

## **IE B9 A4/A5 Cold Air Intake Install Guide**

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 Audi B9 A4/A5 2.0T 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:**

- T25 torx driver
- Flathead screwdriver
- 5mm allen wrench
- 4mm allen wrench
- Ratchet socket wrench
- 8mm socket
- 10mm socket

### **Included Components:**

- 1X Main heat shield assembly
- 1X Intake inlet channel
- 1X Silicone turbo inlet pipe assembly
- 1X 5" Inlet performance air filter
- 1X Turbo heat shield
- 1X Intake trim seal
- 2X Aluminum grommet mount pins
- 2X Turbo heat shield aluminum spacers
- 1X Air filter hose clamp
- 1X 60-80mm hose clamp
- 1X 80-100mm hose clamp
- 1X Rubber isolator stud
- 3X M6x18mm button head bolts
- 2X M6 nylon locknuts
- 1X M6x55mm allen head bolt
- 1X M6 hex nut
- 2X M5x16mm button head bolts
- 2X M5 nylon lock nuts
- 3X M6 flat washers

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.



Remove the hood release lever by depressing the tab on the rear and carefully pulling up.

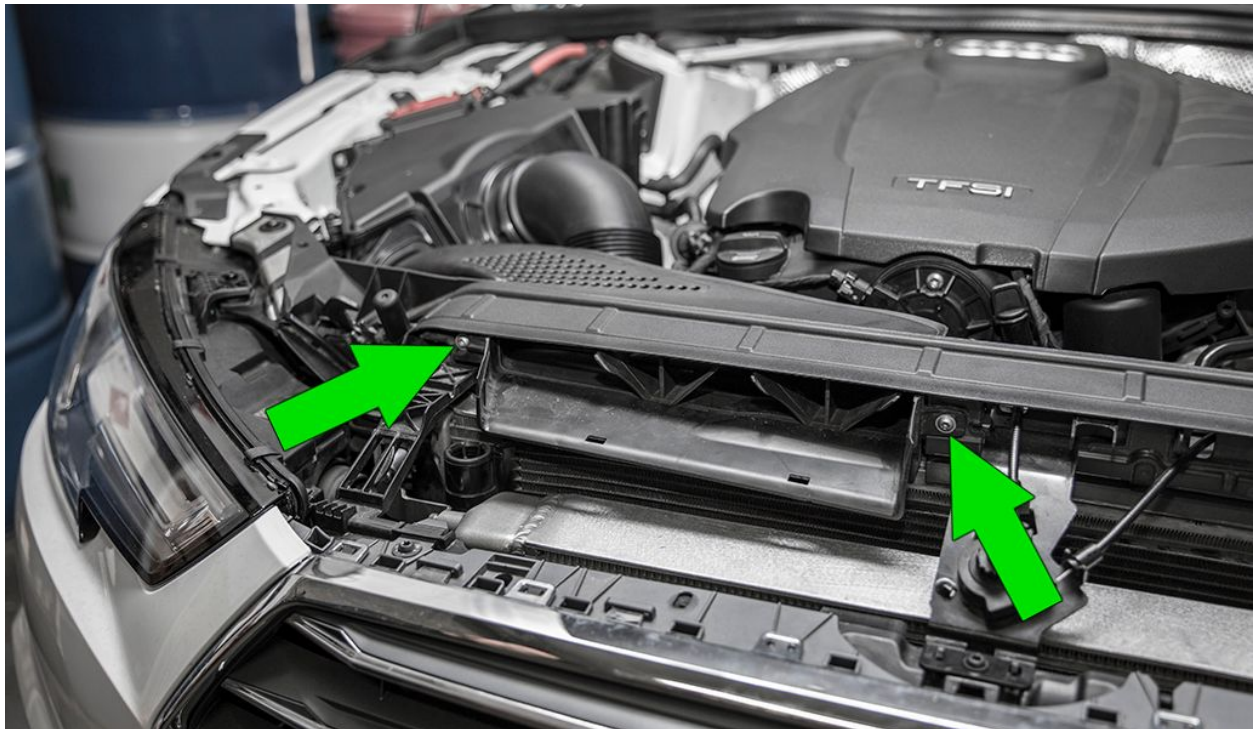




Slide forward and pull to remove the radiator support cowl.



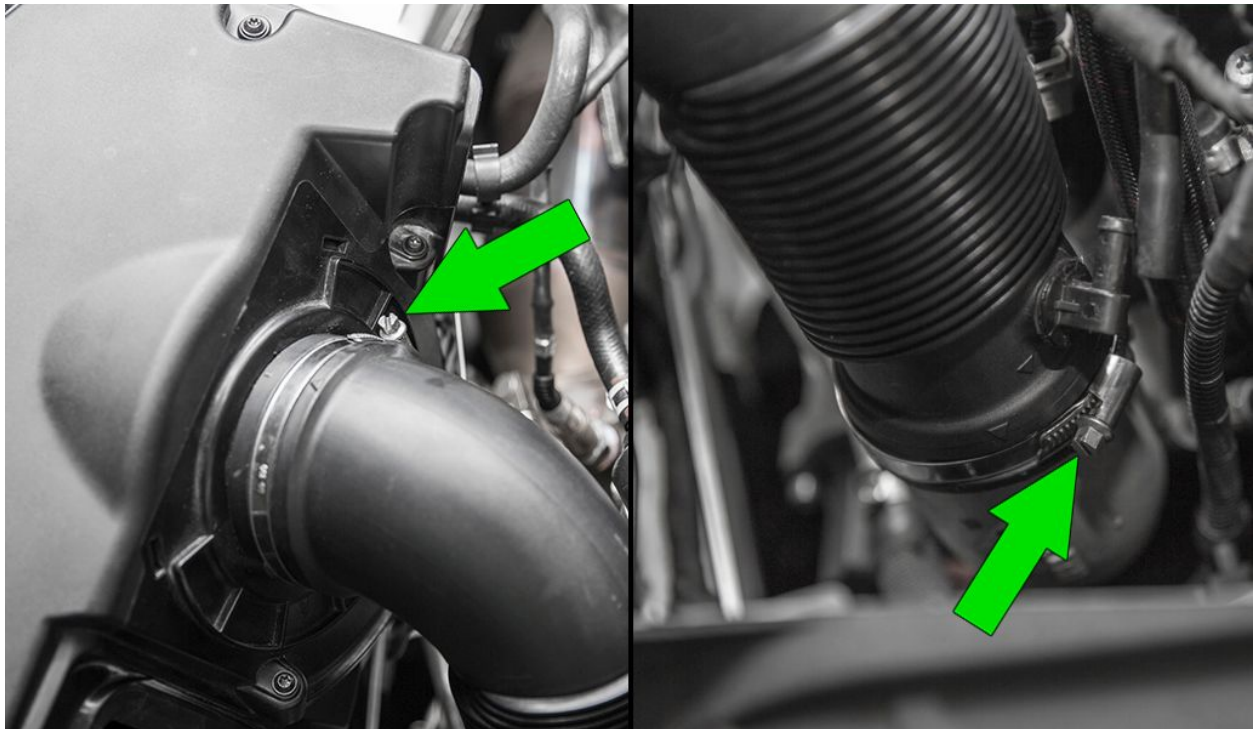
Remove the two bolts from the intake snorkel using a T25 torx driver.



Lift from the corner to release and remove the intake snorkel completely.



Loosen the two hose clamps from the turbo inlet coupler with a flathead screwdriver.





Pull to disconnect the vacuum line from the turbo inlet pipe.



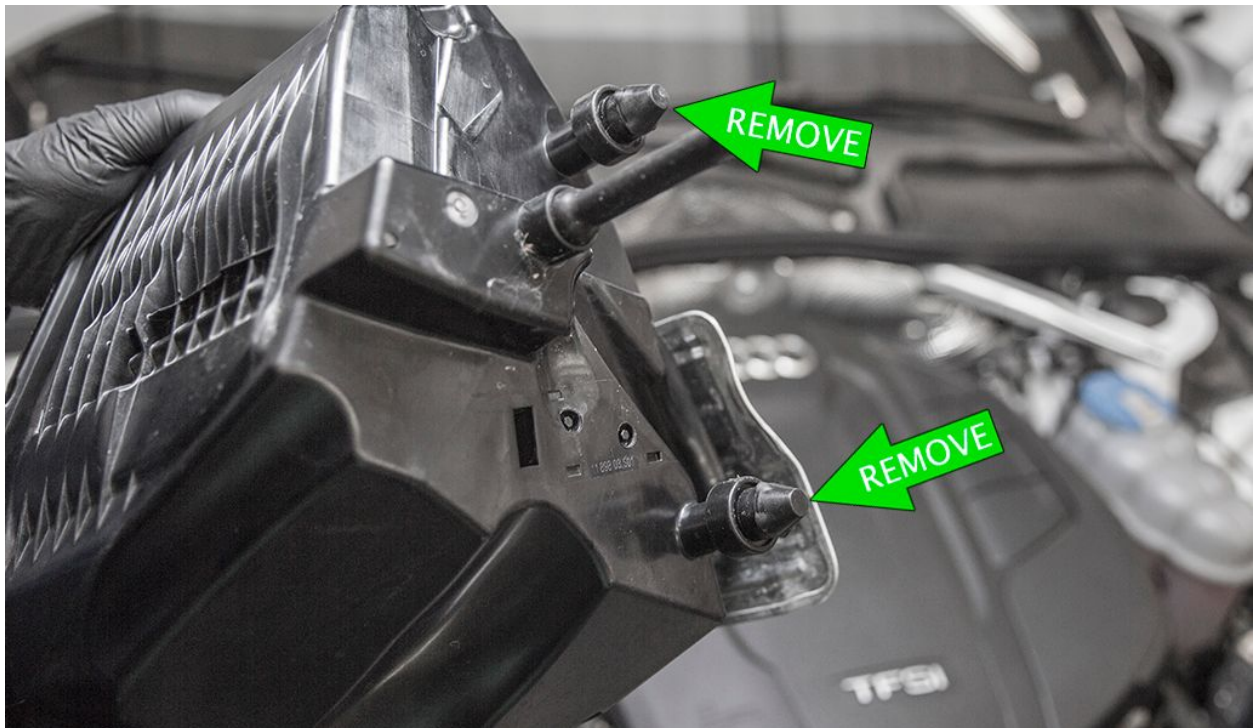
Disconnect the turbo inlet pipe from the airbox and turbocharger then remove it.



Carefully pull up to remove the factory airbox from the vehicle.



Carefully pull off the rubber grommets from the factory airbox, you will need to re-use these on your new IE intake. *(Note: If you don't see the grommets on the intake box, they may have stuck and stayed in the frame rail, pull to remove them from the frame rail instead).*

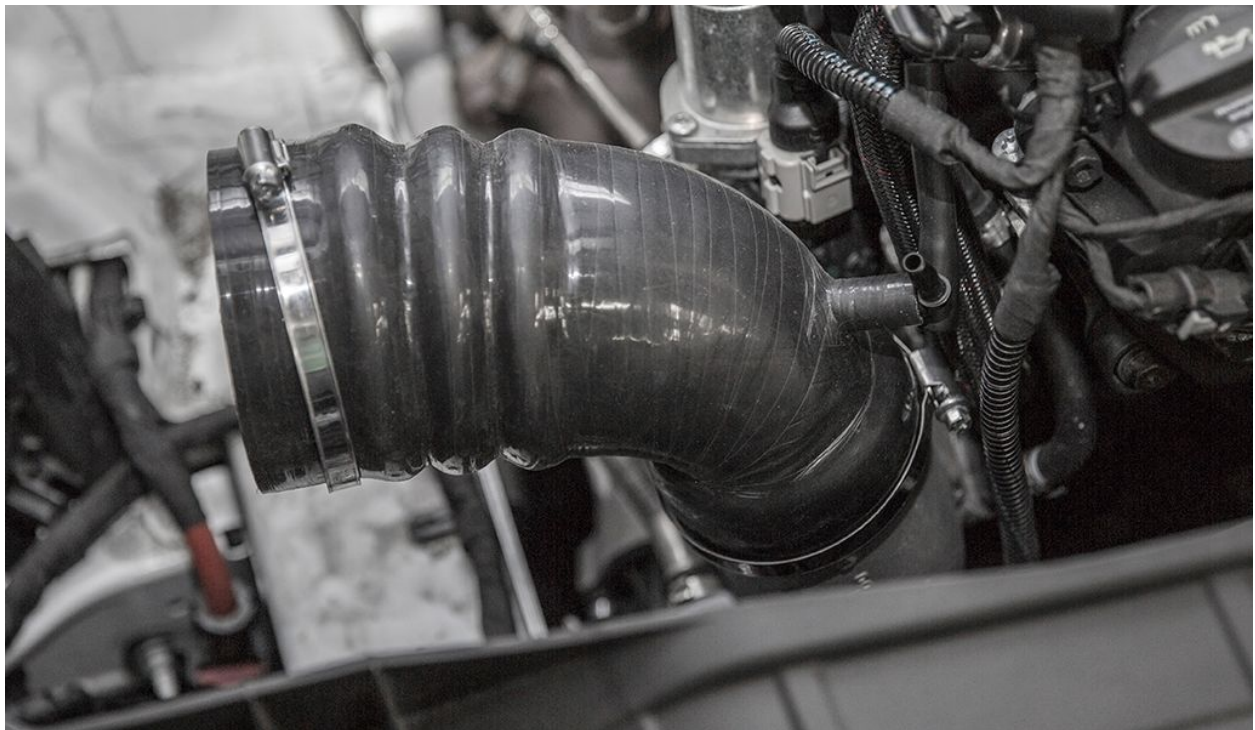




Loosely install the included 60mm-80mm hose clamp to the turbo side and the included 80mm-10mm hose clamp to the airbox side of the new turbo inlet silicone. Do not tighten hose clamps in this step.



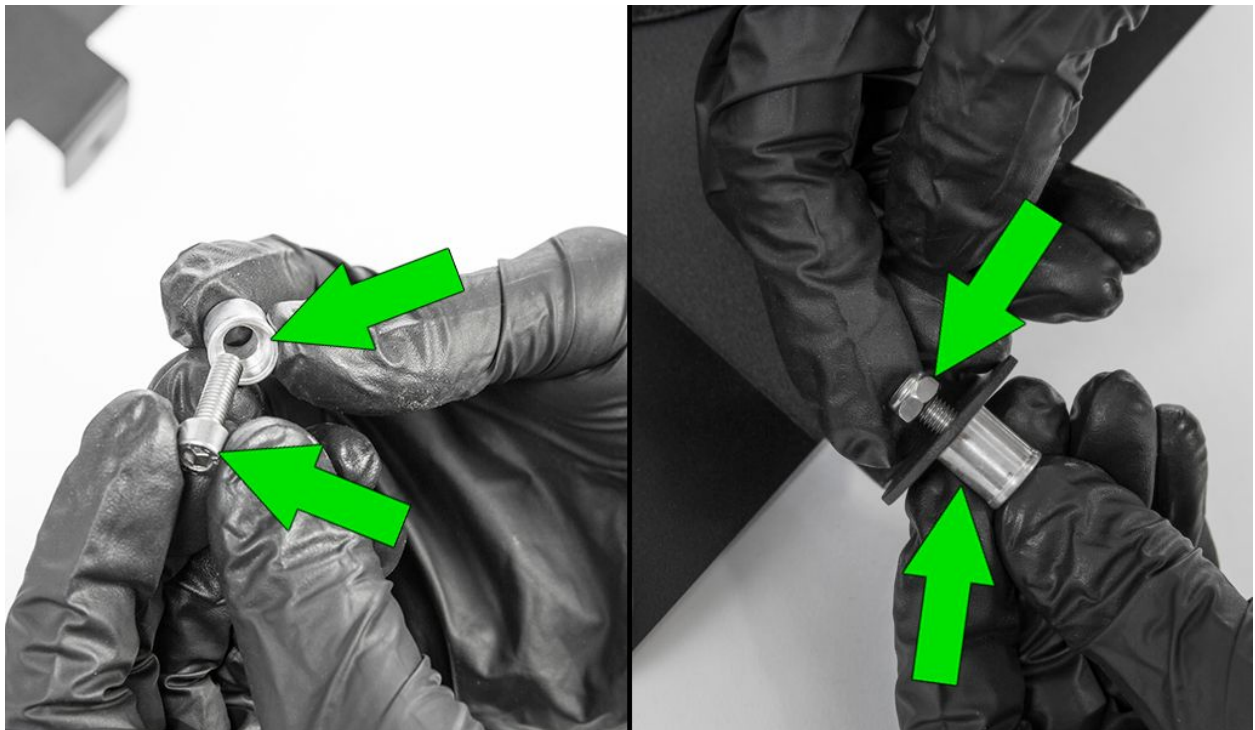
Seat the turbo inlet silicone over the turbocharger inlet. Do not tighten the clamp in this step.



Re-install the vacuum line onto the barb on the new turbo inlet silicone.

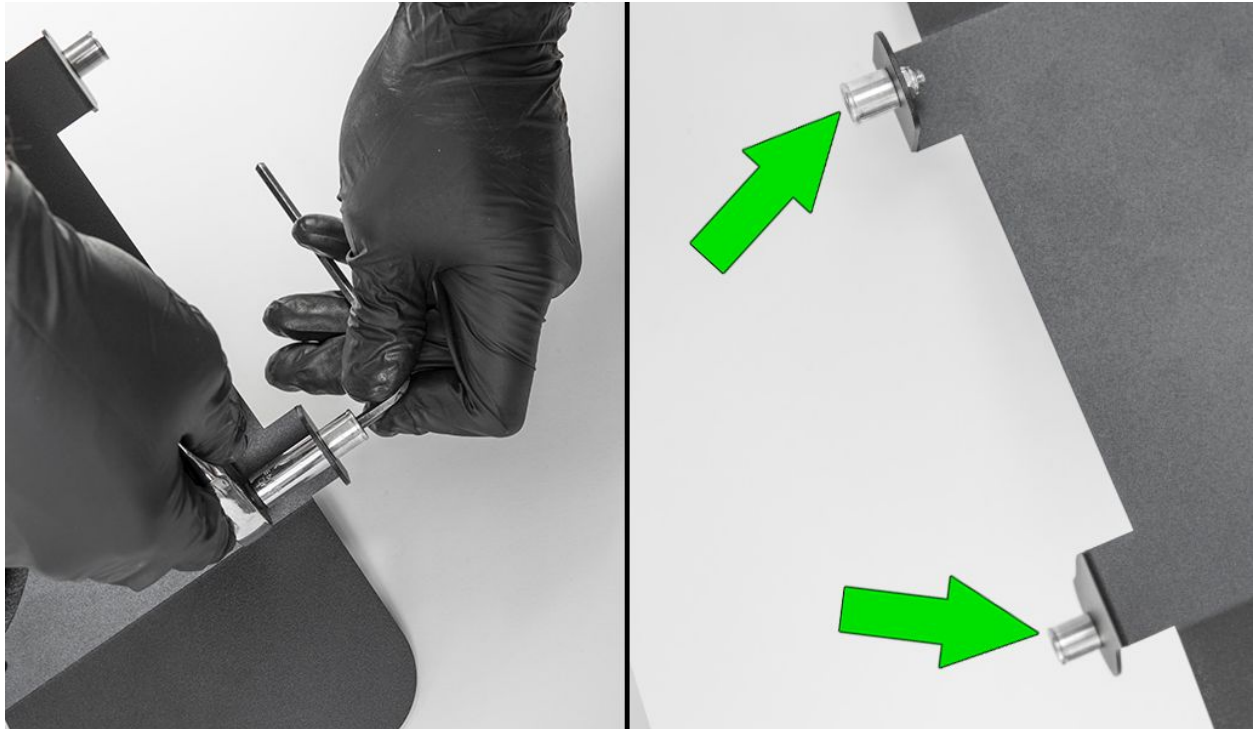


Now you will assemble your heat shield for installation. Begin by inserting the included M5x16mm allen head bolts into the pocketed side of the aluminum mounts. Install the mount onto the underside of the mount tabs on the IE main heat shield with the included M5 locknuts.

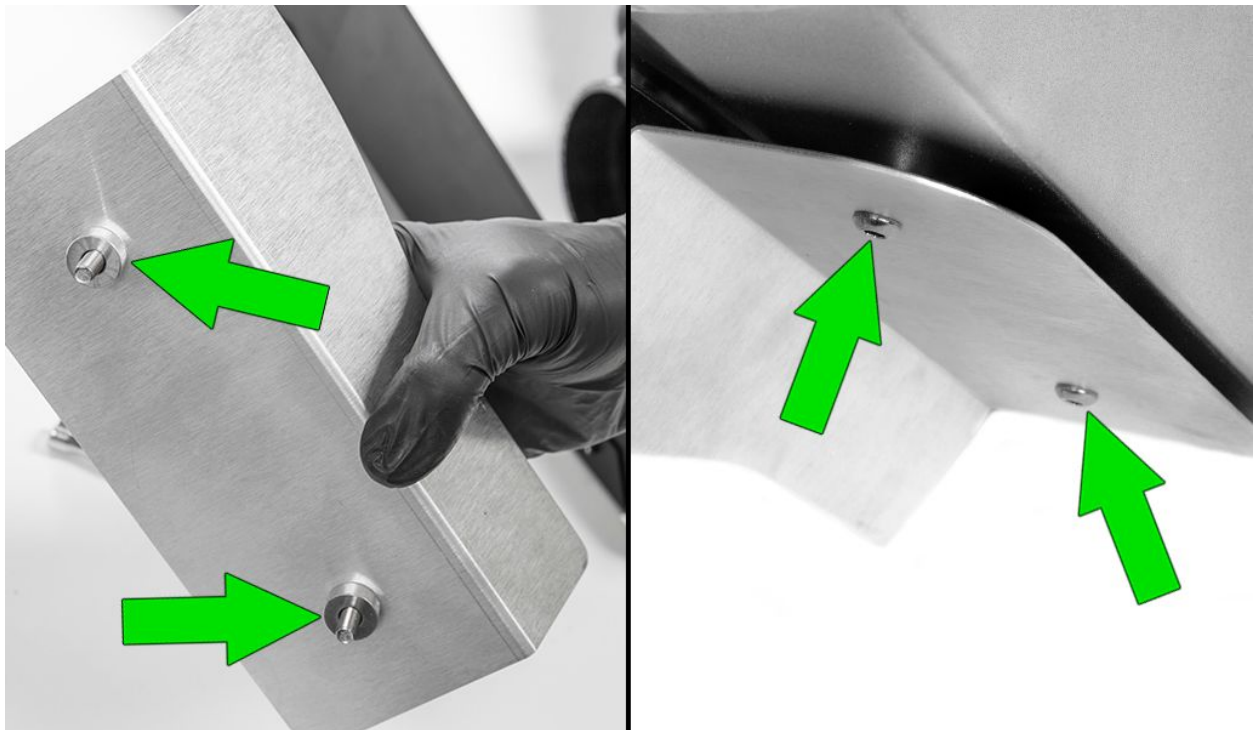




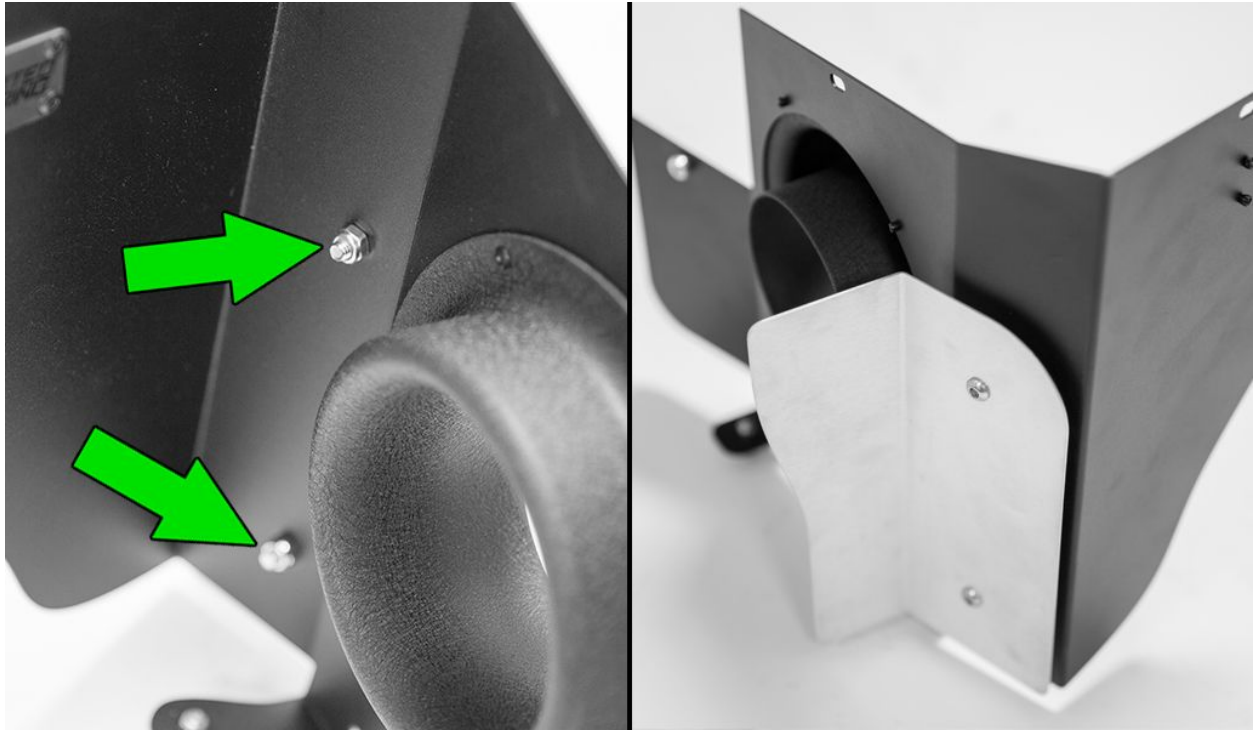
Using a 4mm allen wrench and 8mm socket, tighten both mount assemblies to the heat shield.



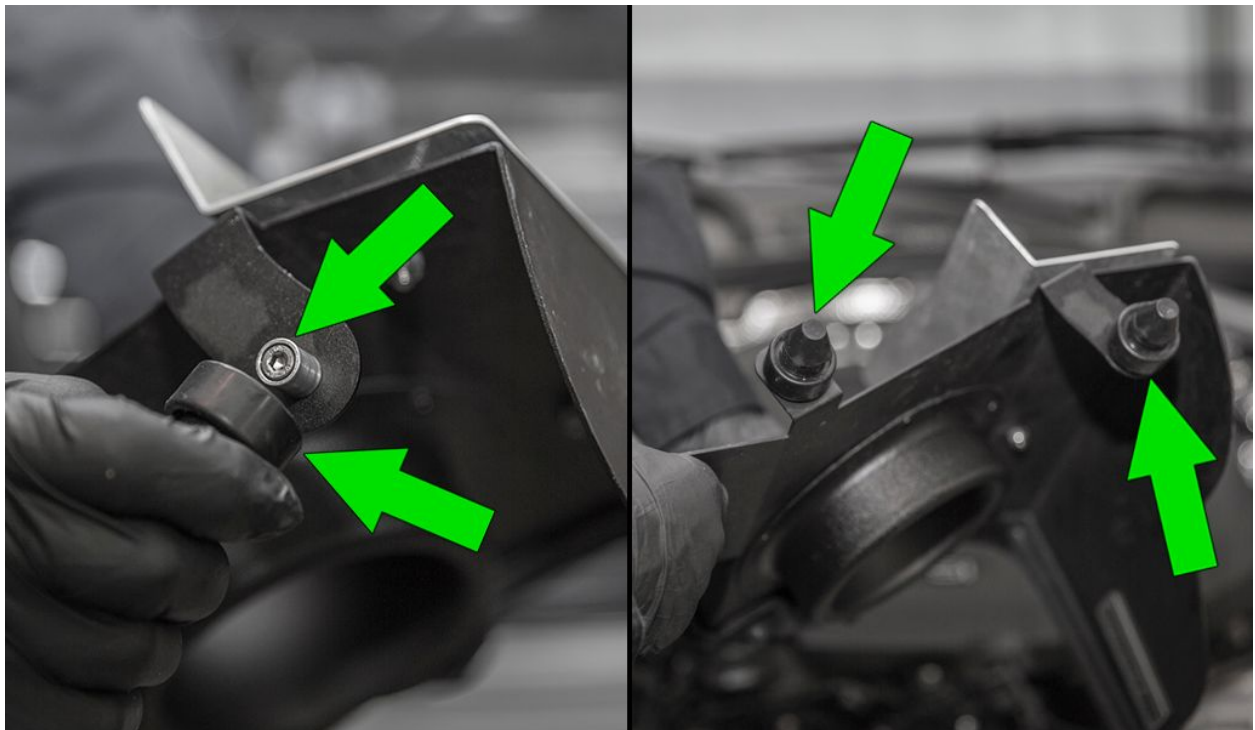
Use the included M6x18mm button head bolts and aluminum spacers to install the turbo heat shield to the main heat shield.



Install the included M6 locknuts and tighten the heat shield to the main heat shield firmly using a 10mm socket and 4mm allen wrench.



Reinstall the factory rubber grommets to the IE heat shield assembly by firmly pressing them onto the aluminum mounts.

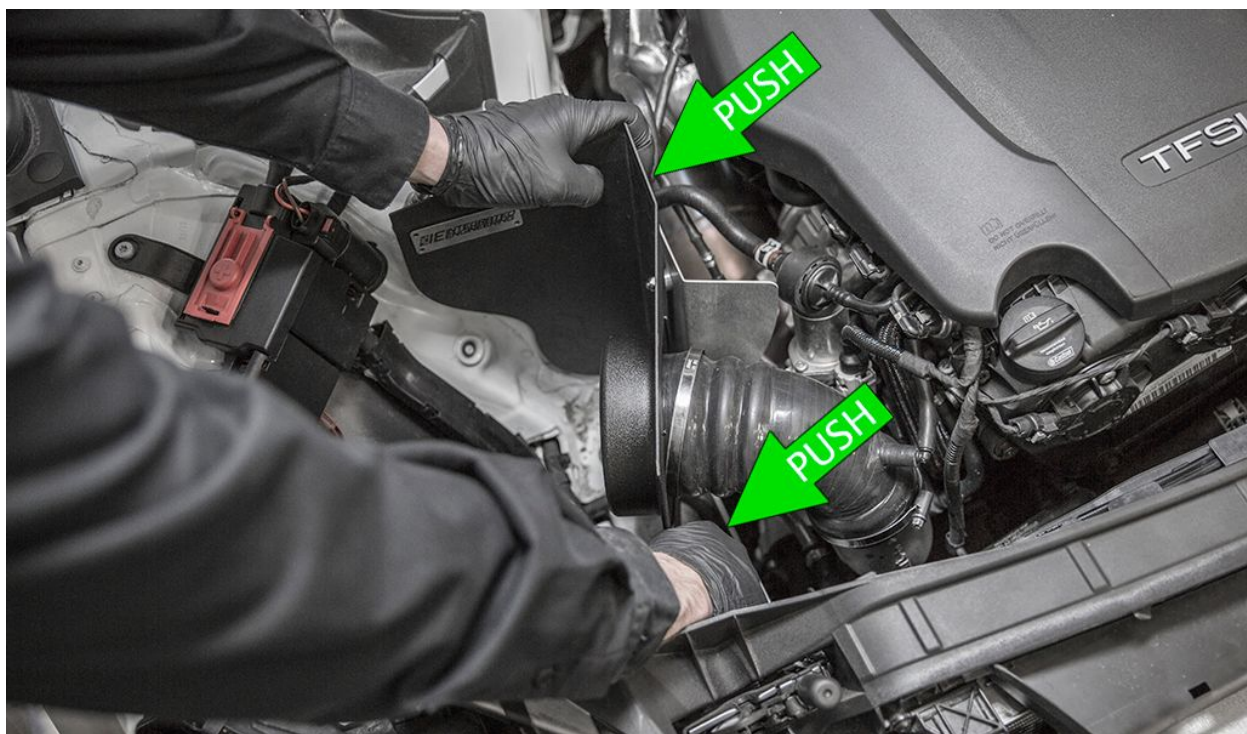




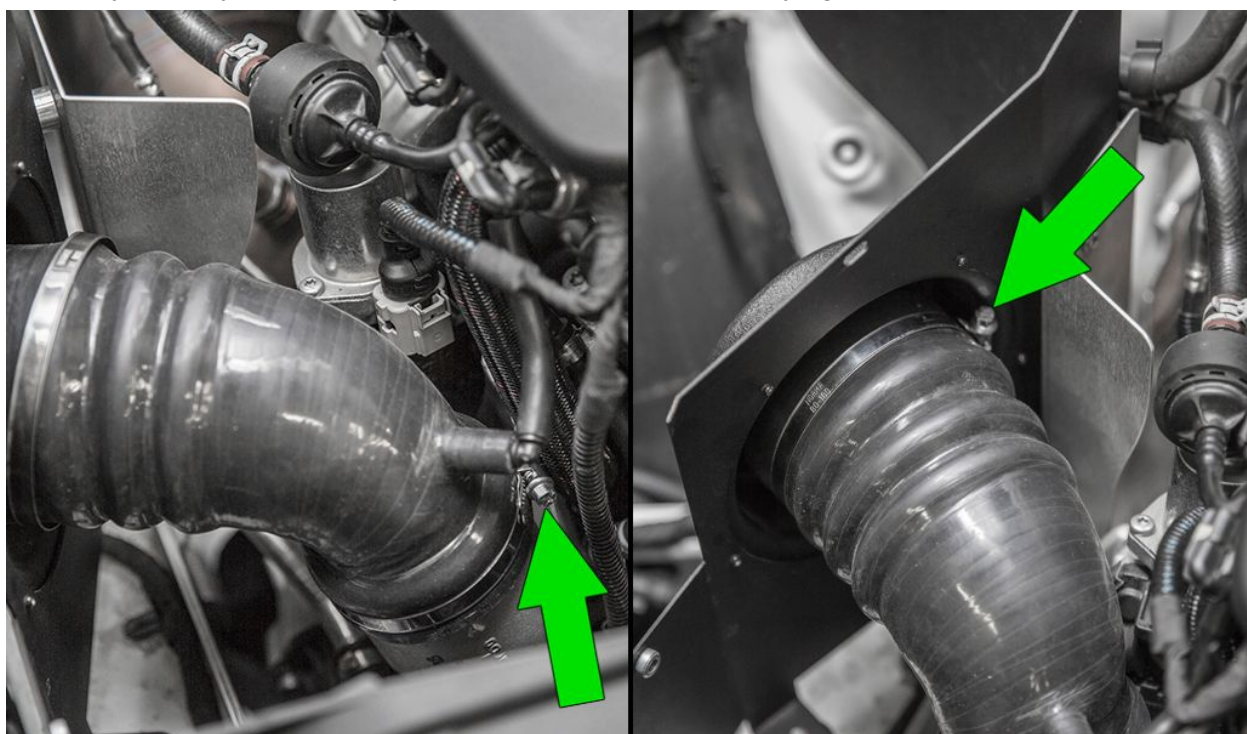
With the heat shield in place, (do not install the grommets to the vehicle in this step). Install the turbo inlet silicone to the velocity stack. Align the silicone so everything sits in place relaxed and without tension.



Align the grommets to the factory install points on the frame rail and firmly push down on the heat shield to lock them into place. This will install the same way as the stock airbox was previously.



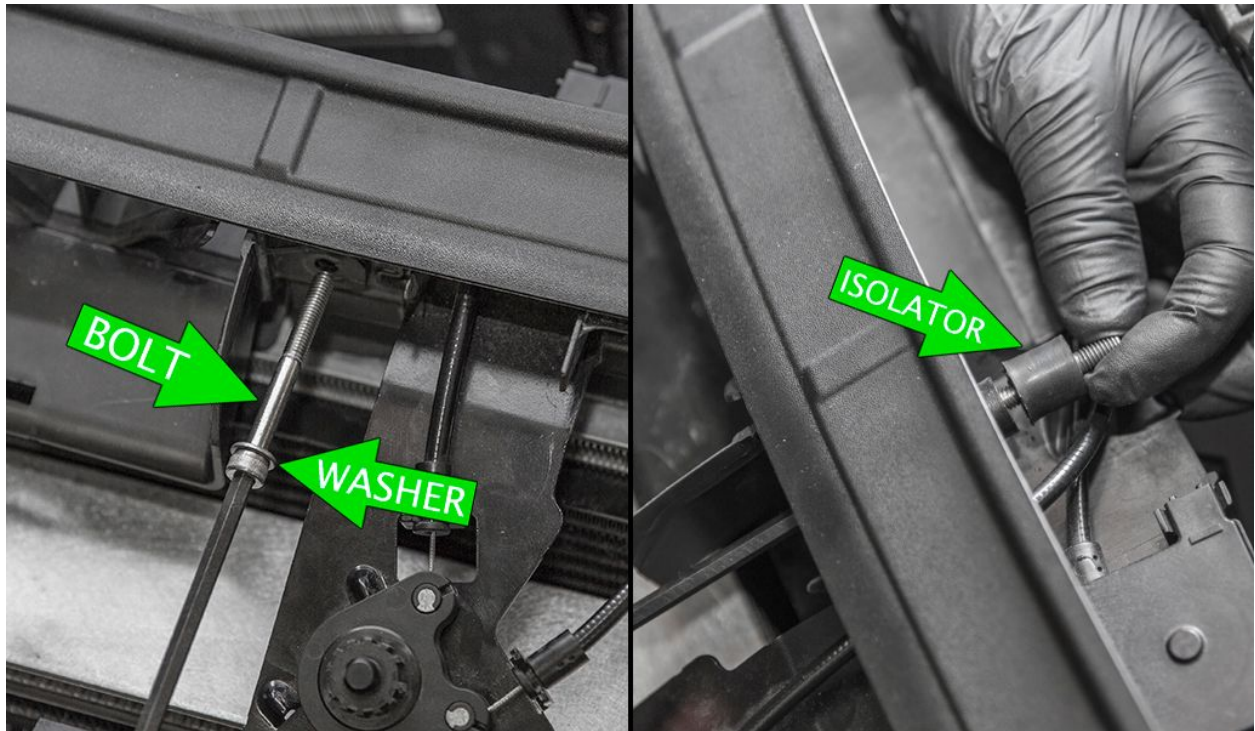
Double check the position of the intake silicone, make sure it is not pulling or bound and that it sits freely. Once you are happy with the intake position, firmly tighten both hose clamps.



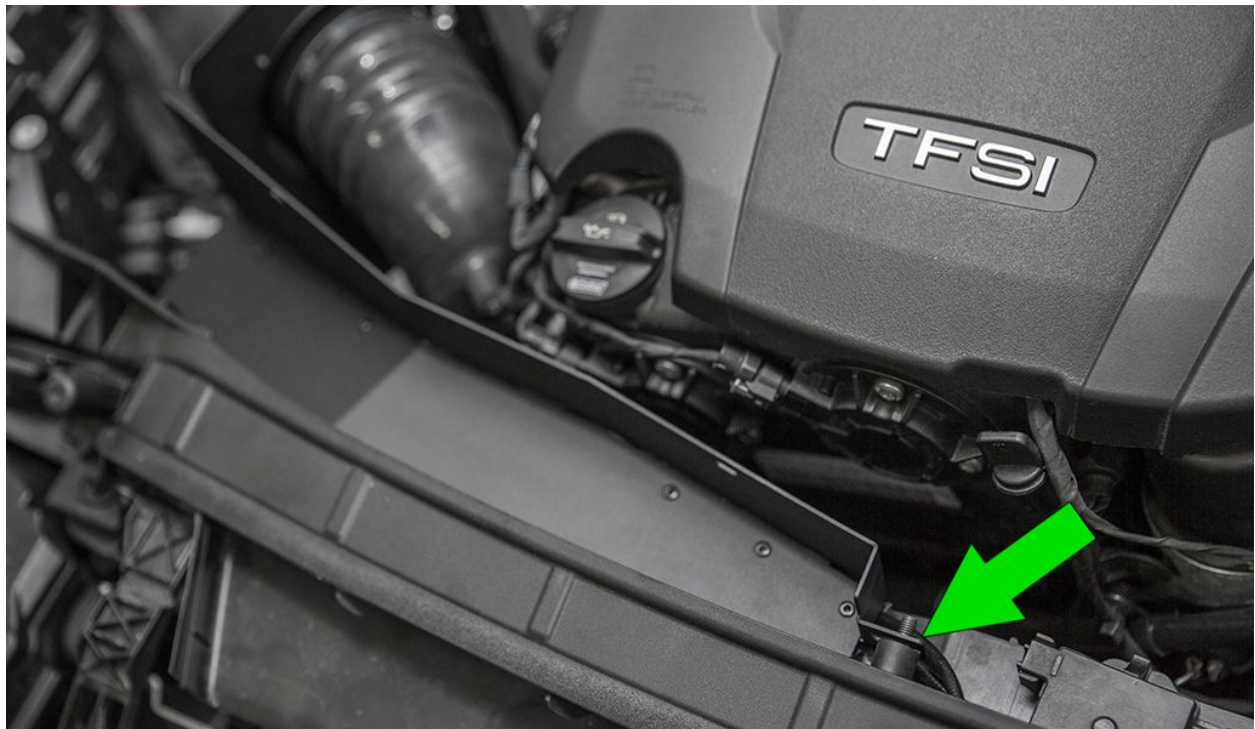
Slide the included M6x55mm allen bolt and washer through the open hole on the radiator support to the right of the intake inlet. Firmly tighten the included isolator stud to the bolt as



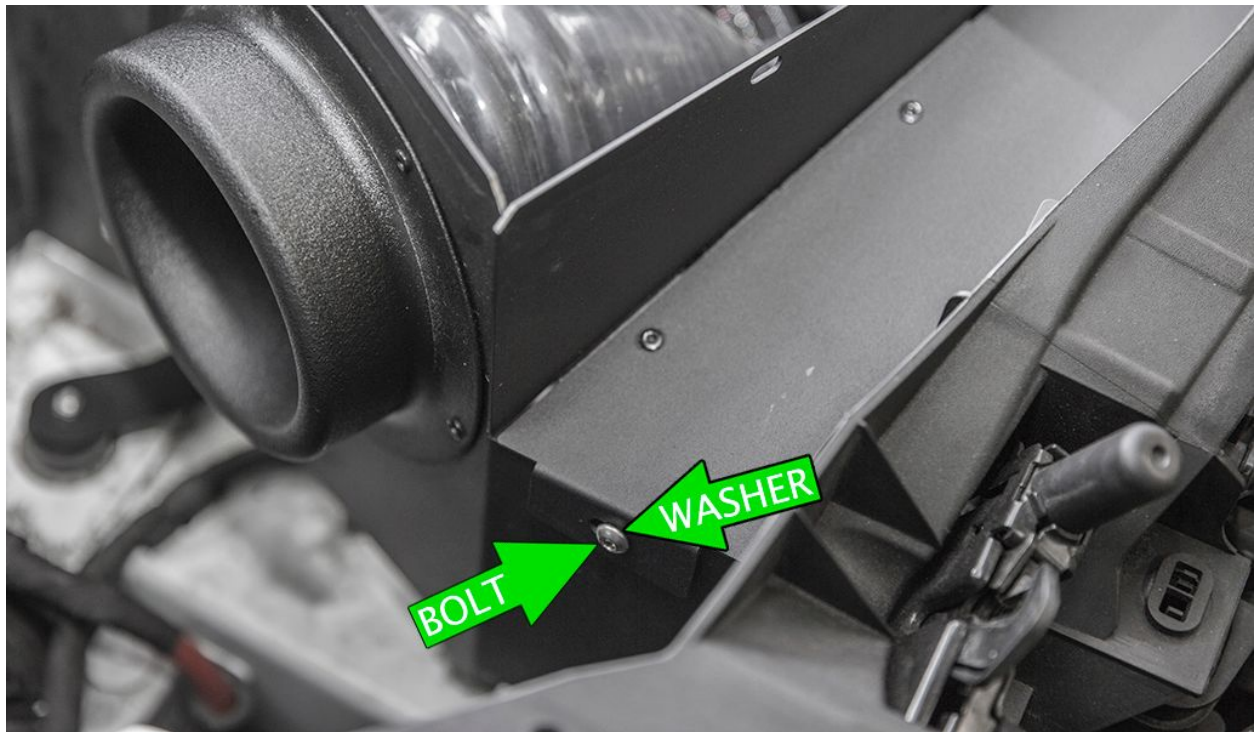
shown below.



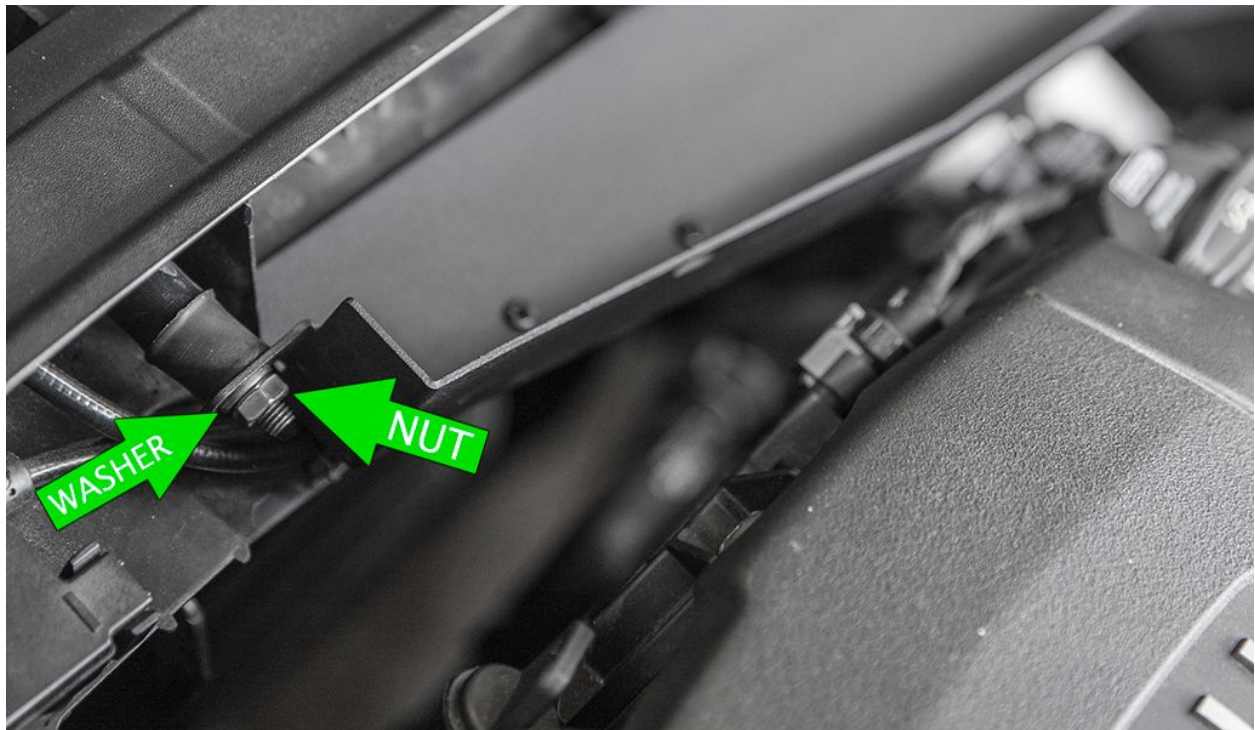
Position the intake channel into place and onto the isolator stud.



Install the channel to the heat shield assembly using an included washer and M6 button head bolt. Tighten firmly using a 4mm allen wrench.

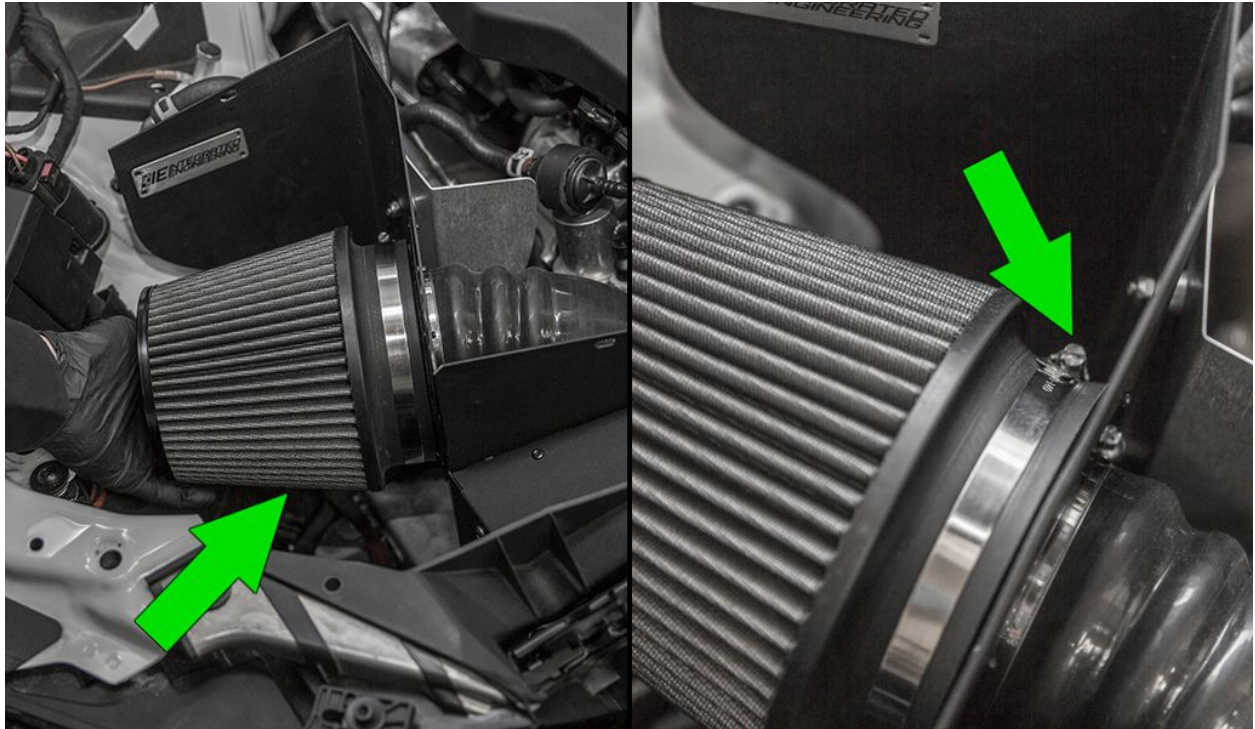


Install the remaining washer and M6 hex nut onto the isolator stud, tighten firmly using a 10mm socket.





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 into place around the entire edge



Reinstall the factory radiator support cowell and hood release lever.



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](mailto:sales@performancebyie.com)  
[www.performancebyie.com](http://www.performancebyie.com)