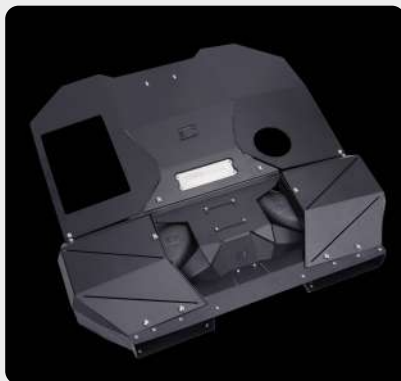


Mercedes AMG GLE63 M177 Cold Air Intake system

SKU: BBCAIS022

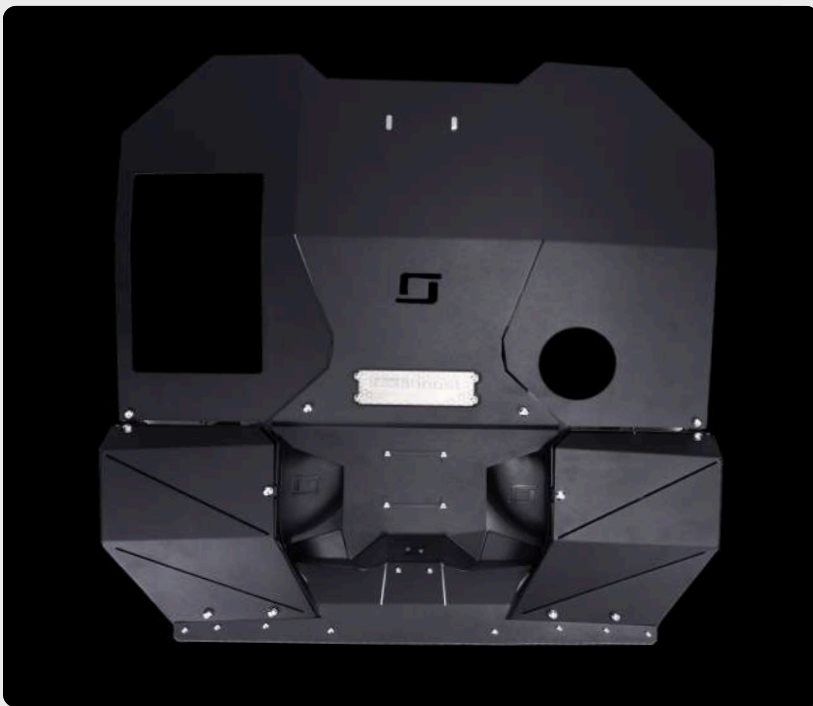


Thank you for purchasing the MERCEDES BENZ AMG GLE63 M177 Cold Air Intake System

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

Content of the Package

1. Powder-coated Airbox with filter cover	-	1
2. Moulded Intake Pipe	-	2
3. Moulded Couplers	-	2
4. Twin-Flow Synthetic Dry Air Filter with clamp	-	2
5. Logo Plate	-	1



Compatibility

Mercedes AMG GLE63 (V167) M177 LS2 V8 BiTurbo - 2019+

Mercedes AMG GLE63(S) (C293) M177 LS2 4.0L V8 BiTurbo - 2019+

Mercedes GLE580 (V167) M177 LS2 V8 BiTurbo - 2024+

Caution: Make sure the engine bay is cooled down.



Tools Required



1. Hex nut driver
2. Screw driver
3. Torx Head driver

PPE

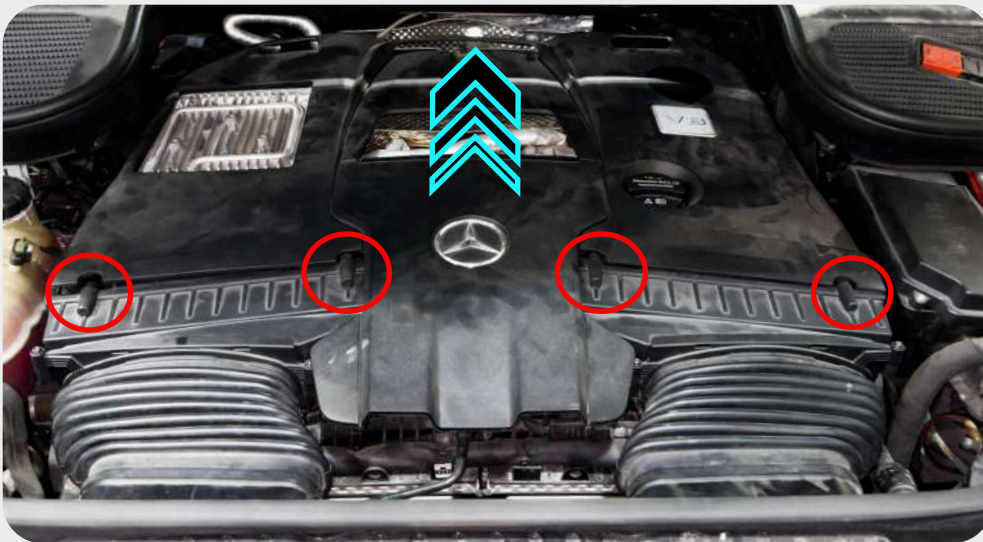


1. Gloves
2. Safety Glasses

OEM Intake Box Removal

Step 1

Unclip the Clips as shown below to Remove the engine cover.



Step 2

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



Step 3

Remove both diverter valve hoses using a hose clamp plier.



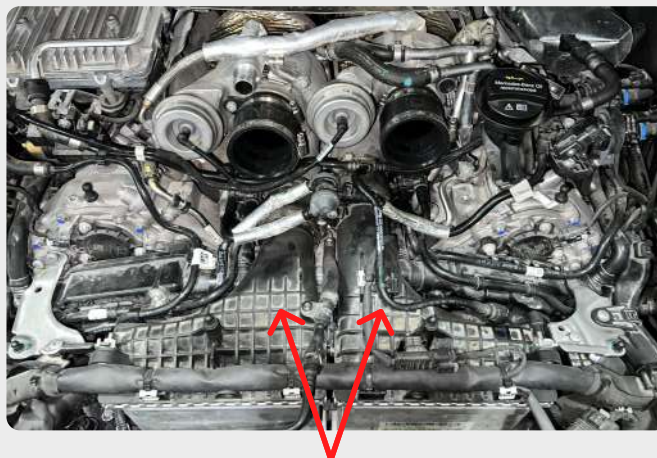
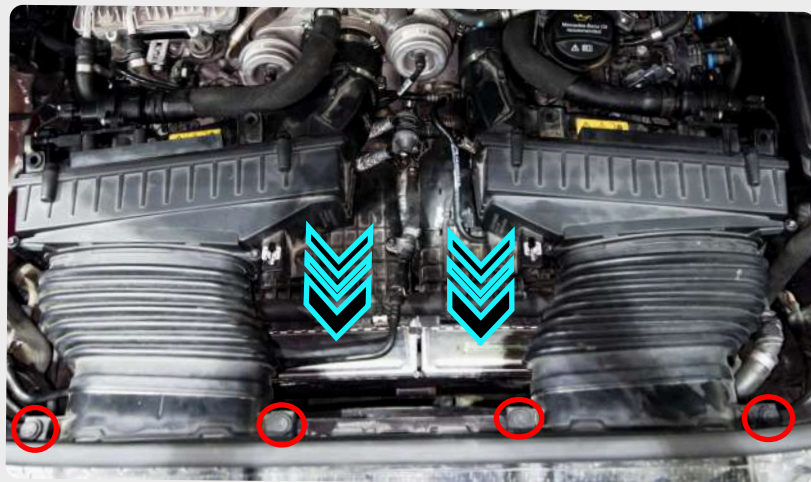
Step 4

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



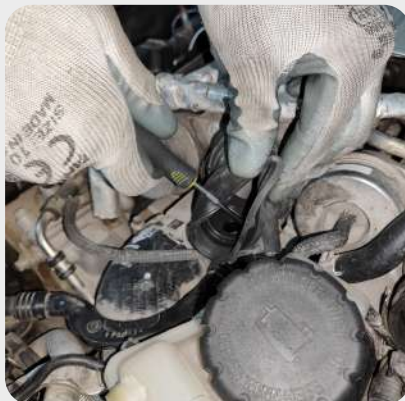
Step 5

Unclip, Pull and Detach the Air Inlet duct as shown below.



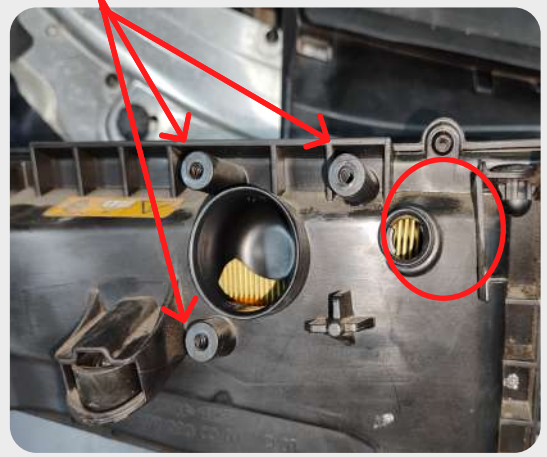
Step 6

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)**



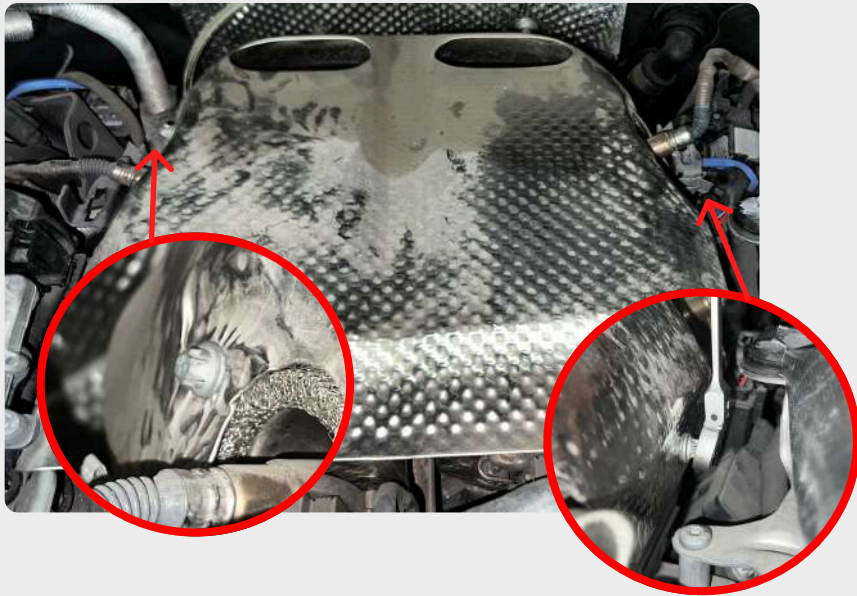
Step 7

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.



Step 8

Remove the below shown screws to later install the bracket for the BlackBoost Engine Cover.



BlackBoost Cold Air Intake Installation



Step 1

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



Step 2

Connect both the diverter valves and the sensors to the correct side of the Blackboost Airbox using the provided 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 and make sure to insert the breather lines in to the coupler holes.

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



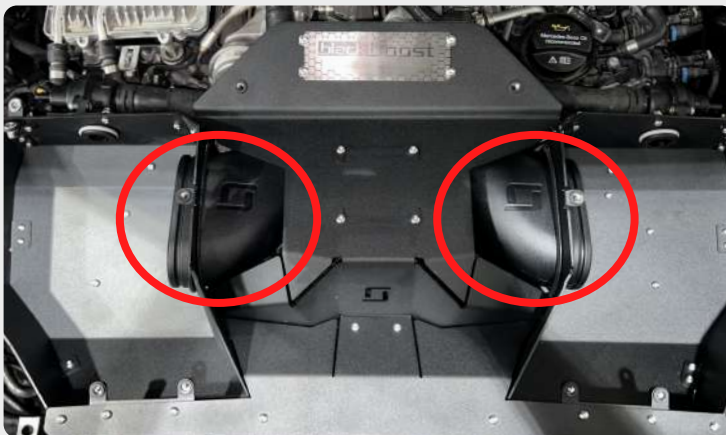
Step 4

Place the BlackBoost Airbox and ensure the airbox sits onto the ball pin studs in the engine bay 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 5

Install the BlackBoost tubes onto the Airbox and connect them to the turbo couplers as shown below.



Attention on Installing the BlackBoost Tubes.

When installing the BlackBoost tubes, be sure to follow these steps carefully:

Start by loosening the clamps on the couplers.

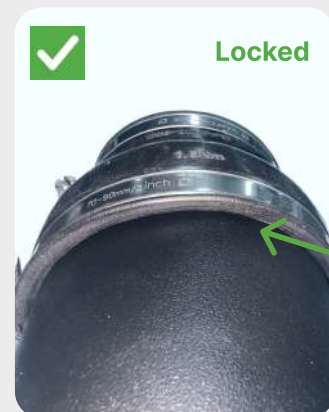
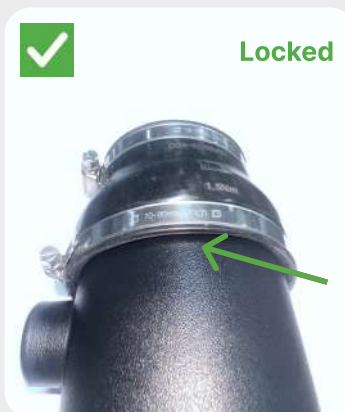
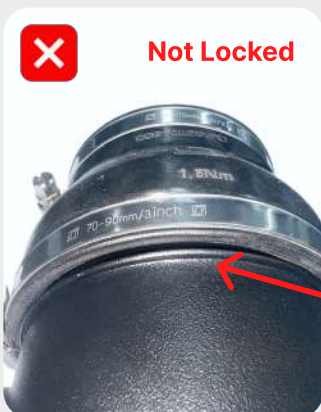
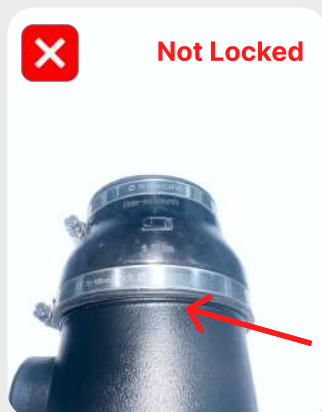


Pay close attention to the interlock between the coupler and the tube.

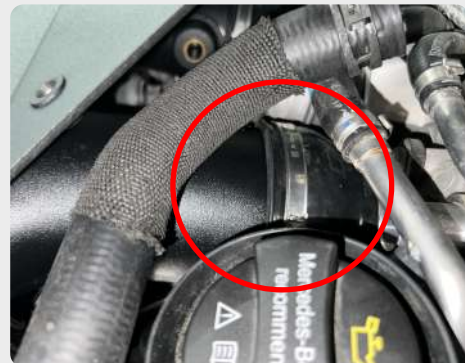
Ensure the tube is fully inserted into the coupler and securely locked, as shown below.



Once the tube is properly interlocked, hand-tighten the clamps to secure the coupler in place.



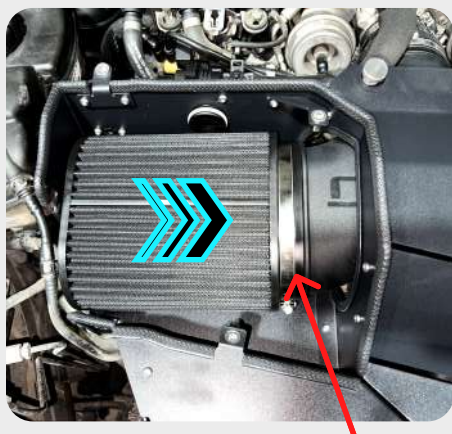
Failure to interlock the coupler and tube correctly may cause the tube to detach during use. Ensure all couplers are interlocked and clamps are properly hand-tightened.



Step 6

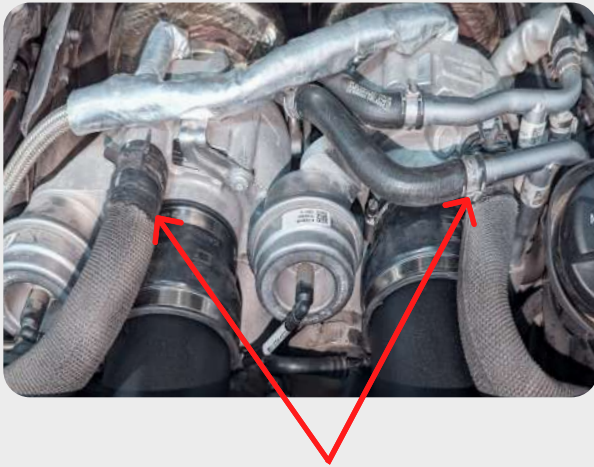
Install the BlackBoost filters as shown below and hand tighten the clamps.

(Only hand tighten it and make sure you don't over tighten it or you may damage the tube overtime)



Step 7

Reconnect the Diverter Valve hoses onto the turbo as shown below.



Step 8

Install the filter covers as shown below.



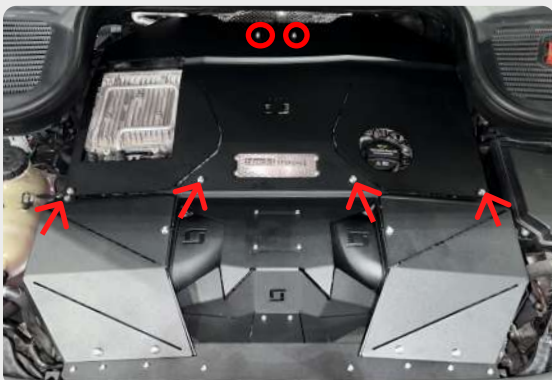
Step 9

Install the bracket for the BlackBoost engine cover with the provided Spacers as shown below.



Step 10

Install the BlackBoost engine cover by aligning them with provided spacers, secure it by tightening the screws as shown below.





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.*