



EVE-G63W465-CF-INT

Mercedes G63 W465 Intake

Installation Guide

All directions referring to left and right are based on looking at the engine from in front of the car.

Please take care when removing parts and fasteners. Contact your Eventuri dealer or email info@eventuri.net for any further information.

Tools Required:

- Trim Tool
- 7mm Sockets and ratchet
- Spring Clamp Tool
- 3mm Allen Key
- Philips Screw Driver
- 5mm Drill Bit

Estimated Installation Time: 1 to 2 hours

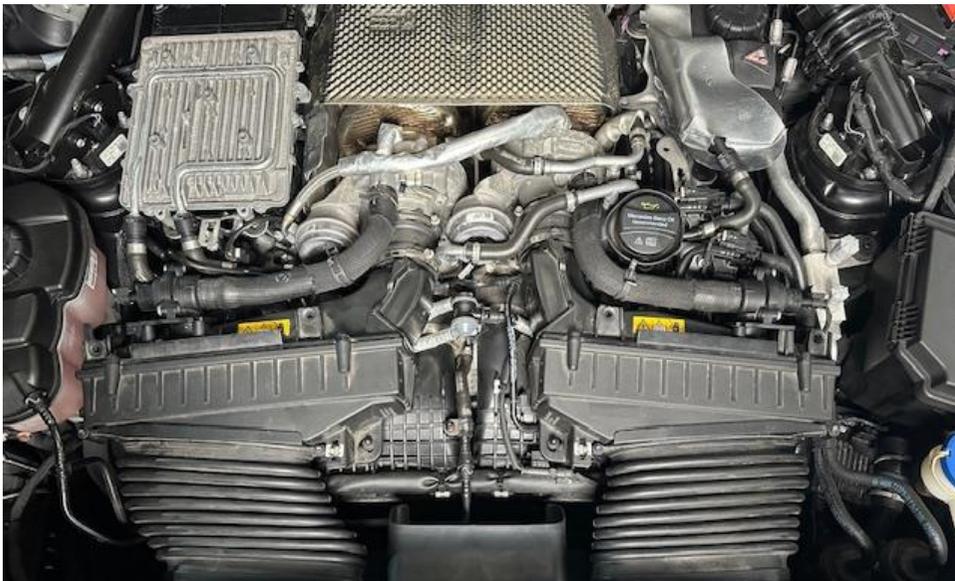




1. Start by removing the engine cover.



2. Remove the secondary air duct – it is held in place with several clips. We will not be re-installing this. This part is only used if you are submerging your G63 in high water levels up to the grill.



3. We will now start removing the airboxes.



4. Remove the 2 screws holding the breather system to the tops of the airboxes. We will also remove the pipe shown by the arrow – see next step.



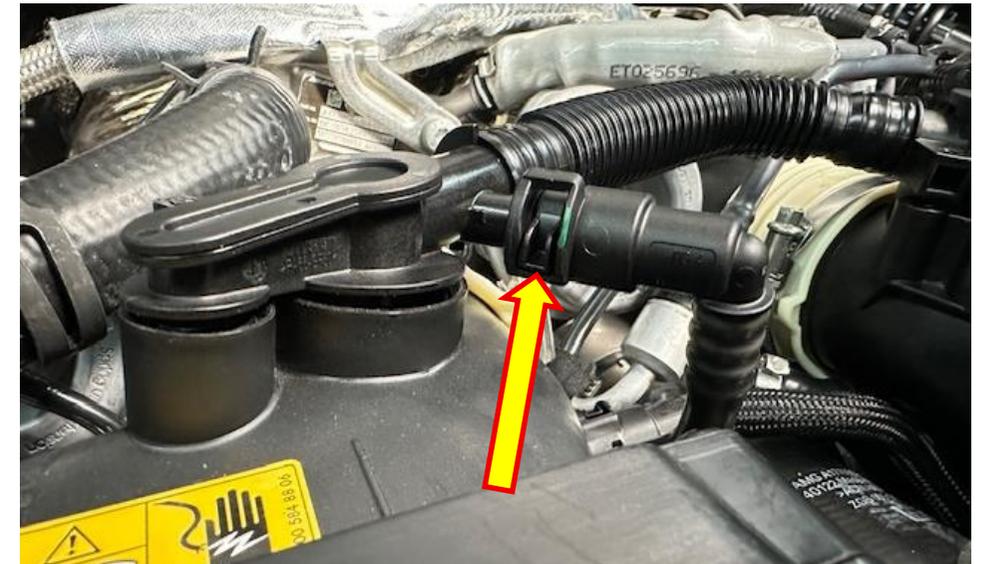
5. On the right side airbox, we will disconnect and remove this pipe – push this clip outwards and that will allow you to remove the pipe.



6. Push the clip outwards and remove the pipe.



7. Pipe removed.



8. Do the same for the pipe connected to the left side.



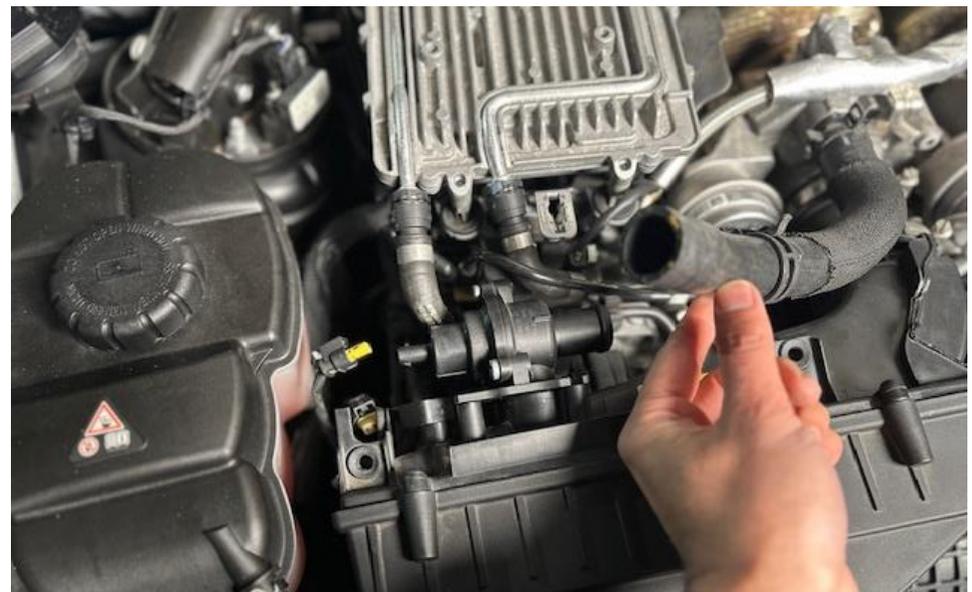
9. Now you can remove the breather assembly from the airboxes.



10. Now remove the breather line on the right side from behind the oil filler cap. Press the clip from both sides to release it.



11. Remove the spring clamp on the hose connected to the air valve module on the airbox. Move it down to allow you to remove the hose from the module.



12. Remove the hose from the module on both sides.



13. Disconnect the module plug and the MAP sensor plug which is under the module. Do this for both sides.



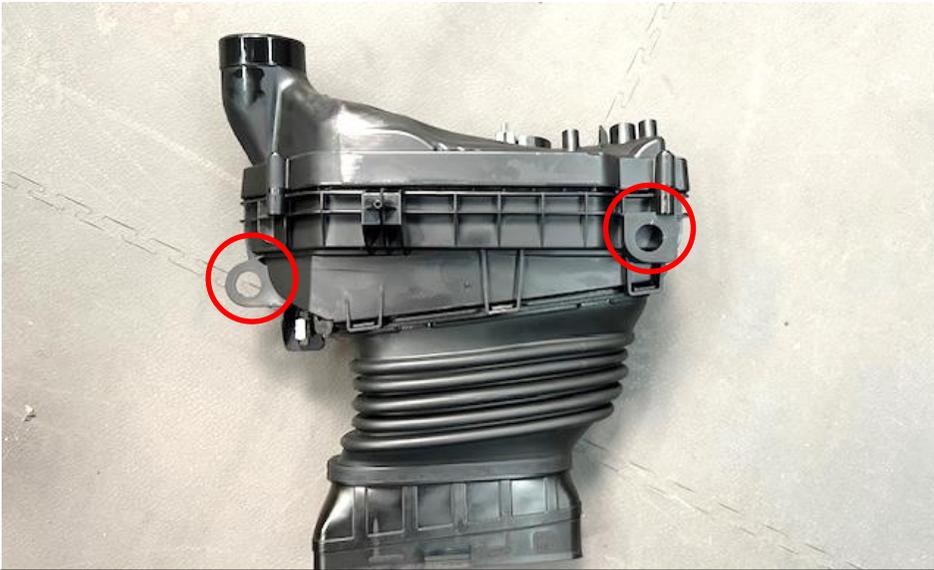
14. Loosen the hose clamps around the airboxes at the turbo inlets.



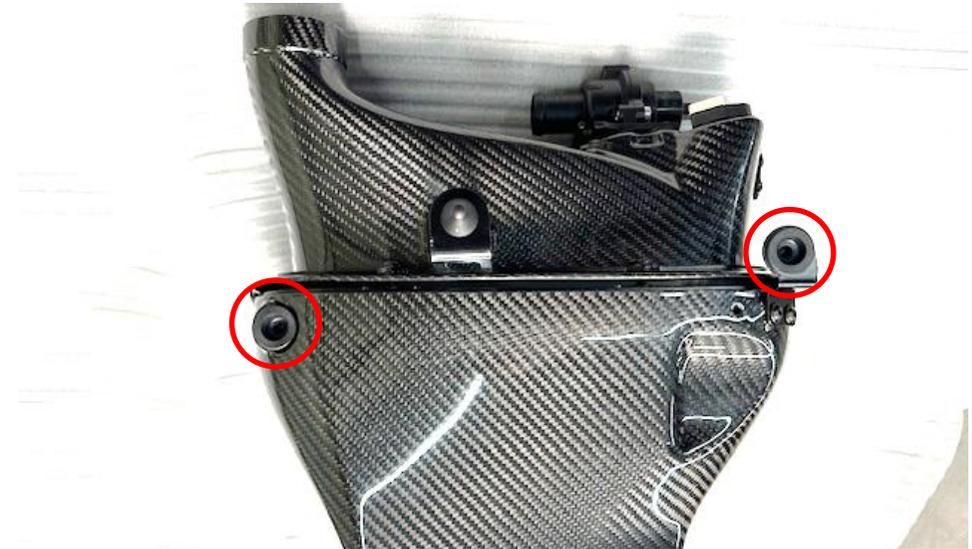
15. Remove the ducts from the air feed – depress the tabs through the slits of the ducts to allow you to remove them.



16. You can now remove the airbox assembly by lifting it upwards to disengage from the rubber mounts and then pulling away from the turbos.



17. Remove 2 rubber mounts from each airbox.



18. Insert the rubber mounts into the base of each Carbon assembly. One directly into the carbon and the other into the bracket as shown. For the other airbox, both mounts go into the carbon.



19. Take a 5mm drill bit and enlarge these holes on the breather module previously removed.



20. Remove the 3 screws holding the module to the OEM airbox and also the single screw holding the MAP sensor. Remove the module and the MAP sensor from the airbox.

M5x16mm



M5x20mm



21. In the kit there are 8 x M5x20mm screws and 4 x M5x16mm screws.

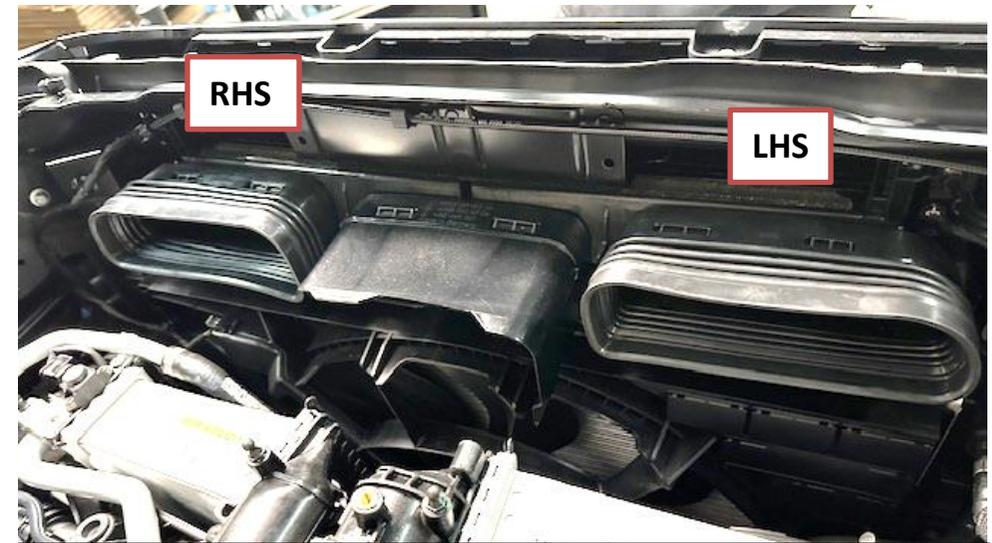
22. Take 8 of the M5x20mm screws and secure the module and MAP boss to each airbox. Each airbox will require 4 screws. **DO NOT USE THE OEM SCREWS.**



23. Remove a metal clip from each OEM airbox. They can be removed by squeezing them from underneath and pushing out.

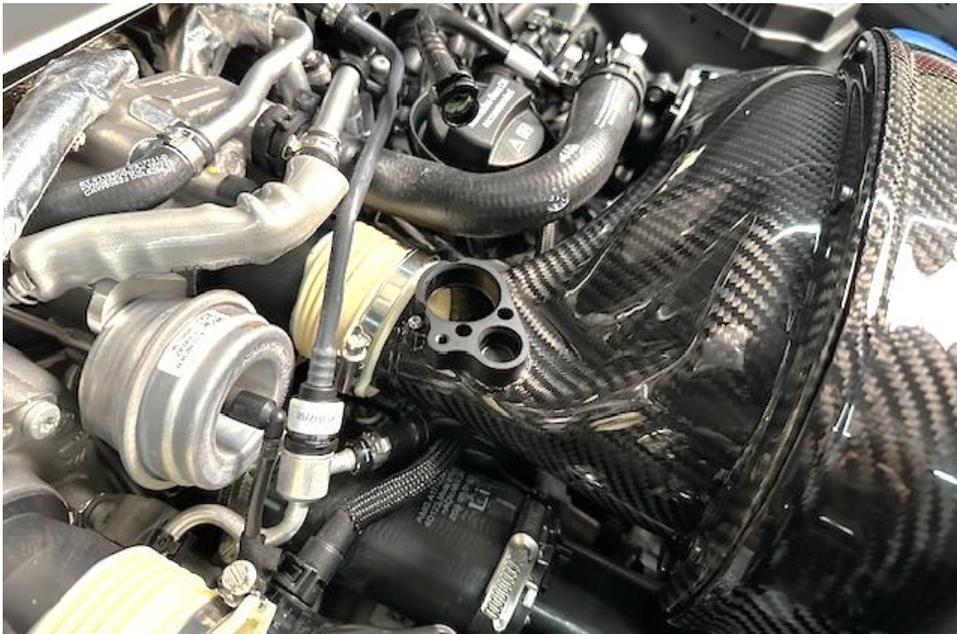


24. Insert into the brackets on both carbon airboxes as shown.



25. Identify the LHS and RHS flexible couplers. There is a straight side and a curved side. The straight side sits towards the middle of the engine bay.

26. Install them as shown.

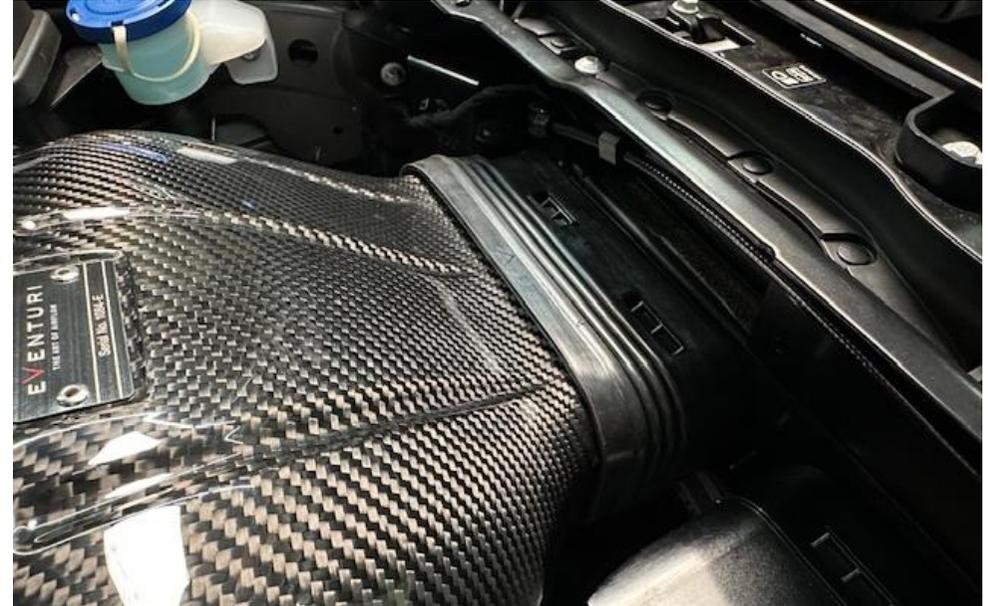


27. Take the RHS airbox and push it into the turbo inlet – make sure the hose clamp is very loose.

28. As you rotate the airbox down, pull the flexible coupler back to allow the airbox to get into position.



29. Before fully locating the airbox down into the rubber mounts, make sure it is fully inside the OEM coupler as shown. The coupler should be touching the breather mount.



30. Pull the flexible coupler around the airbox as you bring it down fully and locate the rubber mounts previously installed into their locations.



31. Ensure the intake is fully located into the OEM coupler as shown.



32. Locate the airbox into the mounts on both sides where the rubber mounts were inserted.



33. Reconnect the Air module and MAP sensor plugs and click the lock tab on both.



34. Push the hose back into the air module. Secure it with the spring clamp.



35. Tighten the hose clamp – DO NOT OVERTIGHTEN. It just needs to be hand tight.



36. Reconnect the breather hose removed in step 10.



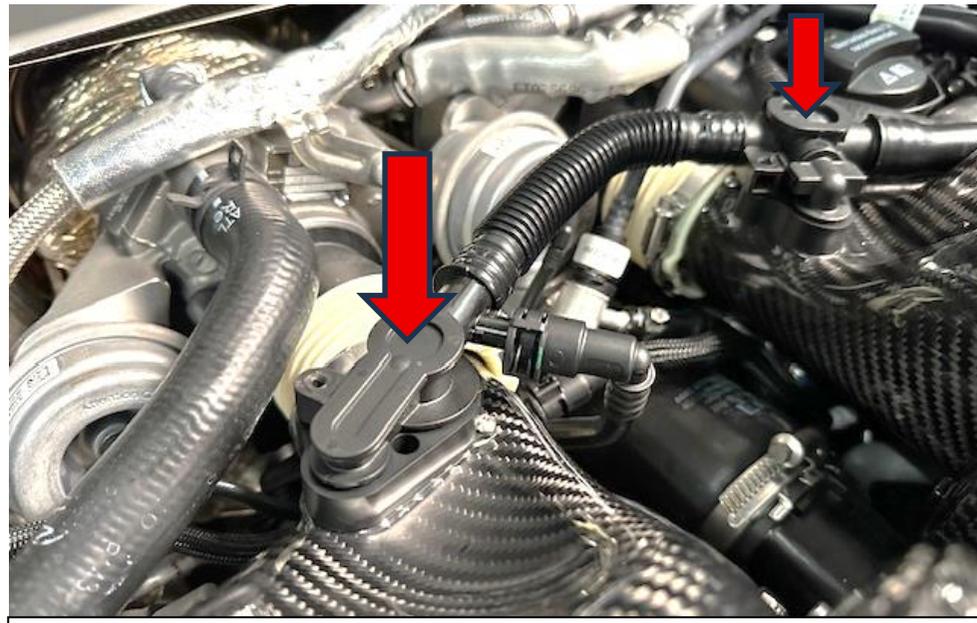
37. Install the LHS airbox in the same way, it should look like this in the OEM coupler. Tighten the hose clamp. **DO NOT OVERTIGHTEN.** It just needs to be hand tight.



38. Take the complete breather pipe assembly previously removed and reconnect the hoses to it.



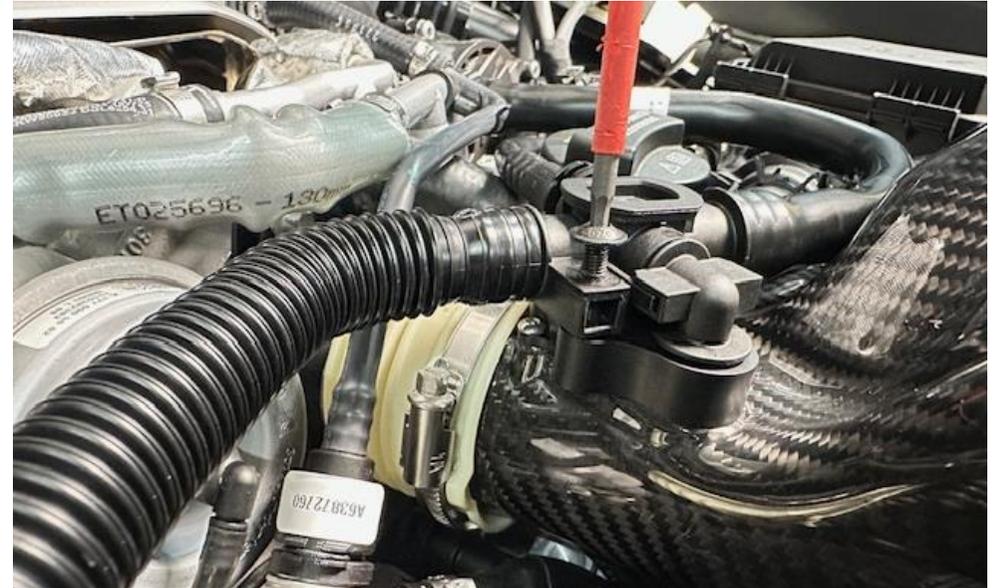
39. Reconnect the other hose to it as removed in step 8.



40. Push the breather assembly down into the airbox breather ports. They should go all the way in on both airboxes. Use a small amount of lubrication if required.



41. Now take 2 of the M5x16mm screws from the kit.



42. Secure both breather modules to the airbox using these screws. **DO NOT USE THE OEM SCREWS.** These holes should be drilled out to 5mm as previously stated.



43. The installation should look like this with all the breather hoses attached.



44. Now install the engine cover. It uses the same mounts as the OEM cover. You can also transfer over the engine build badge.



You have now completed the installation of the Eventuri G63 W465 AMG System.

Eventuri cannot take responsibility for an incorrectly installed intake or any damage caused during installation.