

PERFORMANCE BY



INSTALLATION GUIDE

iE Air Intake System For VW MK8 GTI

IEINDB4



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 30 - 40 minutes on average

REQUIRED TOOLS

- Vice Grips or Hose Clamp Removal Tool
- Flat Head Screwdriver
- T25 & T30 torx drivers

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 Intake System Carbon Fiber Cover (IEINDB4)

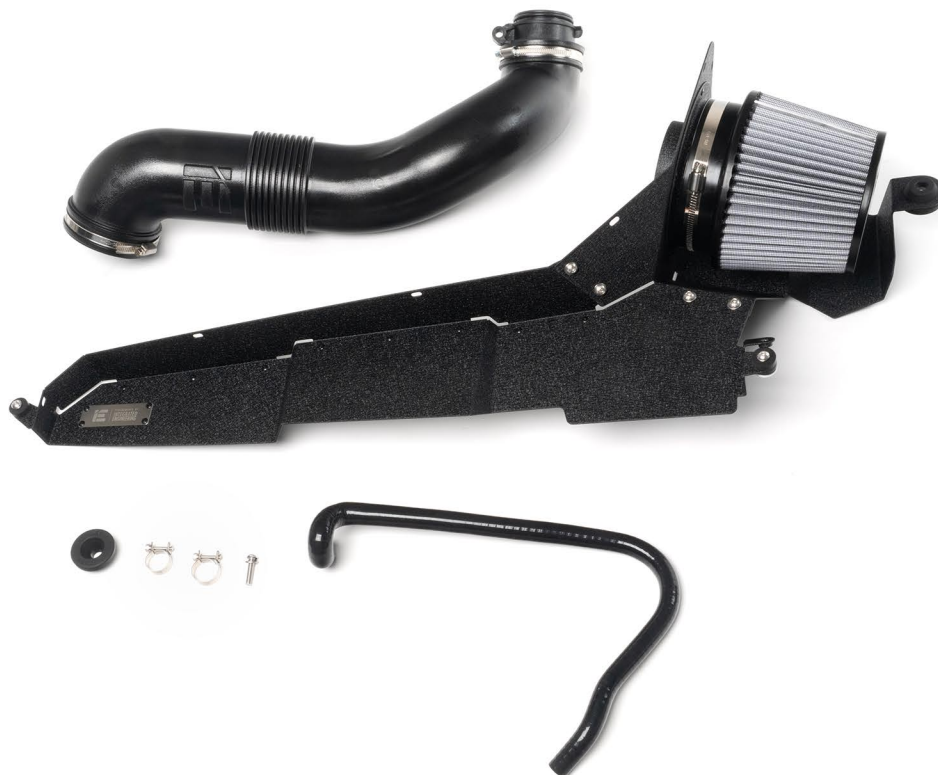
SPECIAL NOTE:

This install guide has been photographed and written on a 2023 VW GTI. 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

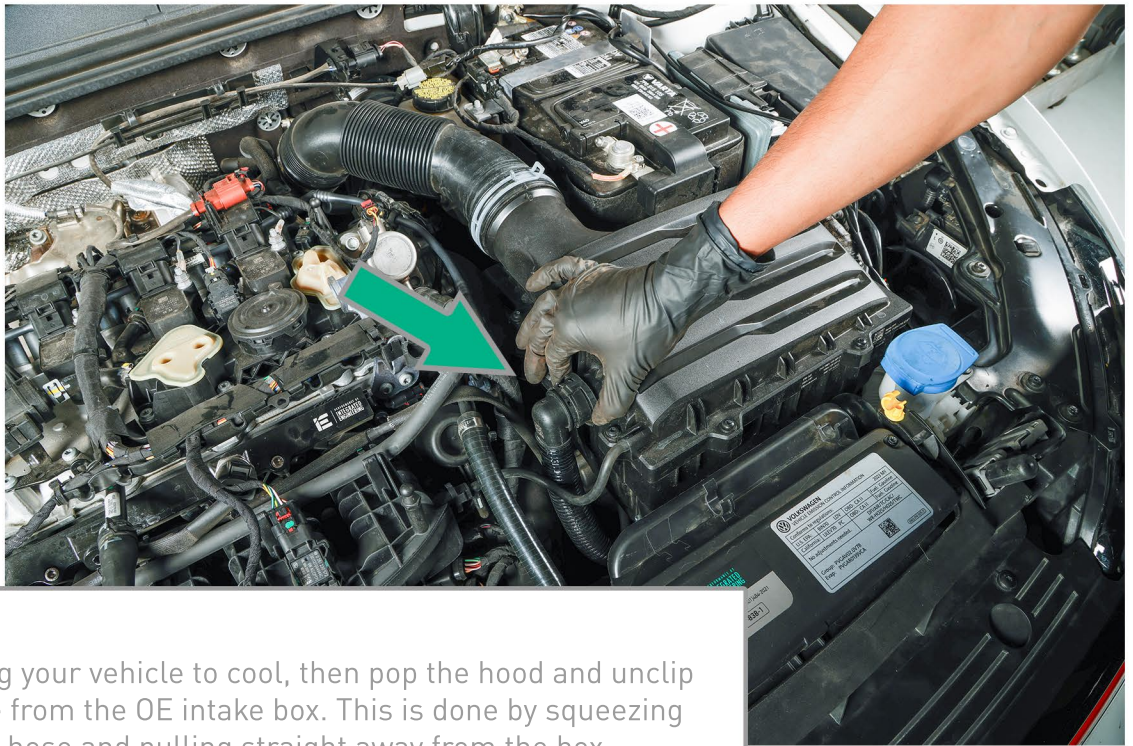
- 01 - IE Replacement 5" Air Filter
- 02 - MK8 GTI / 8Y A3 Hard Pipe
- 03 - MK8 GTI Turbo Inlet Pipe
- 04 - MK8 / 8Y Silicone Coolant Hose
- 05 - IE CUSTOM MOLDED EPDM INTAKE GROMMET (2X)
- 06 - SS Smooth-band Worm-drive Hose Clamp, 2-1/2" To 3-1/2"
- 07 - 20-22mm Tight-Seal Hose Clamp
- 08 - Metric DIN 125 18-8 Stainless Steel Flat Washer (2X)
- 09 - Button Head Screw 18-8 SS, M5 X 0.8 MM - 14 MM (2X)
- 10 - Passivated 18-8 Stainless Steel, M6 x 1 mm Thread, 12mm Long (4X)
- 11 - Metric 18-8 SS Button Head Socket Cap Screw M6 Size, 25 mm
- 12 - Metric DIN 125 18-8 SS Flat Washer M6 Screw Size, 12mm OD (5X)
- 13 - Oil-Resistant Buna-N O-Ring
- 14 - SBR Rubber Grommet
- 15 - Durable Nylon Tight-Seal Barbed Tube Fitting 90 Degree Elbow, 1/4"
- 16 - 18-20mm Tight-Seal Hose Clamp
- 17 - SS Smooth-band Worm-drive Hose Clamp, 3 1/8" To 4"
- 18 - SBR Rubber Push-In Grommet for 1/2" ID and 1/16" (2X)
- 19 - Threaded Grommet For Sheet Metal Components (2X)



Some items may be partially assembled.

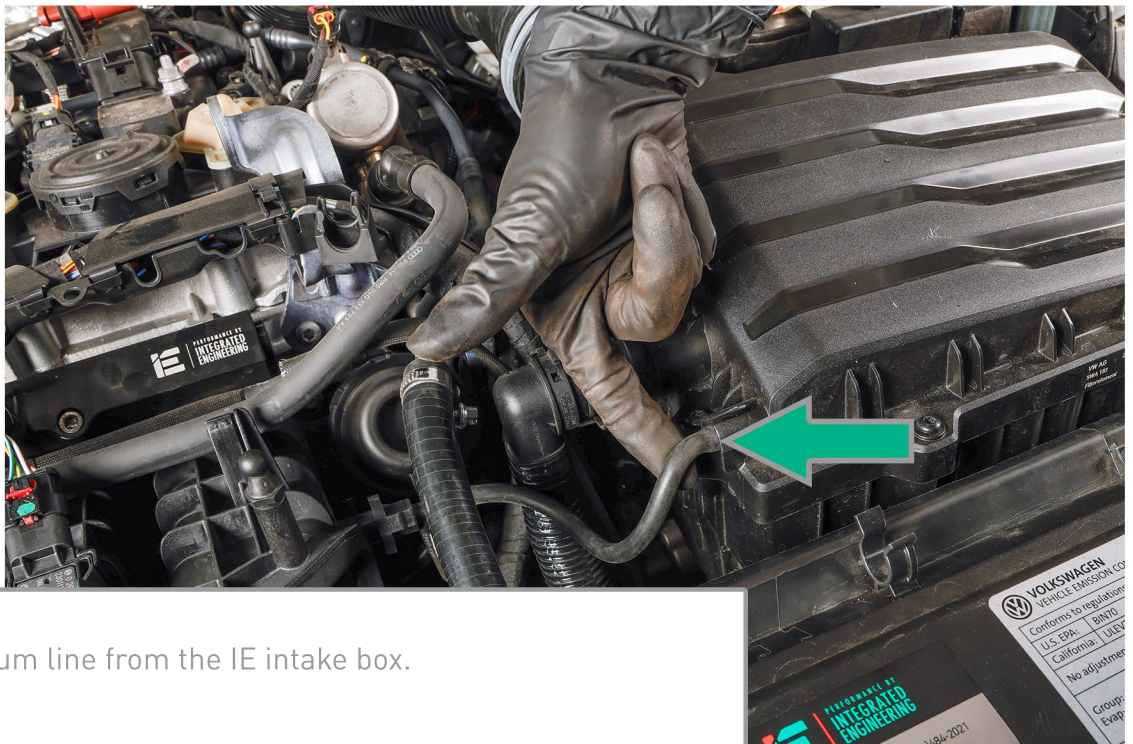


1



Begin by allowing your vehicle to cool, then pop the hood and unclip the breather line from the OE intake box. This is done by squeezing both sides of the hose and pulling straight away from the box.

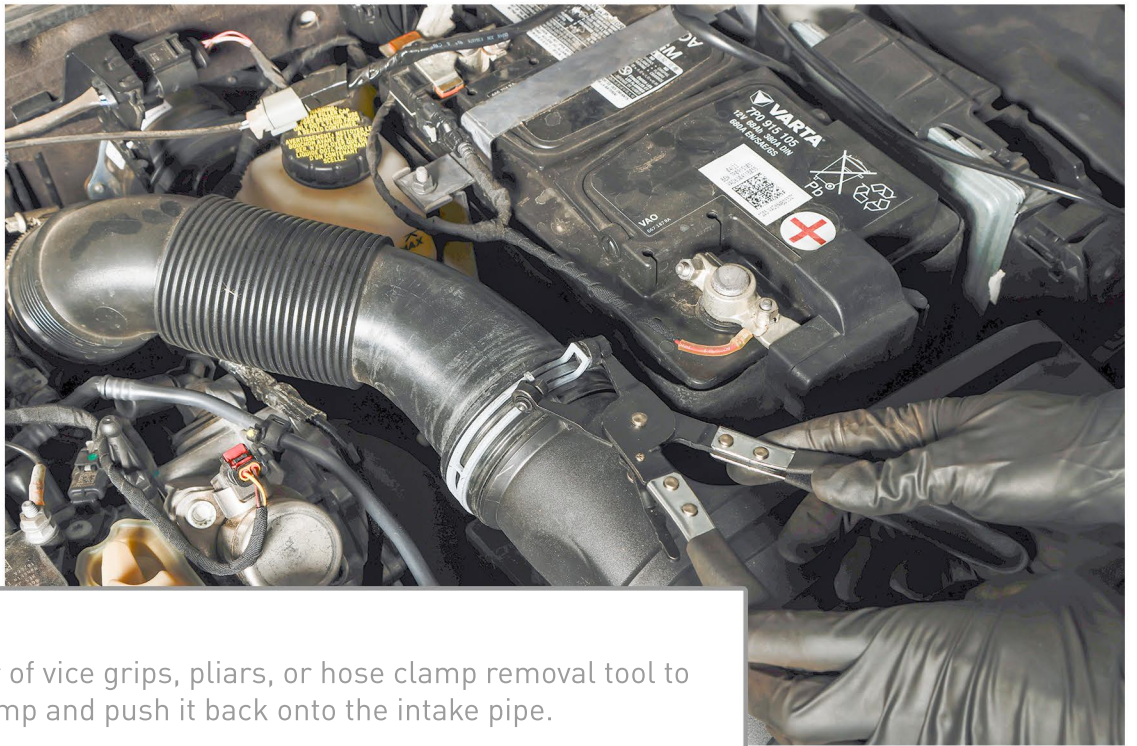
2



Unplug the vacuum line from the IE intake box.

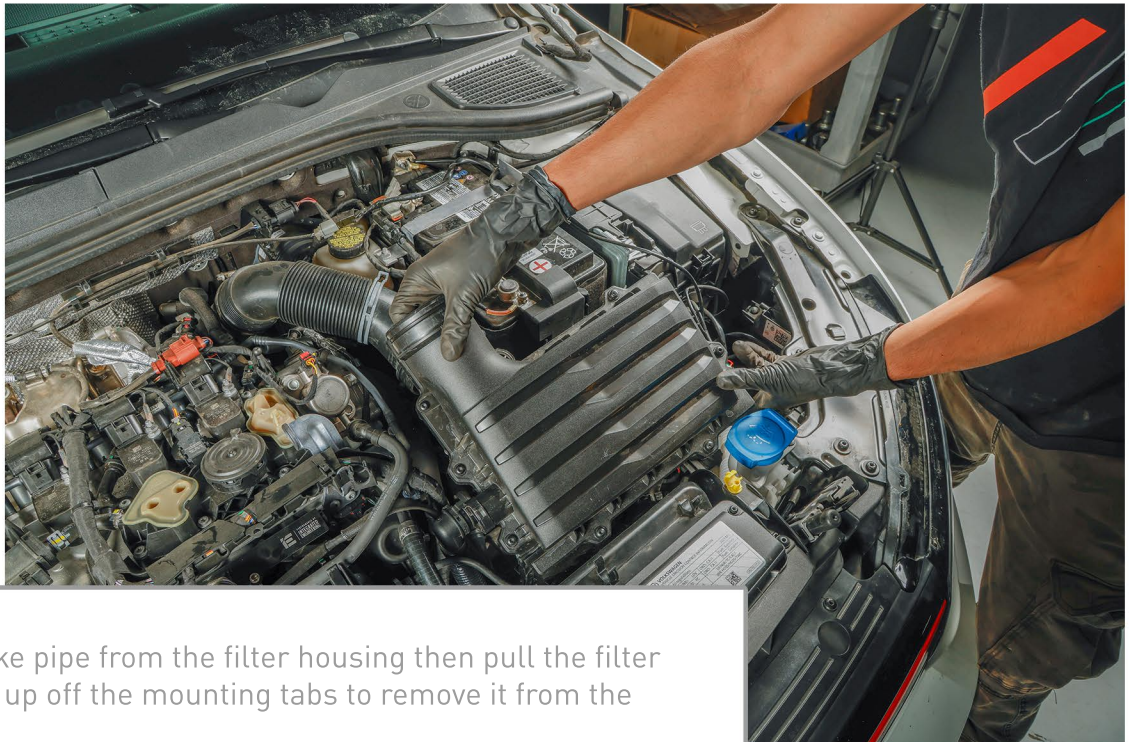


3



Use either a pair of vice grips, pliers, or hose clamp removal tool to open this OE clamp and push it back onto the intake pipe.

4



Remove the intake pipe from the filter housing then pull the filter housing straight up off the mounting tabs to remove it from the vehicle.

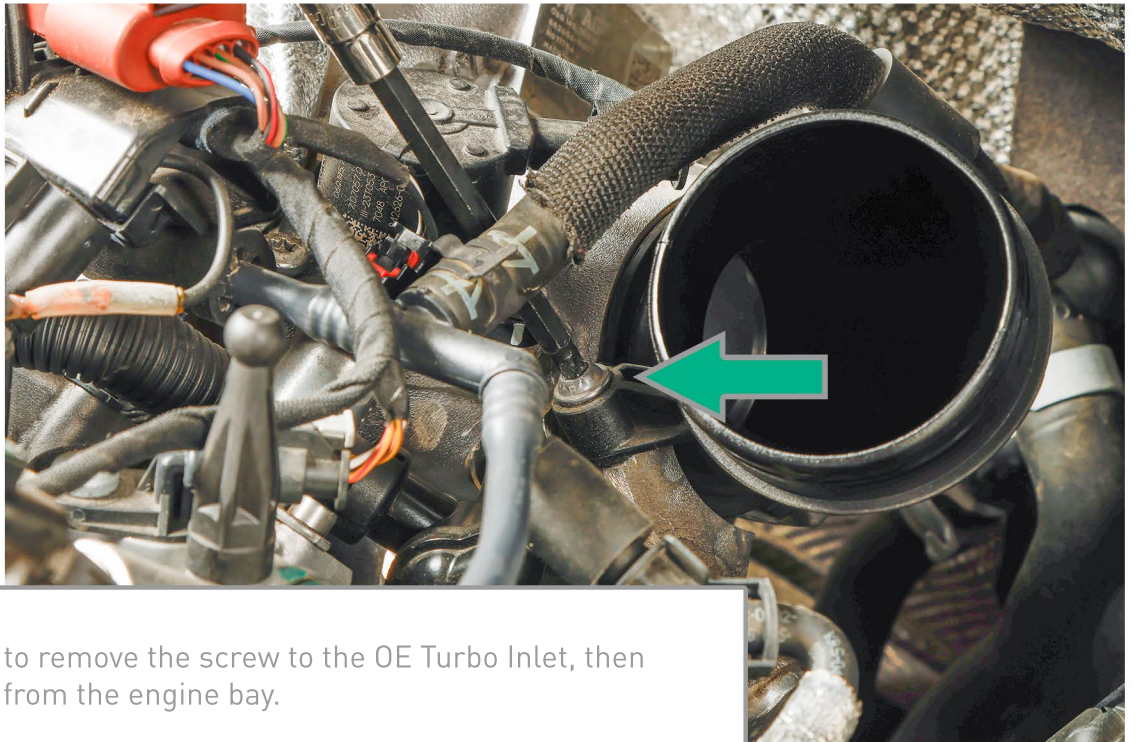


5



Use a flathead screwdriver to loosen the rear intake tubes hose clamp. Once the hose clamp is loose, you can remove the intake tube from the engine bay.

6



Use a T30 driver to remove the screw to the OE Turbo Inlet, then remove the inlet from the engine bay.

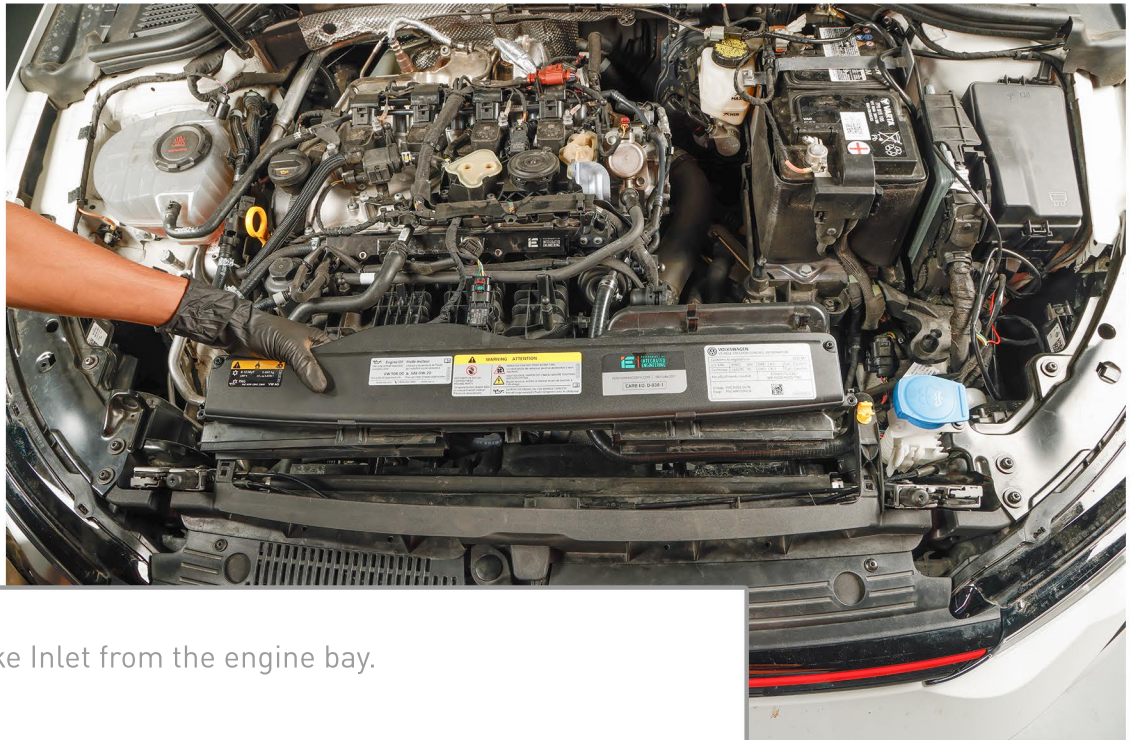


7



Remove the two T25 Screws that secure the OE Inlet

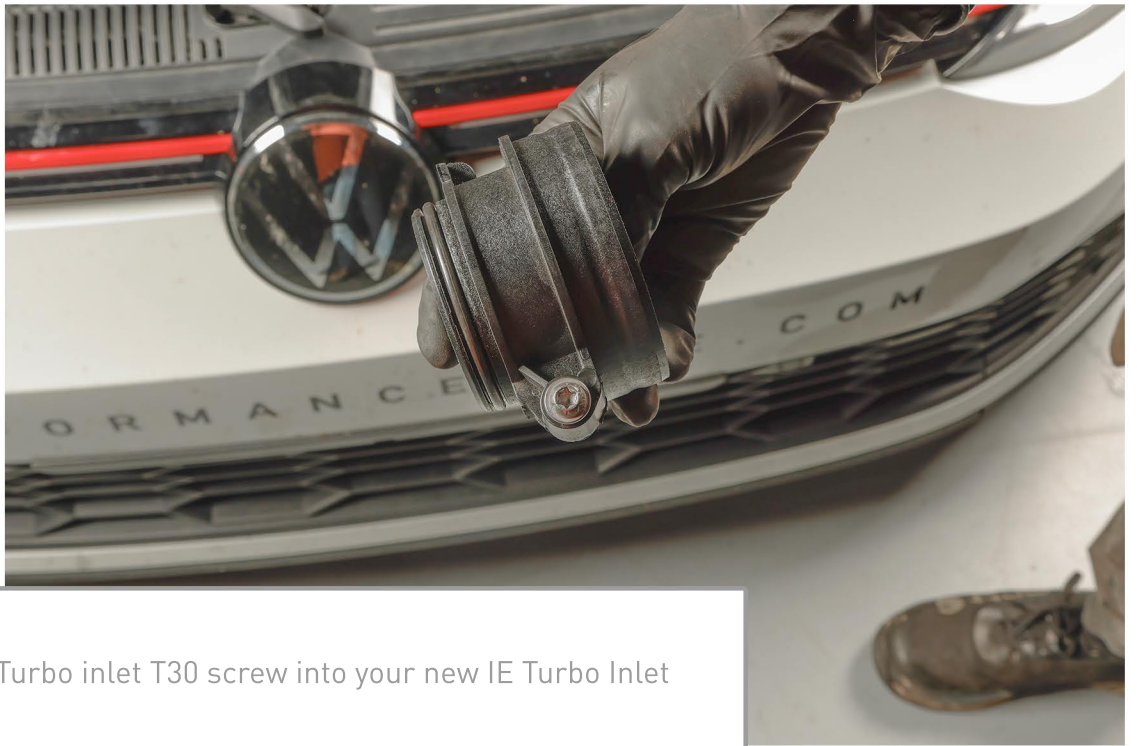
8



Remove OE Intake Inlet from the engine bay.

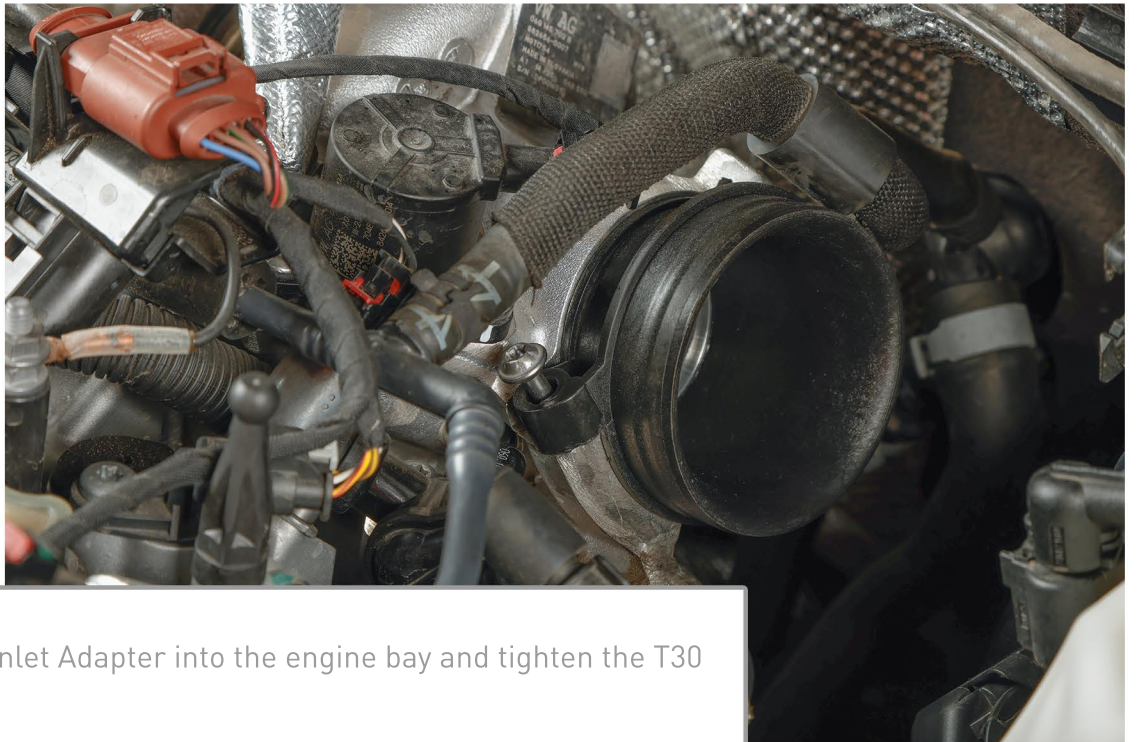


9



Transfer the OE Turbo inlet T30 screw into your new IE Turbo Inlet adapter.

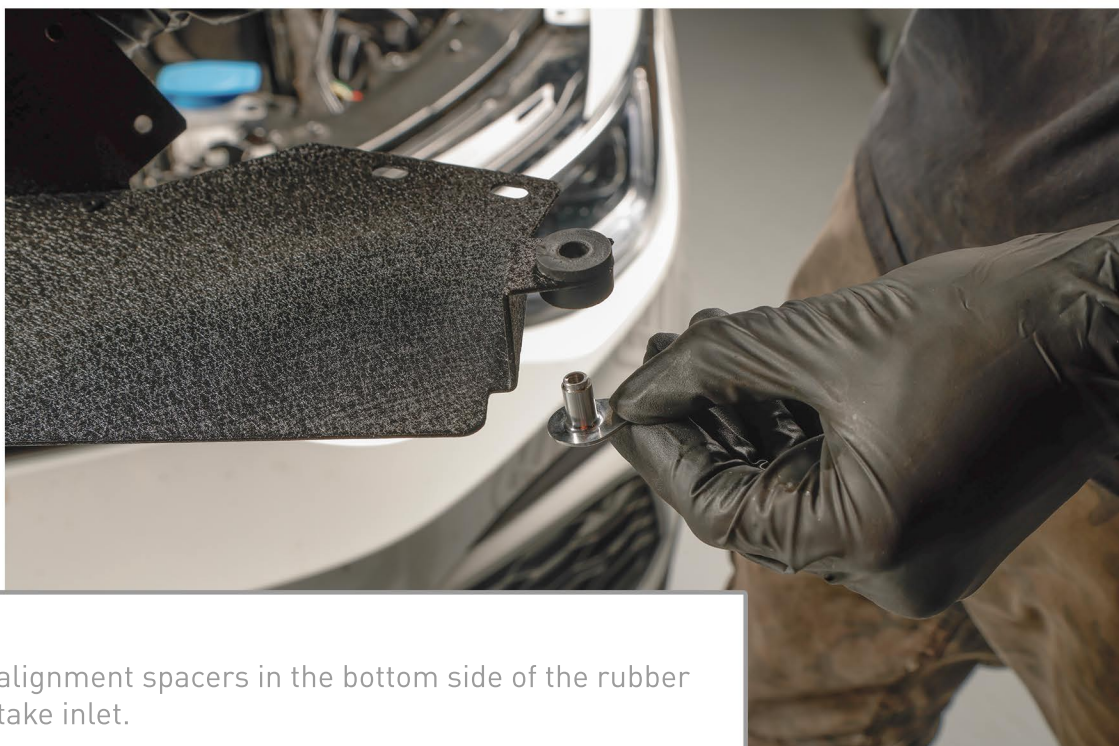
10



Install IE Turbo Inlet Adapter into the engine bay and tighten the T30 screw.

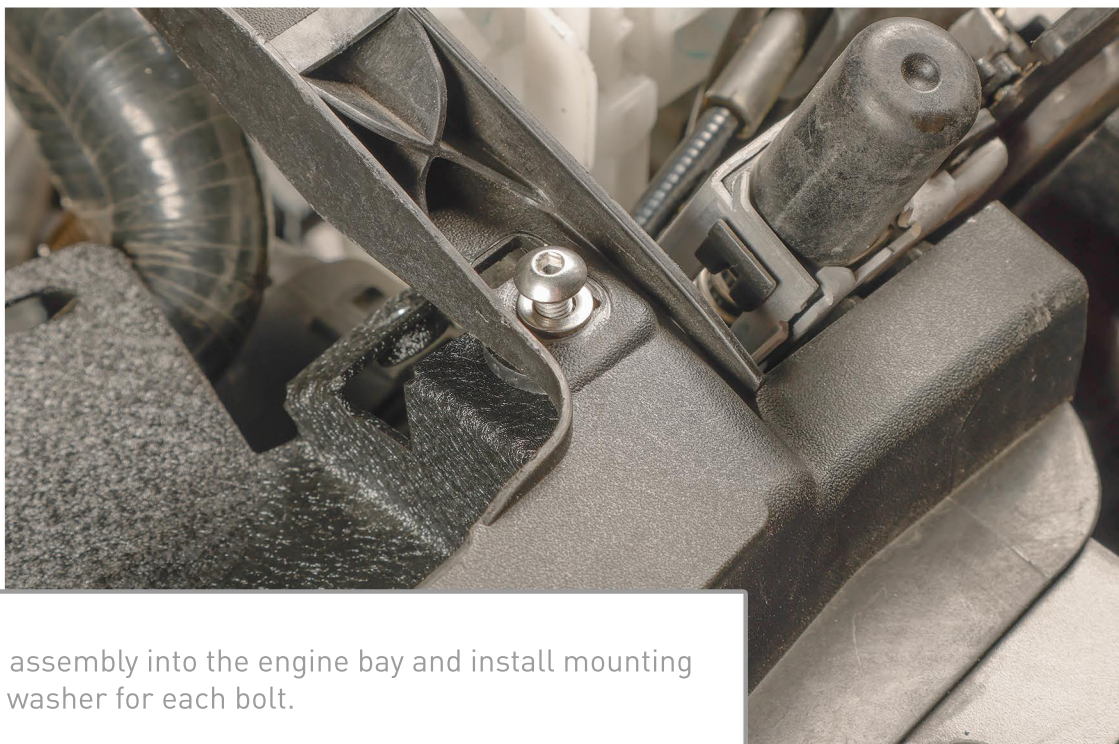


11



Install the billet alignment spacers in the bottom side of the rubber mounts of the intake inlet.

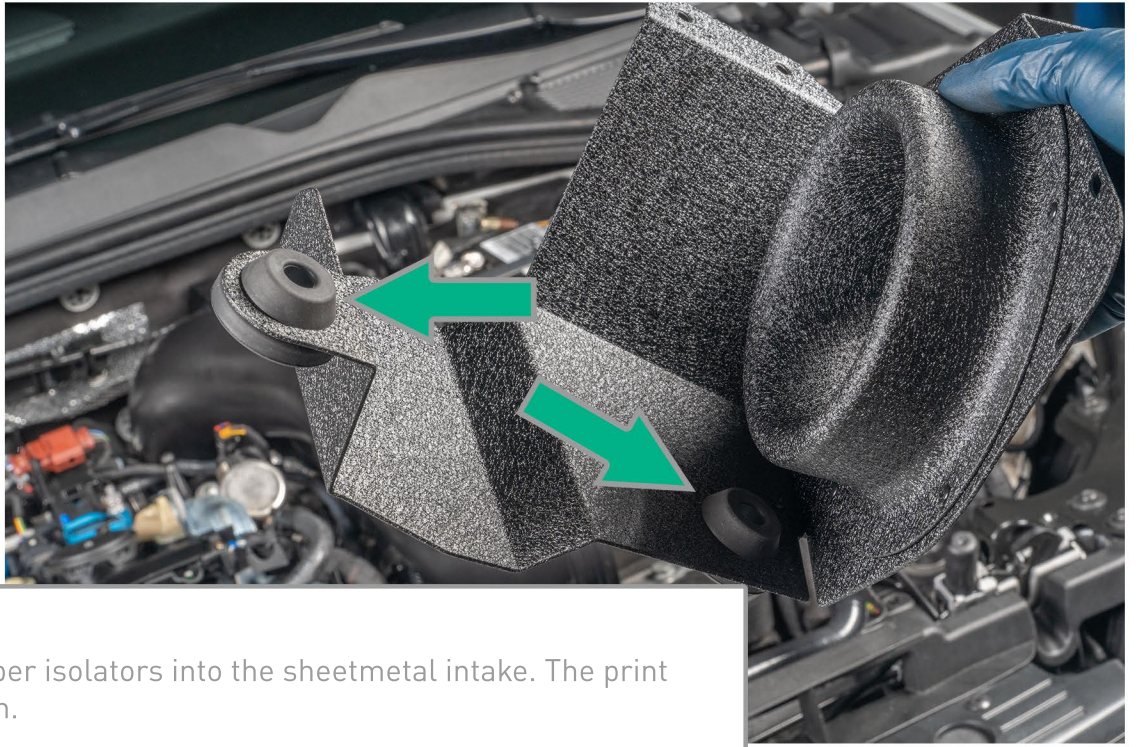
12



Lower the intake assembly into the engine bay and install mounting bolt along with a washer for each bolt.



13



Install both Rubber isolators into the sheetmetal intake. The print should face down.

14



Ensure that the OE mounting tabs don't have any of the OE Isolators stuck on them from when you removed the OE Filter box.

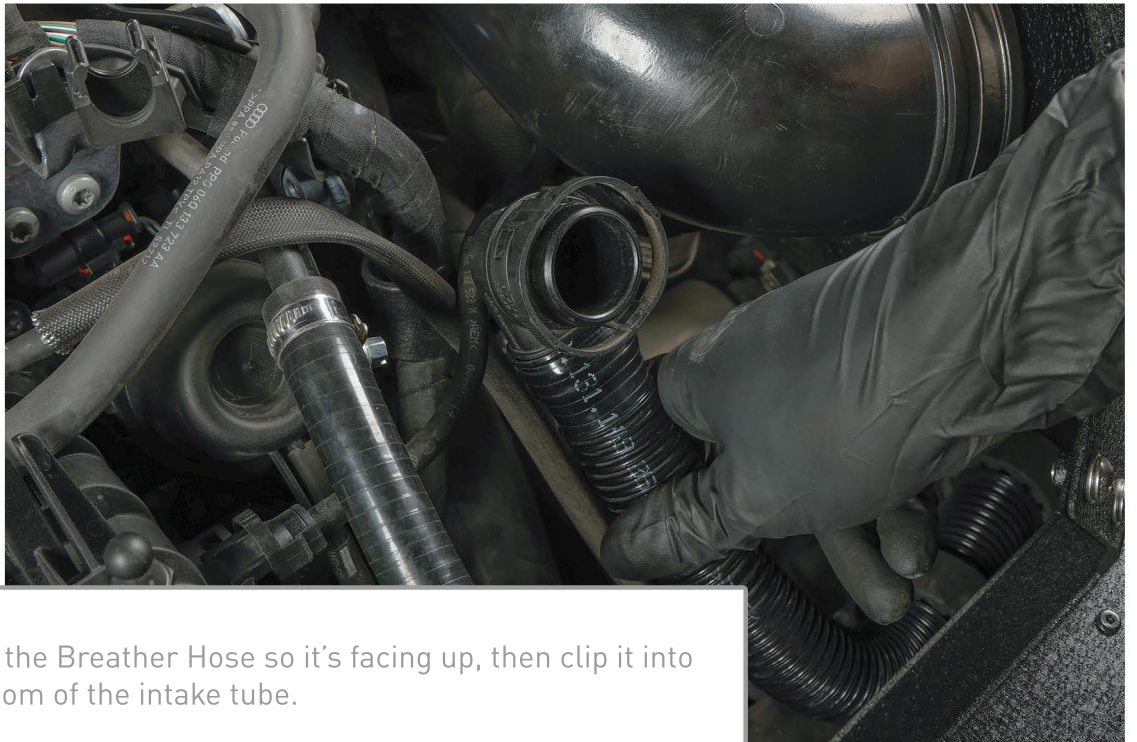


15



Insert the 90 degree vacuum hose barb into the bottom of the intake tube, then install the vacuum line into place.

16



Turn the head of the Breather Hose so it's facing up, then clip it into place on the bottom of the intake tube.

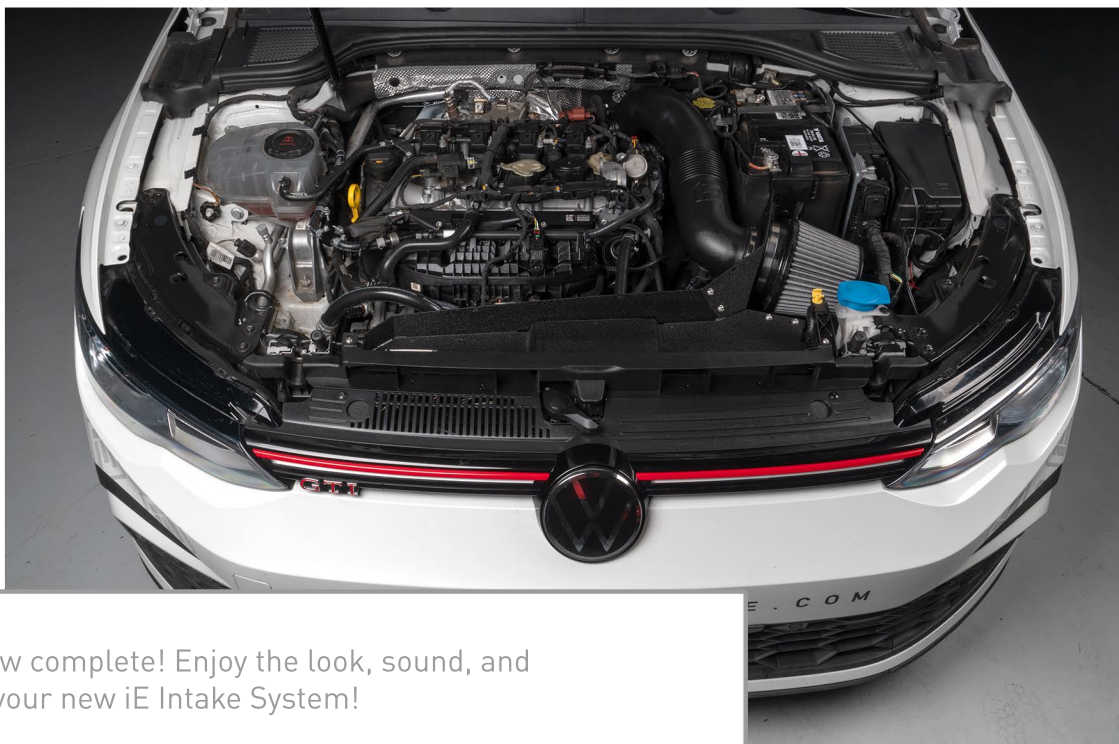


17



Install four 4mm button head screws with washers to join the filter and front inlet portions of the intake together.

18



Installation is now complete! Enjoy the look, sound, and performance of your new iE Intake System!

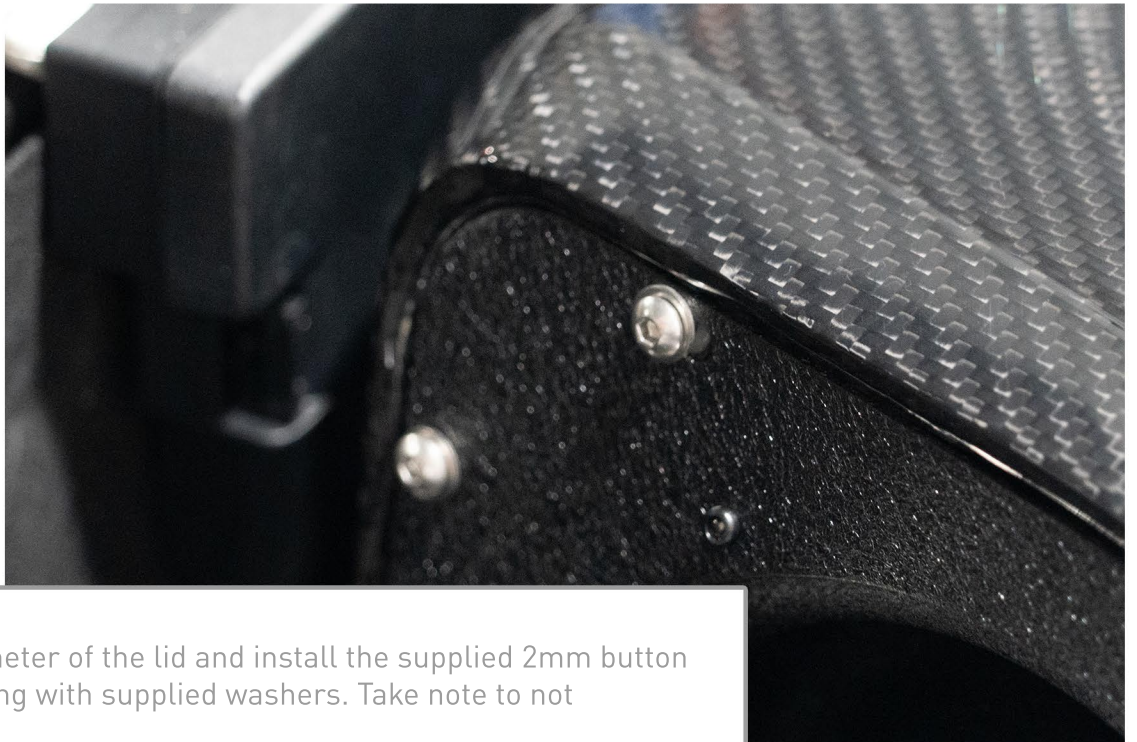


19



If you purchased the optional carbon lid, you can now lower your carbon lid into place and get it oriented properly where the fastener holes align.

20



Follow the perimeter of the lid and install the supplied 2mm button head screws along with supplied washers. Take note to not overtighten.



ENJOY!

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HOW WAS YOUR INSTALL?



Stoked?

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Bummed?

Sorry, let us make it right.
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