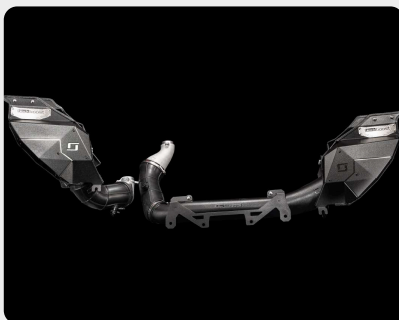


BMW M4/M3/M2 G8 Cold Air Intake System

SKU: BBCAIS033



Thank you for purchasing the Mercedes BMW M4/M3/M2 G8 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. Synthetic Composite Intake Pipe (Long)	-	1
2. Synthetic Rubber Coupler (Long)	-	1
3. Synthetic Rubber Pipe (Short)	-	1
4. Powder-coated Airbox	-	2
5. Powder-coated Filter Covers	-	2
6. Logo Plates	-	2
7. Aluminium Casted Turbo Elbows	-	2
8. Twin Flow Dry Filters with clamps	-	2
9. Aluminium Ring Brackets	-	2
10. Aluminium Mounting bracket	-	1
11. Strut brace spacer	-	1



Compatibility

BMW M4/M3/M2 G8 - S58 3.0L I6 TT - 2020+

Caution: Make sure the engine bay is cooled down.



Tools Required

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

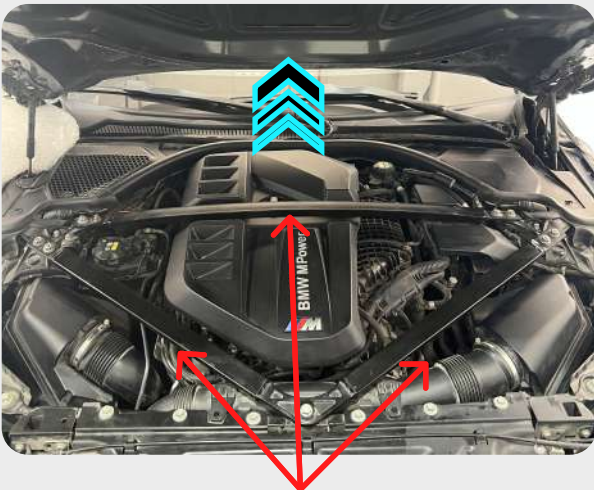
PPE

1. Gloves
2. Safety Glasses

OEM Air Box Removal

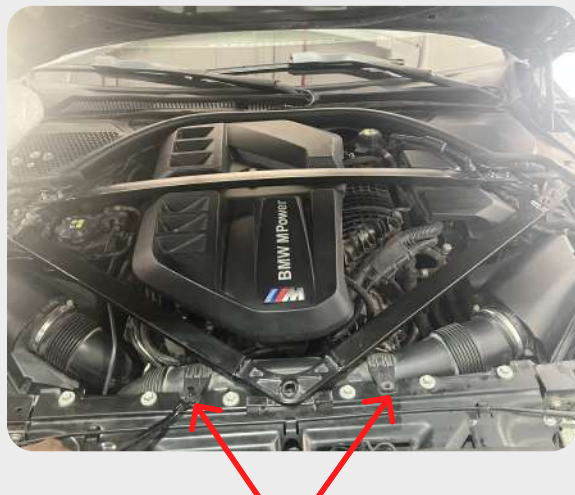
Step 1

Remove strut braces and engine cover.



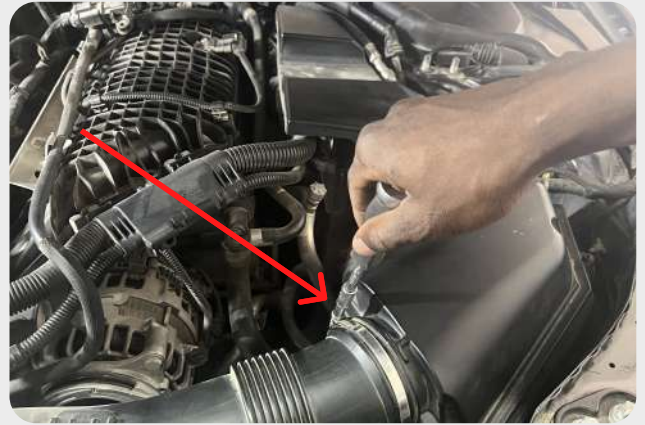
Step 2

Using the pry tool remove the retainer clips of the long pipe as shown below.



Step 3

Loosen the OEM intake pipes as shown below.



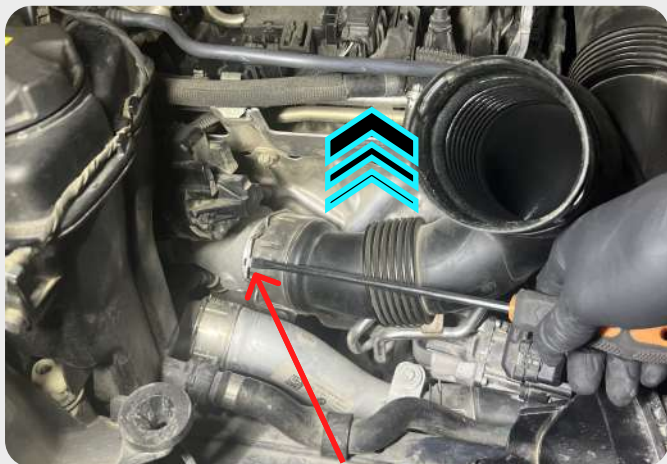
Step 4

Remove the OEM intake pipes from the OEM intake box. Then gently wiggle the OEM intake boxes to remove those from the rubber grommets and take them out. (the rubber grommets are installed to chassis brackets, on which the OEM intake boxes are retained)



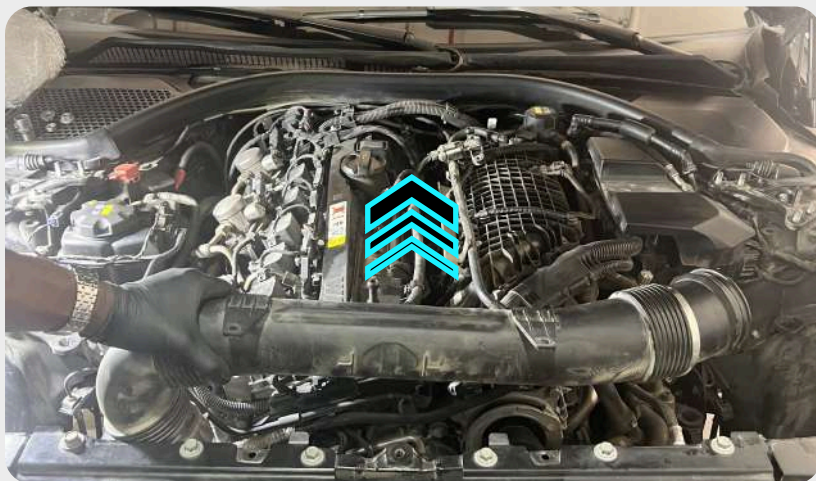
Step 5

Remove the short intake pipe from the turbo elbow by pulling out the retainer metal clip as shown in the image below. Then take it out.



Step 6

Remove the long intake pipe from the turbo elbow by pulling out the retainer metal clip as shown in the image below. Then take it out.



Step 7

Remove the turbo elbow shown in the below image by unscrewing the two screws. Then take it out.

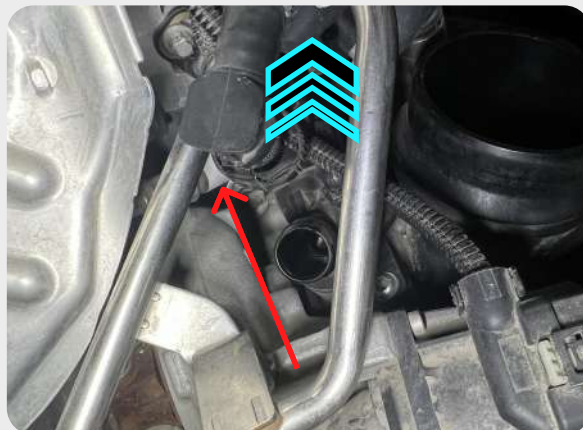


Step 8

Remove the breather line connection shown in the image below and move it away by releasing it from the holding clips shown below.



In order to remove the breather line, squeeze the pointed clip from both sides and pull it up.

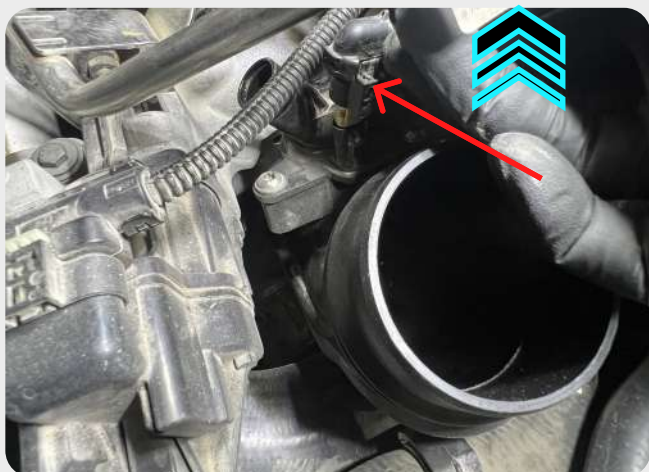


Pull out the breather line from the holding clips as shown in the image below and move it away to get more room to work.



Step 9

Unplug the sensor as shown in the image below.



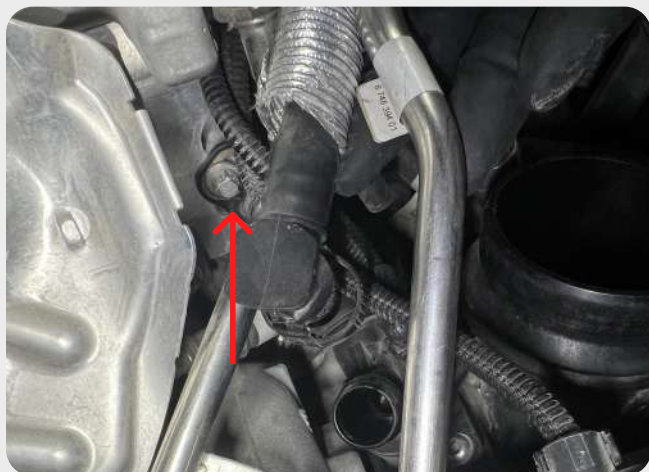
Step 10

Remove the CCV adaptor assembly by unscrewing two screws shown in the image below.



Step 11

Unscrew the breather hose mounting screw shown in the image below.



Step 12

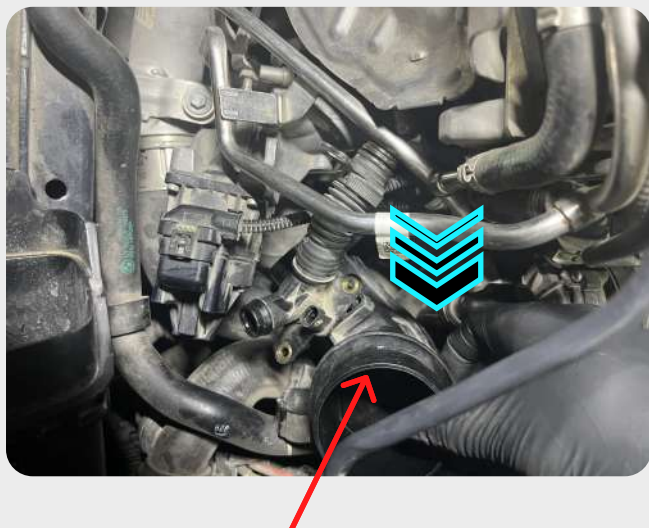
Remove the two turbo elbow screws which connect the elbow to the turbo.



Step 13

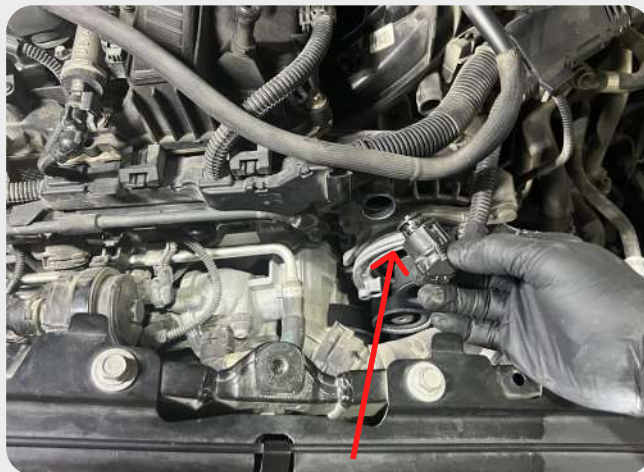
Take out the Turbo elbow with the CCV assembly by slightly rotating the elbow in the anti-clock direction and pull it out.

Note: Anti-clock direction rotating is need to release the breather line of the CCV assembly to release from the engine block.



Step 14

Remove the electrical socket/plug shown in the image below to gain more room to work during the installation of the blackboost intake.



BlackBoost Cold Air Intake Installation



Please note that the BlackBoost intake's pipe orientation is crossed compared to the OEM pipe orientation. Refer to the above Image.

Step 1

Install the BlackBoost turbo elbow using the screws as shown below.



Step 2

Remove the metal shim from the OEM elbow and insert it to the BlackBoost turbo elbow, on which the CCV adapter is connected.



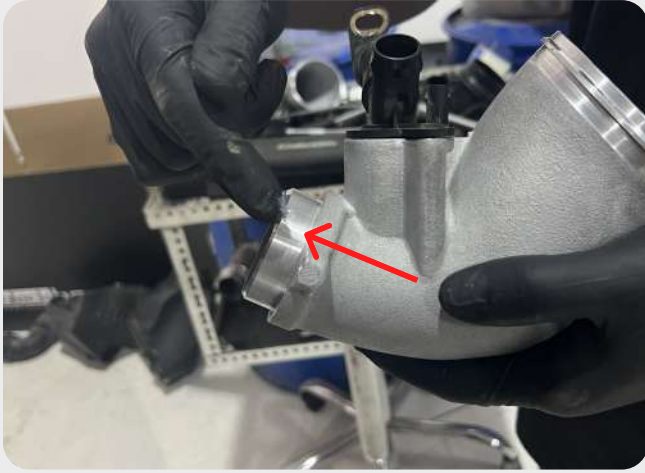
Step 3

Then place the CCV adapter before installing the turbo as shown below.



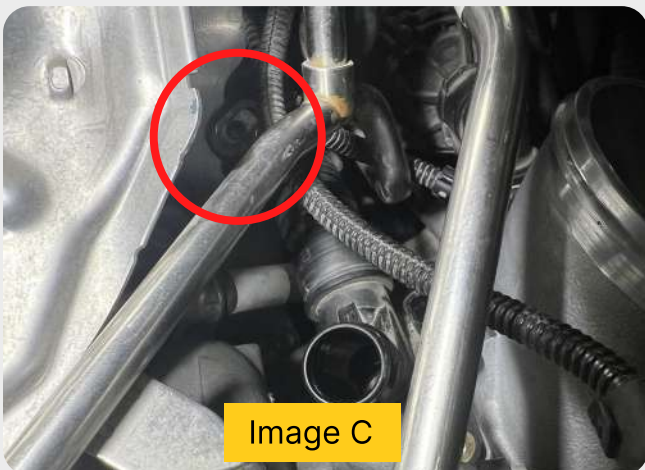
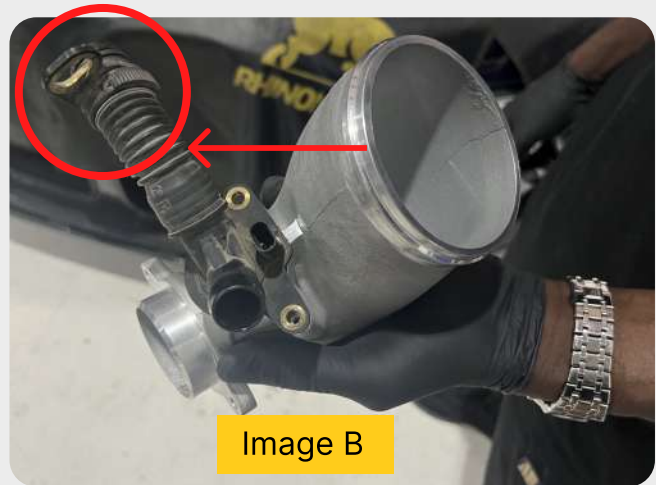
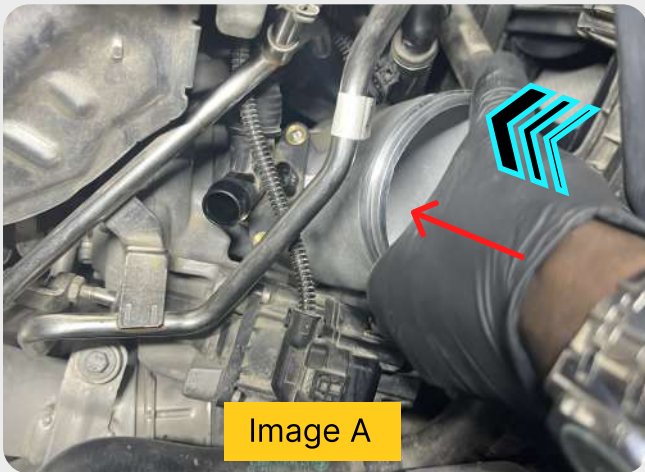
Step 4

Apply some lubricant on to the surface shown in the below image.



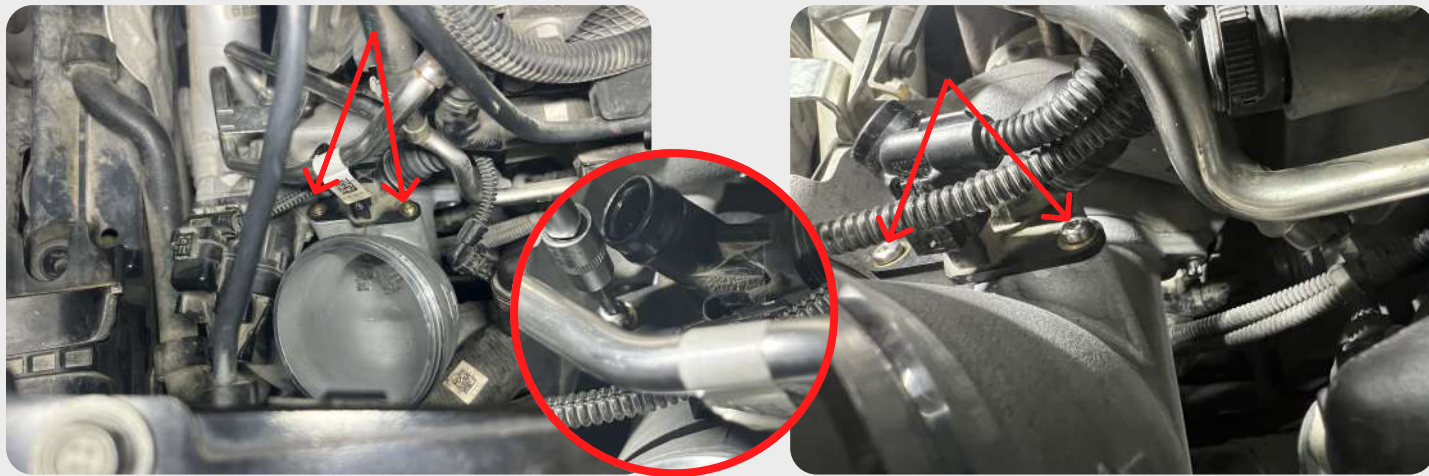
Step 5

Install the elbow to the turbo while making sure the hose shown in Image "B" is getting installed to the engine block appropriately as shown in Image "C". Then tighten the screw as shown in image "D"



Step 6

Install the CCV adapter hose by tightening the screws.



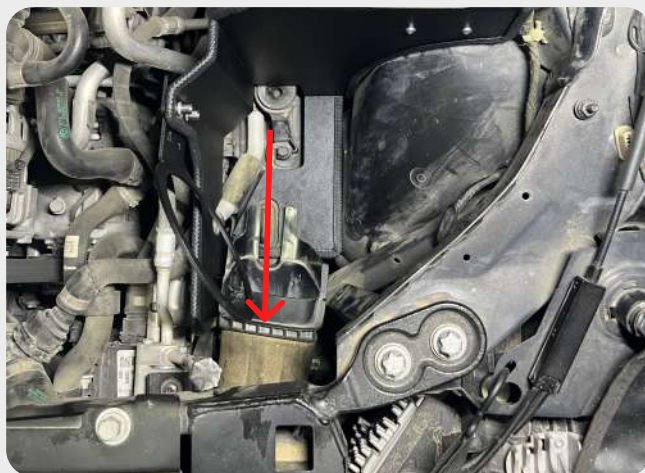
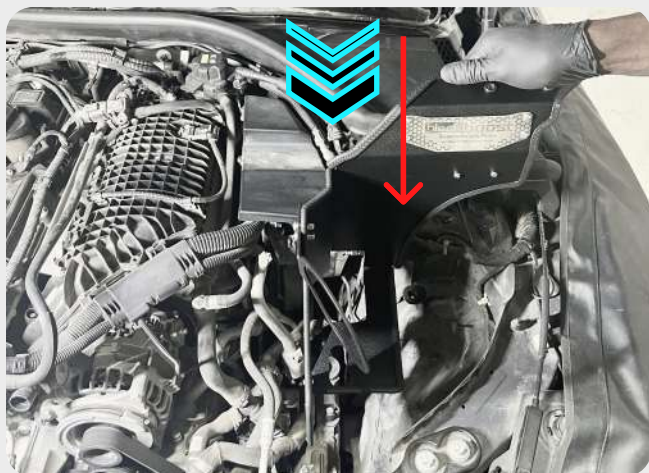
Step 7

Remove the OEM duct for ease of BlackBoost Airbox installation.



Step 8

Place the BlackBoost Airbox as shown below.



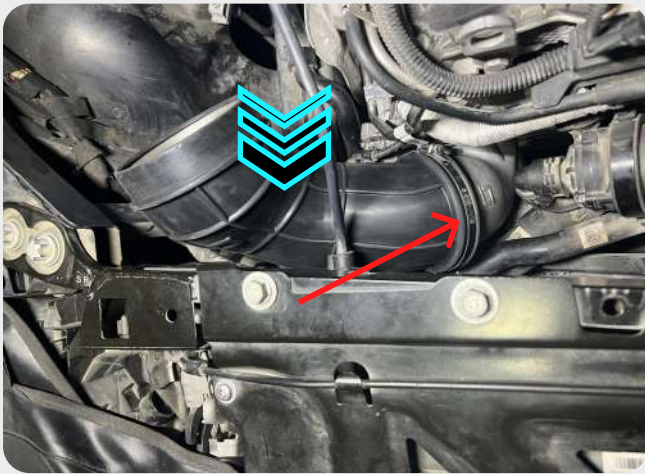
Step 9

Ensure the OEM inlet duct is on above the bottom panel of the BlackBoost Airbox.



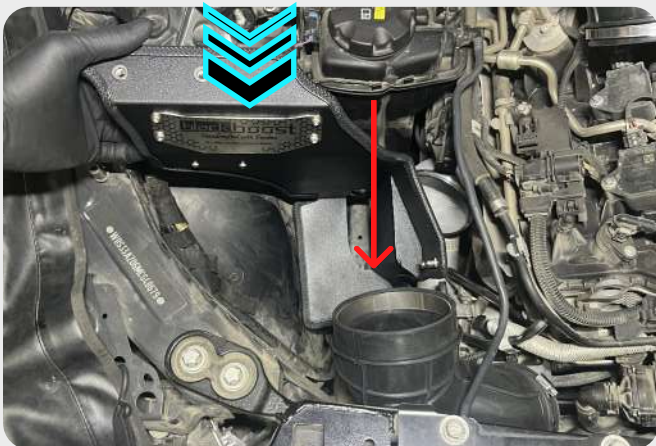
Step 10

Install the BlackBoost short pipe to the turbo elbow with CCV adapter as shown below. Please note that the BlackBoost intake's pipe orientation is crossed compared to the OEM pipe orientation. Refer to the Cover Image. Tighten the clamps.



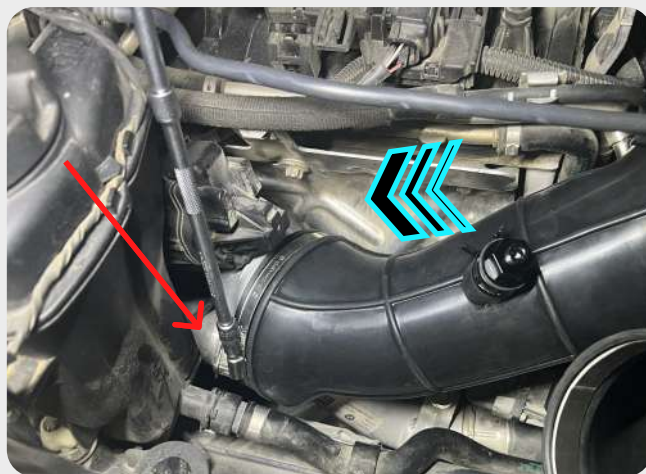
Step 11

Place the BlackBoost Airbox as shown below. Ensure the grommets are properly installed



Step 12

Install the BlackBoost coupler (BBCAIS033CP) to the turbo elbow as shown below.



Step 13

Ensure to place the BlackBoost coupler below the grey line.



Step 14

Tighten the short pipe's supporting brackets as shown below.



Step 15

Install the BlackBoost composite pipe as shown below. Use a rag to prevent any scratches on the pipe. **(Only hand tighten it and make extra care to make sure you don't over tighten it)**



Step 16

Plug the removed electrical socket/plug shown in the image.



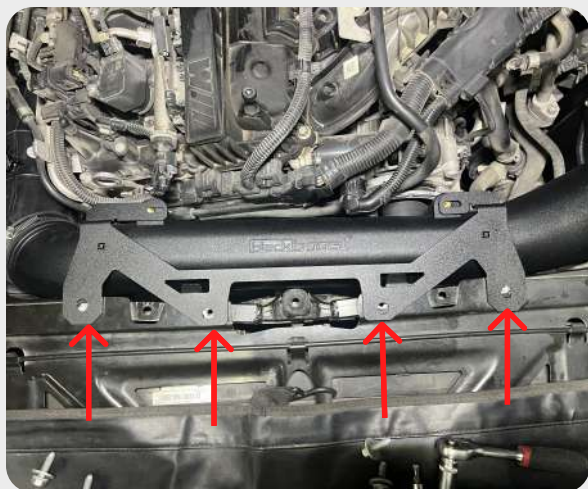
Step 17

Install the support bracket of the long pipe to the Airbox and tighten the screws as shown below.



Step 18

Remove the below shown 4 bolts in order to install the bracket.



Step 19

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



Step 20

Remove the below shown nut to install the filter covers.



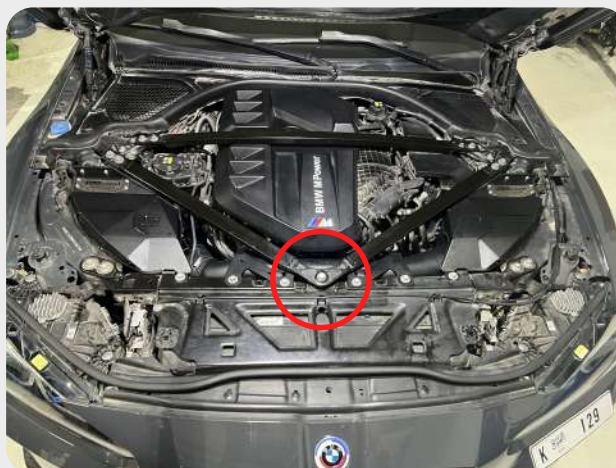
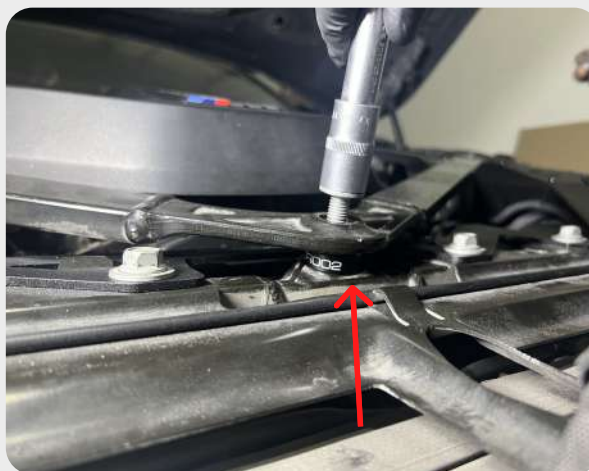
Step 21

Tighten the bolt and screws as shown below. Repeat the same on the other side of the Airbox.



Step 22

Install back the strut braces and the engine cover. Ensure to place the provided BlackBoost spacer the below strut brace before tightening the bolts.





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.*