



PERFORMANCE BY
**INTEGRATED
ENGINEERING**

IE VW 1.4T Cold Air Intake Install Guide IEINCI4

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of IE's Cold Air Intake Kit for VW Jetta 1.4T applications. This kit needs to be installed by a professional or an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.

Required Tools:

- Flathead screwdriver
- Phillips screwdriver
- T25 torx driver
- OE hose clamp tool or pliers

Included Components:

- 1X Main heat shield assembly
- 1X 2.5" Straight Intake Pipe
- 1X Velocity stack silicone coupler
- 1X Turbo silicone coupler
- 1X 5" Inlet performance air filter w/ hose clamp
- 1X Intake trim seal
- 1X IE OE style Rubber mount grommet
- 1X Large rubber insert grommet
- 1X Small rubber insert grommet
- 1X Metal sleeve for large insert grommet
- 1X Large washer
- 1X T25 torx screw
- 1X 90 degree vacuum fitting
- 1X silicone vacuum hose
- 1X Heatshield trim seal
- 1X 80-100mm hose clamp
- 1X 60-80mm hose clamp
- 2X 50-70mm hose clamp

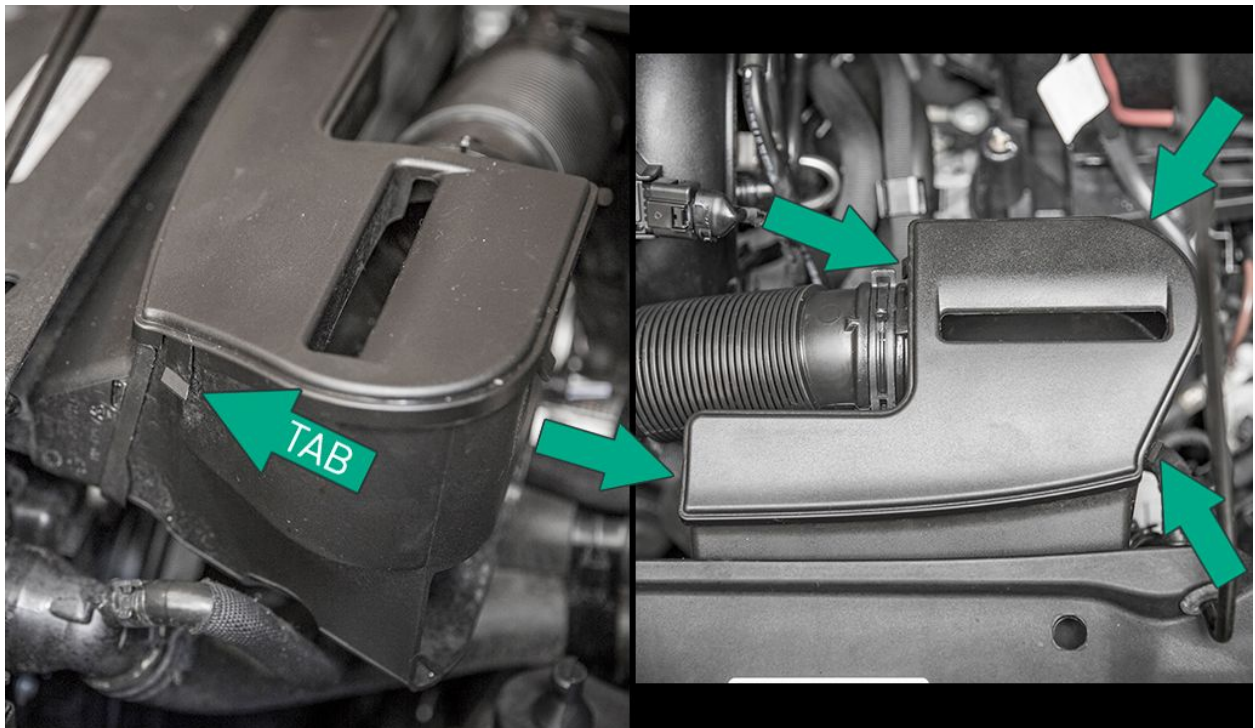
Before you begin, open your IE Cold Air Intake Kit, inspect all components, and verify their quantities.



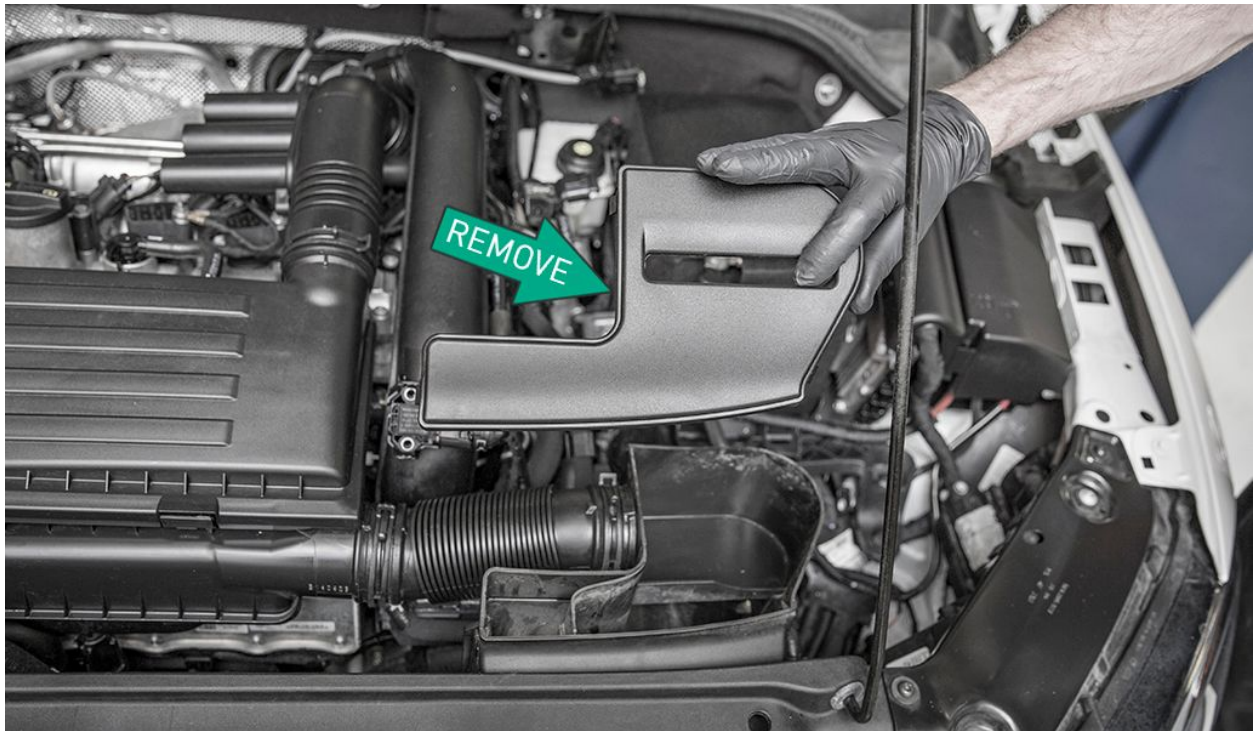
Park your car on level surface and apply the parking brake. It is also recommended to allow the car to cool before beginning this install procedure.



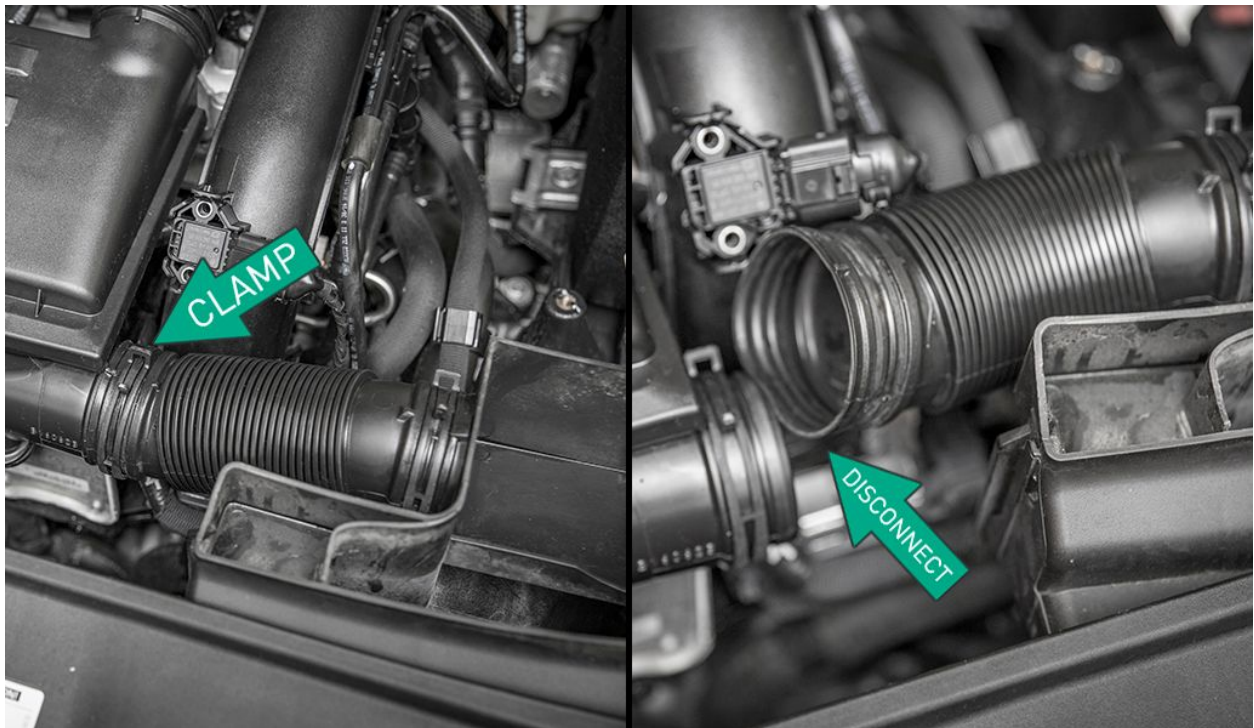
Begin by pulling back on the 4 tabs to release the intake snorkel lid.



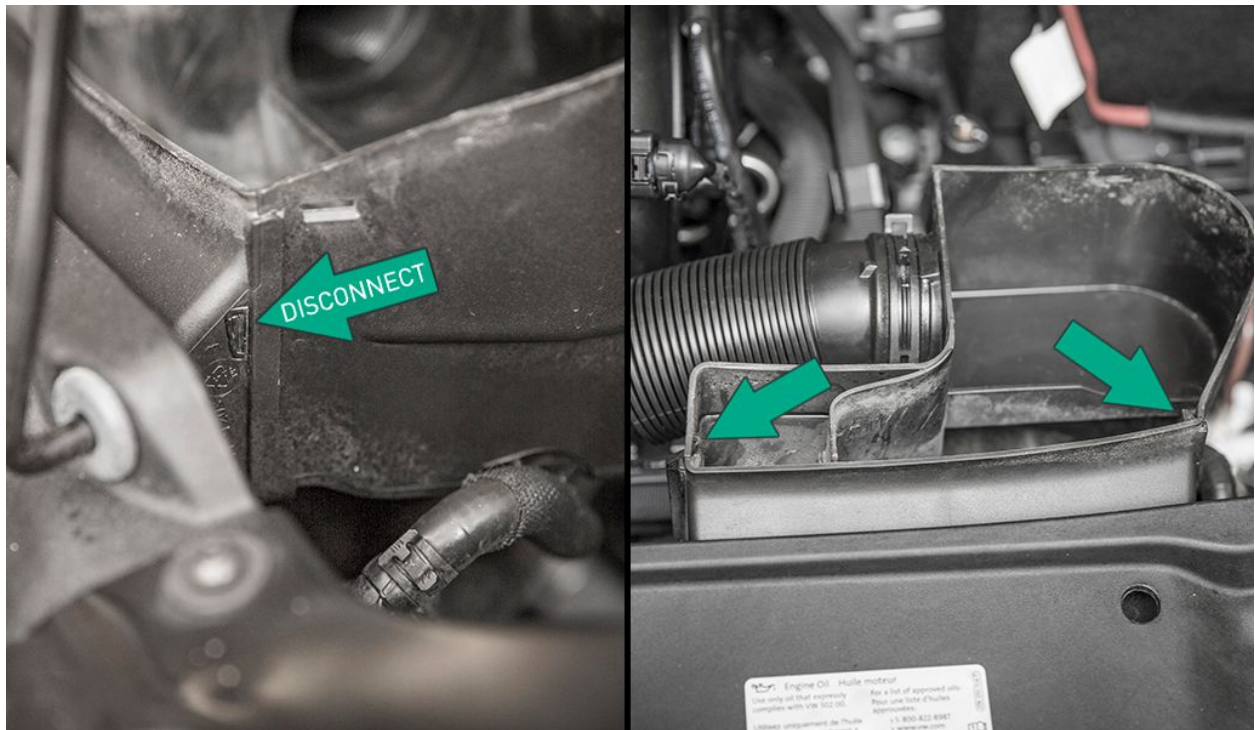
Once all tabs are released, remove the lid from the intake snorkel.



Using a hose clamp removal tool or pliers, release the intake hose clamp and disconnect the hose from the air box.



Disconnect both tabs on the air snorkel with a flathead screwdriver to release it from the front inlet.



When the two halves are separated, remove the air snorkel from the vehicle.



Remove both T25 screws from the sides of the front air inlet.



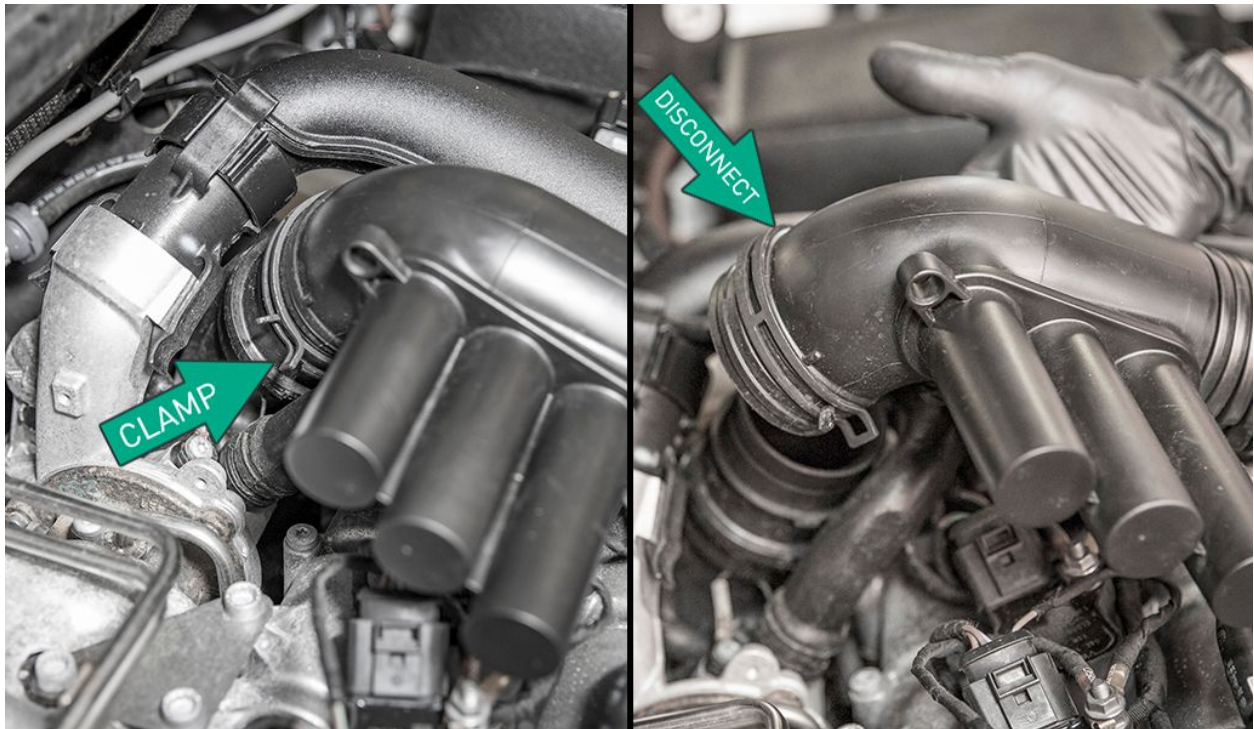
With the screws removed, you can now remove the air inlet from the front of the vehicle.



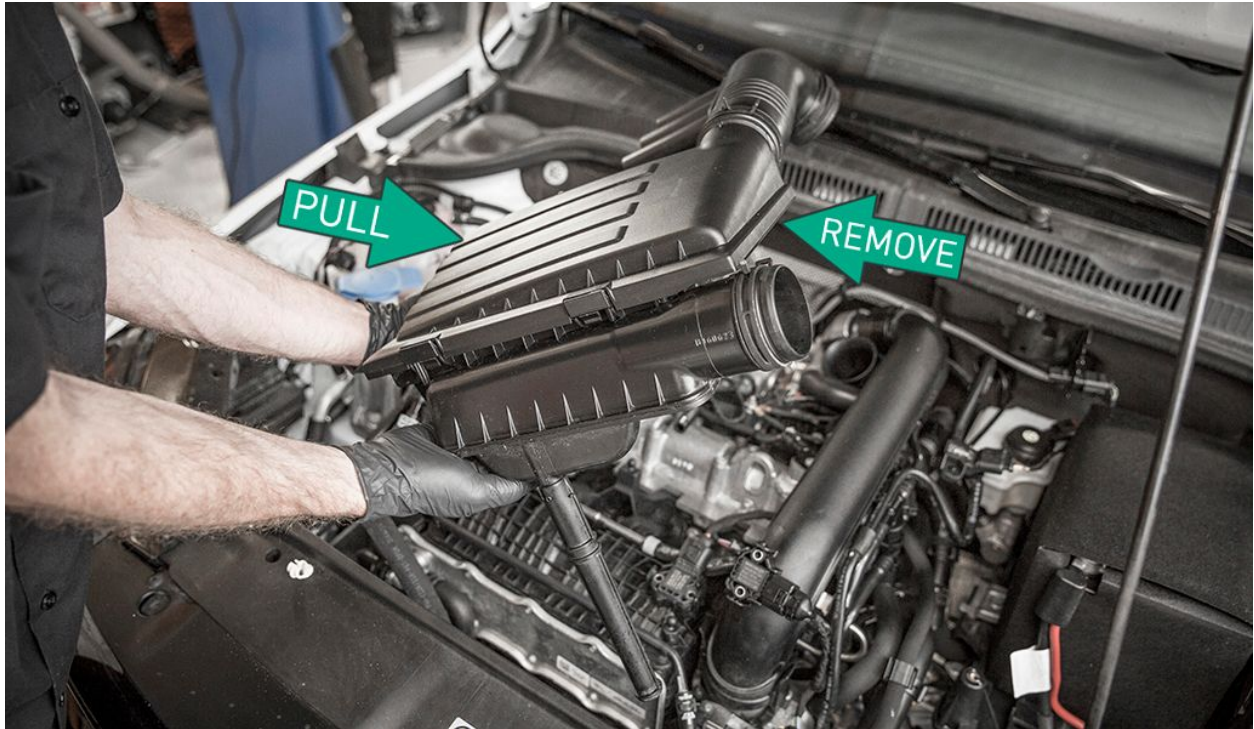
Carefully pull back on the vacuum line to disconnect it from the air box.



Release the hose clamp and disconnect the airbox to turbo inlet pipe.



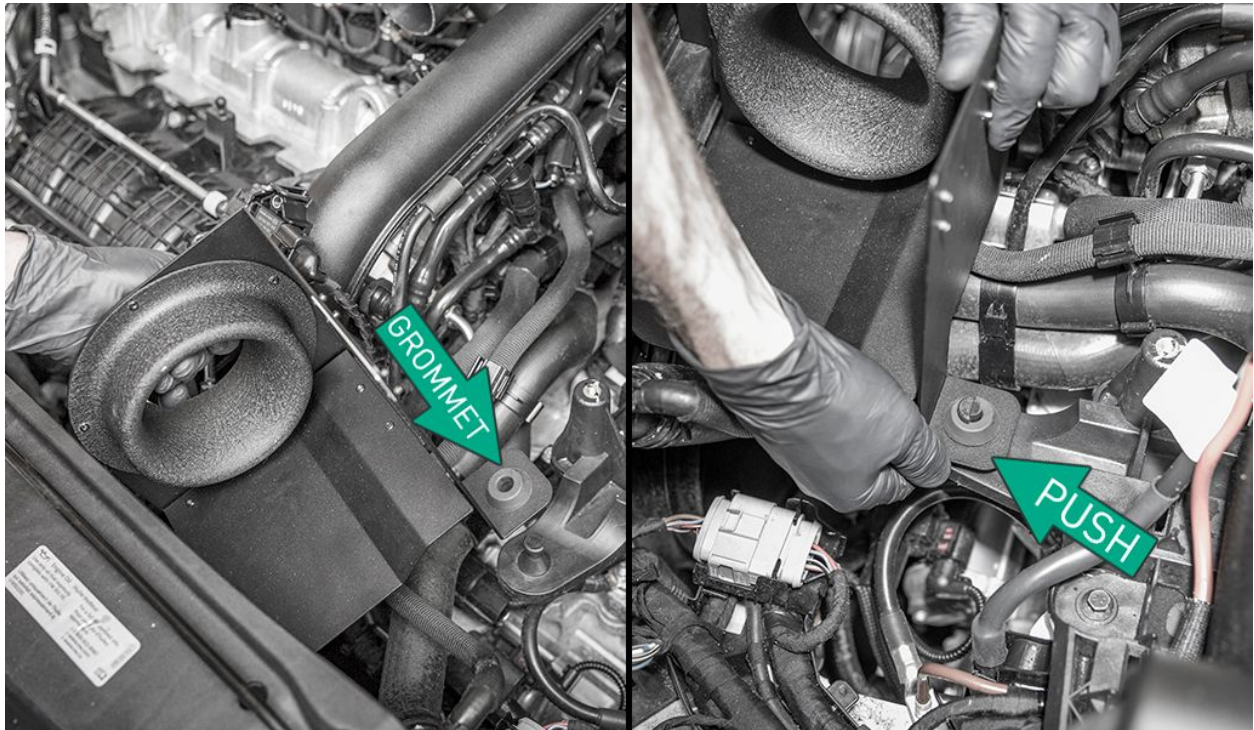
The airbox will now be held down by 3 factory grommets. Carefully pull up from each corner to release it from the grommets and remove from car.



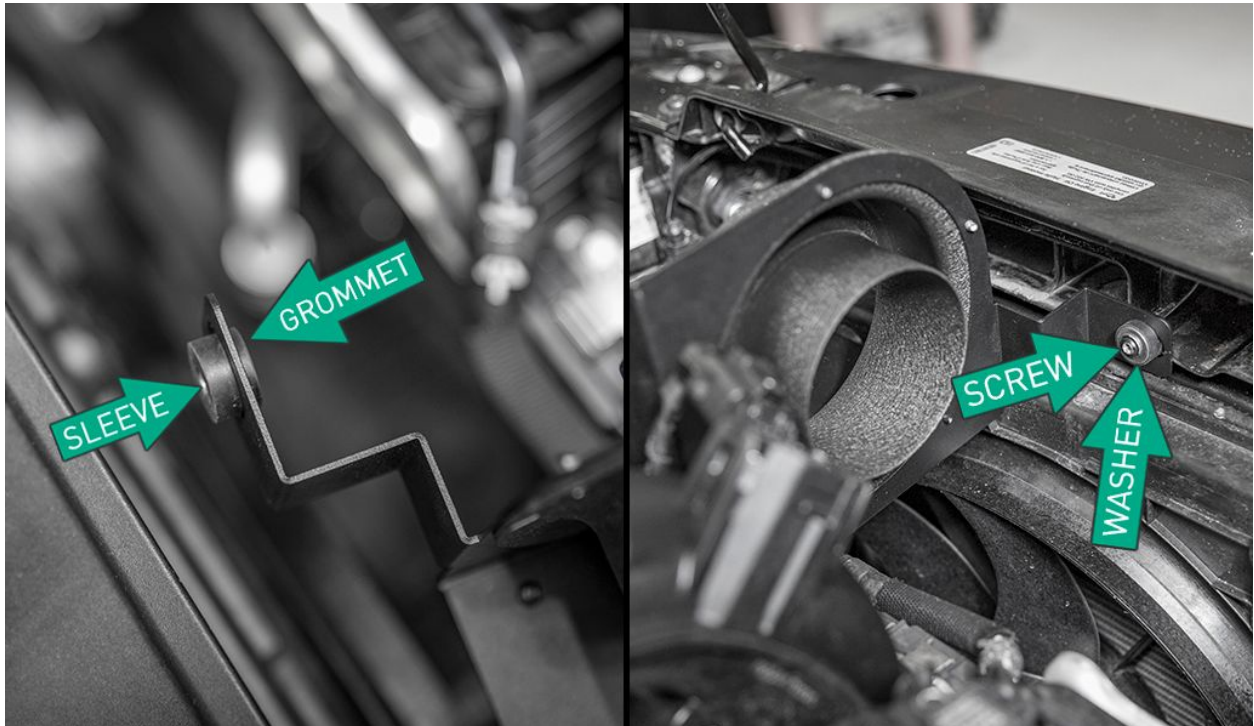
Remove the vacuum line from the factory valve cover, be careful not to break the plastic vacuum barb.



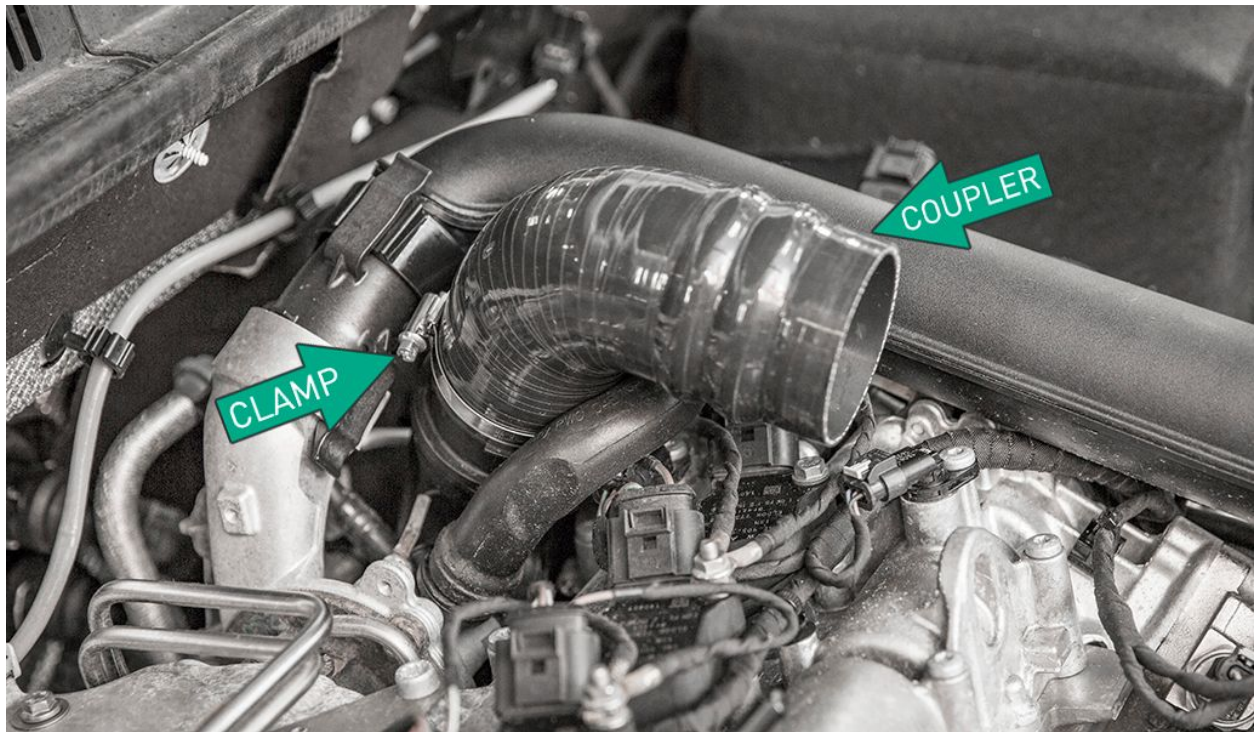
Ensure the IE grommet is installed on the IE heatshield bottom bracket with the tapered side facing up. Line the grommet up with the factory grommet post on the battery tray, and push down to install.



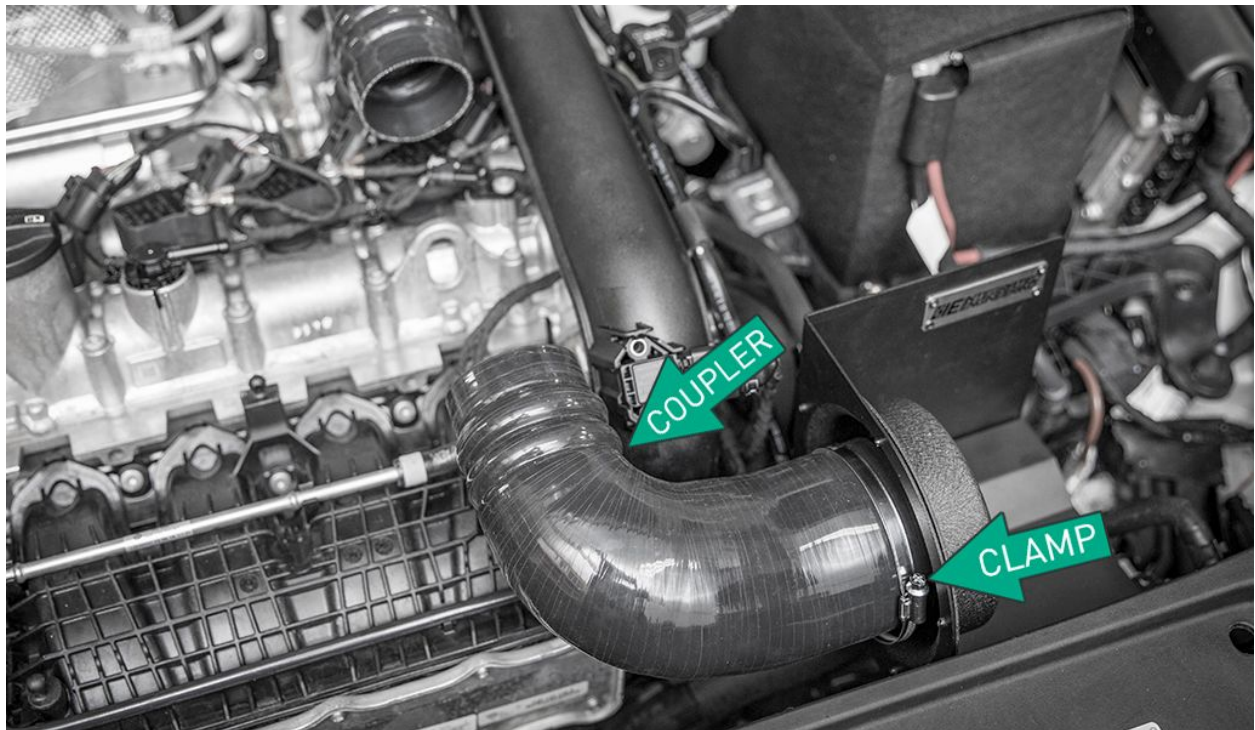
Install the larger rubber insert grommet and aluminum sleeve to the heatshield bracket with the larger side facing the front of the vehicle. Install to the radiator support with included T25 screw and large washer.



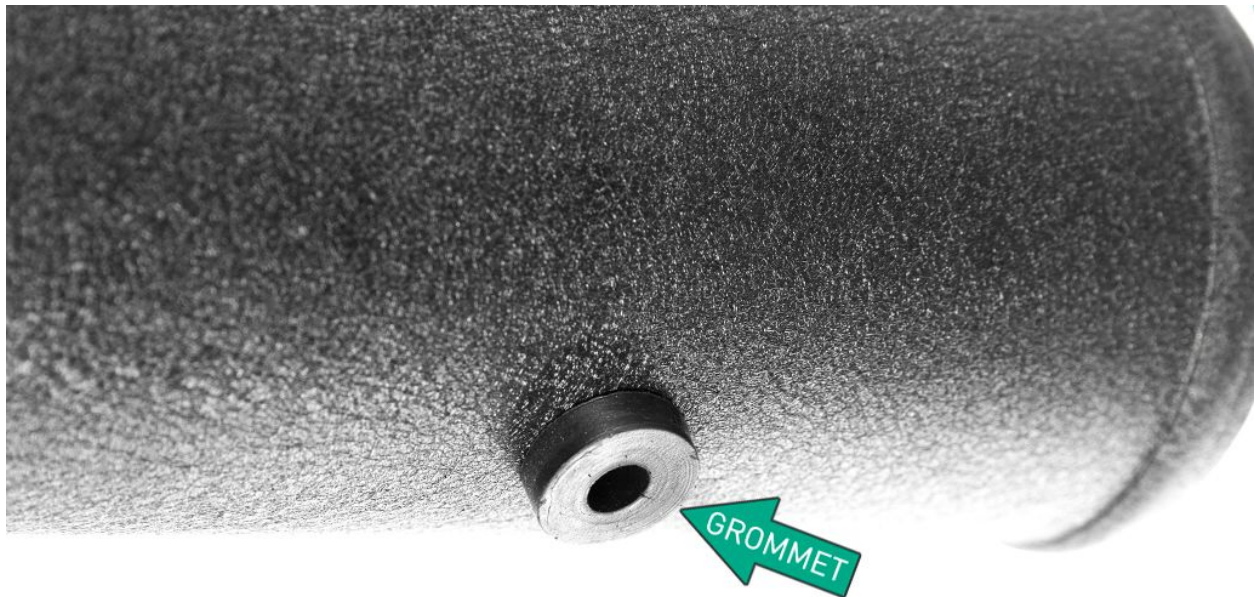
Install the 90 degree turbo silicone coupler with 50-70mm clamp. *Note: Do not tighten clamp in this step.*



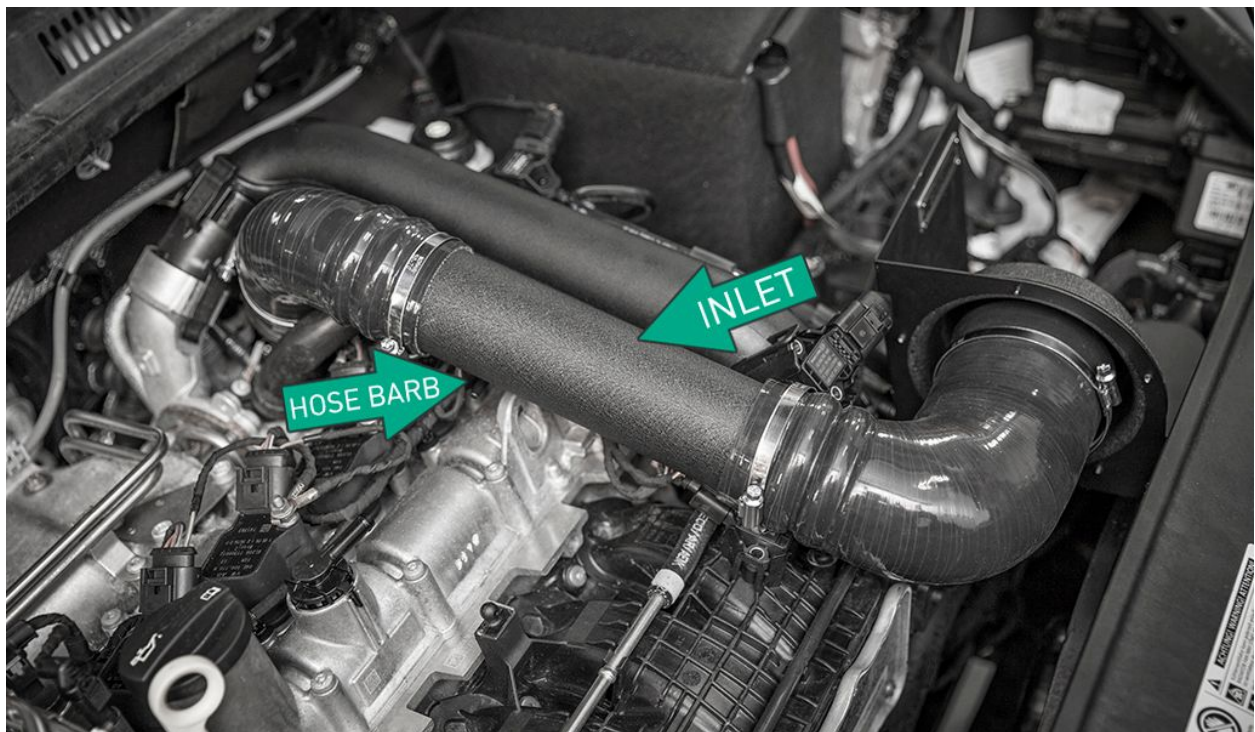
Install the 90 degree velocity stack coupler to the IE heatshield with 80-100mm clamp. *Note: Do not tighten hose clamps in this step.*



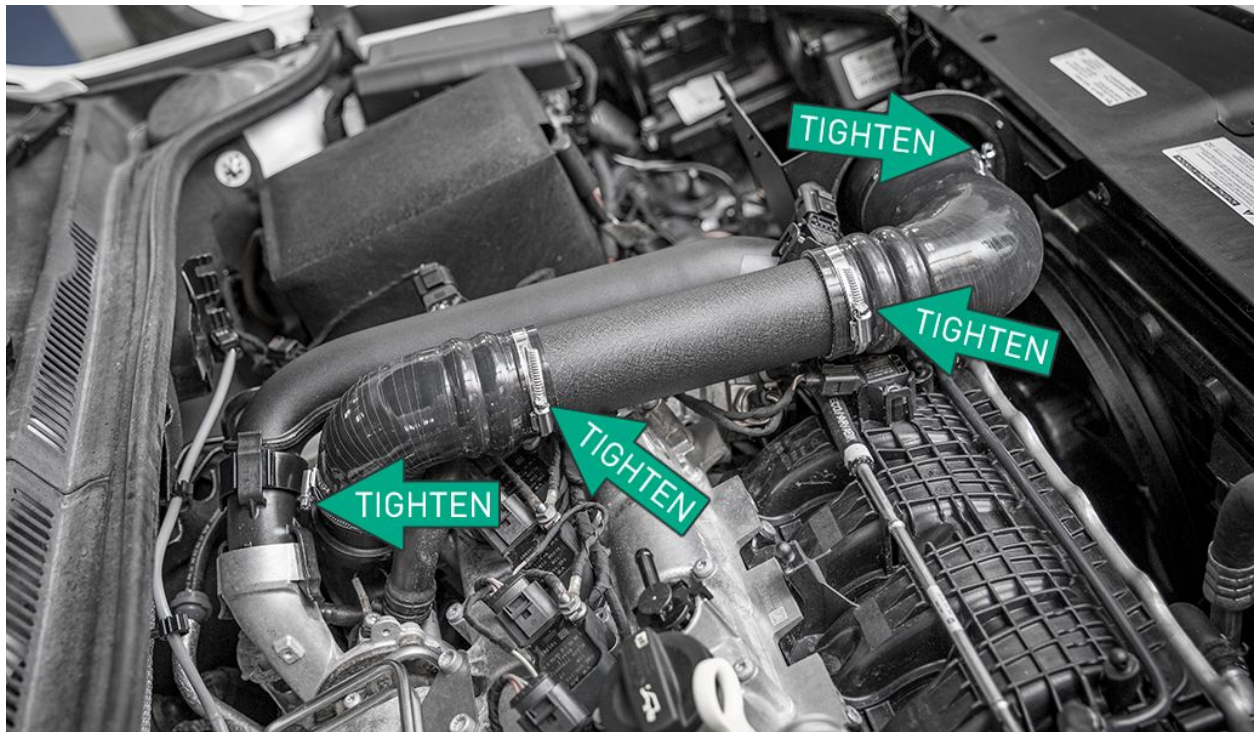
Install the small rubber insert grommet to the IE inlet pipe with the larger side facing out.



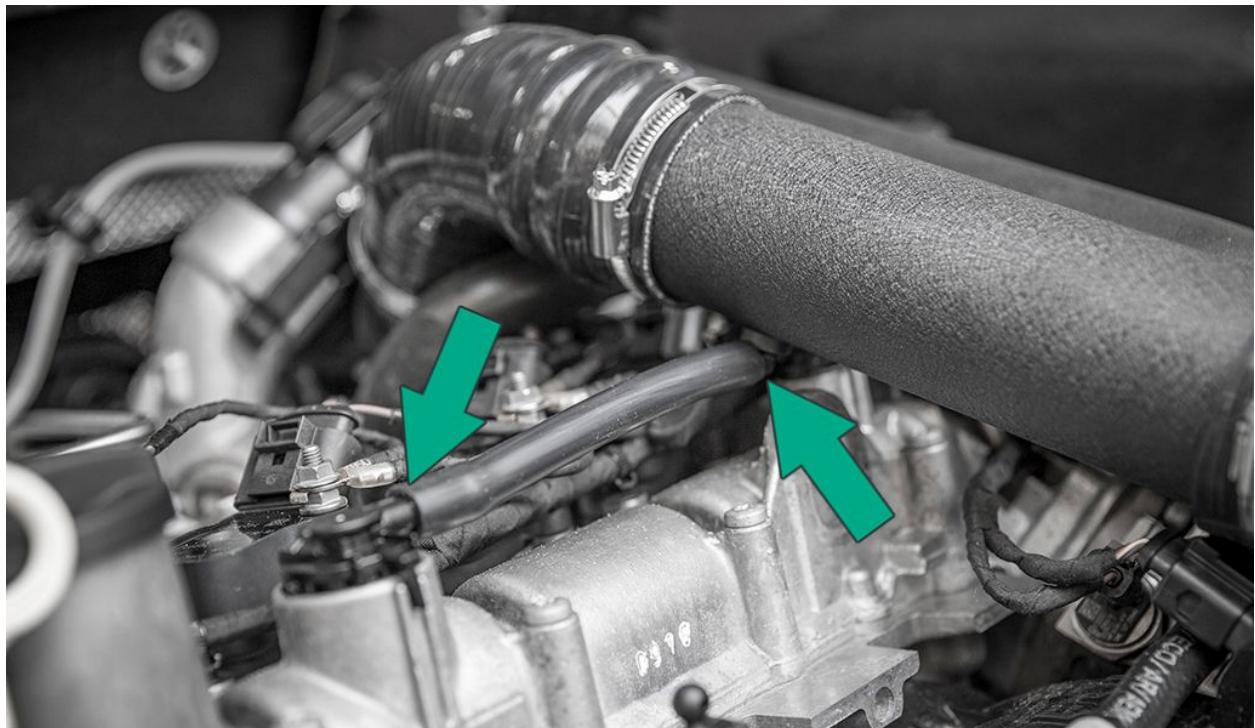
Install the IE inlet pipe and both 50-70mm hose clamps. Install the 90 degree hose barb to the rubber grommet insert closest to the turbo side.



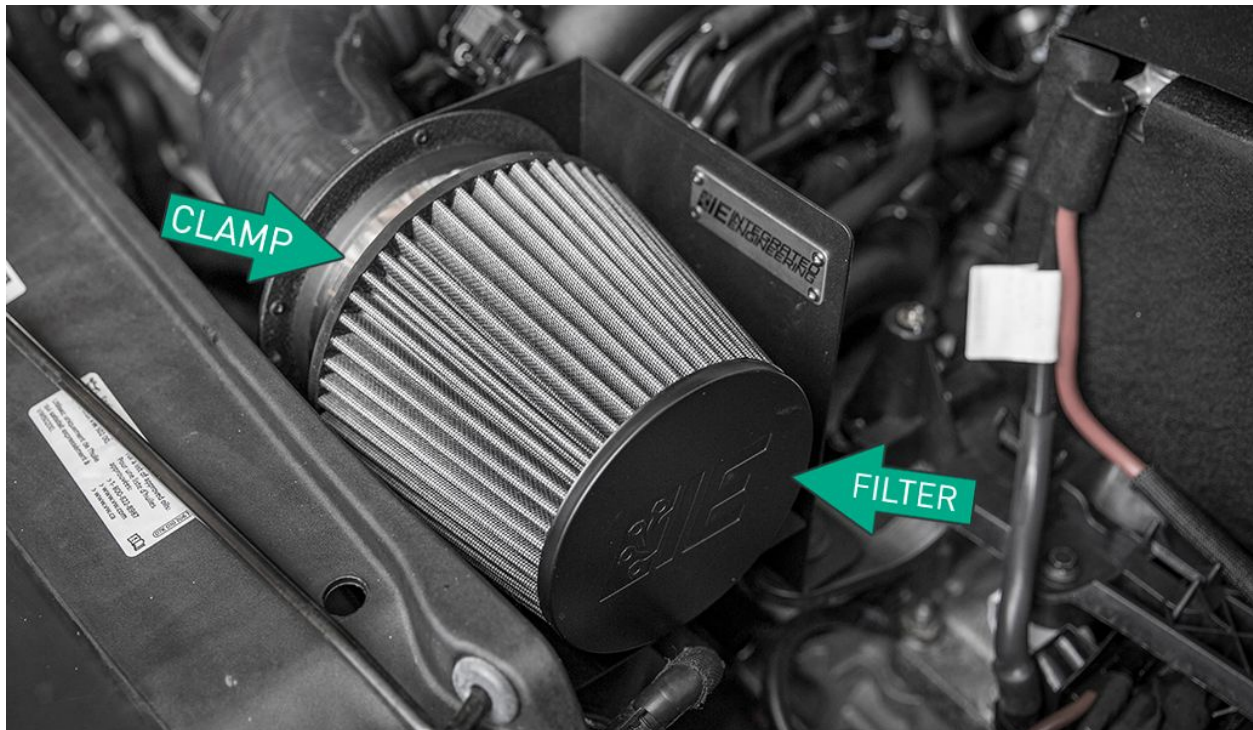
Adjust the position of the intake silicone and inlet making sure it is not pulling or bound and that it sits freely and without tension. Once you are happy with the intake position, firmly tighten all hose clamps with a screwdriver. *Note: Do not over-tighten hose clamps.*



Push the new silicone vacuum line onto the factory valve cover barb and new 90 degree barb on the IE inlet pipe.



Install the air filter and clamp onto velocity stack. For maximum horsepower output, make sure the IE logo on the filter is positioned into a legible position before tightening the hose clamp.



Install the trim seal at one end of the heat shield and push down firmly on the seal to lock it into place around the edge.



Verify all hose clamp connections are tight, and that your intake is fully installed. Start the car and inspect for any leaks or rubbing components. Enjoy the performance, looks, and sound of your new IE Cold Air Intake!



Thank you for purchasing another Integrated Engineering product. We are dedicated to serving your VW/Audi engine and 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.

Integrated Engineering
801.484.2021
sales@performancebyie.com
www.performancebyie.com