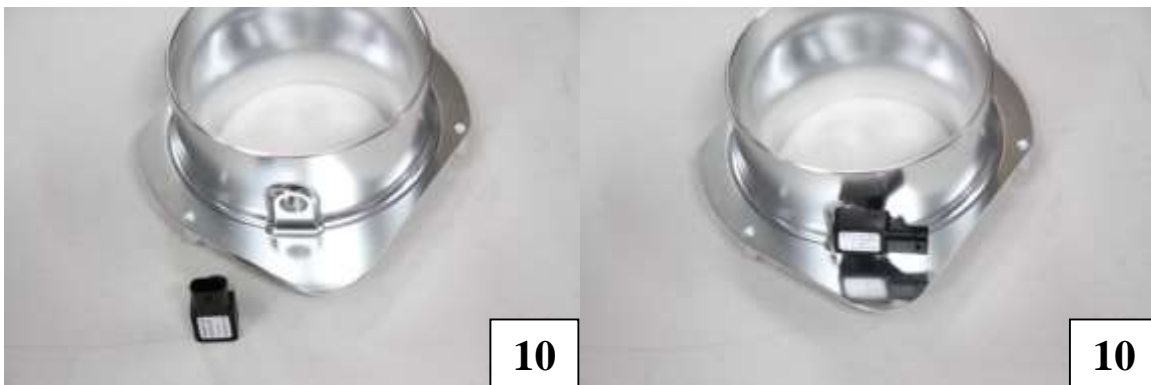
- 8) Remove the factory air filter adaptor from the factory air box by removing the three T25 Torx screws. The screws will not be reused.



- 9) Remove the MAP sensor from the factory air filter adaptor by rotating the sensor 90 degrees counter clockwise, and then pull the sensor straight out.



- 10) Install the MAP sensor into the new Alpha Billet Intake in the reverse order of removal during step 9).



11) Bolt the new Alpha Intake into the factory air box using the three supplied m5 button head bolts.



12) Reinstall the air box in the vehicle. Tighten the coupler to Alpha Intake clamp

13) Reconnect the ECU, MAP sensor, and reattach the connector and harness on the side of the air box.



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14) Install the Alpha Air Filter. It will be a tight fit. Take the air filter and slide it directly downwards into the air box. Once in, slide it over the Alpha Intake and tighten the clamp.



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15) Reinstall the air box lid. Reconnect the battery and reinstall the cover. Double check all the connections are complete.



Enjoy!!

Alpha Filter Cleaning

Alpha/AMS filters feature a specially designed media that allows performance and efficiency to be restored to near new each time by simply using compressed air from inside out, making frequent washing unnecessary in order to restore filter performance.

Alpha/AMS filters feature a media that is fully compatible with washing.

Biodegradable cleaners such as Simple Green or other mild_shop degreasers can be used. Simply place the filter in a solution or spray the cleaner on the filter. Allow the solution to loosen the particulate and then rinse thoroughly. Shake the filter or use compressed air from the inside outward to remove residual water and allow a full day or two to dry. While the media may discolor, filter efficiency and restriction are not affected.

Note: Always follow the dilution and application time instructions for "light cleaning" as indicated by the cleaner manufacturer.

