

PERFORMANCE BY



INSTALLATION GUIDE

iE Air Intake System For Audi SQ7, SQ8, RSQ8

IEINDE1



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 2 Hours on average

REQUIRED TOOLS

- Plastic Pry Tool
- T25, T30, 4mm, 5mm Sockets
- Flat Head Screwdriver
- Socket Extension

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

REQUIRED PARTS

- No additional parts are required for this install

OPTIONAL PARTS

- IE Audi 4.0T V8 EA825 ECU Tune (IES0WC11)

SPECIAL NOTE:

This install guide has been photographed and written on a 2024 RSQ 8. 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.



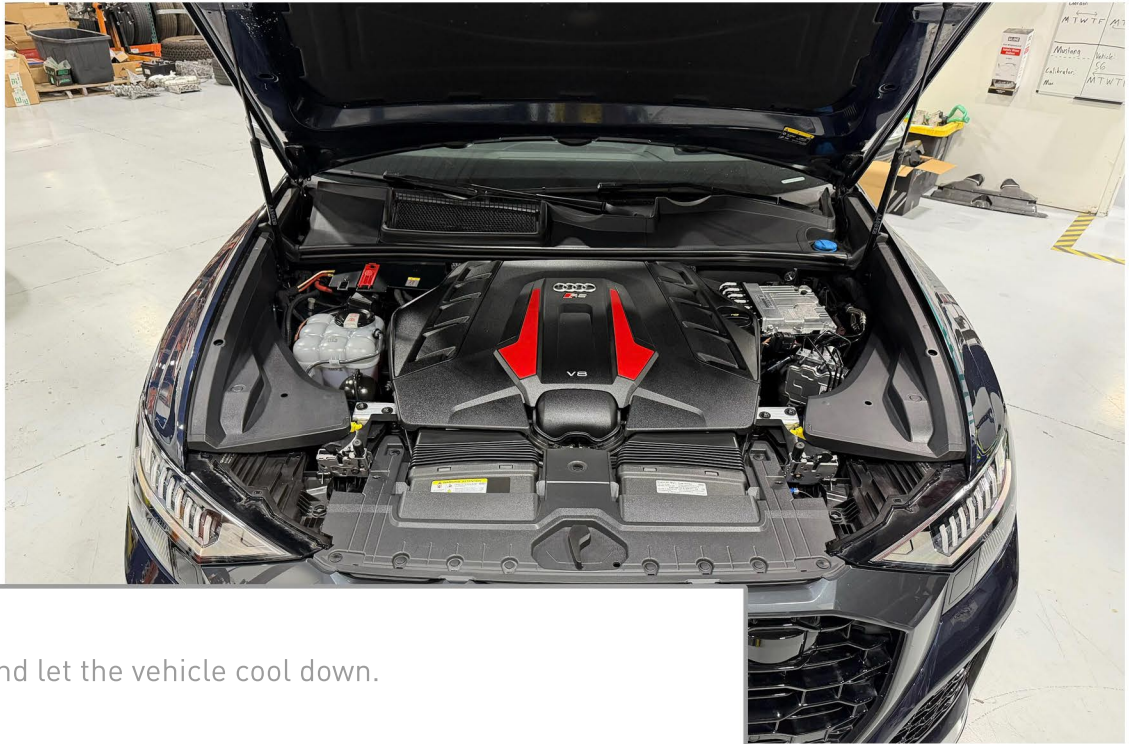
INCLUDED PARTS

- 01 - IEINDE1 Carbon Lid Assembly (1X)
- 02 - IEINDE1 Carbon Y-Pipe (1X)
- 03 - IEINDE1 Air Filter (1X)
- 04 - IEINDE1 Passenger Coupler Flange (1X)
- 05 - IEINDE1 Driver Coupler Flange (1X)
- 06 - PCV HOSE LEFT (1X)
- 07 - PCV HOSE RIGHT (1X)
- 08 - IEINDE1 Silicone Coupler (2X)
- 09 - SS Smooth-band Worm-drive Hose Clamp, 2-1/2" To 3-1/2" Clamp (4X)
- 10 - WORM-DRIVE CLAMP, 410 SS, 1/2" BAND WIDTH, 4-1/8" TO 7" ID (1X)
- 11 - Worm-Drive Clamp 301SS 17-27mm (2X)
- 12 - OIL-RESISTANT BUNA-N O-RING, 2MM WIDE, 65 MM ID (2X)
- 13 - Worm-Drive Clamp 301SS 16-25mm (2X)

Some items may be partially assembled.



1



Open the hood and let the vehicle cool down.

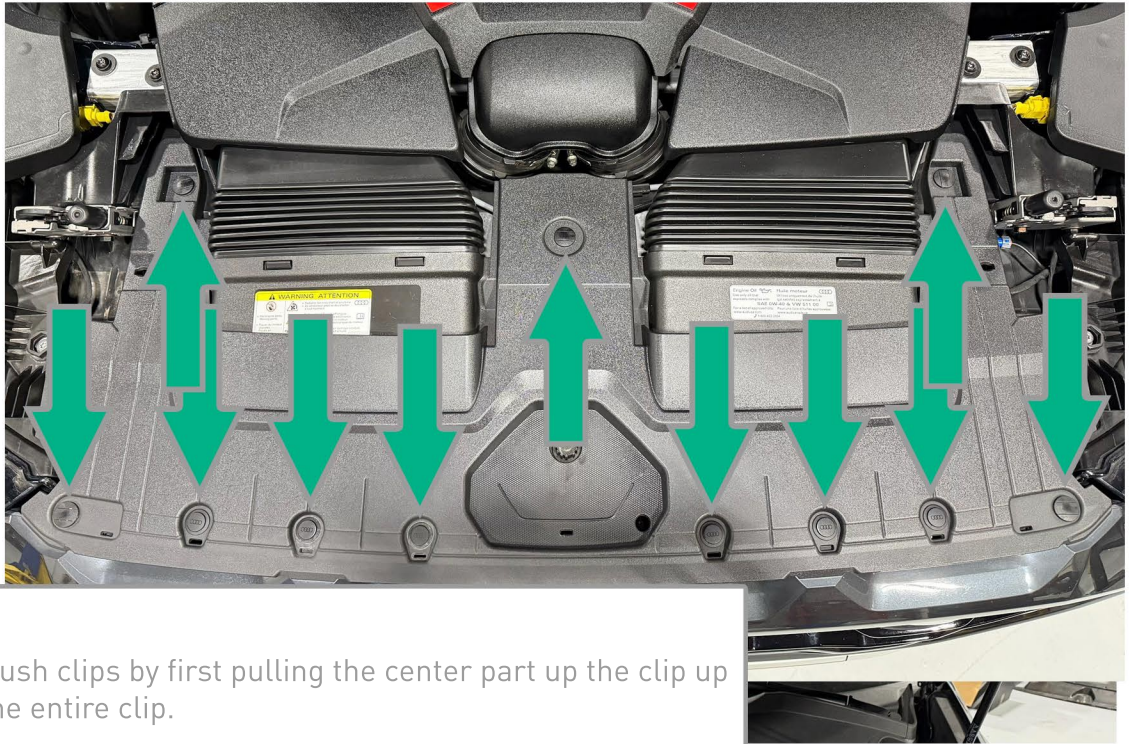
2



Remove the hood release lever by pressing in the tab on the backside of the lever and pulling straight up.



3



Remove the 11 push clips by first pulling the center part up the clip up then removing the entire clip.

4



You can now remove the front shroud by pulling up to release the tabs holding it to the front bumper and the air intake

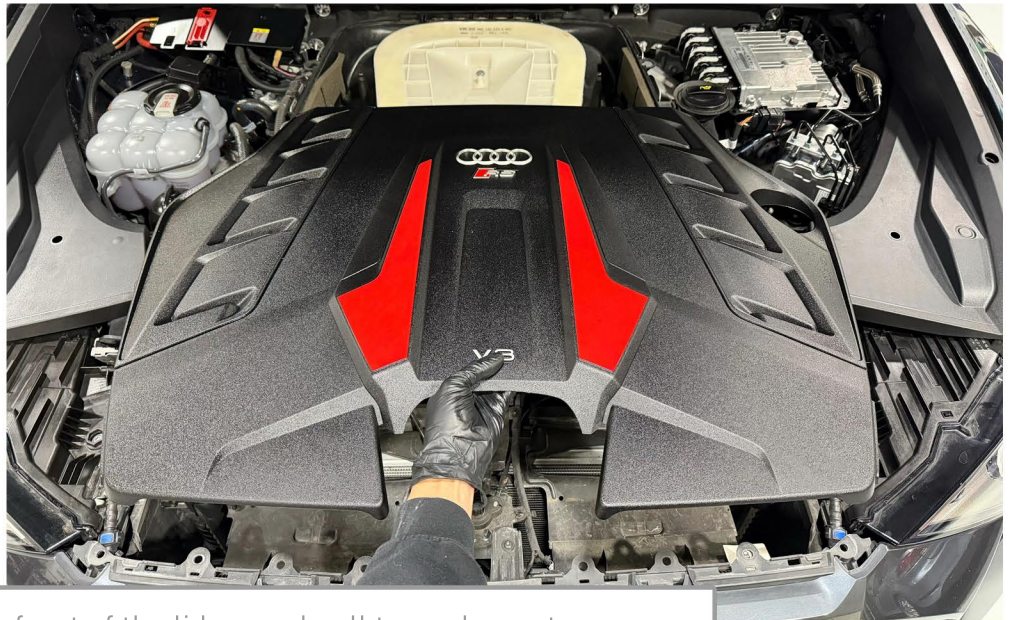


5



Pull the 2 metal securing tabs away from the intake lid. One on each side.

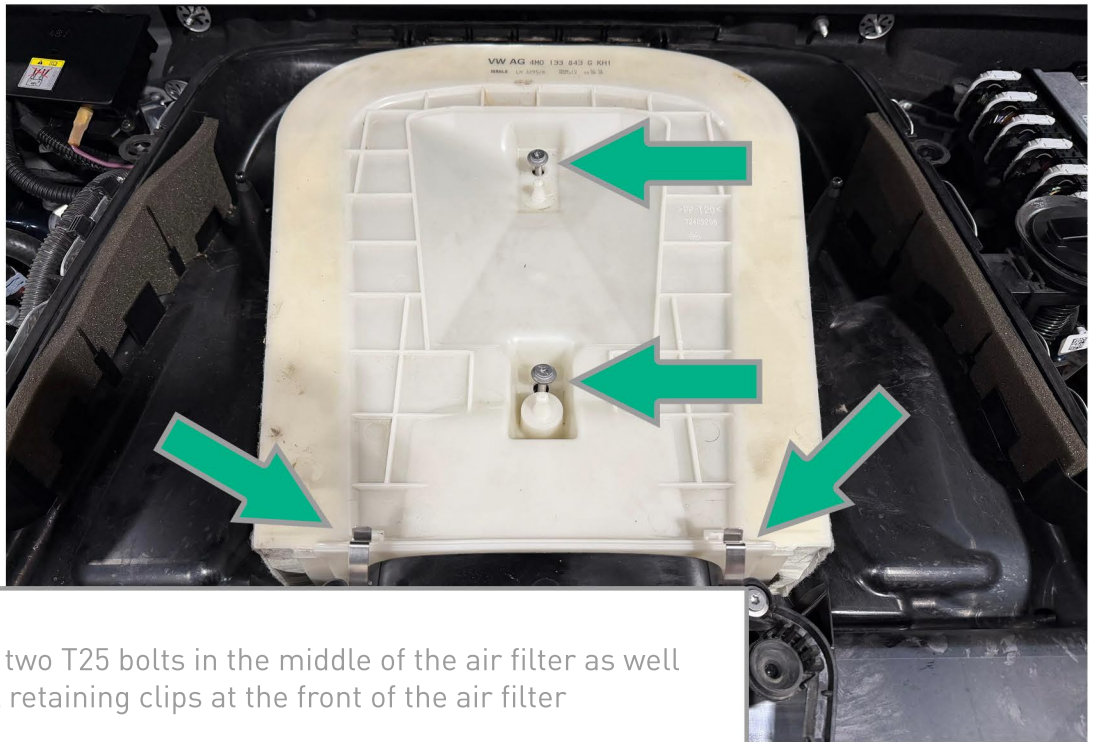
6



You can now lift the front of the lid up and pull towards you to unsecure the tabs located on the back of the intake lid

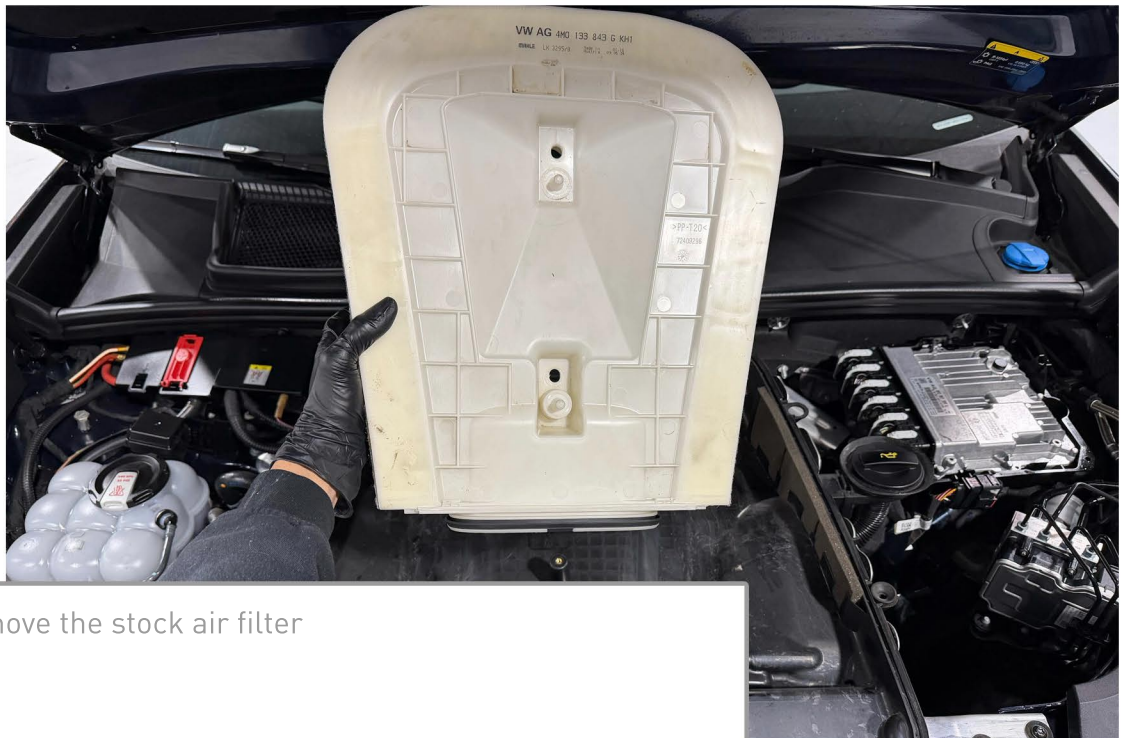


7



Now remove the two T25 bolts in the middle of the air filter as well as the two metal retaining clips at the front of the air filter

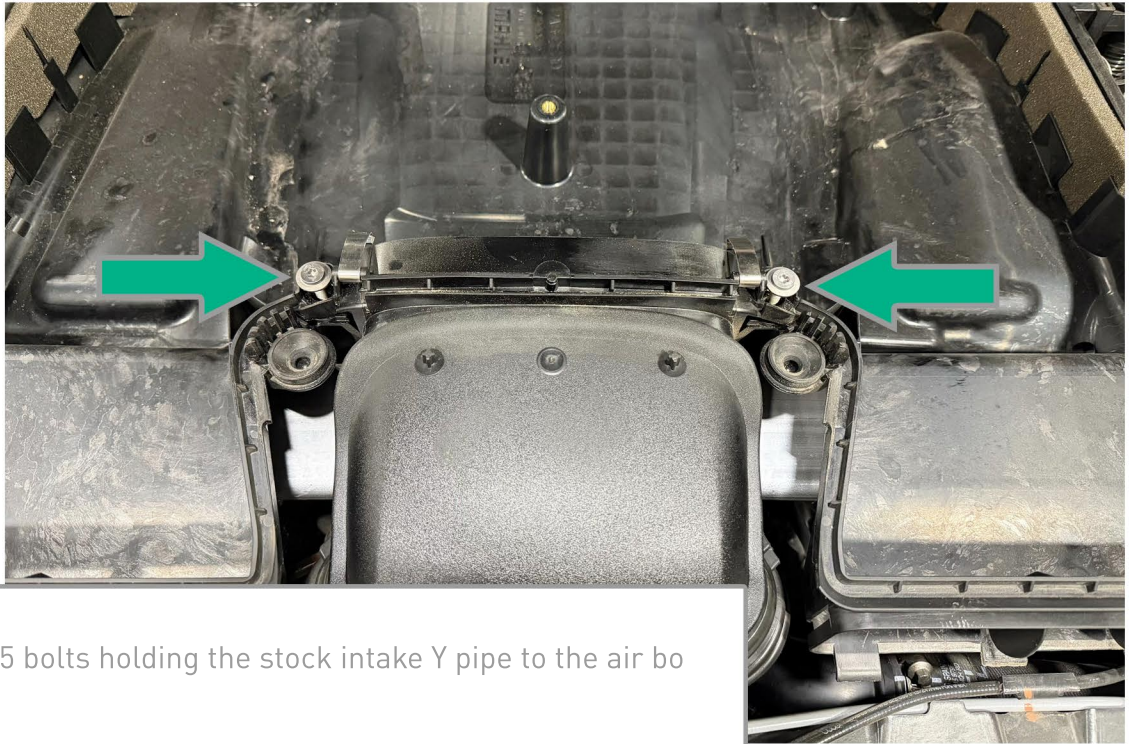
8



You can now remove the stock air filter

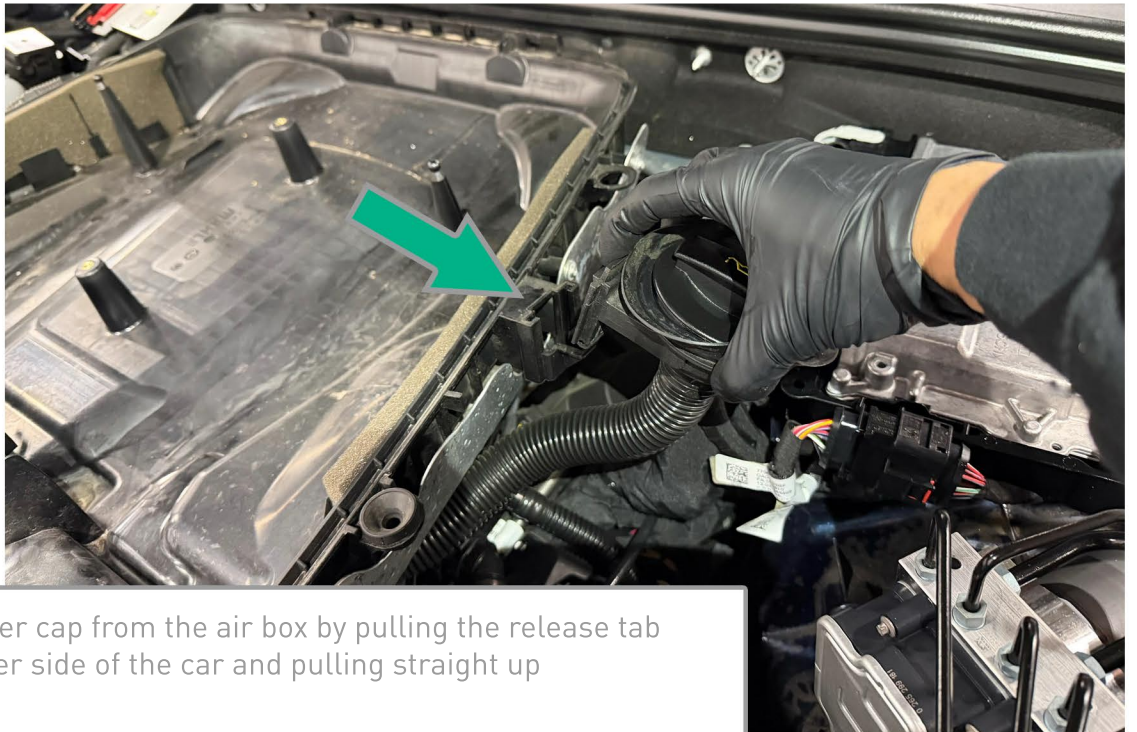


9



Remove the 2 T25 bolts holding the stock intake Y pipe to the air bo

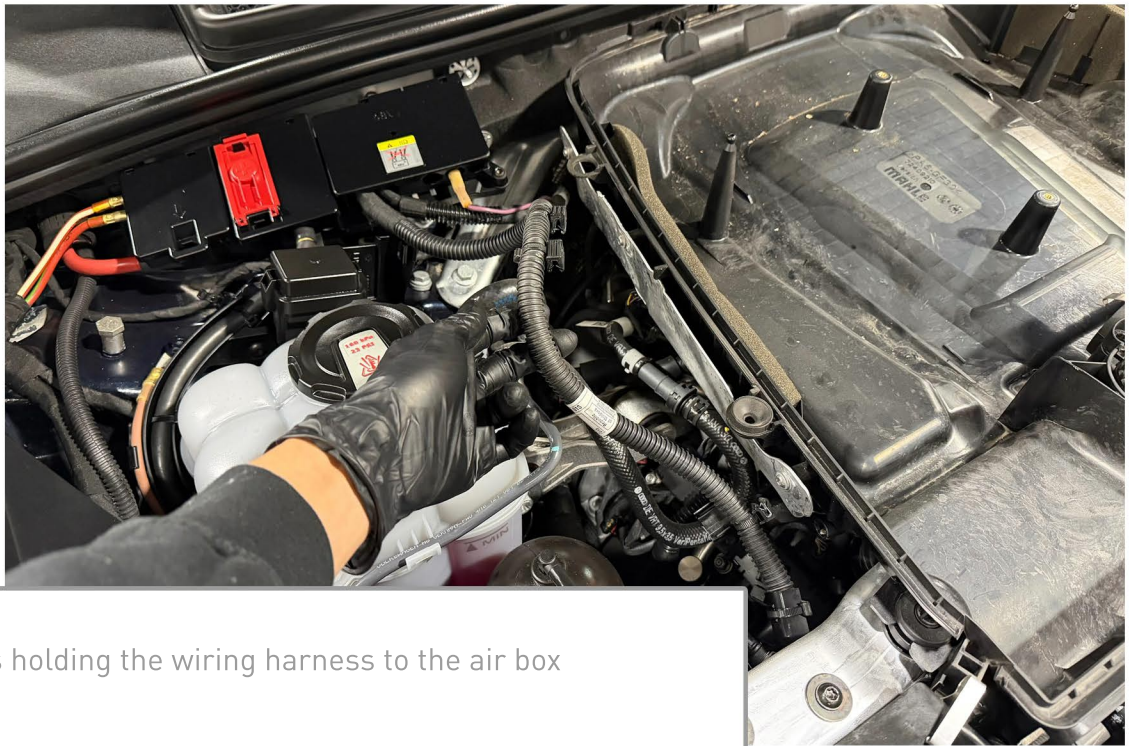
10



Unclip the oil filter cap from the air box by pulling the release tab towards the driver side of the car and pulling straight up

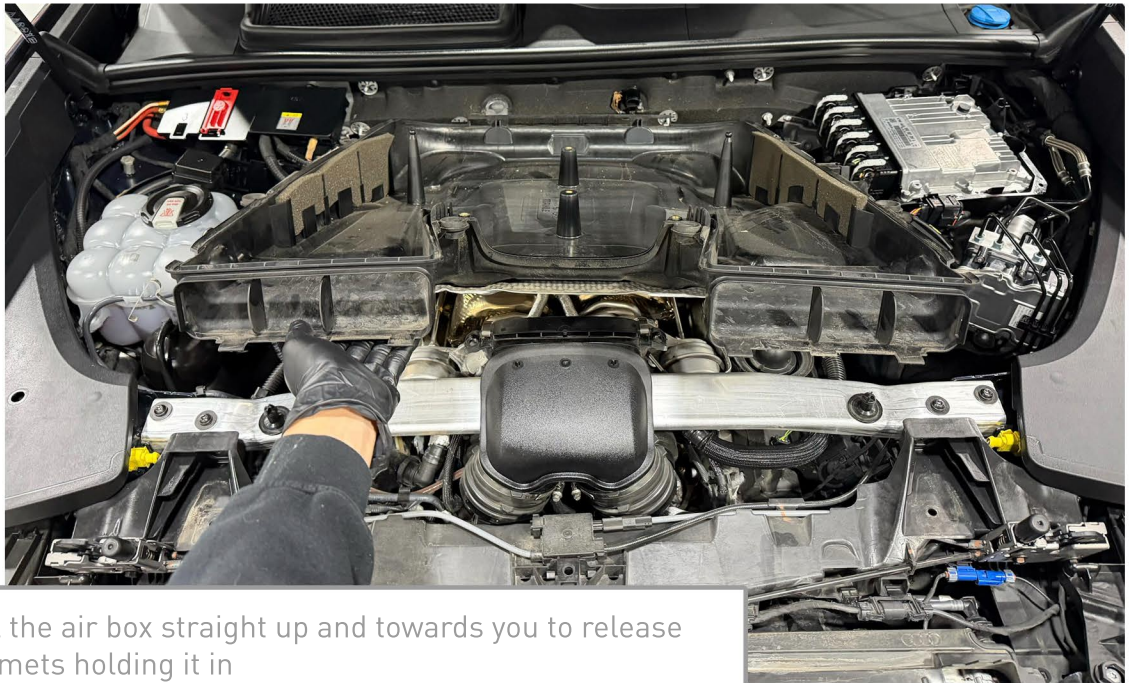


11



Unclip the 3 tabs holding the wiring harness to the air box

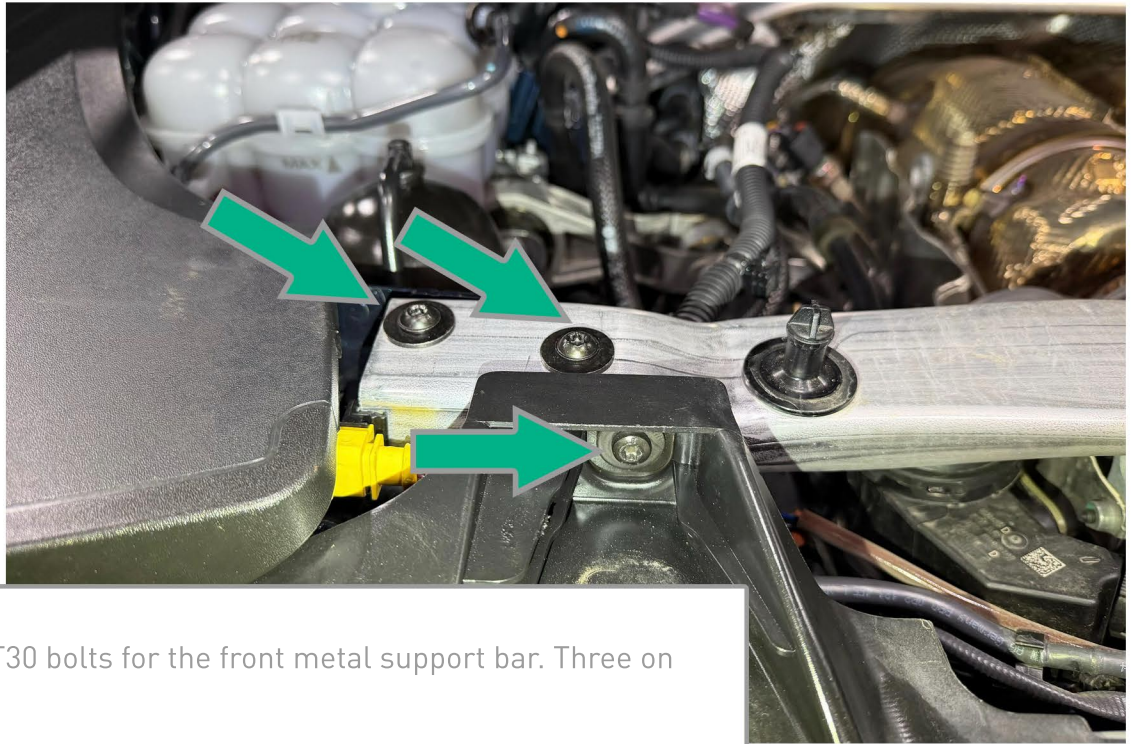
12



You can now pull the air box straight up and towards you to release it from the grommets holding it in



13



Remove the six T30 bolts for the front metal support bar. Three on each side.

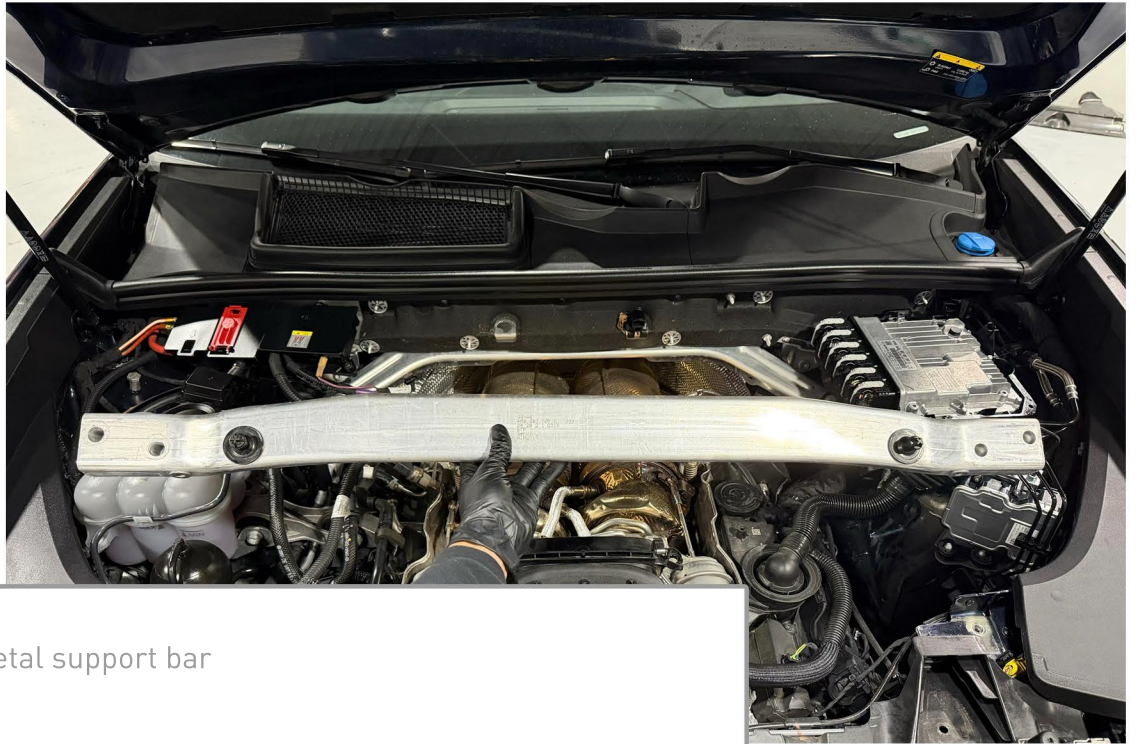
14



Unclip the yellow connectors from both sides of the front metal support bar.

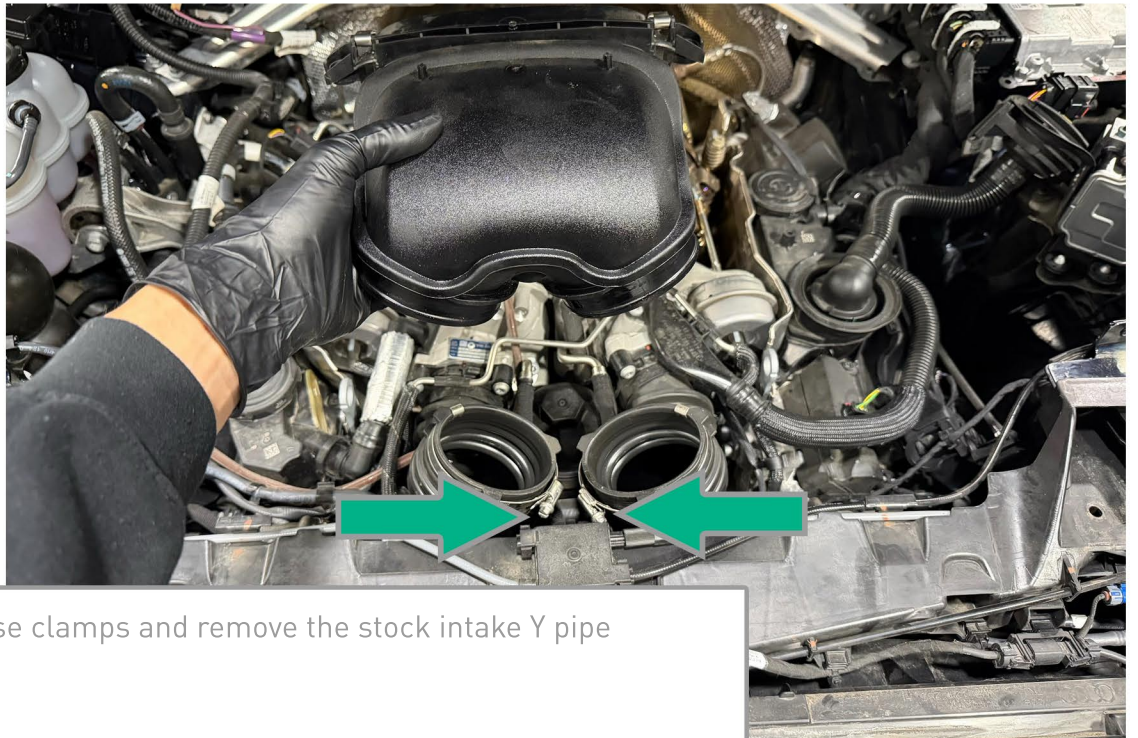


15



Remove front metal support bar

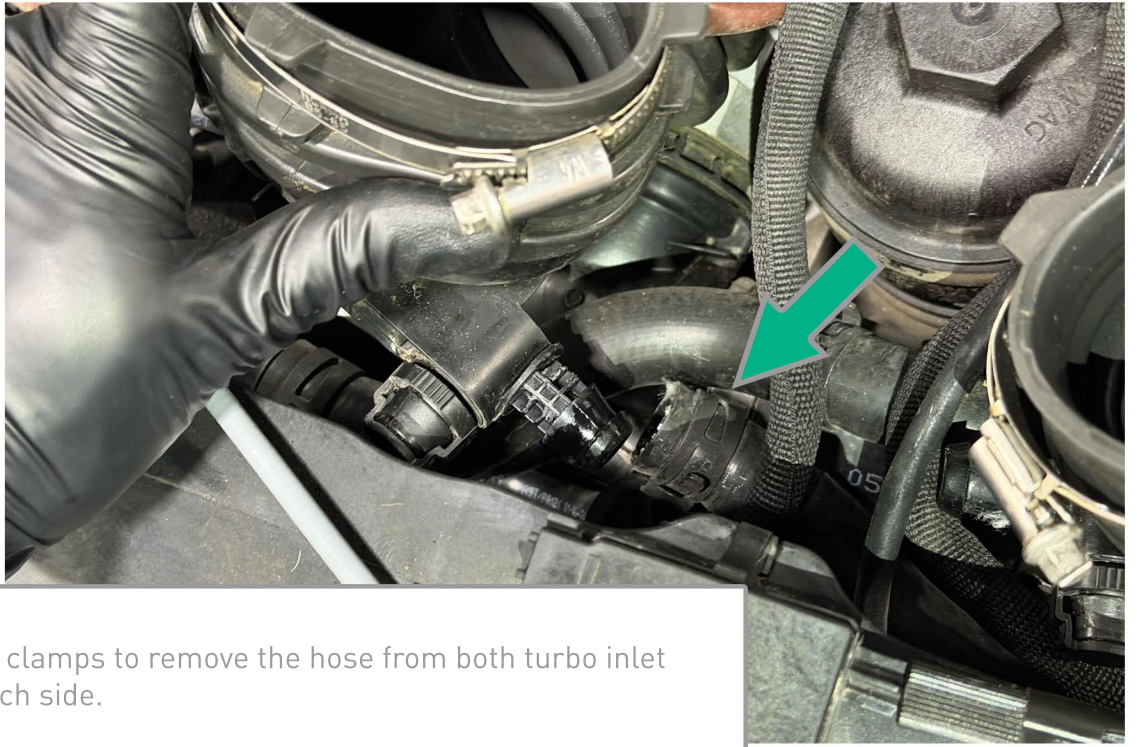
16



Loosen the 2 hose clamps and remove the stock intake Y pipe

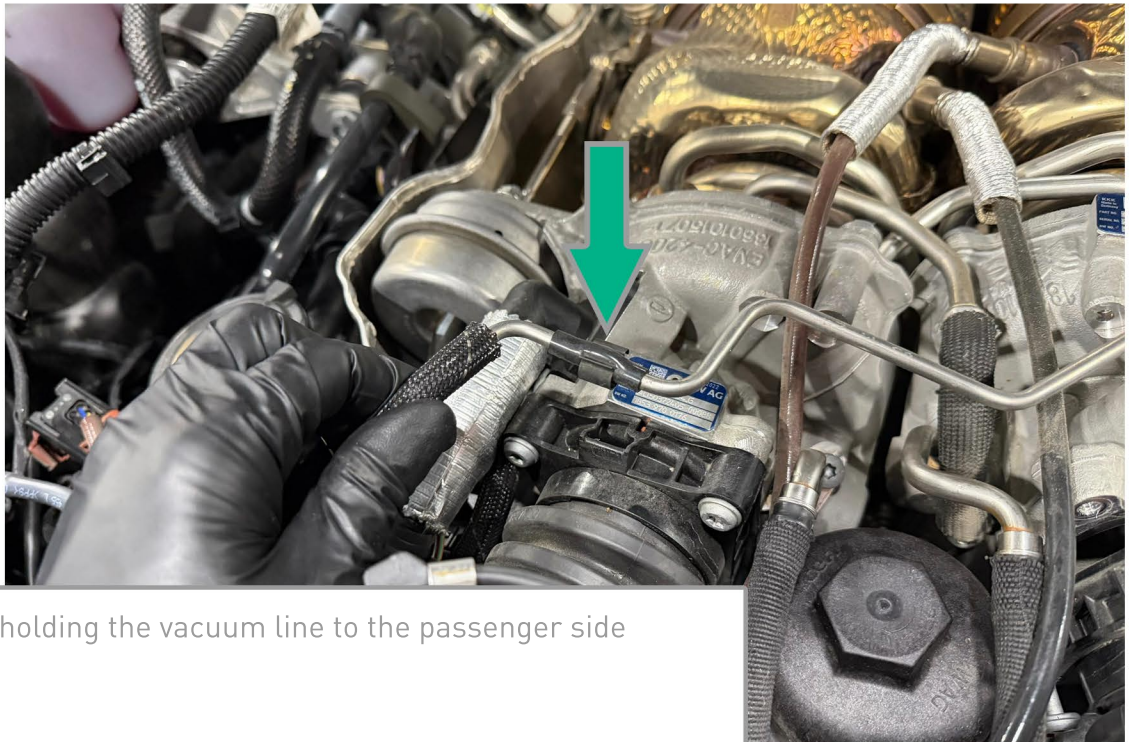


17



Loosen the hose clamps to remove the hose from both turbo inlet pipes. One on each side.

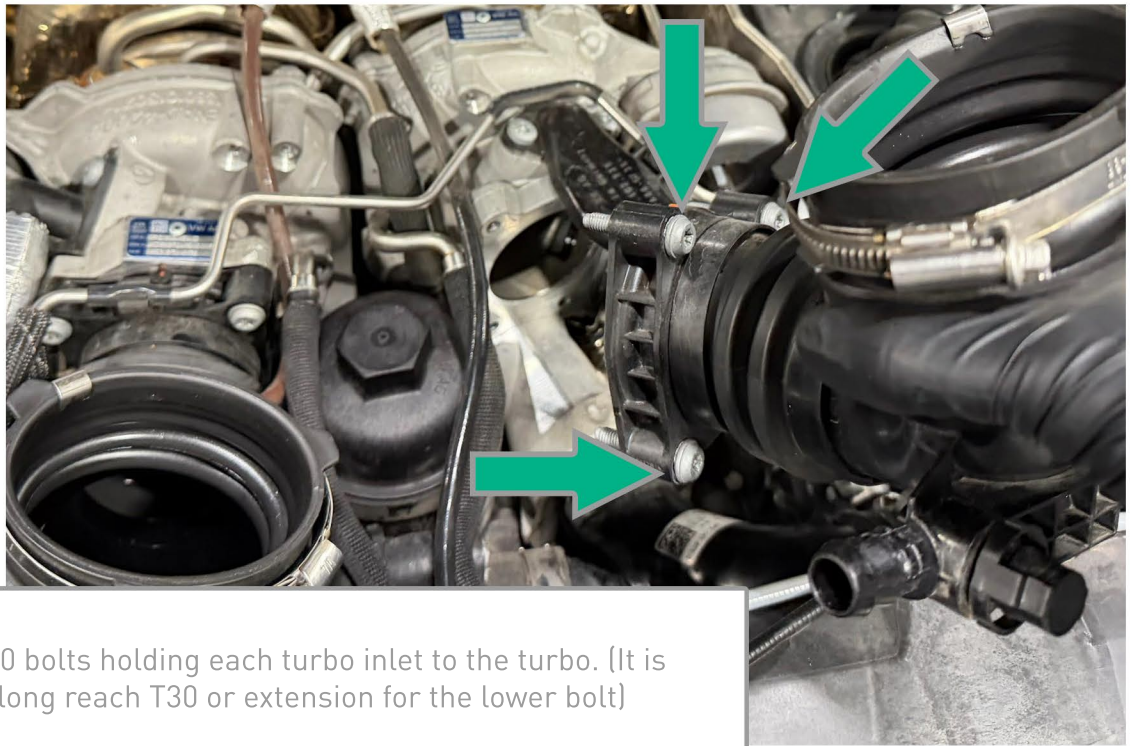
18



Remove the clip holding the vacuum line to the passenger side turbo inlet



19



Remove the 3 T30 bolts holding each turbo inlet to the turbo. (It is useful to have a long reach T30 or extension for the lower bolt)

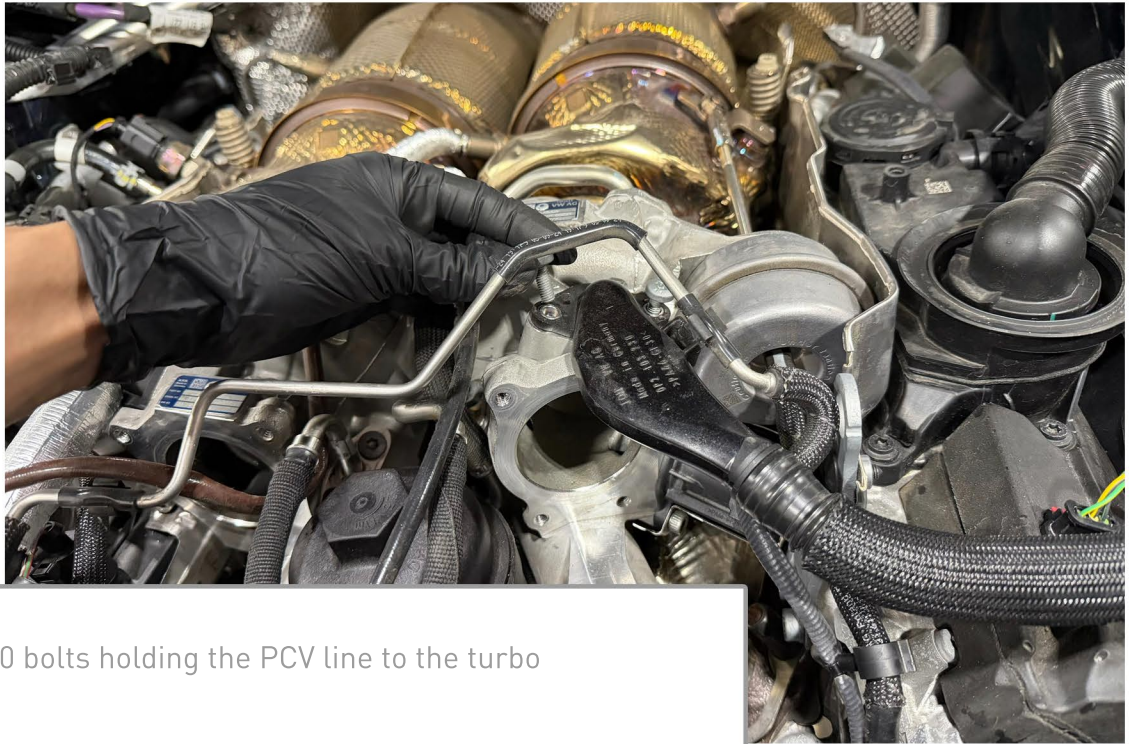
20



If you have model year (2024+) you will need to use our PCV spacer on the turbo and PCV cap on your new IE turbo inlet. Cap not pictured, goes on turbo inlet bung.

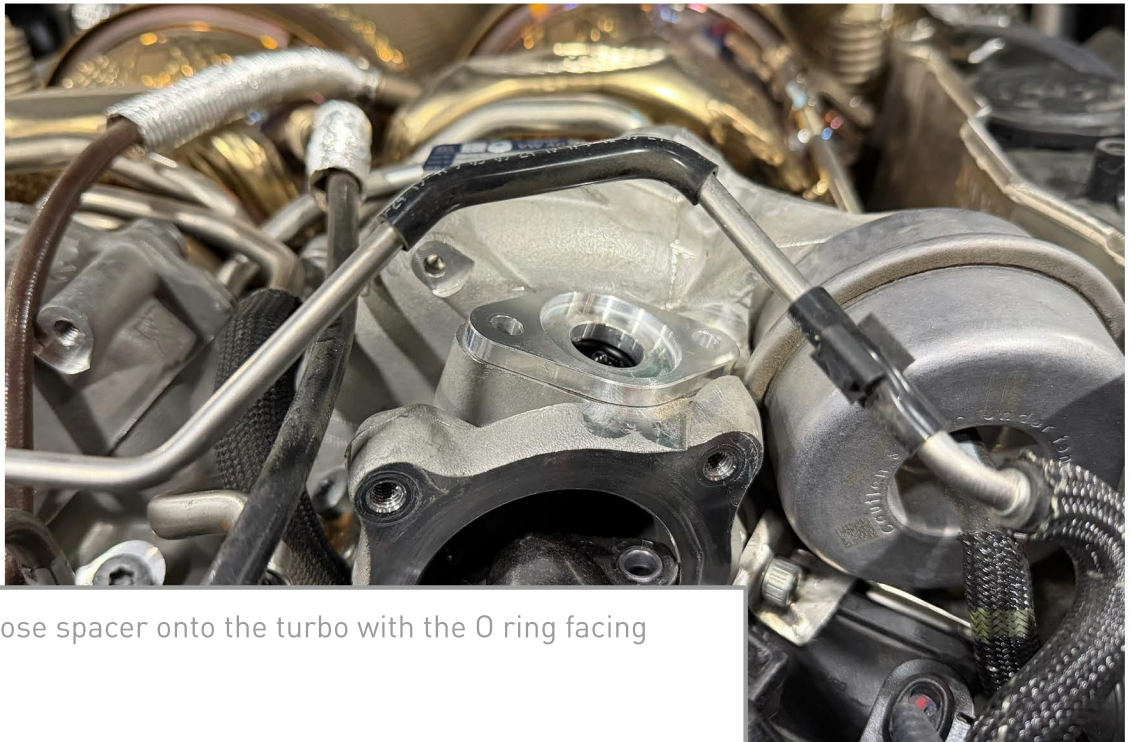


21



Remove the 2 T30 bolts holding the PCV line to the turbo

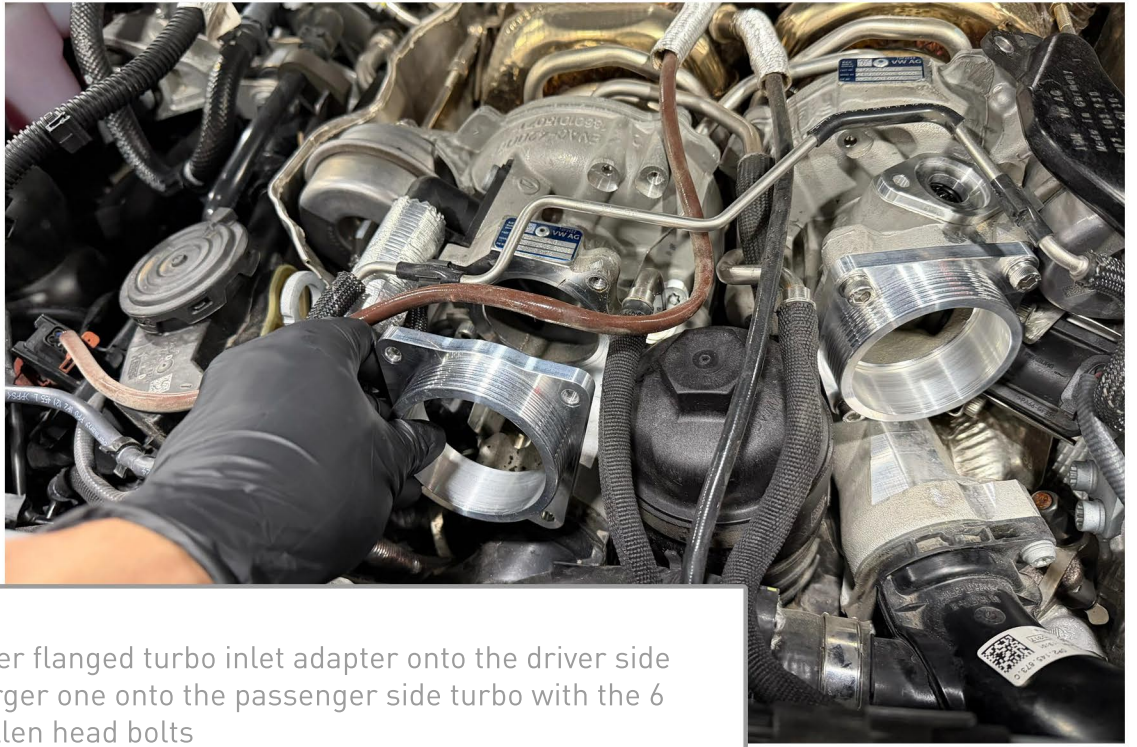
22



Install the PCV hose spacer onto the turbo with the O ring facing down.

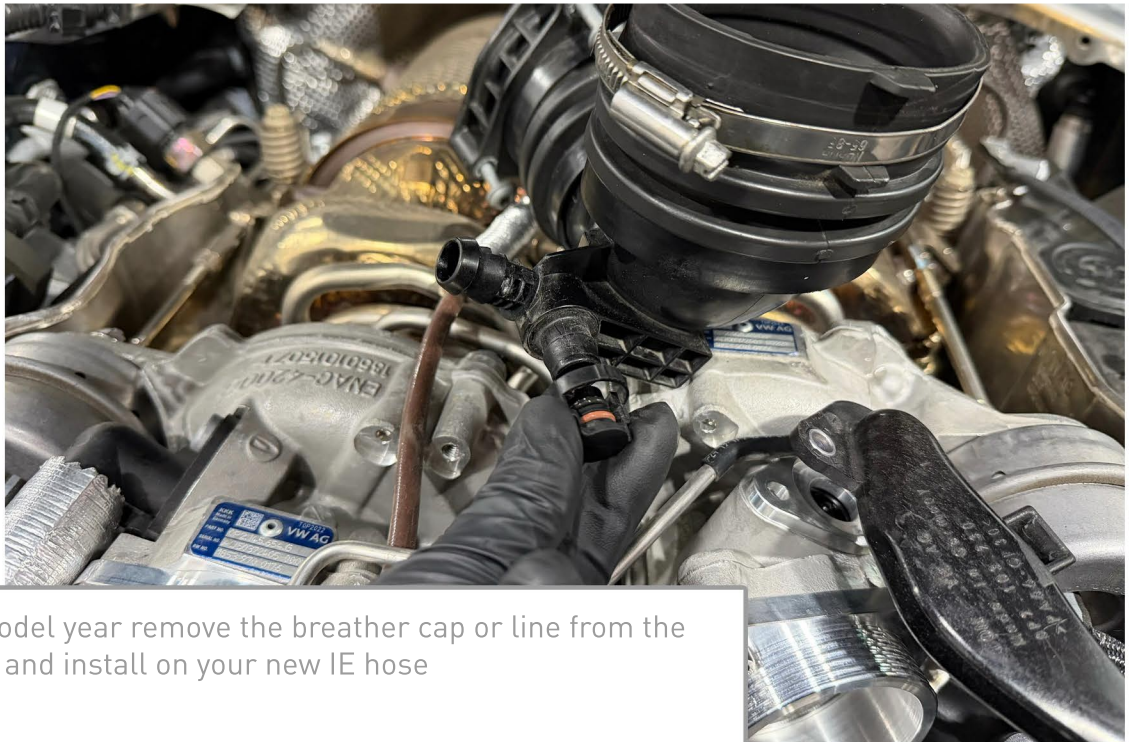


23



Install the smaller flanged turbo inlet adapter onto the driver side turbo and the larger one onto the passenger side turbo with the 6 supplied 5mm allen head bolts

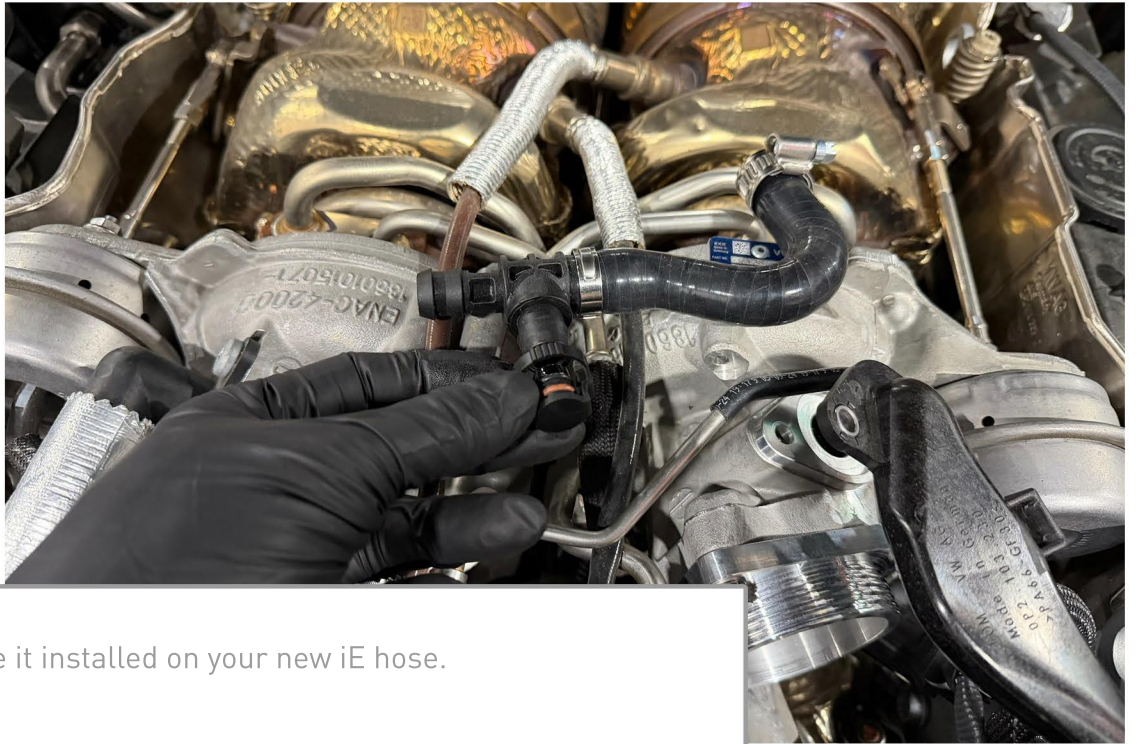
24



Depending on model year remove the breather cap or line from the stock turbo inlet and install on your new IE hose

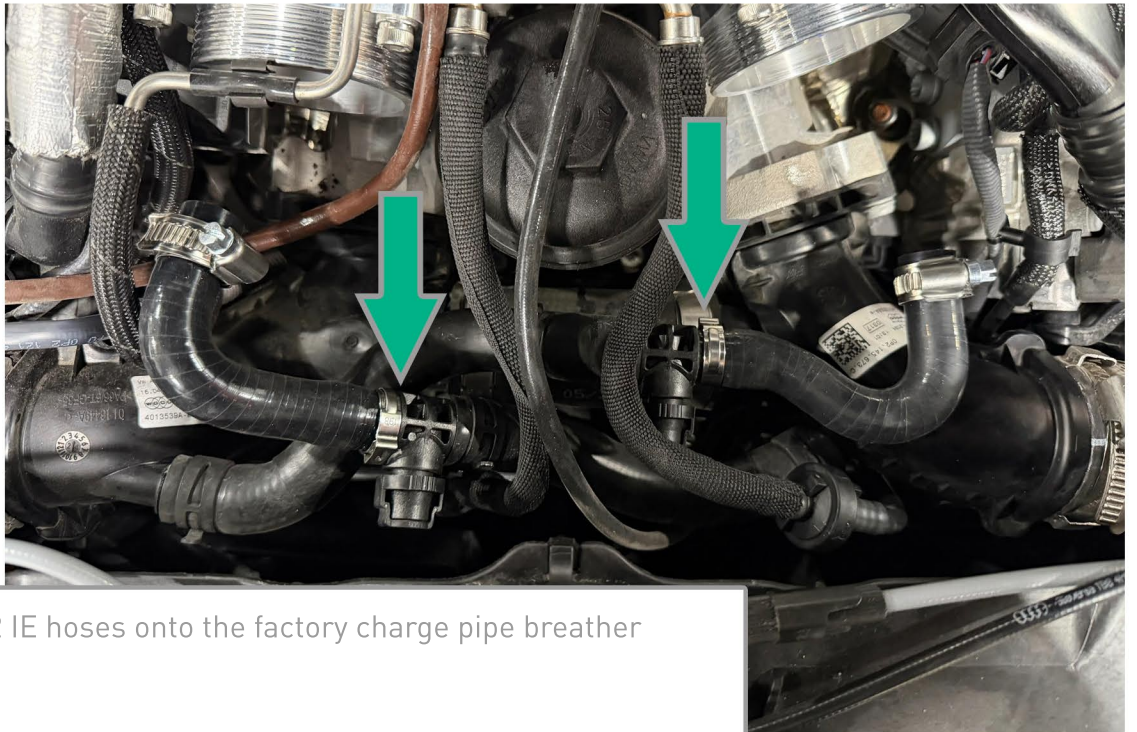


24.2



Here you can see it installed on your new iE hose.

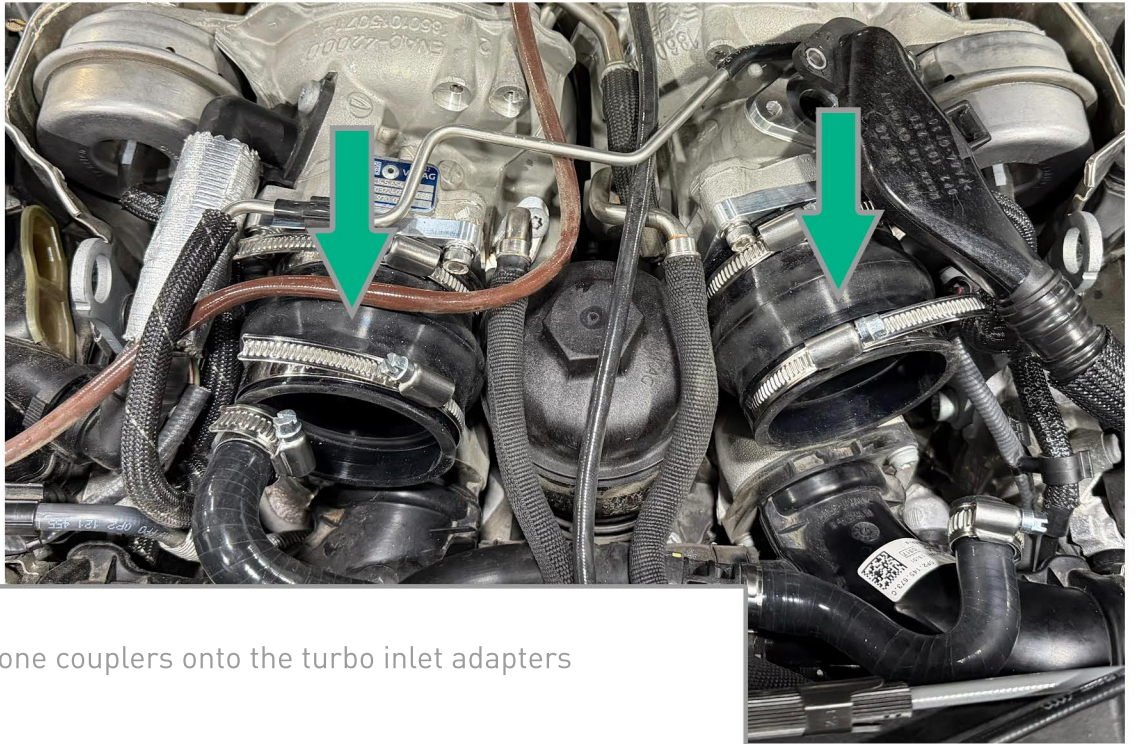
25



Now install the 2 IE hoses onto the factory charge pipe breather hoses

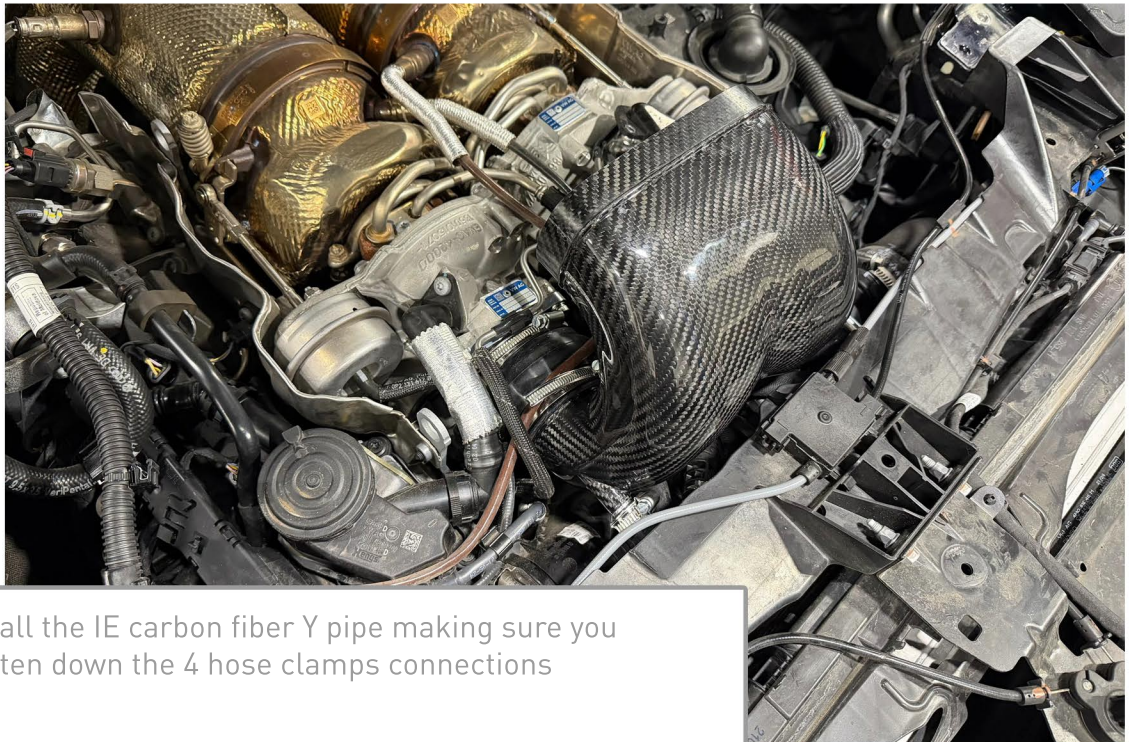


26



Install the 2 silicone couplers onto the turbo inlet adapters

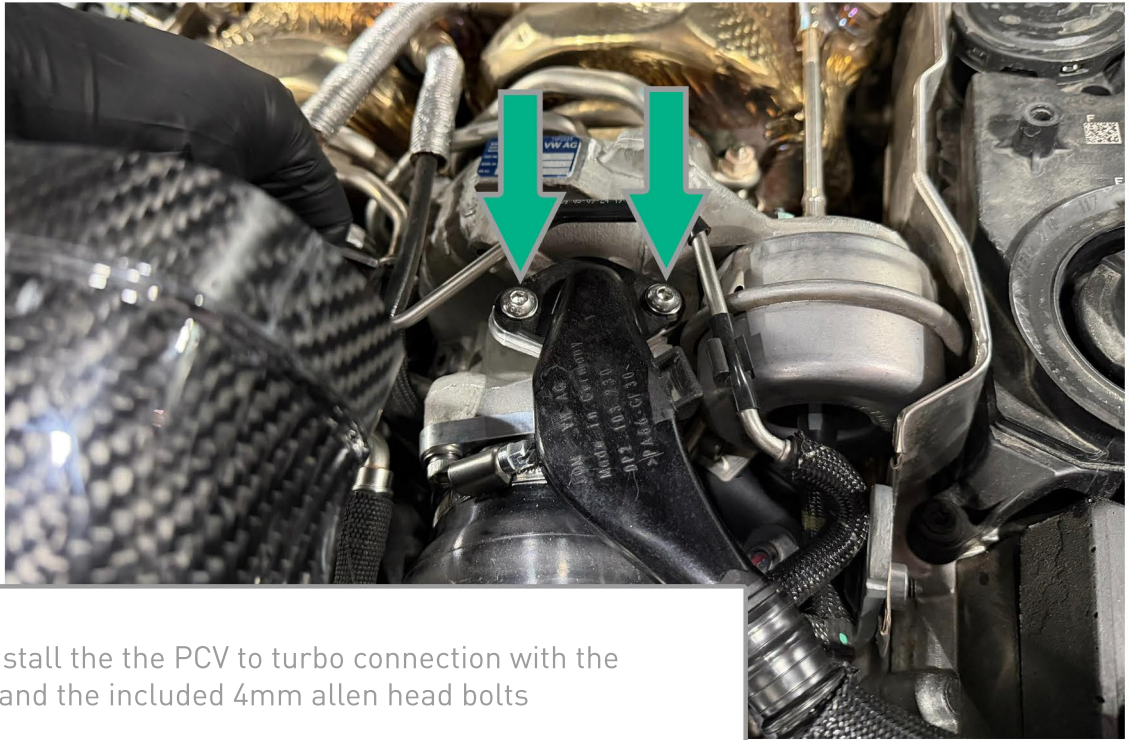
27



You can now install the IE carbon fiber Y pipe making sure you connect and tighten down the 4 hose clamp connections



28



You can now reinstall the the PCV to turbo connection with the supplied spacer and the included 4mm allen head bolts

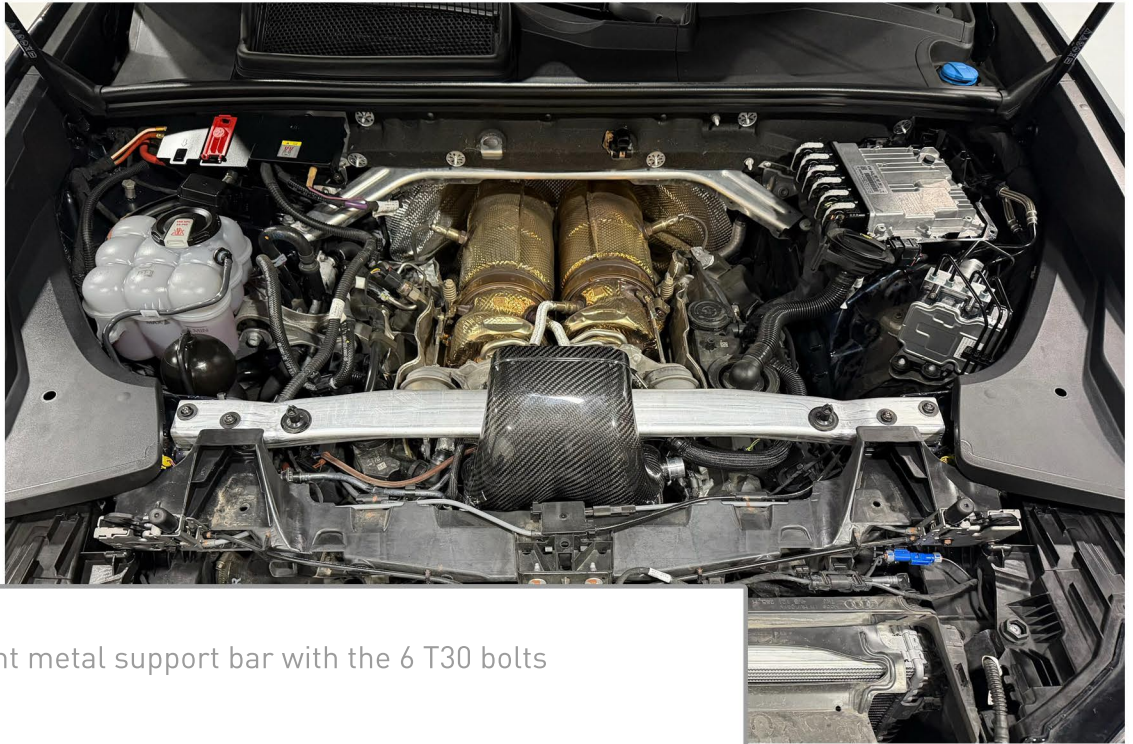
29



If you have the older style PCV line style you will connect that here. If your vehicle is newer you will use the supplied cap to cap this connection off

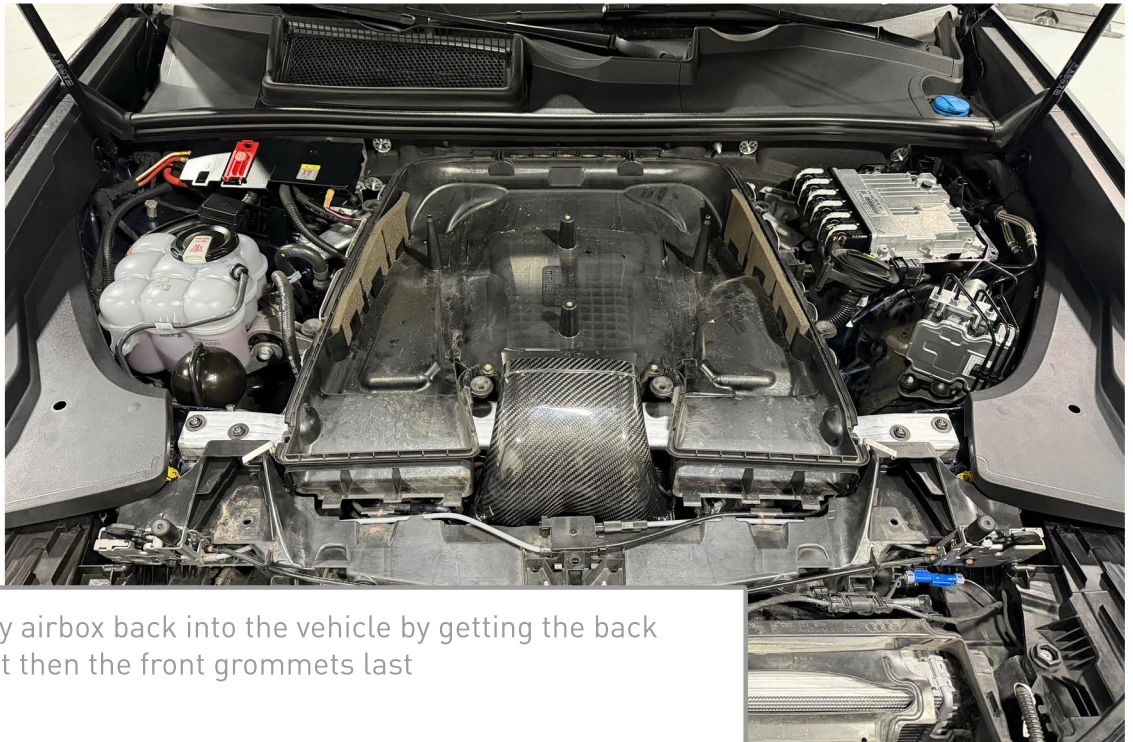


30



Reinstall the front metal support bar with the 6 T30 bolts

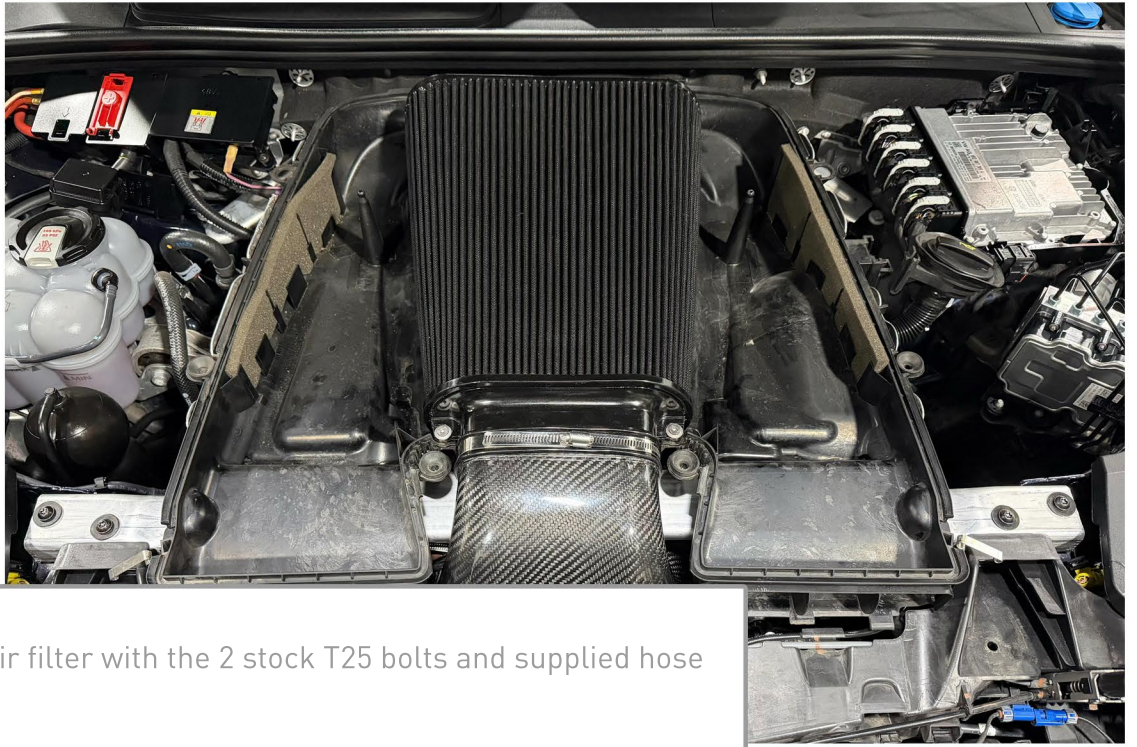
31



Install the factory airbox back into the vehicle by getting the back grommets in first then the front grommets last



32



Install the new air filter with the 2 stock T25 bolts and supplied hose clamp

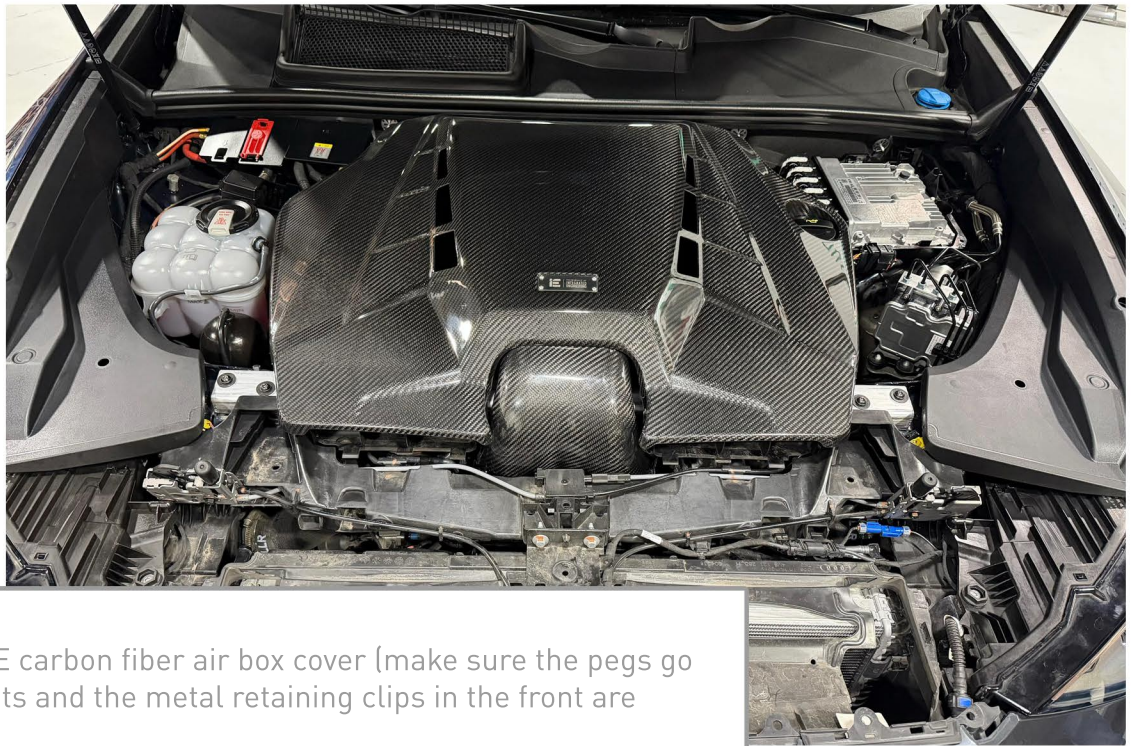
33



Reconnect the the oil cap and wiring harnes on the opposite side of the airbox.



34



Install the new IE carbon fiber air box cover (make sure the pegs go into the grommets and the metal retaining clips in the front are secured)

35



Reinstall the shroud and hood latch



36



Install is complete! Enjoy the look, sound, and performance from your new iE Carbon Intake!



ENJOY!

Thank you for purchasing an Integrated Engineering product. We are dedicated to serving your performance needs. Please check our website frequently for new product releases. If you have any questions or concerns about this product please do not hesitate to contact us.



HOW WAS YOUR INSTALL?



Stoked?

Awesome! Please leave a review.
share.performancebyie.com



Bummed?

Sorry, let us make it right.
support.performancebyie.com



801.484.2021

WWW.PERFORMANCEBYIE.COM

SUPPORT@PERFORMANCEBYIE.COM



Brother owned since 2007.
Garage started for beer money.

performancebyie.com

Don't be shy. Share your project.



#LiveFastBuyFun