

PERFORMANCE BY



INSTALLATION GUIDE

IE TURBO INLET PIPE FOR AUDI B9 / B9.5 S4 & S5

IEINCK4



This installation guide is for instructional purposes only. For best results, professional installation by an experienced technician is always recommended. By reading this guide you agree Integrated Engineering is not responsible for any damage or personal injury caused by incorrect installation.

DIFFICULTY



Expect 60 - 90 minutes on average

REQUIRED TOOLS

- T30 Torx Screwdriver/Socket
- Flat head screwdriver
- 5mm Allen key
- 4mm Allen Key
- Blue Loctite Thread-locker
- 13mm Deep Socket or Wrench

BEFORE YOU BEGIN

It is highly recommended to pre-read this entire guide ahead of your installation to familiarize yourself with each step. Always park your vehicle in a safe and level location and allow plenty of time for the engine bay and exhaust to completely cool. Locate and prepare your work space with each required tool listed above. Unbox all components and verify the contents and quantities before you begin. If anything is missing or damaged, please contact us for immediate help at support@performancebyie.com

SPECIAL NOTE:

This install guide has been photographed and written on a 2019 Audi B9 S4. Some steps and factory hardware specifications may vary depending on vehicle model, year, and region. This guide is for reference purposes only. If you are unsure of the installation procedure for any individual step or part, please seek professional help before proceeding.



INCLUDED PARTS

- 01 - IE AUDI B9 S4 TURBO INLET (1X)
- 02 - TURBO INLET COMPRESSOR HOUSING ADAPTER (1X)
- 03 - COMPRESSOR HOUSING ADAPTER O-RING (2X)
- 04 - 5MM FLAT HEAD COMPRESSOR HOUSING ADAPTER BOLTS (2X)
- 05 - 4MM BUTTON HEAD INLET TO COMPRESSOR HOUSING BOLT (1X)
- 06 - SILICONE INTAKE HOSE (1X)
- 07 - 80-100MM HOSE CLAMPS (2X)
- 08 - M6 X 1MM STAINLESS FLAT HEAD SCREW 25MM LONG (1X)
- 09 - ALUMINUM RETAINER POST (1X)
- 10 - ALUMINUM ENGINE COVER MOUNT (2X)

Some items may be partially assembled.



1



Begin installation by removing the engine cover by pulling straight up off the four mounting grommets.

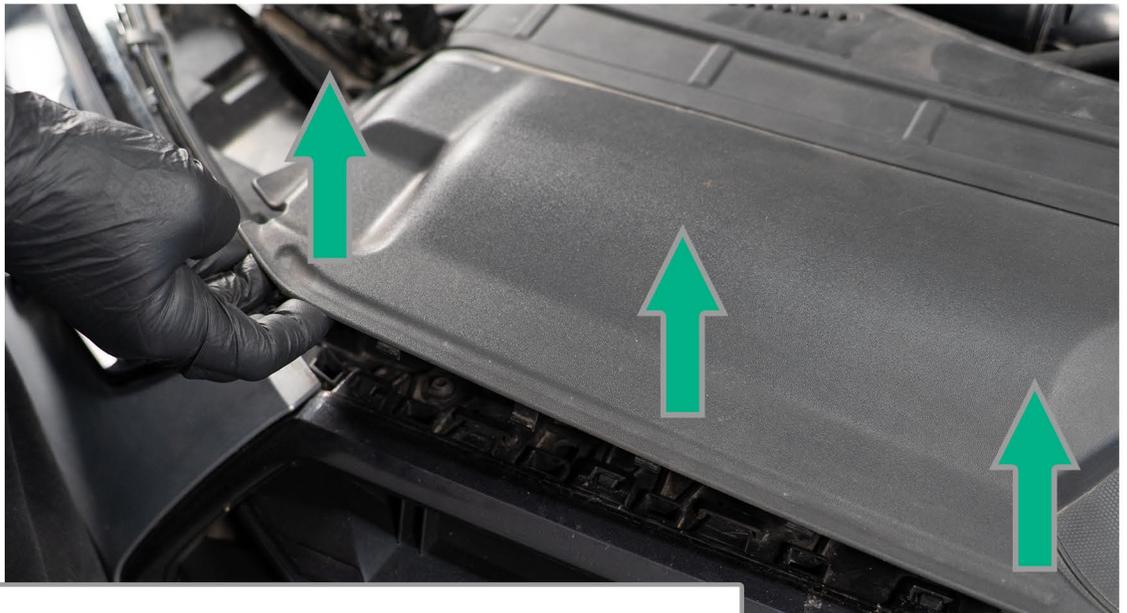
2



Remove the hood latch lever by pushing the release button on the back of the handle.



3



Remove the plastic radiator cover by pulling up on the front edge, then pulling straight towards the front of the vehicle.



4



Remove the two 5mm Allen bolts fastening the intake box to the radiator support.

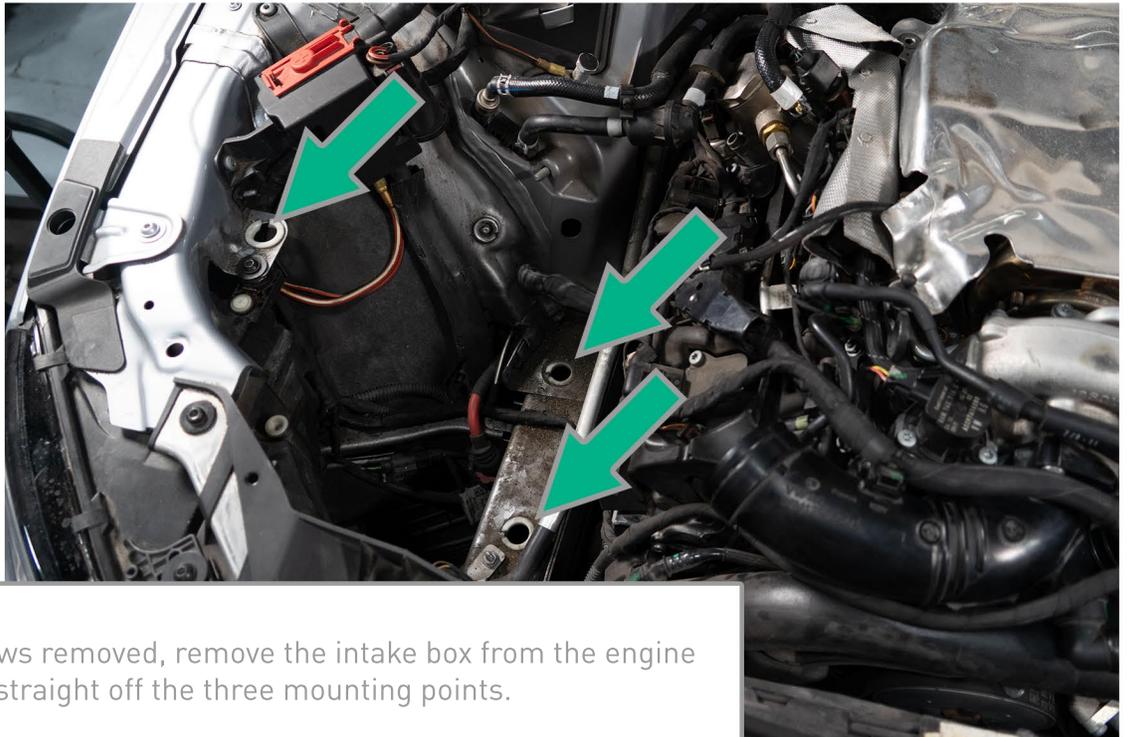


5



Loosen the two hose clamps on the plastic elbow by turning the screws counterclockwise and removing the elbow from the intake. (Pictured with previous silicone hose version).

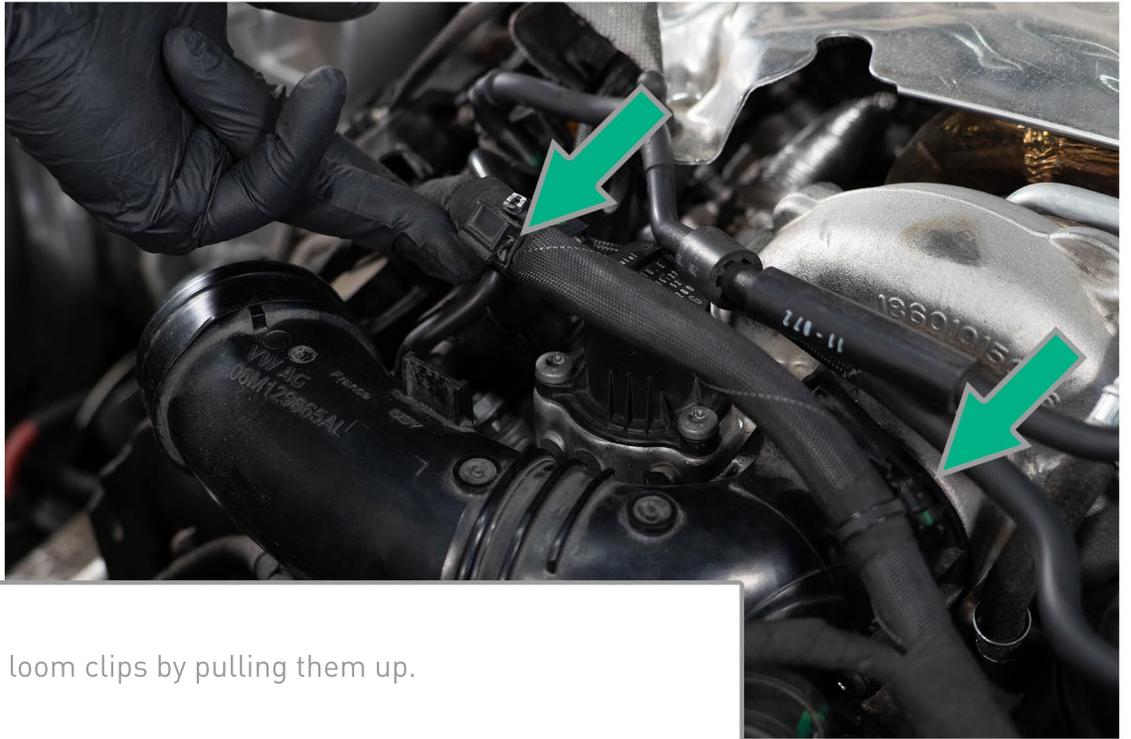
6



With all the screws removed, remove the intake box from the engine bay by pulling it straight off the three mounting points.

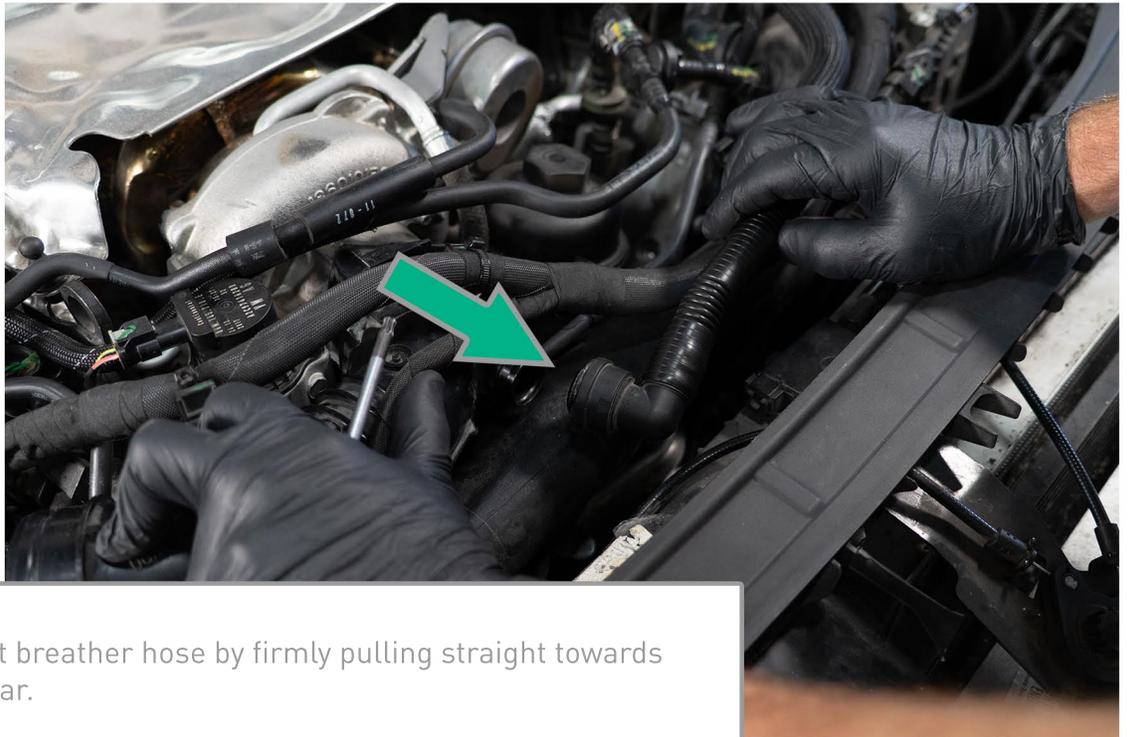


7



Remove the wire loom clips by pulling them up.

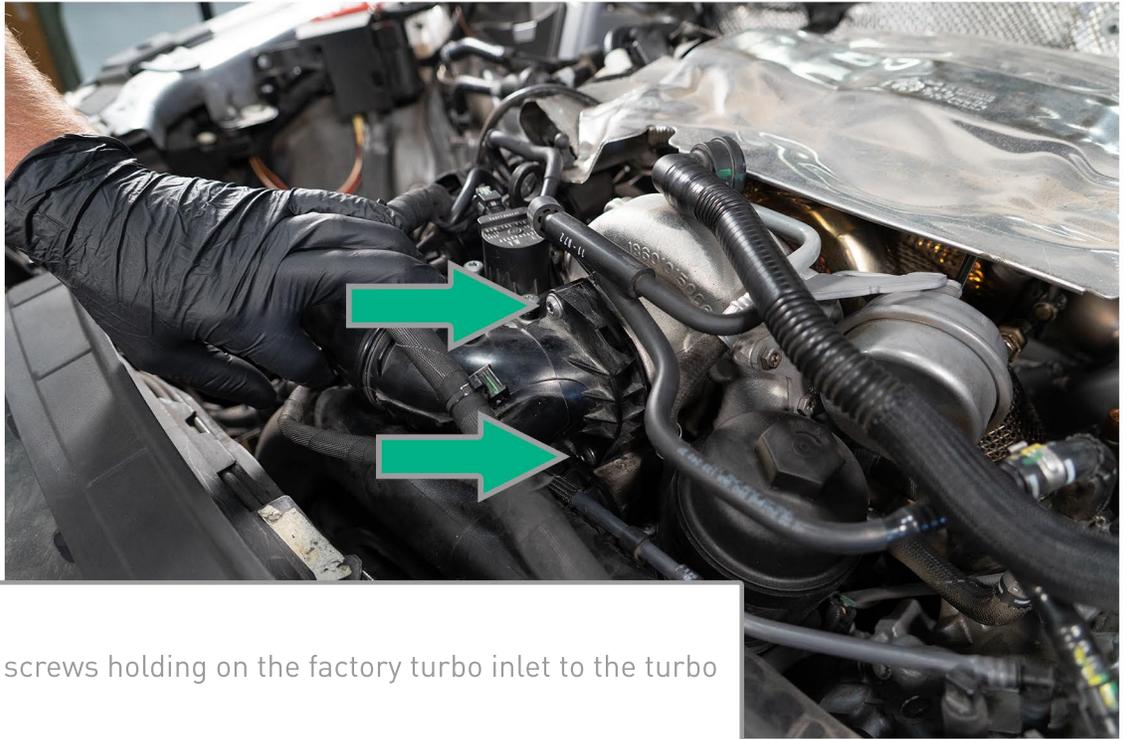
8



Remove the front breather hose by firmly pulling straight towards the front of the car.

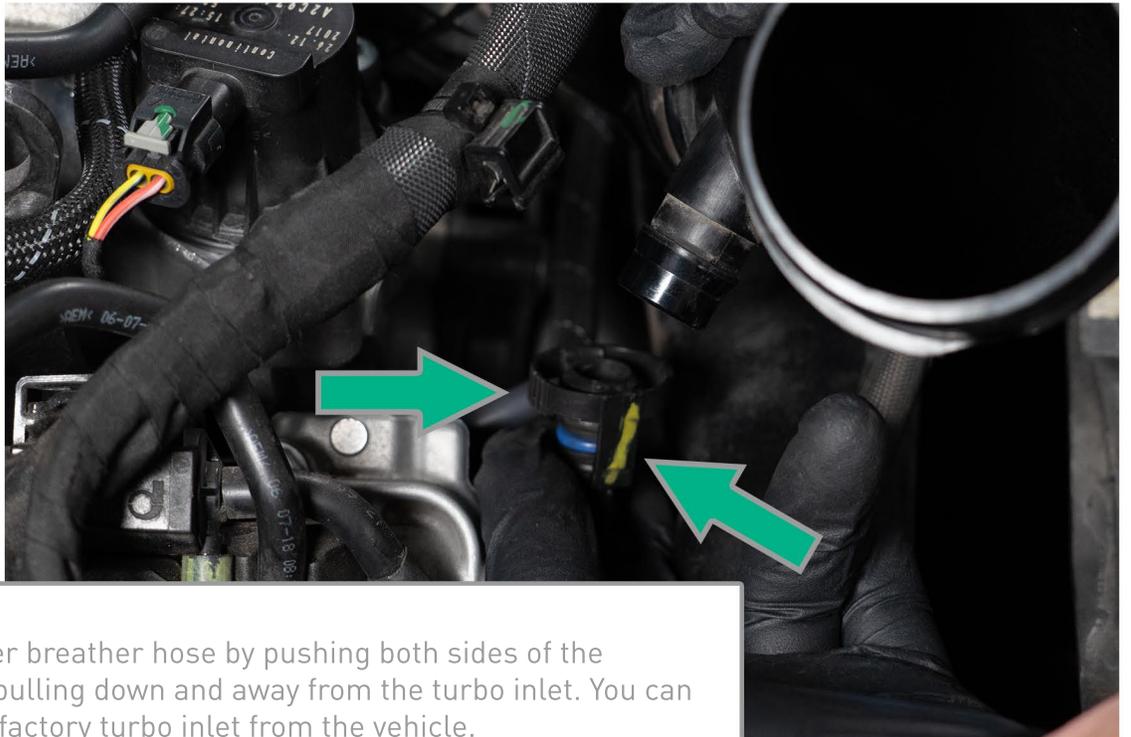


9



Remove two T30 screws holding on the factory turbo inlet to the turbo

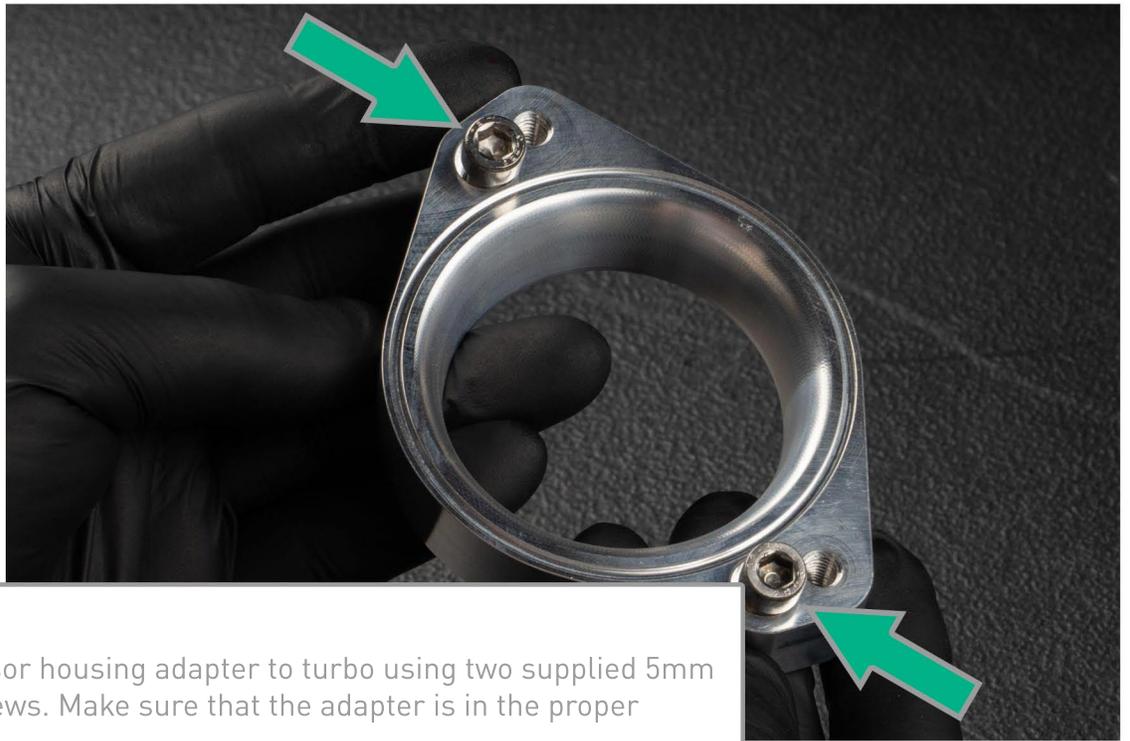
10



Remove the lower breather hose by pushing both sides of the release tab and pulling down and away from the turbo inlet. You can now remove the factory turbo inlet from the vehicle.



11



Install compressor housing adapter to turbo using two supplied 5mm socket head screws. Make sure that the adapter is in the proper orientation.

12



Install the retainer post by using the 25mm flat head 4mm screw



13



Install the o-ring on both sides of the inlet adapter.

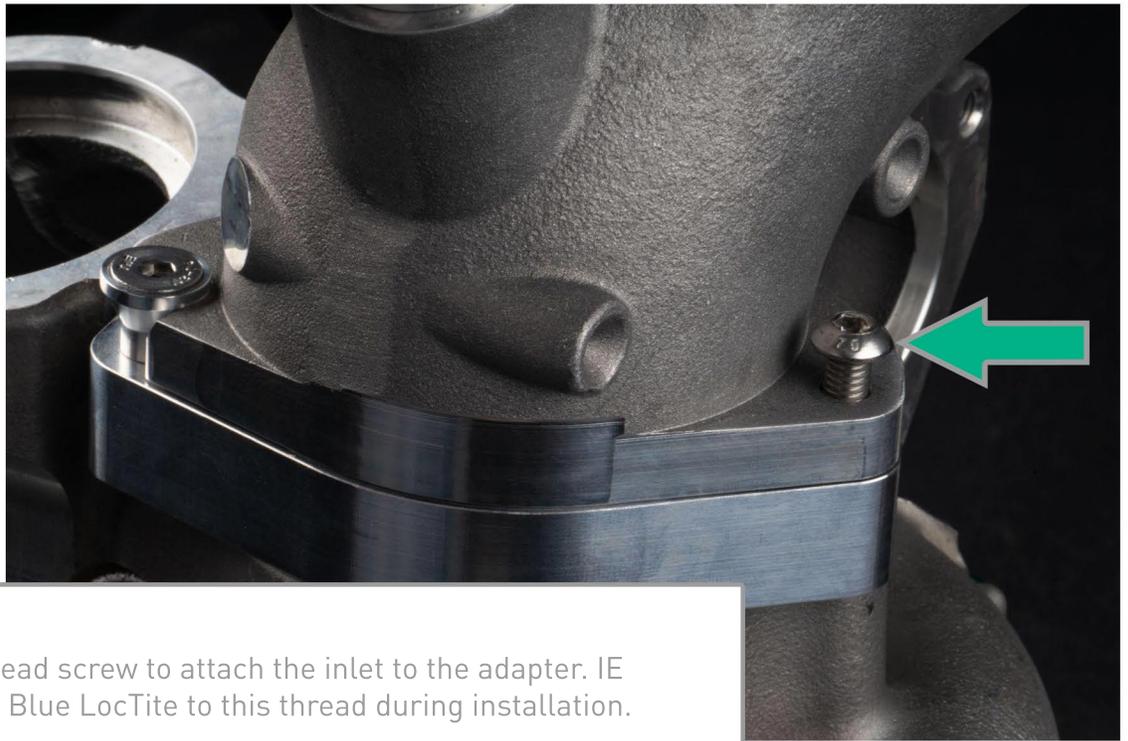
14



Install the inlet adapter to the turbo. Take care not to drop or pinch the o-ring between the turbo and inlet adapter, then slide the IE inlet onto the aluminum retainer post as shown. (shown-off vehicle for clarity)

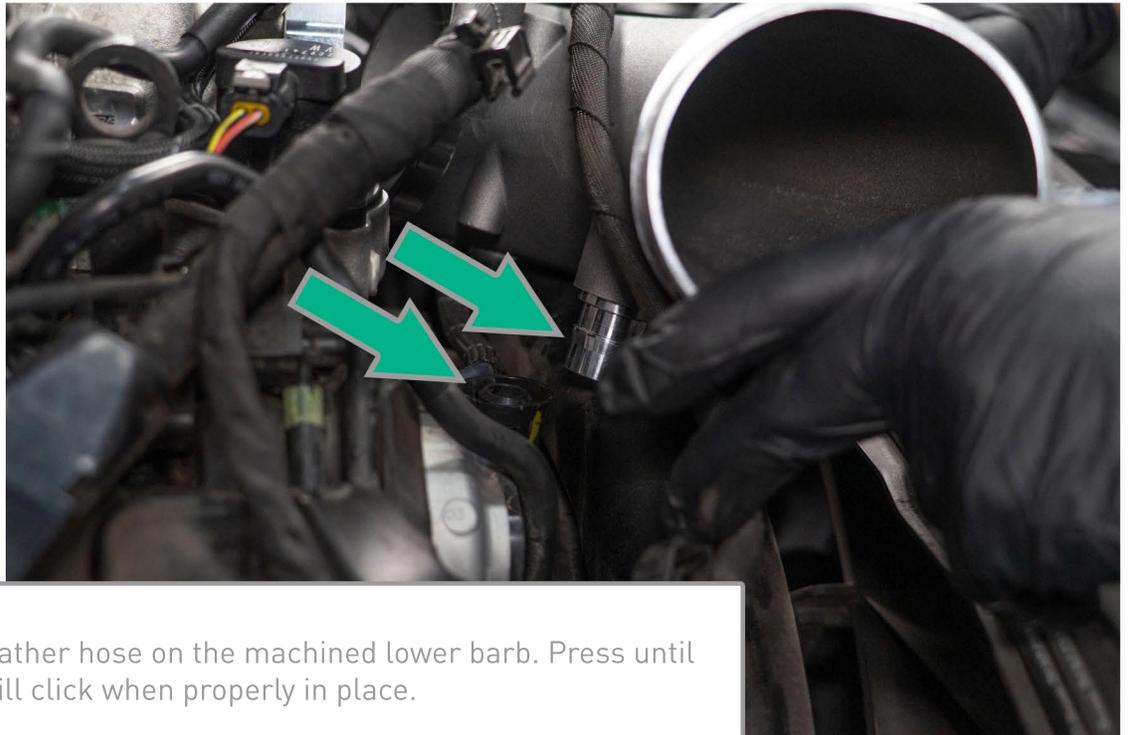


15



Use the button head screw to attach the inlet to the adapter. IE suggests adding Blue LocTite to this thread during installation.

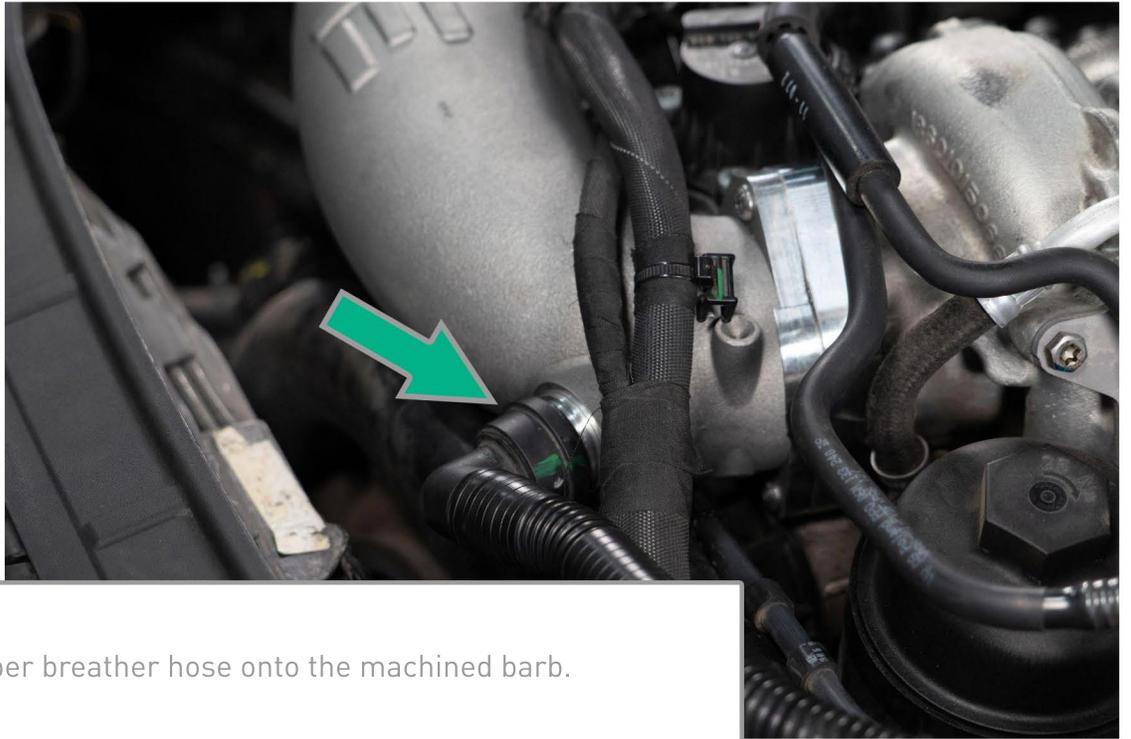
16



Install lower breather hose on the machined lower barb. Press until fully seated. It will click when properly in place.

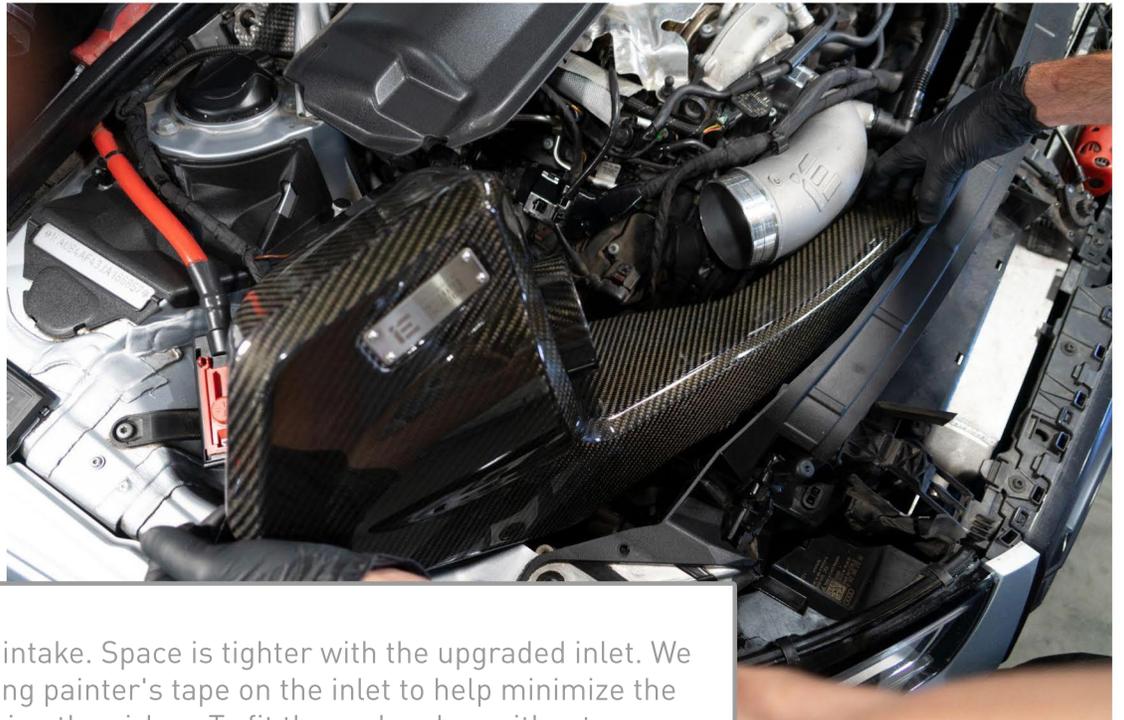


17



Reinstall the upper breather hose onto the machined barb.

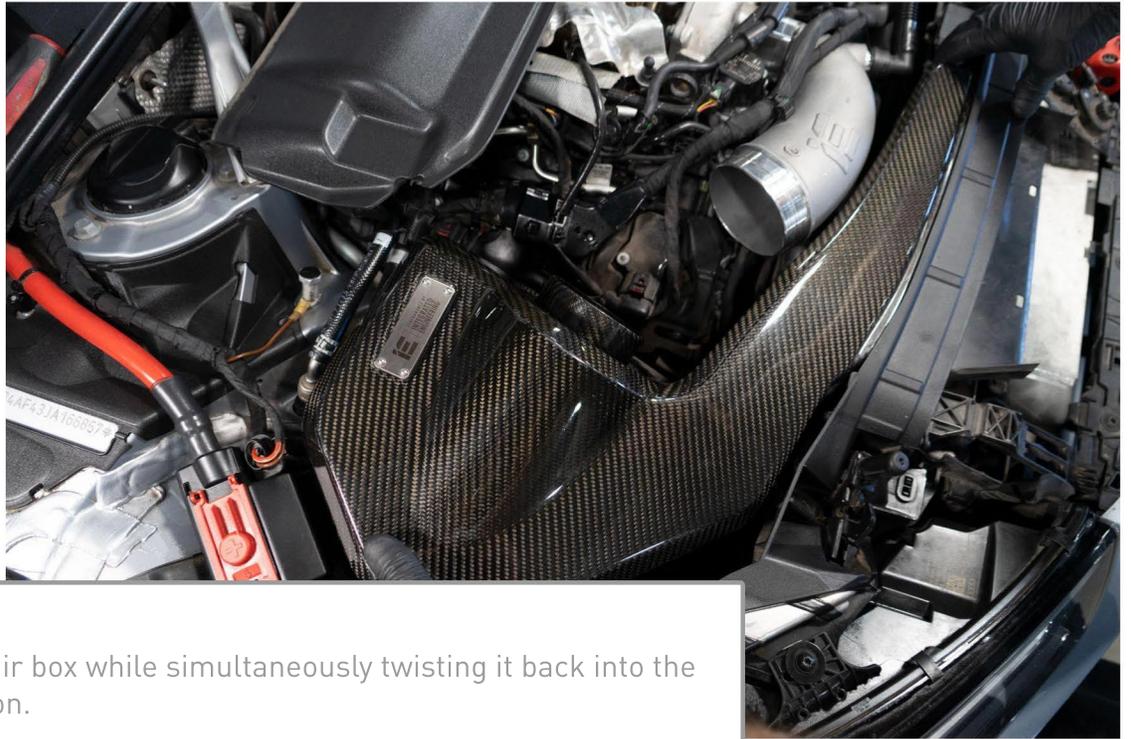
18



Reinstall Carbon intake. Space is tighter with the upgraded inlet. We recommend putting painter's tape on the inlet to help minimize the chance of scratching the airbox. To fit the carbon box without scratching it. First, turn the intake roughly 90 degrees towards you, then insert the pointed end of the intake into place.

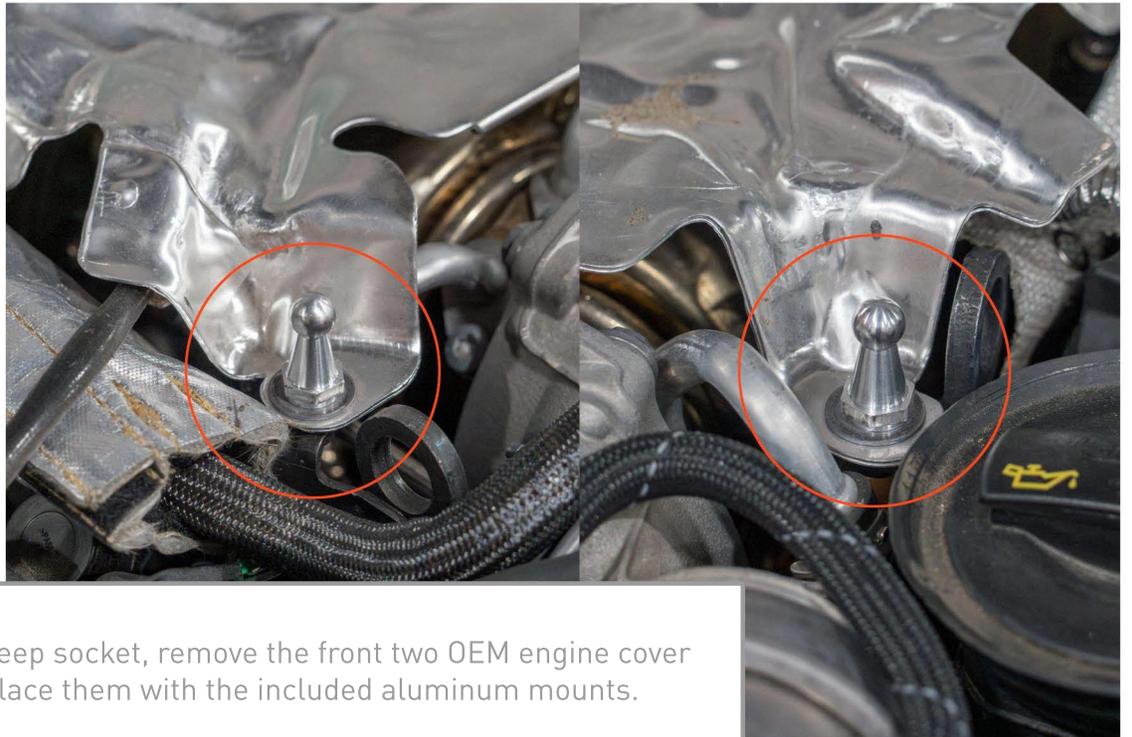


19



Then lower the air box while simultaneously twisting it back into the proper orientation.

20



Using a 13mm deep socket, remove the front two OEM engine cover mounts, and replace them with the included aluminum mounts.



21

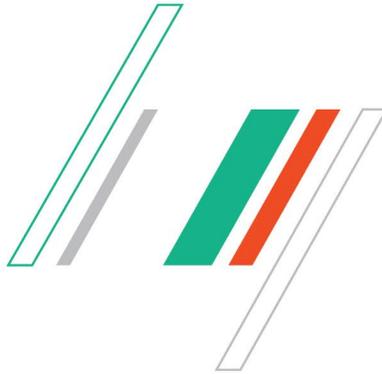


With the turbo inlet and the intake in place, reinstall the radiator Allen bolts, silicone elbow, hose clamps, radiator cover, hood latch, and engine cover. Enjoy your new IE Turbo Inlet Pipe!



ENJOY!

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HOW WAS YOUR INSTALL?



Stoked?

Awesome! Please leave a review.
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Bummed?

Sorry, let us make it right.
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