

Mercedes G500/G550 M176

SKU: BBCAIS014- 2 GEN



Thank you for purchasing the Mercedes G500/G550 M176 Cold Air Intake System

This Installation guide provides instructions on how to install the Blackboost Cold Air Intake and the tools required.

Content of the Package

1. Airbox	-	1
2. Intake Pipe - RH	-	1
3. Intake Pipe - LH	-	1
4. Silicone Couplers	-	2
5. Coupler Clamps	-	4
6. Standard Twin Flow Filter	-	2
7. Filter Clamps	-	2
8. Sensor Bung	-	2
9. Standard Logo Plate	-	1



Compatibility

Mercedes G500/G550 M176 (W463A) Cold Air Intake System

Caution: Make sure the engine bay is cooled down.



Tools Required



1. Hex 7mm, 8mm nut drivers
2. Flat head screw driver
3. Hose Clamp Plier
4. Hook Pick

PPE



1. Gloves
2. Safety Glasses

OEM Air Box Removal

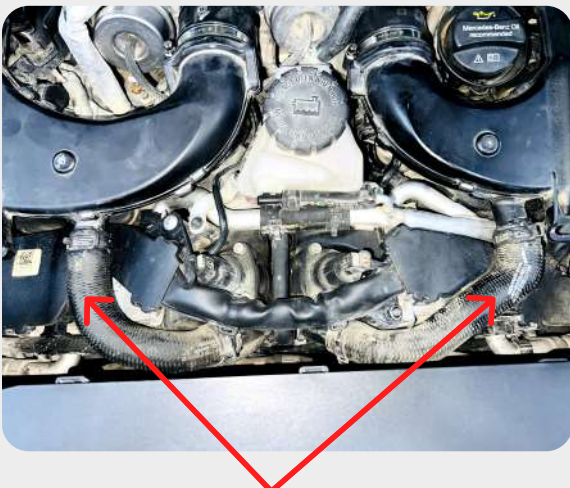
Step 1

Remove the Engine cover as shown below.



Step 2

Use a Hose Clamp Plier and disconnect both the rubber hoses as shown below.



Step 3

Unclip the plastic clips to remove these 2 plastic cover in order to access the Sensors.



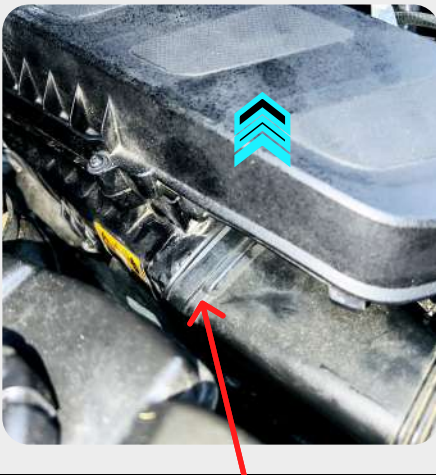
Step 4

Unplug and remove both the sensor cables as shown below.



Step 5

Loosen the OEM inlet duct. Unscrew the coupler clamps and disconnect the Airbox as shown below.



Step 6

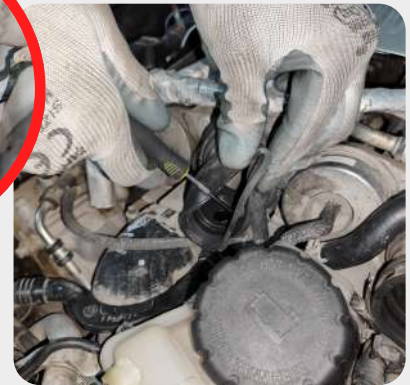
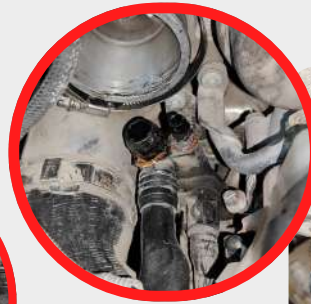
Remove both the OEM Airboxes as shown below.



Step 7

Unscrew the OEM coupler clamps and remove the OEM turbo couplers.

To remove the couplers completely, Use the flathead screw driver and the hook pick to remove the adhesive holding in the breather lines connecting to the coupler from underneath. (Proceed carefully as the stock couplers and breather lines are prone to break if handled roughly)



BlackBoost Cold Air Intake Installation



BlackBoost Cold Air Intake Installation

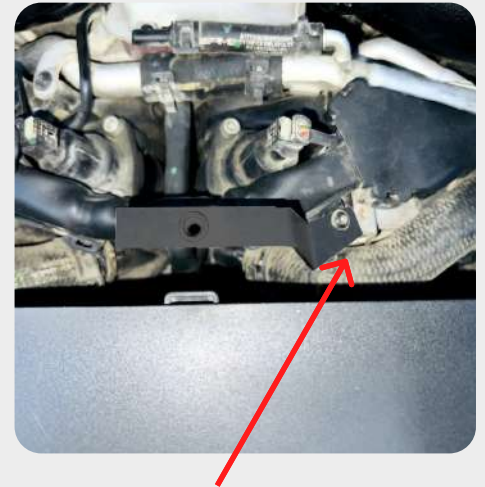
Step 1

Install both the BlackBoost Oversized couplers as shown below.



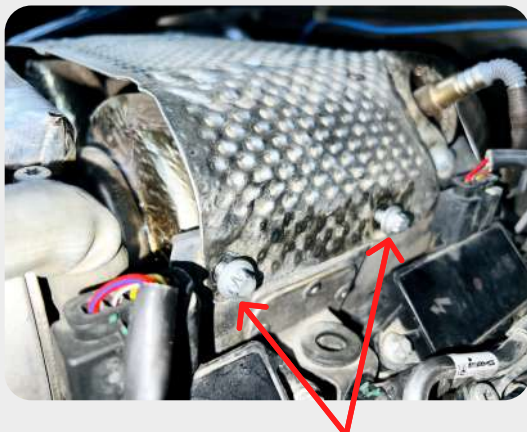
Step 2

Remove the screw and then install the bracket as shown below.



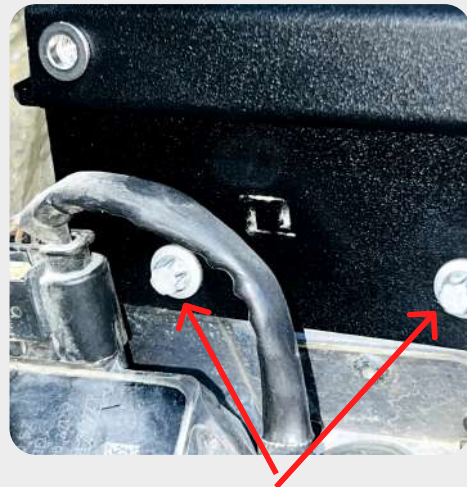
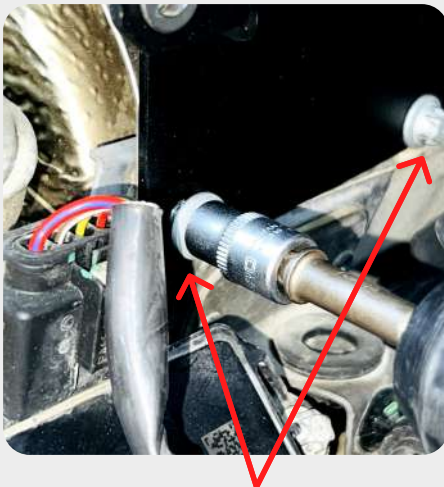
Step 3

Unscrew the these nuts to attach the BlackBoost base mounting plate.



Step 4

Place the BlackBoost base mounting plate and tighten the screws.



Step 5

Plug both the sensors to in to the BlackBoost Airboxes as shown below.



Step 6

Place both the BlackBoost Airboxes as shown below. Then tighten the screws and install the BlackBoost Airboxes to the mounting base plate as shown below.



Step 7

Install the BlackBoost filter in to the plastic pipe and hand tighten the clamps.

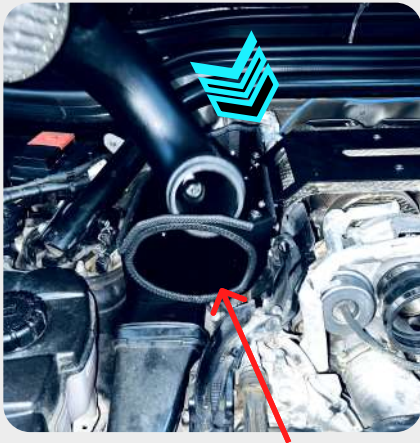
(Only hand tighten it and make extra care to make sure you don't over tighten it)



Step 8

Insert and manoeuvre the plastic pipe along with the filter, and install it as shown below.

Apply the same process on the other side.



Step 9

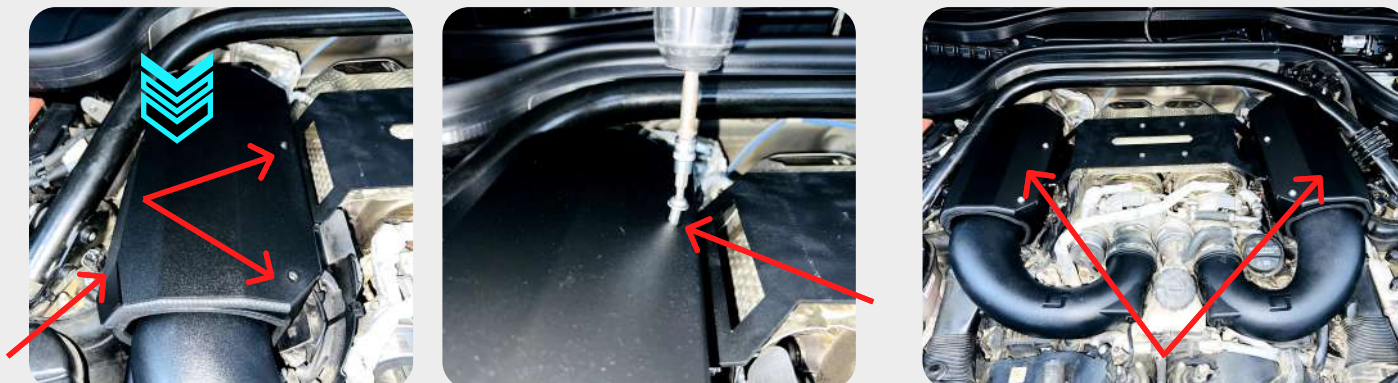
Insert the plastic pipes completely in to the couplers and tighten coupler clamps.

(Only hand tighten it and take extra care to make sure you don't over tighten it)



Step 10

Close the filter covers and tighten the screws as shown below.



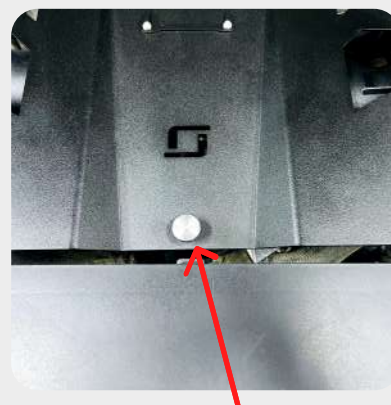
Step 11

Use the adhesive tape to attach the Engine builder plaque. Screw the BlackBoost logo plate on the engine cover.



Step 12

Place the BlackBoost engine cover and tighten it using the thumb screws.





Thank you again for your purchase.

Hope you enjoy, drive safe & responsibly.

Disclaimer: *In no event will BlackBoost, or its affiliates be liable for any damage to your car, its components or yourself. Please be aware of local laws and regulations prior to installation.*