

G63 M177 Cold Air Intake System

SKU: BBCAIS015-GEN 2



Thank you for purchasing the Mercedes G63 AMG (W463A) – M177 LS2 Cold Air Intake

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

Content of the Package

1. Powder-coated Airbox with Engine Cover.	-	1
2. Molded Composite Intake Pipes with 1/8th Npt Ports	-	2
3. Oversized Couplers	-	4
4. Coupler Clamps	-	4
5. Oval Twin Flow Dry Filters	-	2
6. Filter Clamps	-	2
7. Standard Logo Plate	-	1



Compatibility

G63 AMG (W463A) – M177 LS2 4.0L V8 BiTurbo – (2019+)

Caution: Make sure the engine bay is cooled down.



Tools Required



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

PPE



1. Gloves
2. Safety Glasses

OEM Air Box Removal

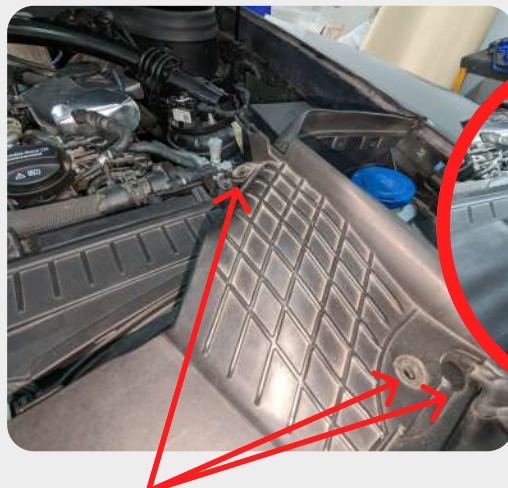
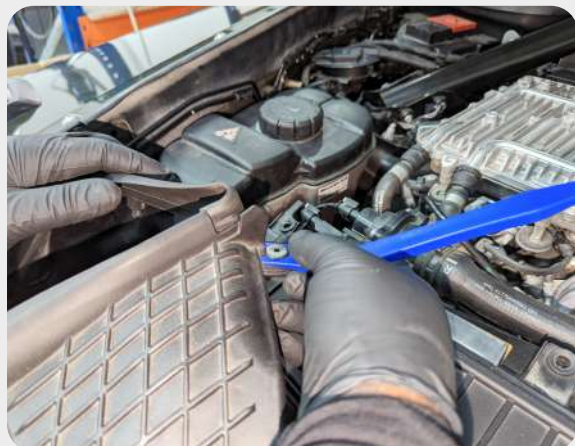
Step 1

Remove the Engine cover.

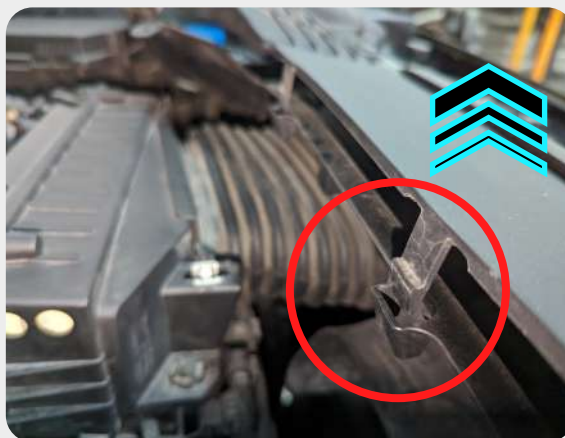


Step 2

Using the pry tool remove the clips. and then remove the rubber covers as shown below.

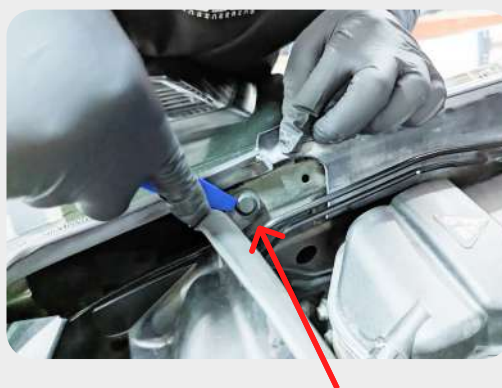


Remove the plastic cowling as shown below.



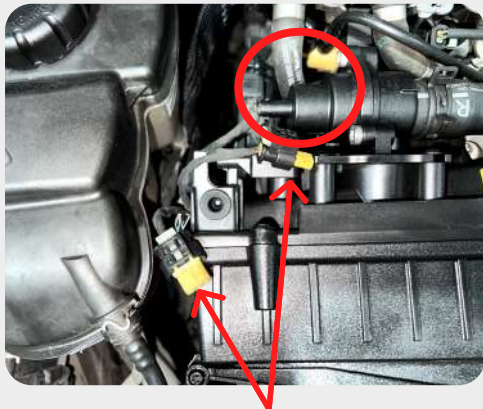
Step 3

Then remove the side plastic panels as shown below.



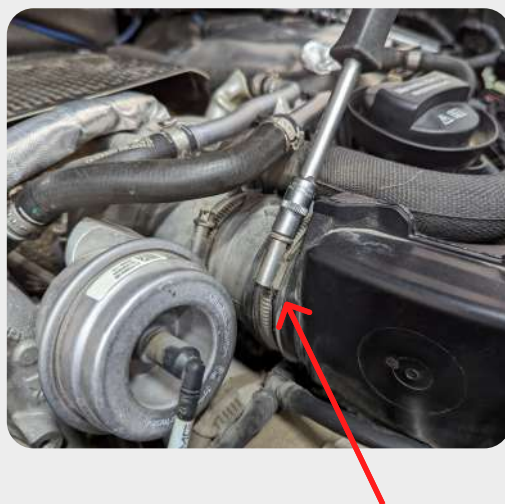
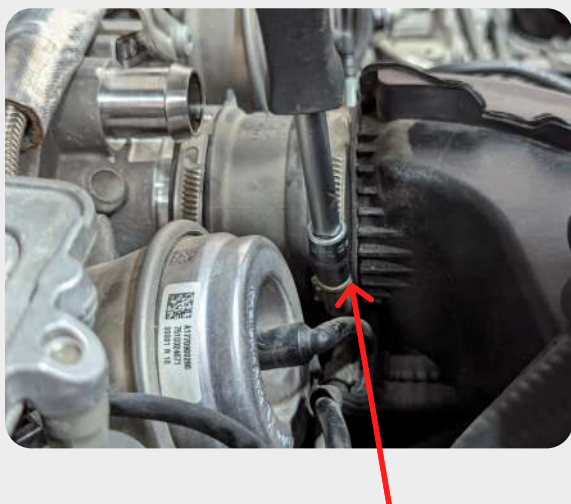
Step 4

Unplug both the sensor cable and the connector which connects to the diverter as shown below.



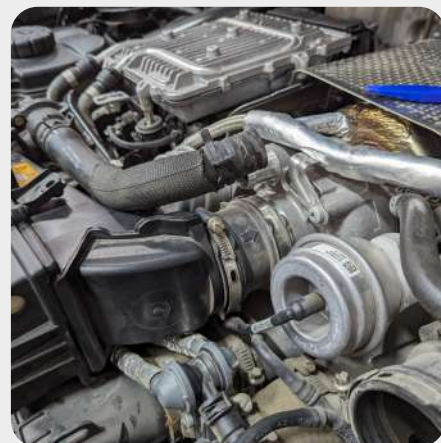
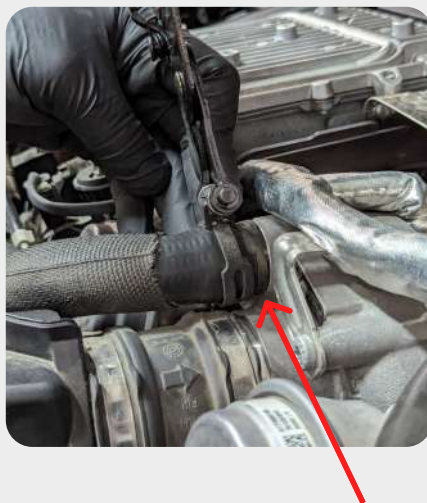
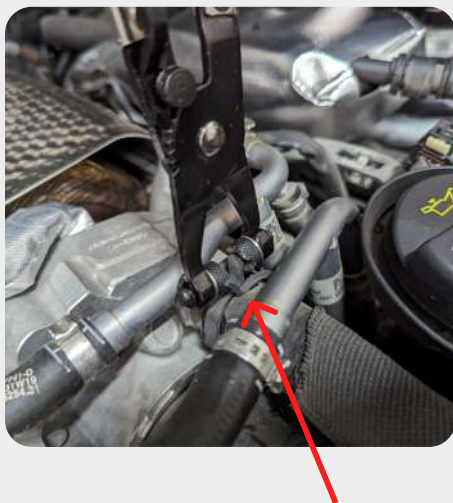
Step 5

Loosen the Turbo Coupler clamps to remove the airbox as shown below.



Step 6

Remove both diverter valve hoses using a hose clamp plier.



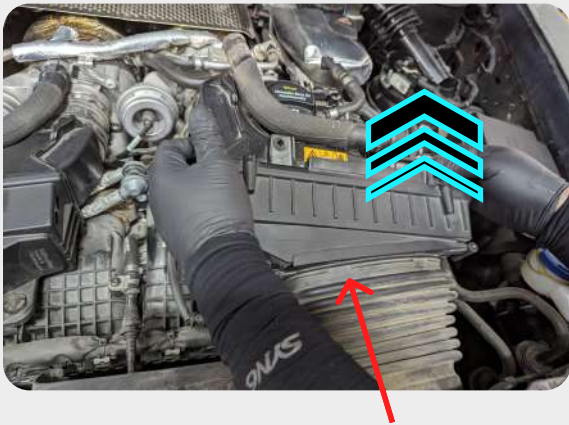
Step 7

Unclip, pull and detach the Air Inlet duct



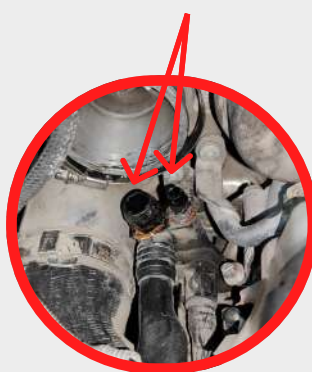
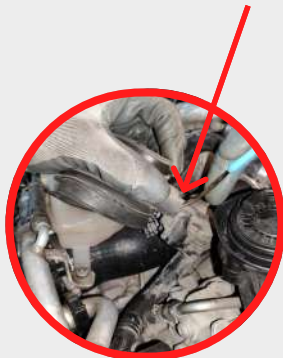
Step 7

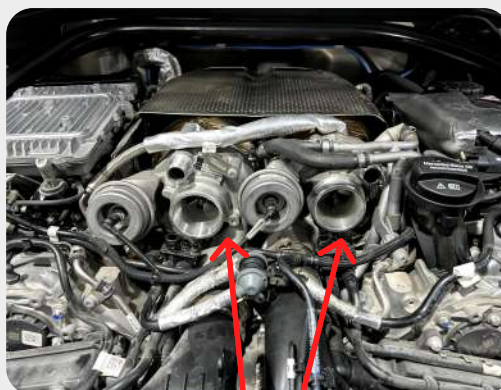
Pull out the OEM Airbox from the turbo coupler. Then proceed to pull the Airboxes up to detach them from the grommets to remove the airboxes out.



Step 8

To remove the OEM turbo couplers completely, Use the flathead screw driver and the hook pick to remove the adhesive holding 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)**





Step 9

Remove the screws mounting the diverter valve to disconnect it from the OEM Airbox, then unplug both sensors from the OEM Airboxes. Keep both the Diverter Valves and the sensors aside for later use.



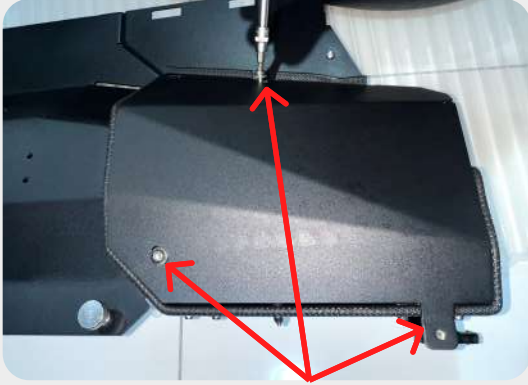
BlackBoost Cold Air Intake Installation



Blackboost Cold Air Intake Installation

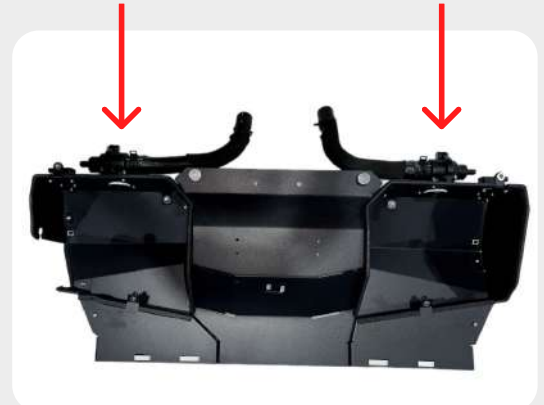
Step 1

Unscrews the screws and remove the filter cover as shown below.



Step 2

Connect both the diverter valves to the correct side of the Blackboost Airbox using the screws. Make sure to remove the O-ring and reinstall it once the Diverter valve is installed.



Step 3

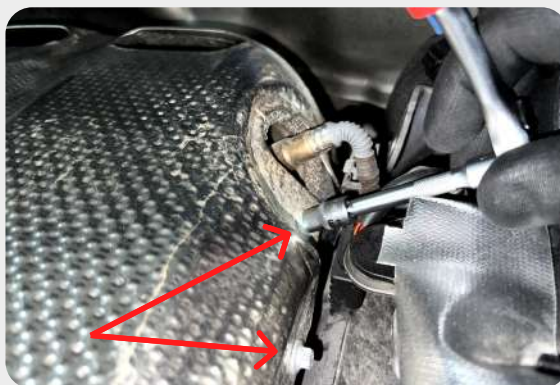
Install the BlackBoost couplers to the Turbo using the clamps.

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



Step 4

Remove the shown nuts from both side to install the BlackBoost racket.



Step 5

Install the black spacers and install the BlackBoost racket.

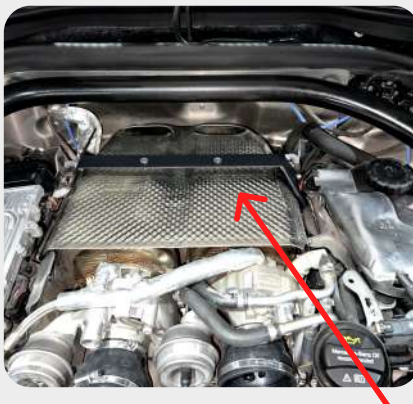
Right side front nut to be installed without a spacer.



No Spacer

Step 6

Loosen this tank and lift it up for more room.



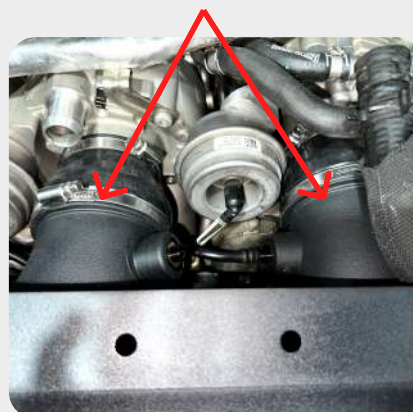
Step 7

Place the BlackBoost Airbox as shown below, connect the sensors onto the bungs on the Airbox and be sure to connect the cables for both the sensors and the diverter valves.



Step 8

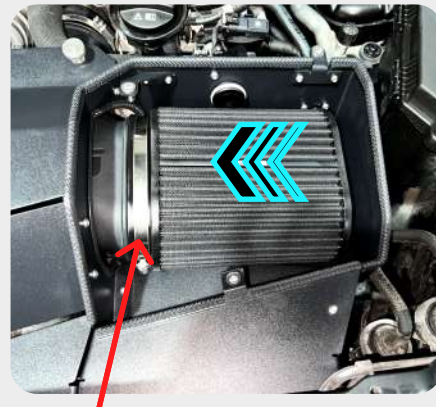
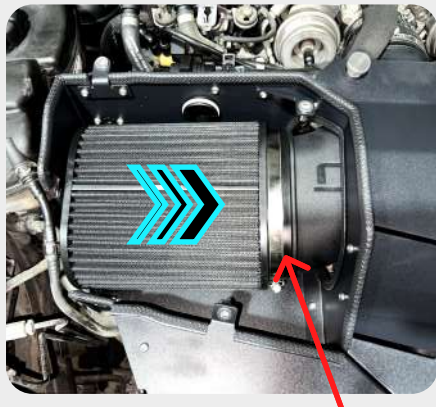
Insert the tubes as shown below and then Install it to the couplers.



Step 8

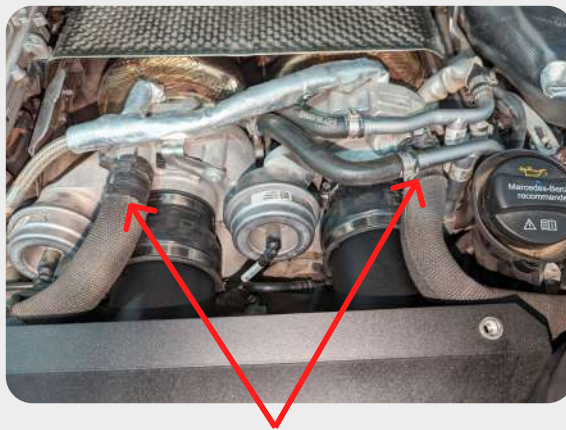
Install the BlackBoost filters as shown below and hand tighten the clamps.

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



Step 9

Reconnect the Diverter Valve hoses back onto the Turbo using the clamps.



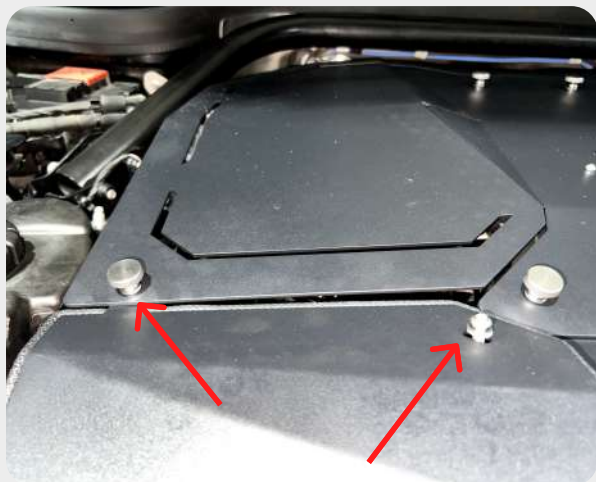
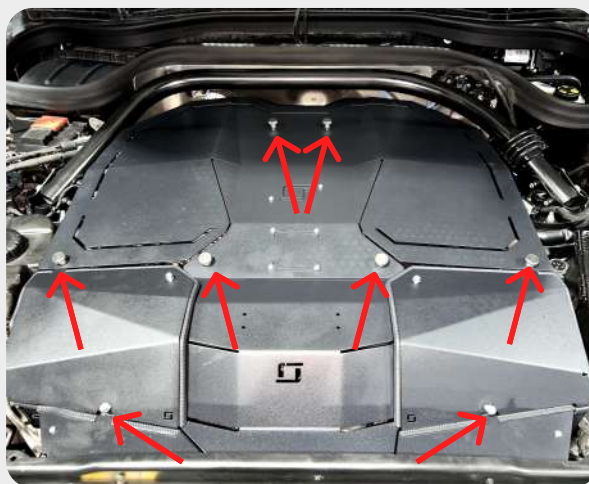
Step 10

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



Step 11

Place the BlackBoost engine cover on the spacer and use thumb screws to tighten it. And then the install the filter covers and tighten the 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.*