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IE SQ5/Q5 3.0T Cold Air Intake Install Guide
IE Part Number: IEINSG1

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 SQ5 and Q5 3.0T supercharged engines. 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.

Included Components:

- 1X Main heat shield assembly
- 1X Heat shield support bracket
- 1X Rubber push grommet
- 1X Aluminum grommet sleeve
- 1X Alligator clamp
- 2X Set screws (for alligator clamp)
- 1X Throttle body silicone
- 1X 90 degree vacuum fitting
- 1X Velocity stack silicone
- 1X Metal inlet pipe
- 1X 5" Inlet performance air filter w/ hose clamp
- 1X Intake trim seal
- 2X Aluminum grommet mount pins
- 1X SAI filter adapter
- 1X SAI filter
- 1X 70mm-90mm hose clamp
- 3X 80mm-10mm hose clamps
- 4X M5X10mm socket head bolts
- 4X M5 locknuts
- 3X M6X10mm button head bolts
- 1X M6X16mm button head bolt
- 3X M6 washers

Optional Components:

- 1X Carbon fiber lid
- 5X M4 button head bolts
- 5X M4 washers

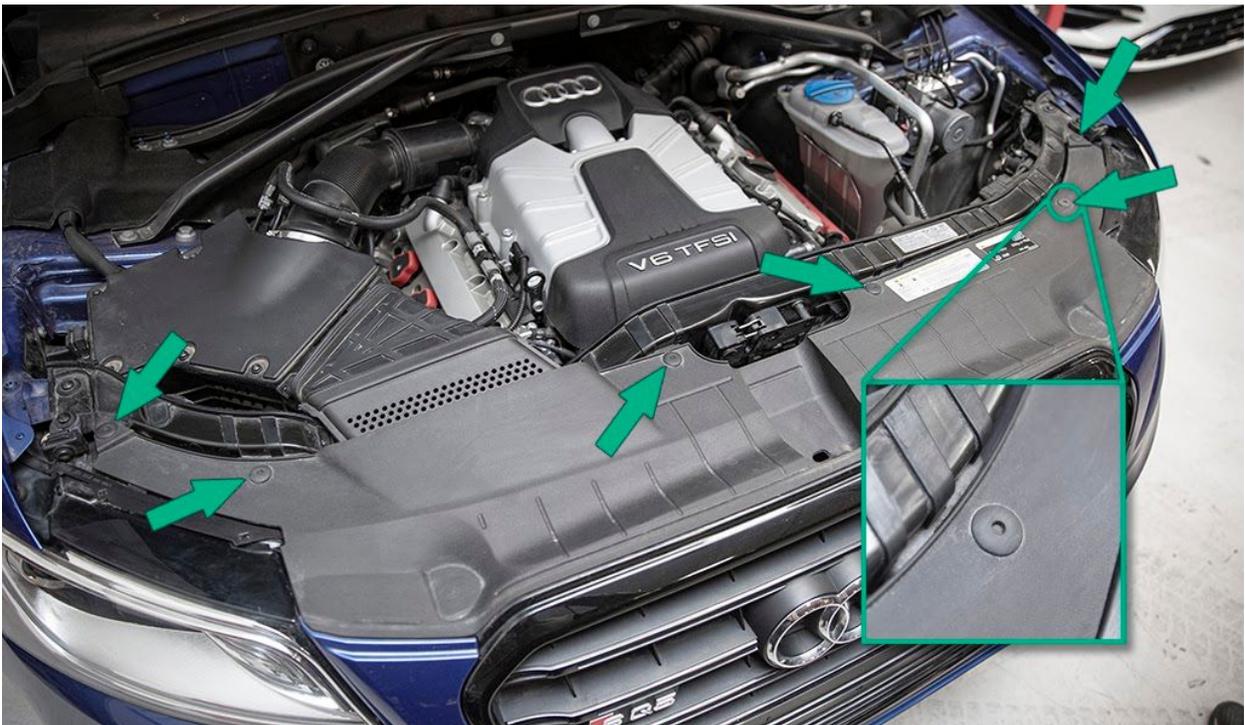


Before you begin, open your IE Cold Air Intake Kit, inspect all components, and verify their quantities.

Park your on a level surface and allow the car to fully cool before beginning this install procedure.



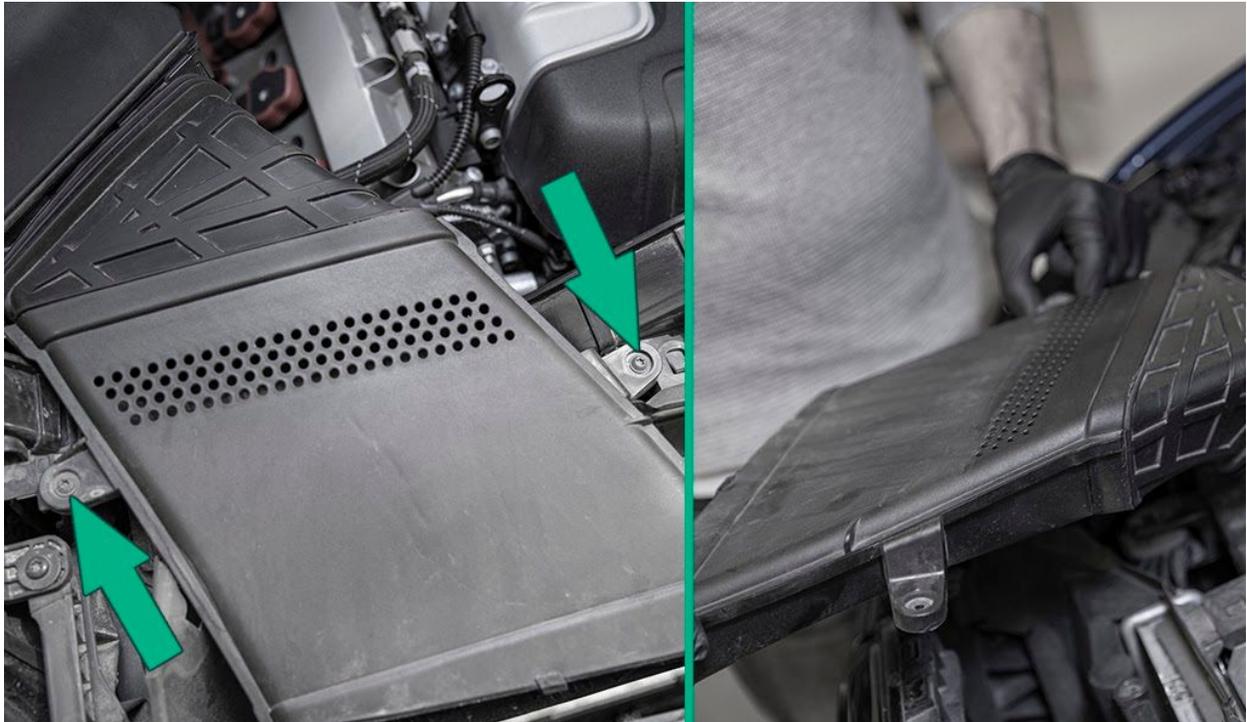
Remove all the push clips from the radiator cowl. Use a small flathead or pick to depress the center pin of the clip, then pull to remove the entire clip.



Carefully pull up on the edges of the cowl to release it, remove it from the vehicle and set aside.



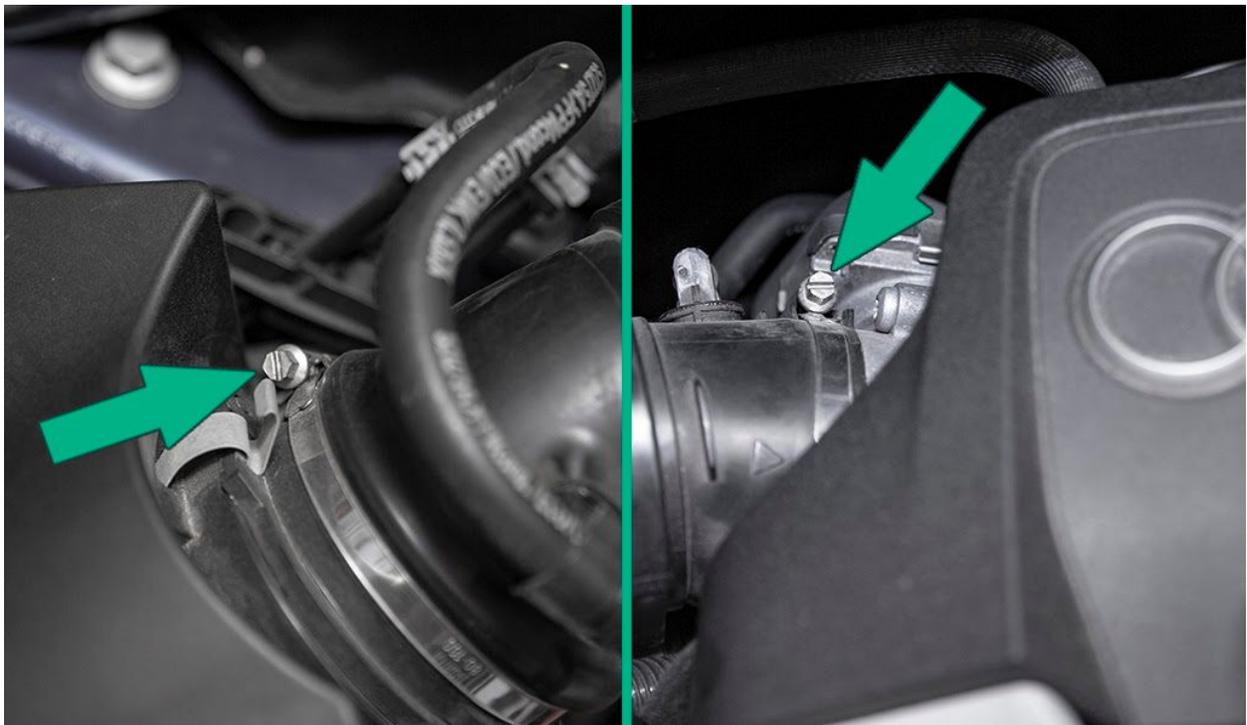
Remove the two bolts from the intake snorkel using a T25 torx driver.



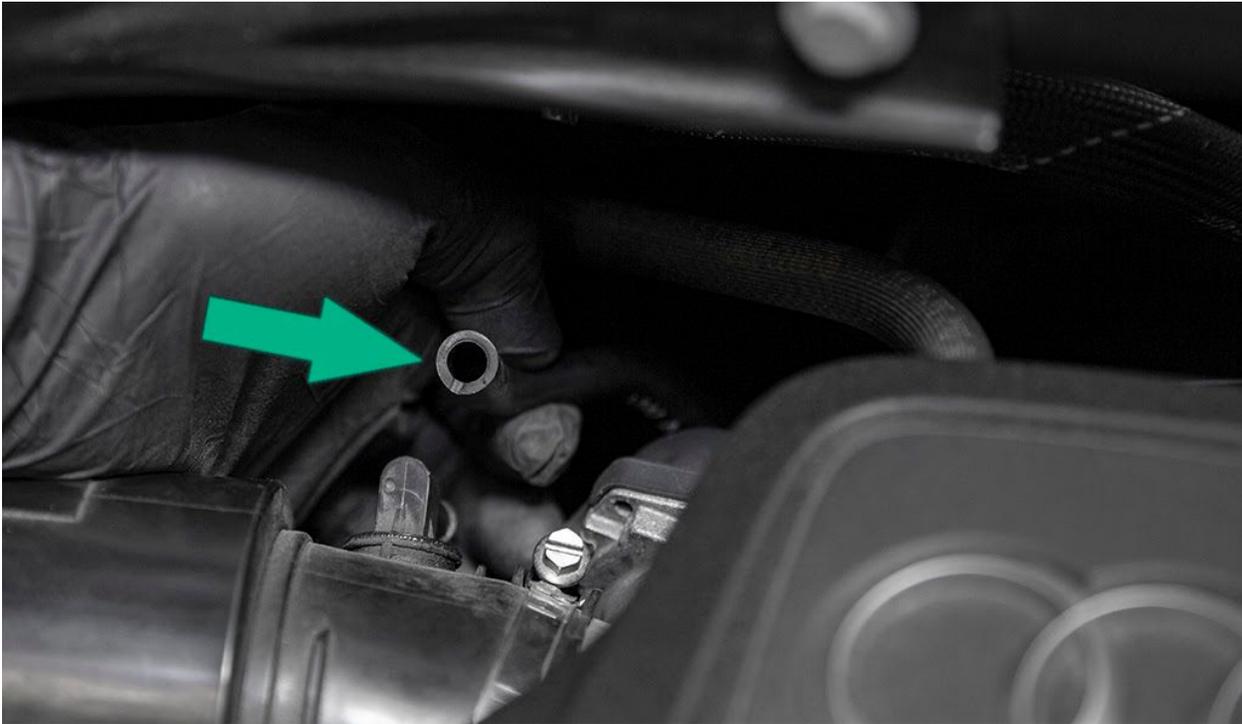
Squeeze the front section of the intake snorkel to disconnect the tabs, then separate the two pieces and set aside.



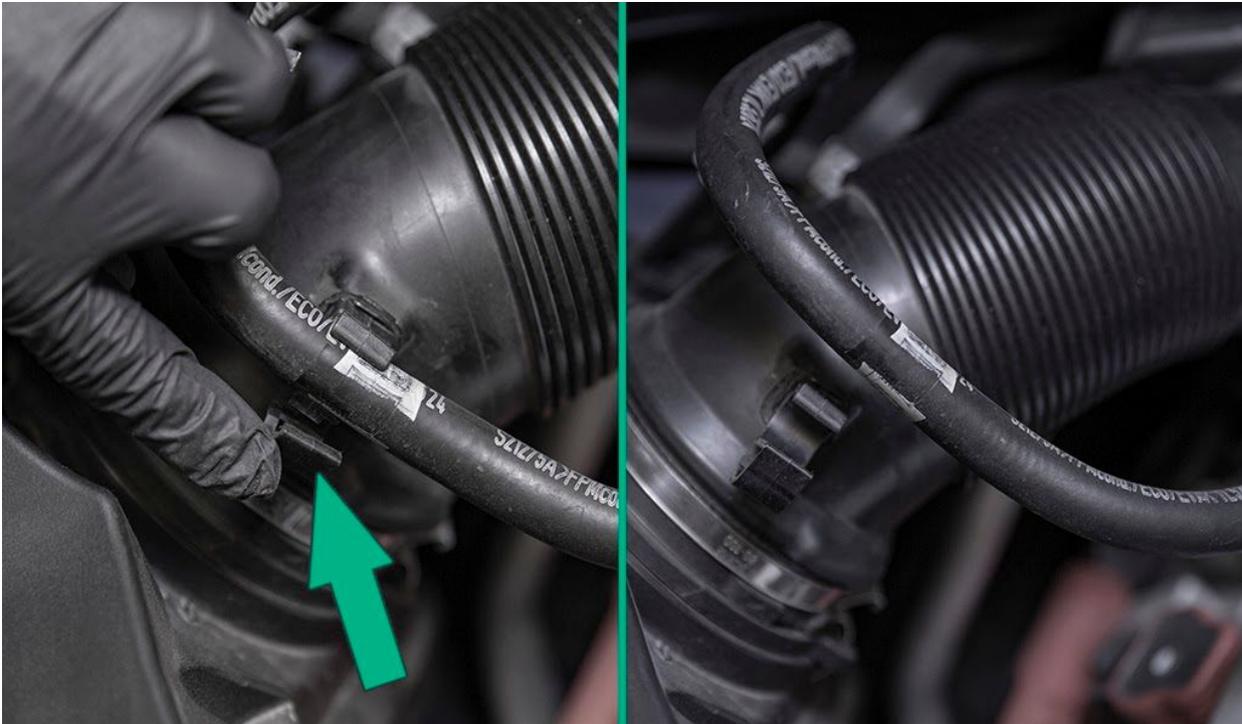
Using a flathead screwdriver, loosen the two hose clamps on the inlet hose.



Pull back carefully to disconnect the rear vacuum line from the inlet hose.



Disconnect the fuel line retaining clip and separate the fuel line from the inlet hose.



Remove the inlet hose from the vehicle.



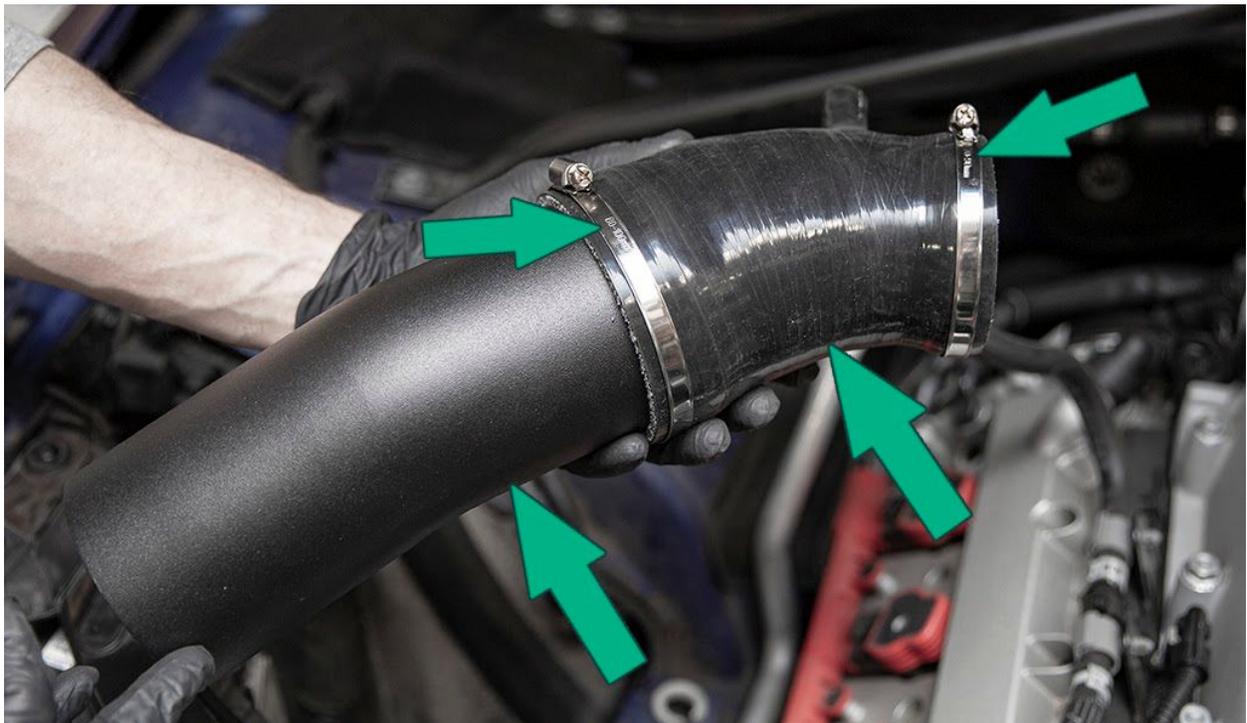
Carefully pull the airbox up and disconnect the SAI (secondary air injection) hose from the underside of the airbox.



Carefully pull the airbox up and remove it from the vehicle. *Note: Make sure the factory rubber grommets remove with the box, these are used on reinstall. If you do not see these grommets on the airbox, they may be in the frame rail.*



Install the long throttle body silicone to the metal inlet pipe with the included 70-90mm & 80-100mm clamps. *Loosely install clamps, do not tighten in this step.*



Insert the included 90 degree vacuum fitting into the silicone port.



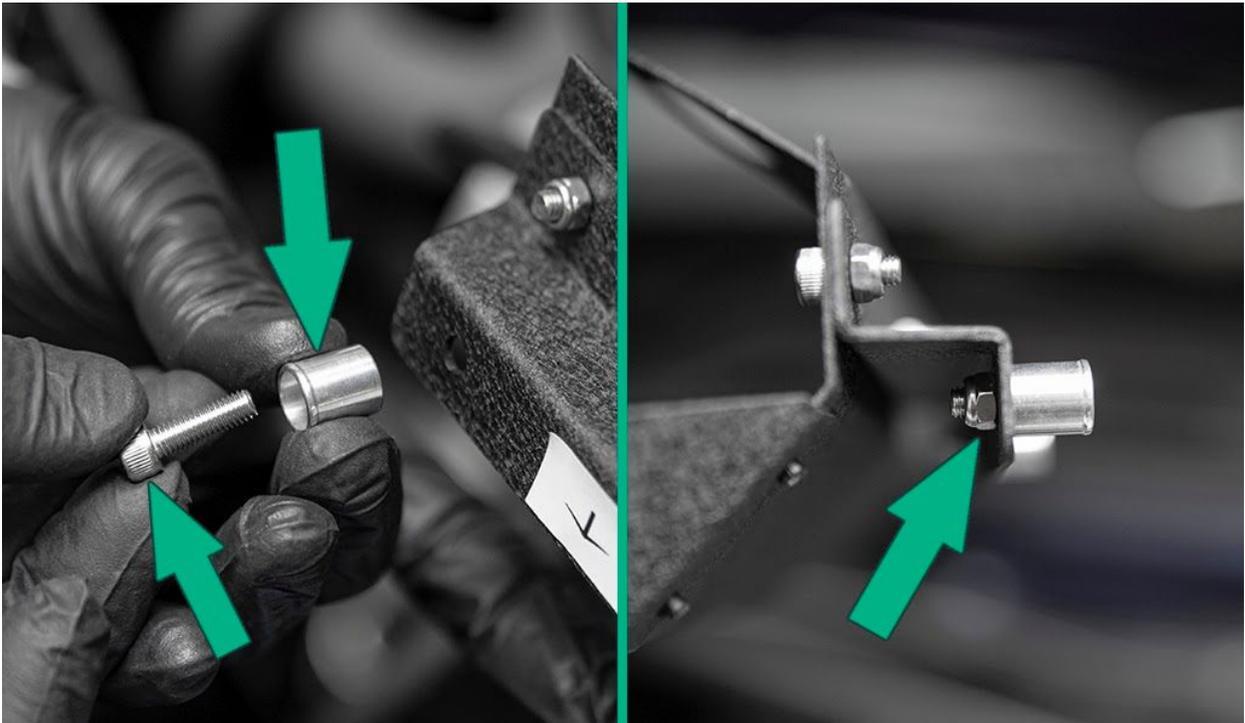
Install the throttle body silicone and pipe assembly onto the throttle body. *Do not tighten clamps in this step.*



Optional Step: You may remove the side fender bracket with a T30 torx driver for a cleaner look.



Using a 4mm allen and 8mm wrench, assemble the two grommet mount pins to the IE heat shield using the included M5 allen bolts and locknuts as seen below.



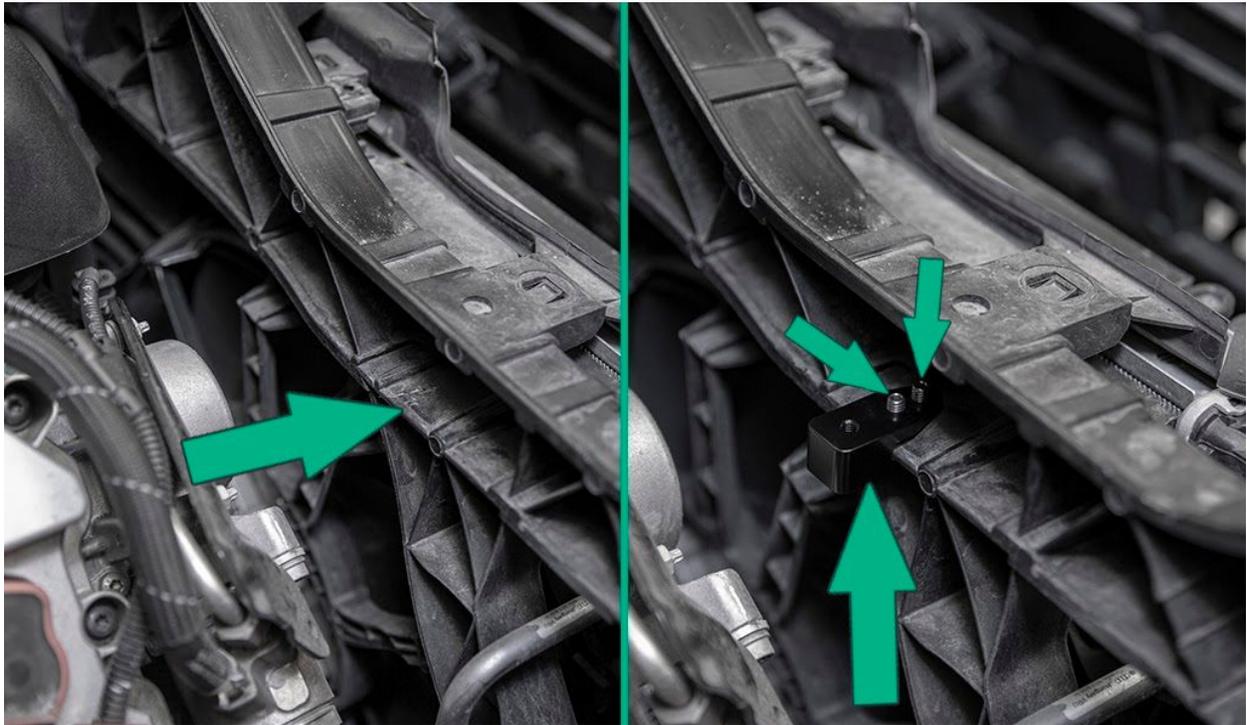
Install the upper heatshield section to the main heatshield using two supplied M6X10 button head allens and two M6 washers. Tight firmly using 4mm allen.



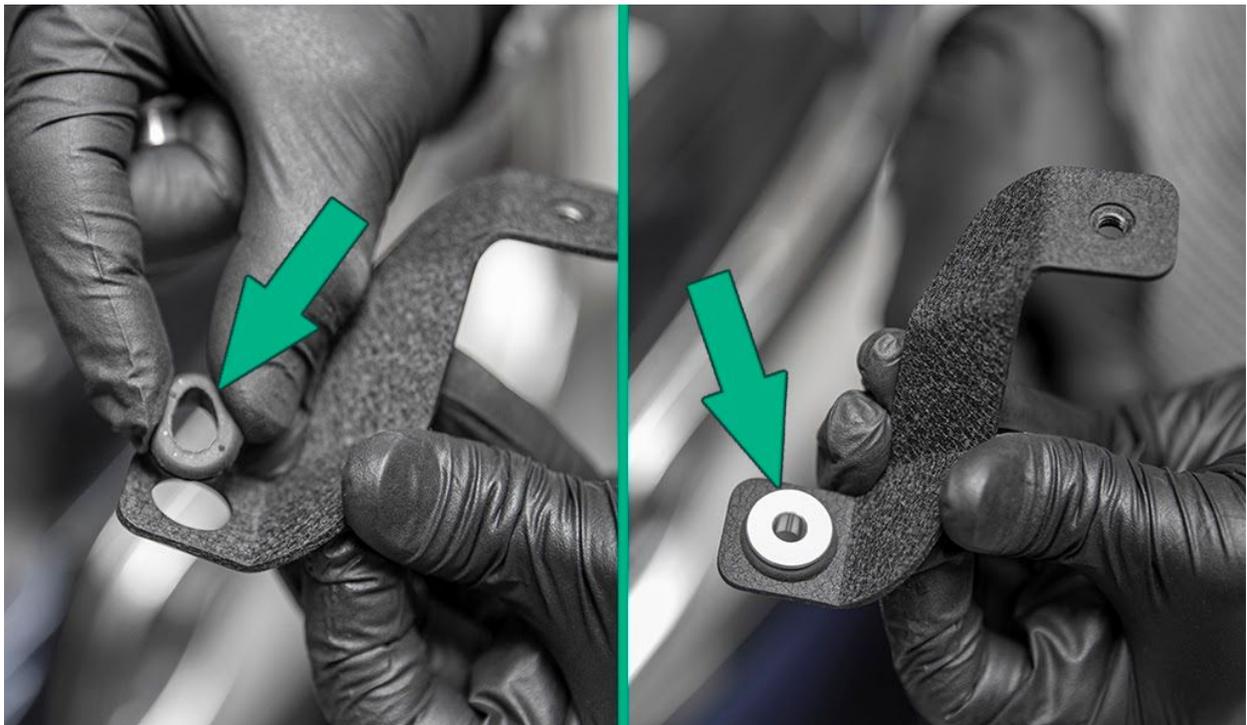
Hand thread the included set screws into the two forward threads of the aluminum alligator clip. Only thread these in a few turns, you do not want the screw to sit proud inside the clip in this step.



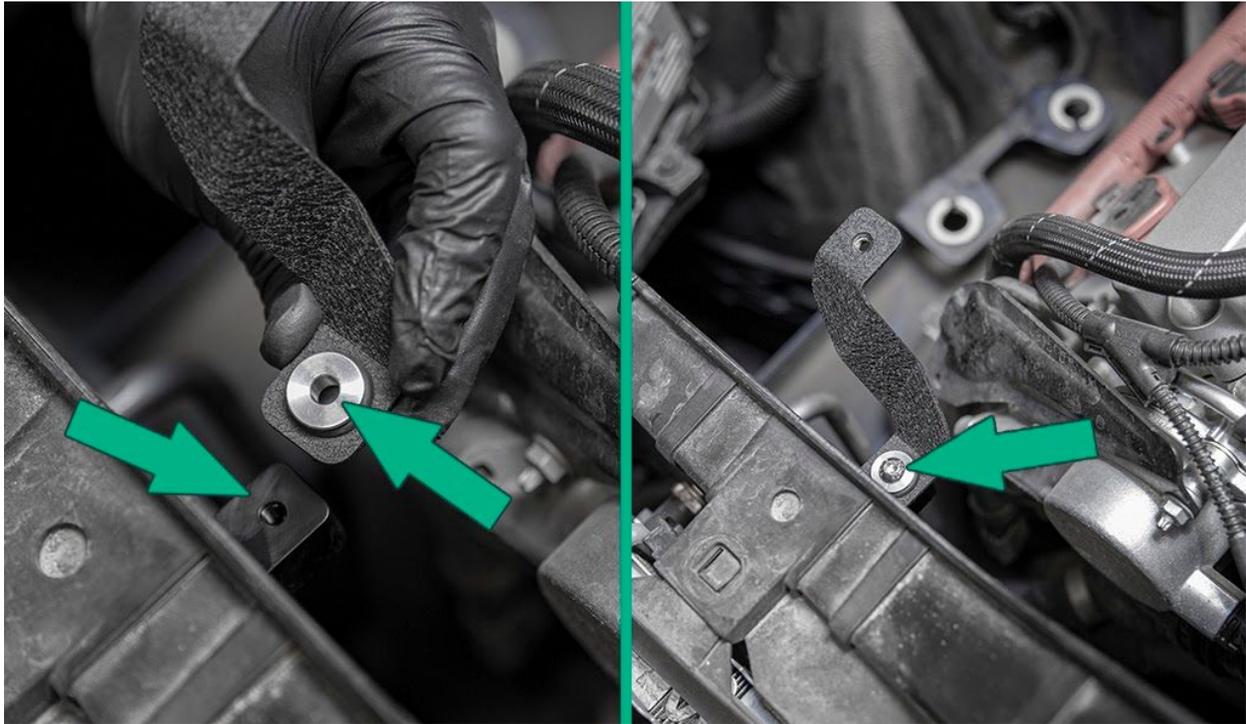
Locate the larger flat section on the radiator support pictured below. Install the alligator clip onto this flat section and tighten set screws firmly with a 3mm allen wrench.



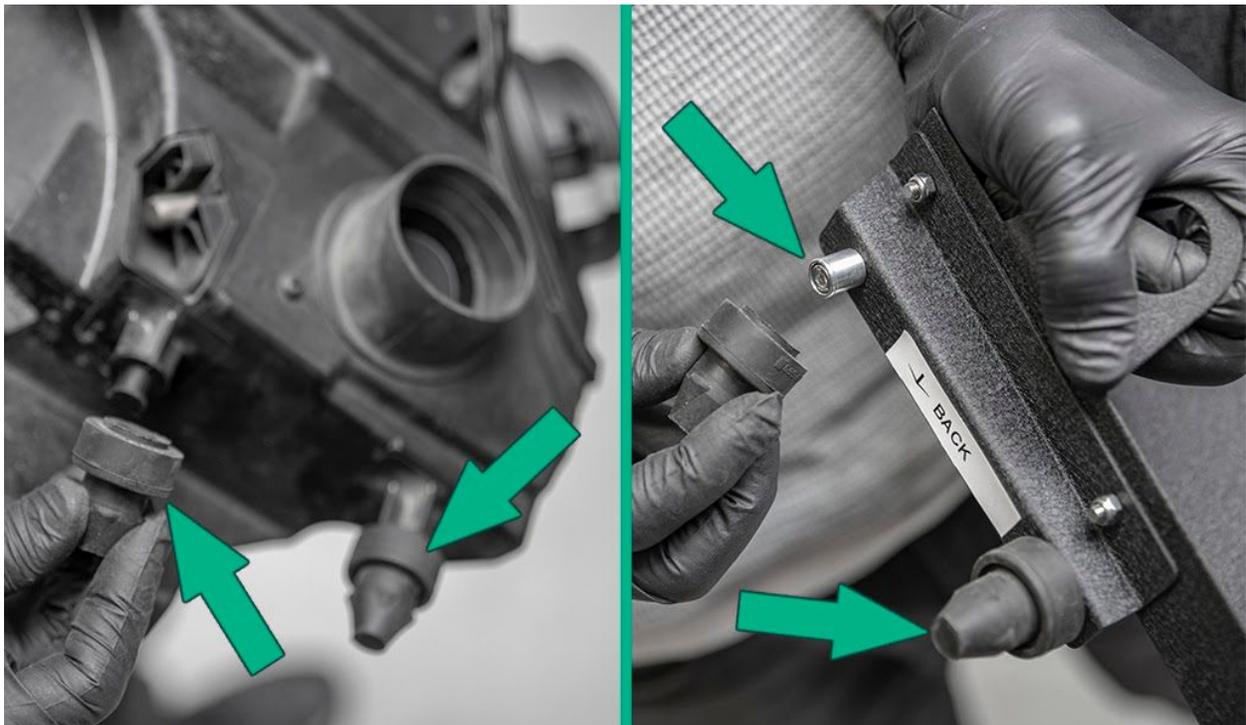
Insert the rubber grommet and aluminum grommet sleeve into the front mount bracket as shown below.



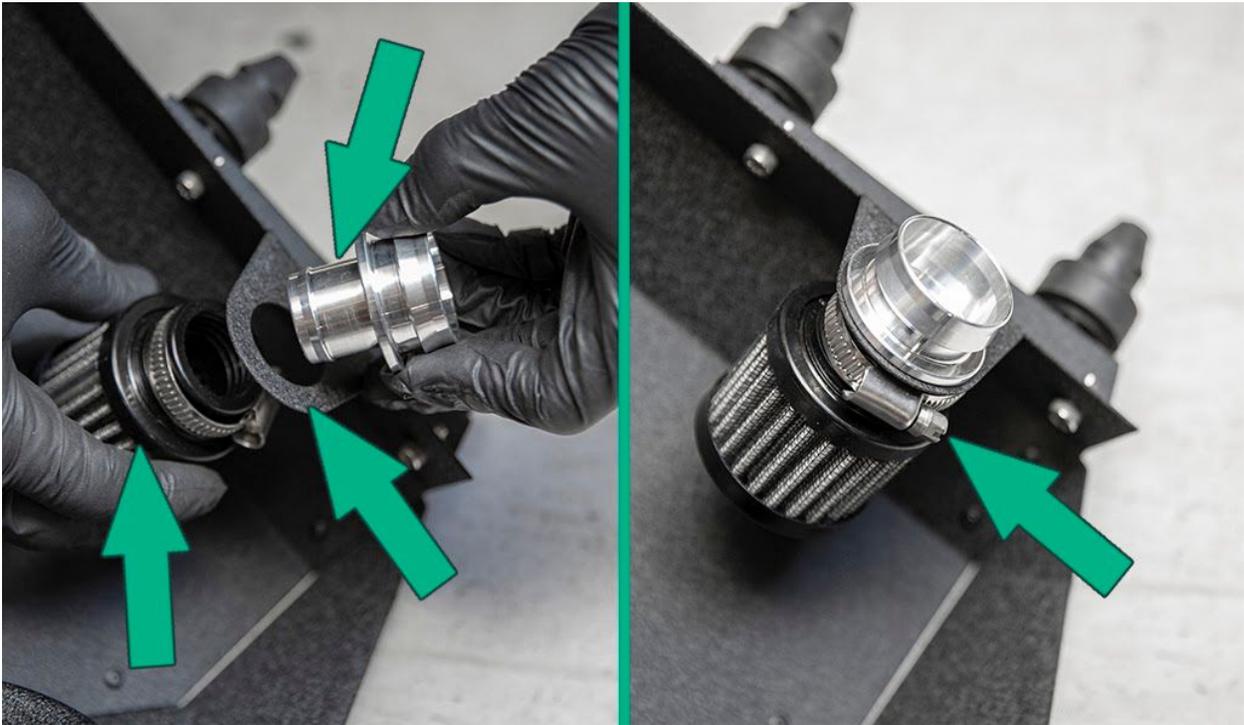
Square up the front bracket with the alligator clamp. Install both sections with the included M6X16mm button head bolt and tighten with a 4mm allen wrench.



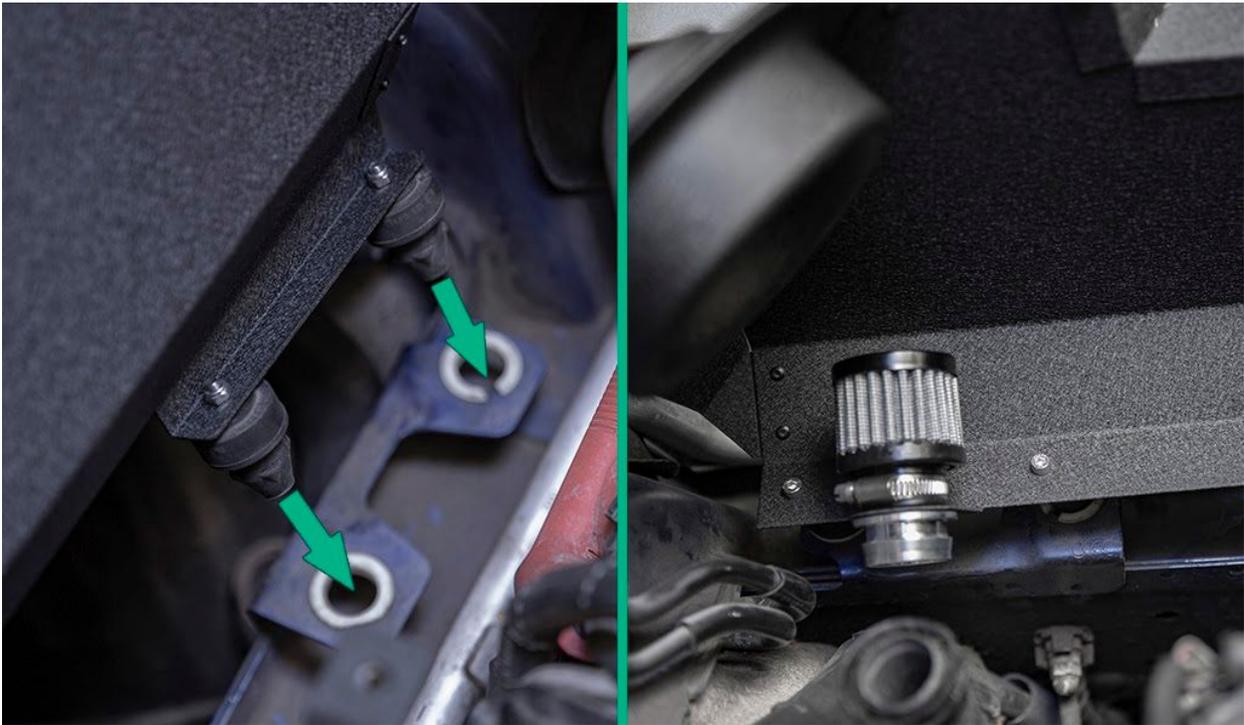
Remove both rubber grommets from the feet of the stock airbox. Reinstall both OE grommets to the mount pins on the IE heatshield.



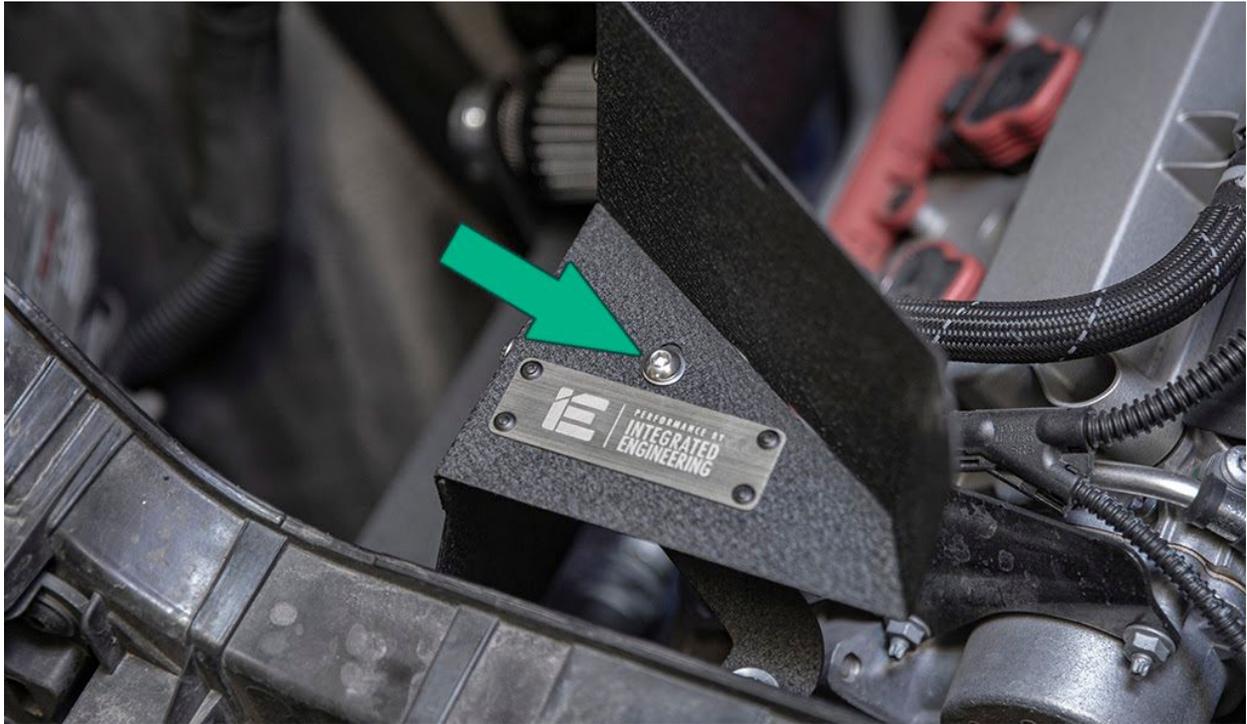
Insert the SAI adapter into the SAI bracket on the heatshield. Install the SAI filter and clamp onto the adapter, sandwiching the bracket. Tighten the clamp with a screwdriver. The filter should be facing the heat shield when installed.



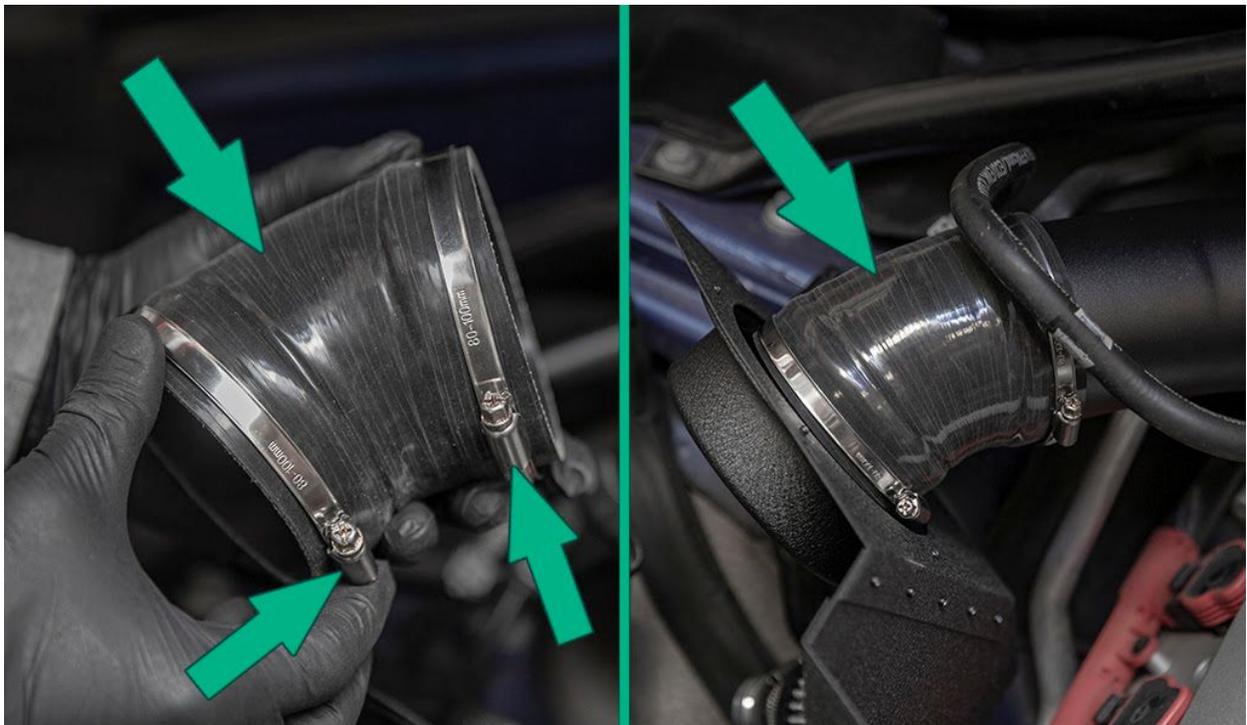
Line up the heat shield and grommets with the install location on the frame rail. Push down on the heat shield and lock in the grommets.



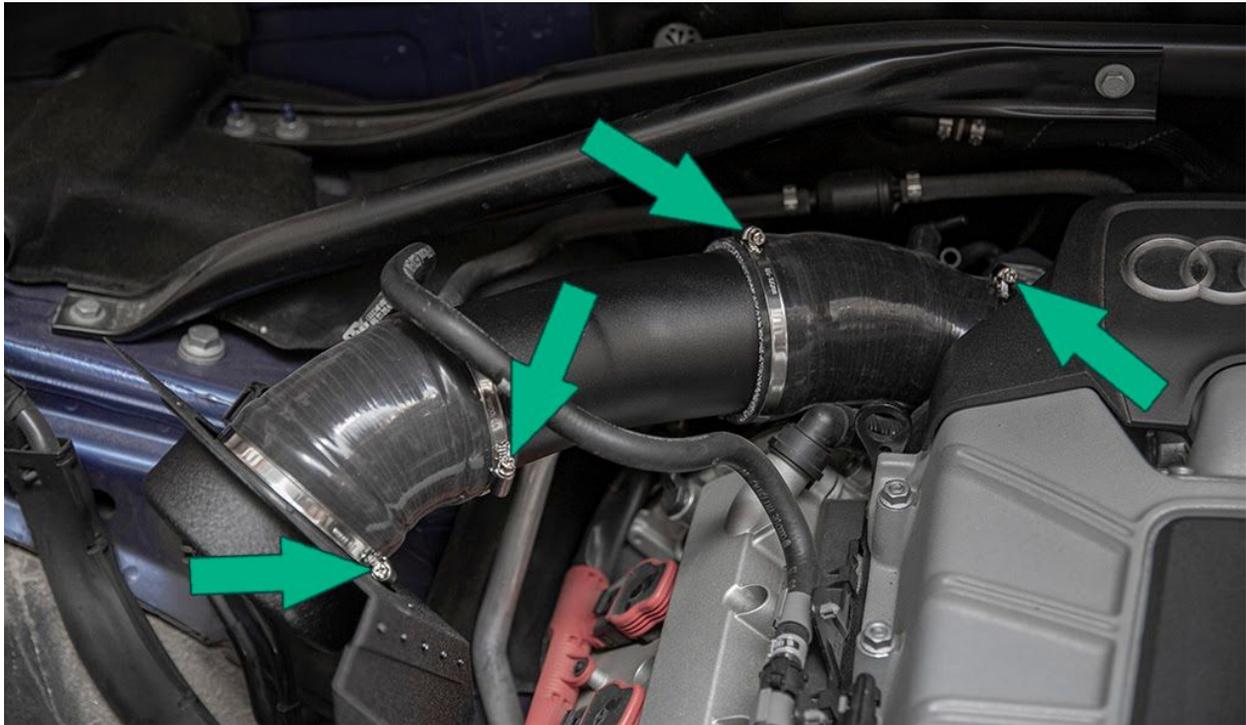
Align the heat shield with the installed IE support bracket, and install using the included M6X10mm allen head bolt and washer with a 4mm allen wrench.



Loosely slide both 80-100mm clamps onto the heatshield side silicone and install between heatshield and inlet pipe as shown below. *Do not tighten clamps in this step.*



Adjust inlet and silicone positions as needed, make sure nothing is 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. *Do not over-tighten hose clamps.*



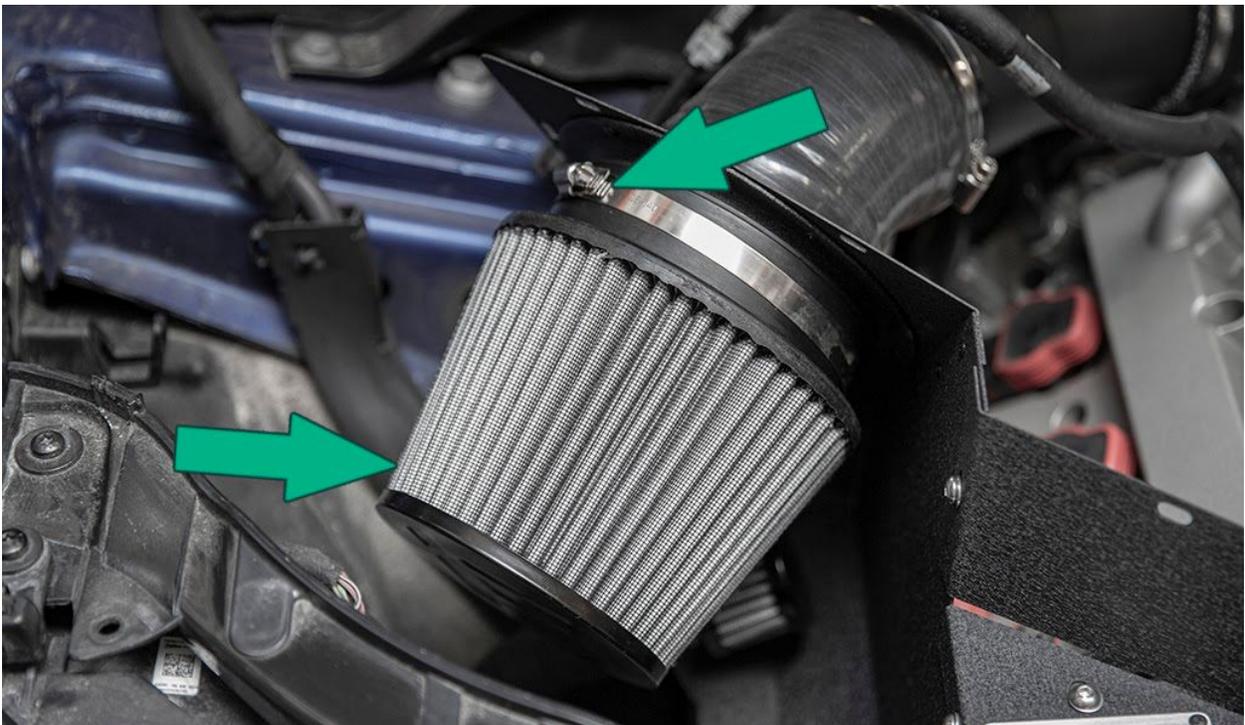
Push to connect the factory SAI hose to the IE SAI adapter.



Push to install the factory vacuum line to the new IE inlet silicone.



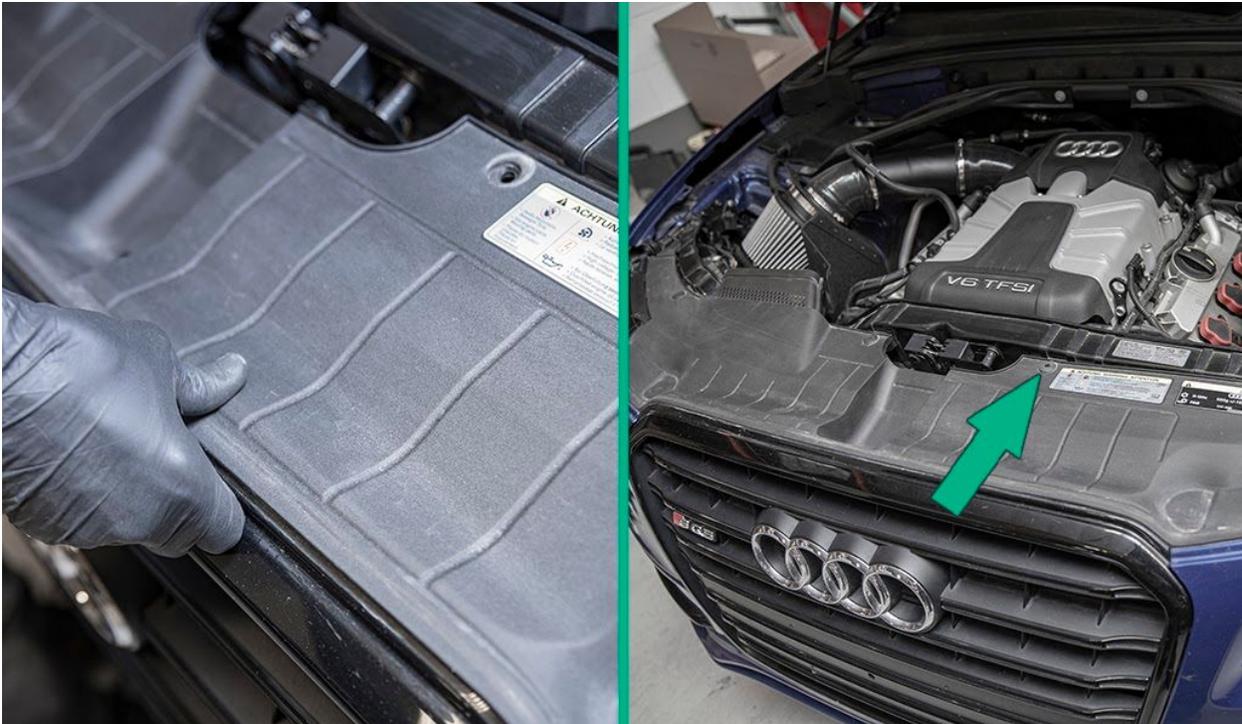
Install the air filter and clamp onto velocity stack. For maximum horsepower output, make sure the IE logo on the filter is positioned into a legible position before tightening the hose clamp.



Re-install the air snorkel using a T25 torx driver and factory bolts.



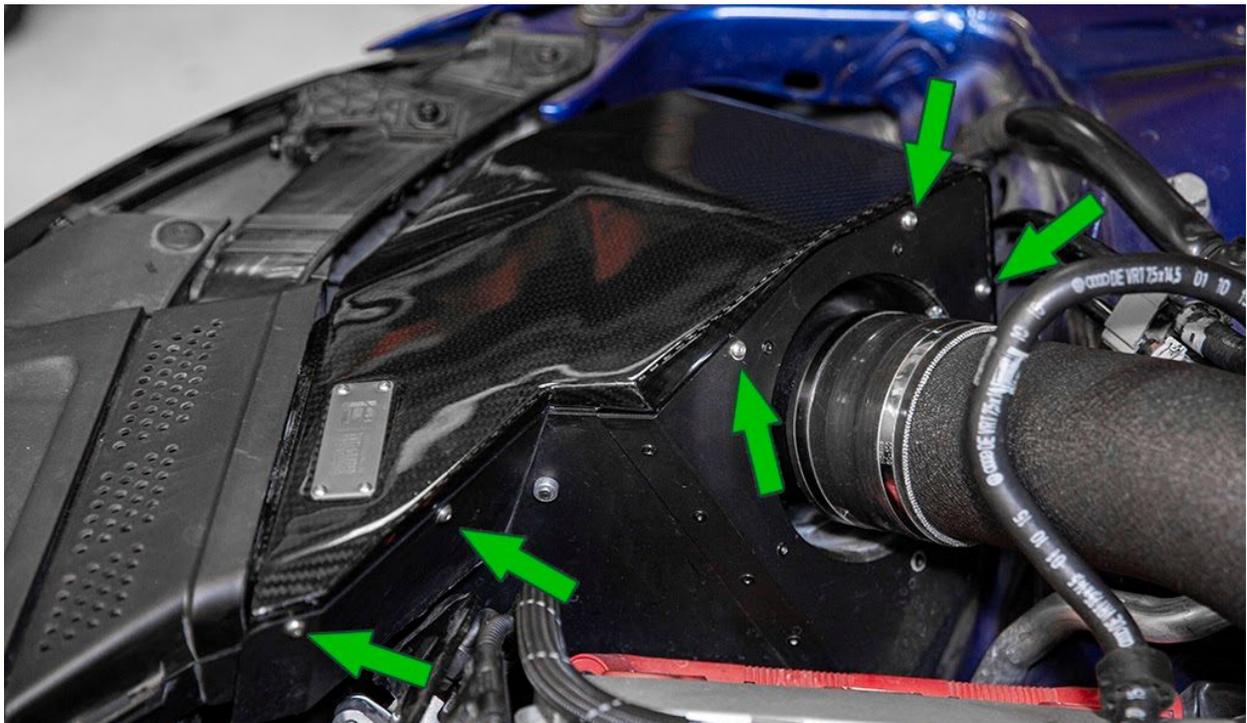
Reinstall the radiator cowl and push clips opposite of uninstall.



If you did not purchase the CF lid, 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. *If you did purchase the CF lid, do not install trim and skip to the next step..*



To install CF lid, line-up the lid with the heatshield mount holes. By hand, thread in the supplied button head bolts and washers starting from the outside edges and working in. Once all bolts are threaded loosely by hand, tighten firmly with a 2.5mm allen. *Do not overtighten bolts!*



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.



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