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## **Integrated Engineering's Audi B9/B9.5 S4 & S5 3.0T Polymer Intake Kit Install Guide**

IE Part Number: IEINCK5

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of Integrated Engineering's Polymer Air Intake System compatible with all Audi 2017-2023 B9 S4 & S5 3.0T 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.



Before you begin, *open your IE Intake and inspect all components, and verify quantities. Some items may be partially assembled.*

**Kit Contents:**

- (1) B9 S4 Rotomolded Intake box
- (1) Silicone coupler
- (1) WORM DRIVE CLAMP 3-1/8" TO 4"
- (1) WORM DRIVE CLAMP 2-3/8" TO 3-1/8"
- (4) 18-8 SS WASHER, 6.4mm ID, 12mm OD
- (2) Mounting screw-M6 X 1MM - 65MM

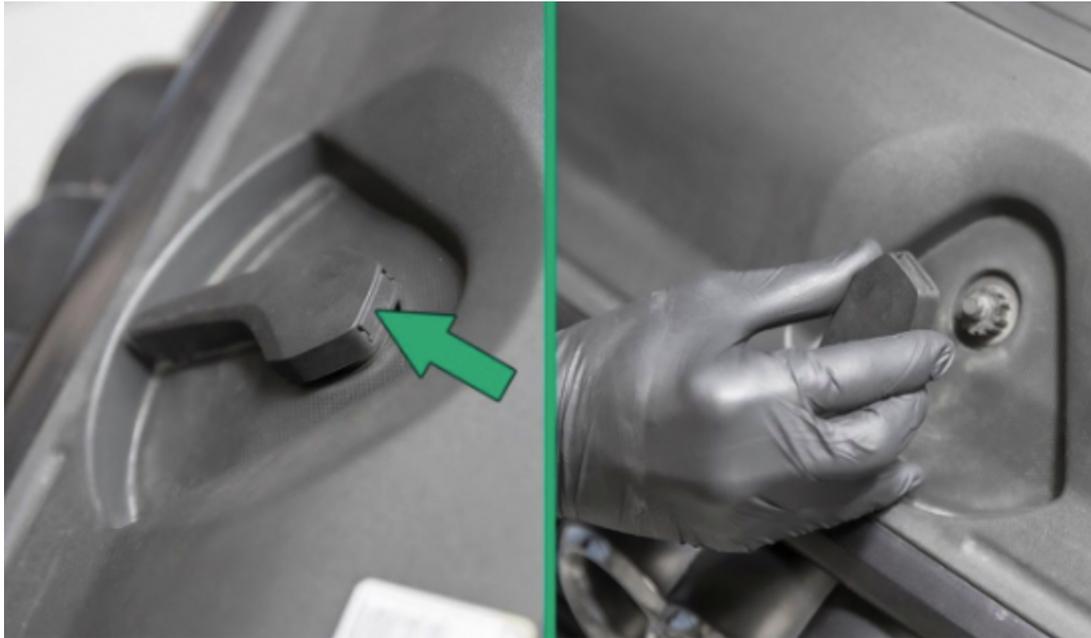
**Required Tools:**

- T20 bit
- 5mm allen
- Screwdriver

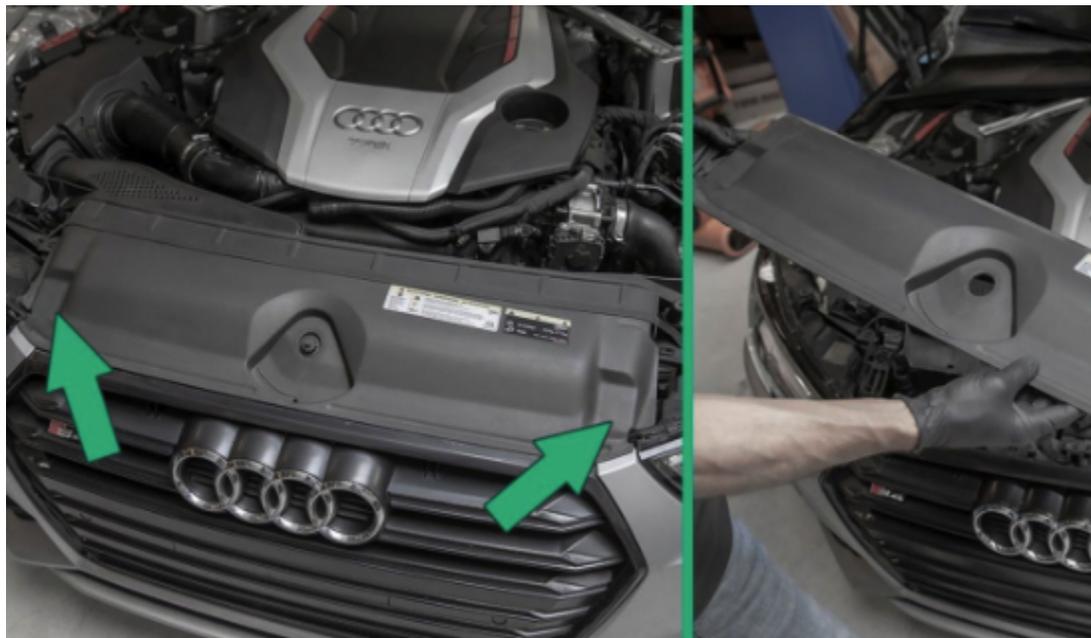
Park your vehicle in a safe and level location. Allow plenty of time for the engine bay to completely cool before beginning the installation procedure. Unbox your IE Polymer intake to verify the contents and quantities and check for any possible shipping damage. Prepare your work space and locate the required tools listed above before starting.

IE recommends pre-reading the entire installation guide ahead of your install to both prepare yourself for each step and to make sure you don't have any questions before beginning. If you have any questions or need clarification, please contact our helpful support team specialists at [support@performancebyie.com](mailto:support@performancebyie.com)

Pop the hood, then remove the hood release lever by pressing the release button located on the back side of the lever.



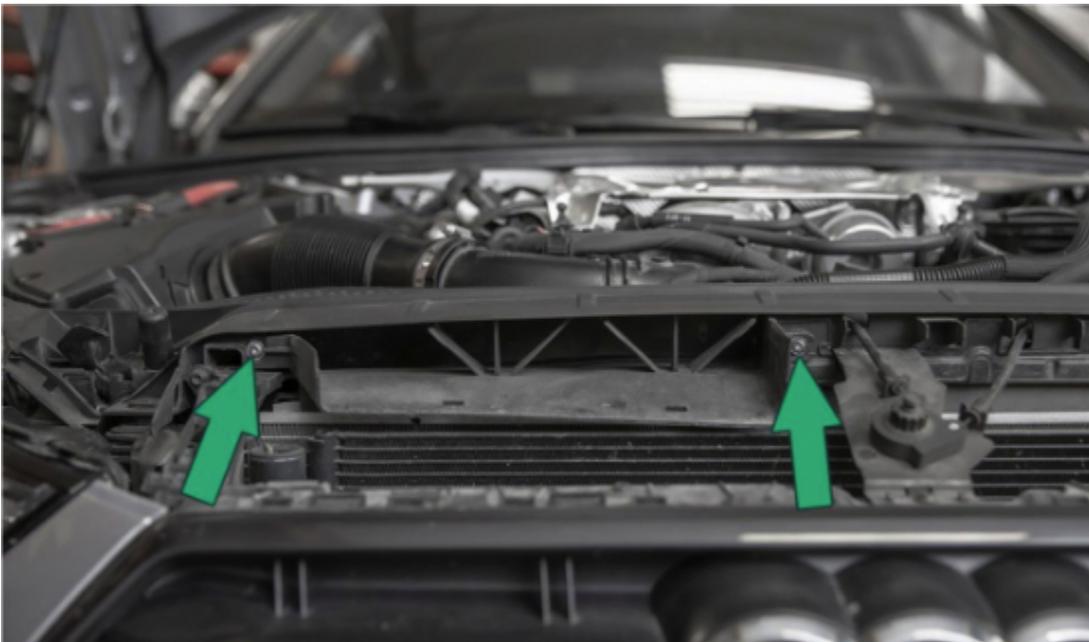
Remove the upper bumper cover from engine bay by pulling from the corners, then running your fingers along the front edge to release the mounting tabs.



Pull up and remove the engine cover from the engine bay by pulling straight up.



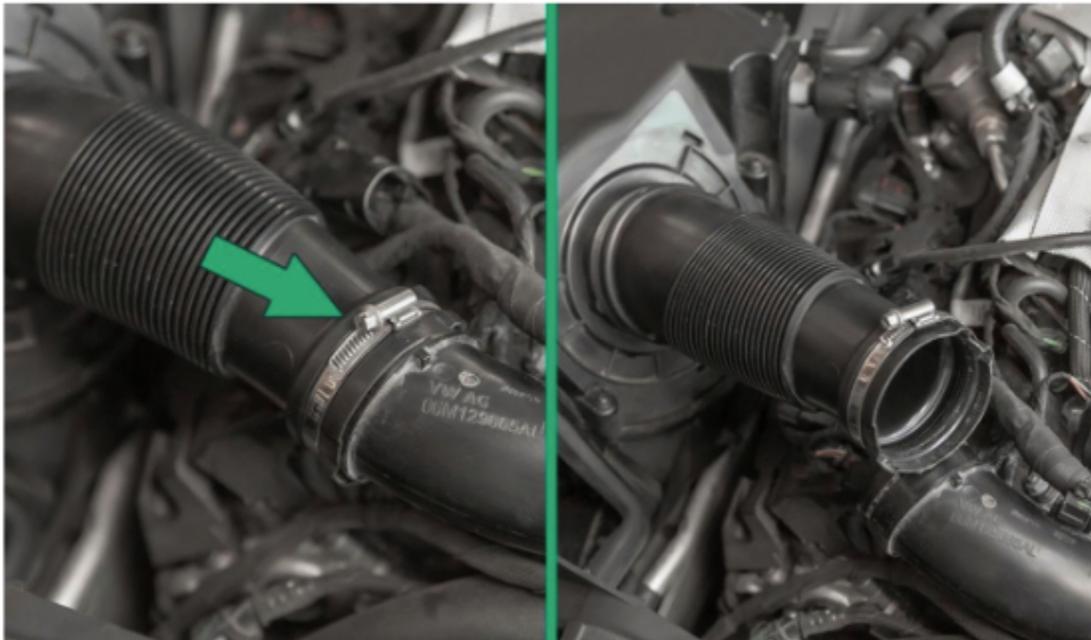
Remove two T20 screws connecting the intake to the radiator support.



Remove the intake inlet from the engine bay by simply pulling away from the radiator mount and airbox.



Remove the band clamp from the intake hose connecting to the turbo inlet.



Remove the intake box from the engine bay.



If you are installing the optional IE Cast Turbo Inlet Pipe Upgrade (IEINCK4), refer to that install guide at this point and complete the inlet installation process before moving on. Note: *If you are retaining the stock plastic turbo inlet, the installation process of your intake is the same from this point forward.*



Lower your IE Polymer intake into the engine bay

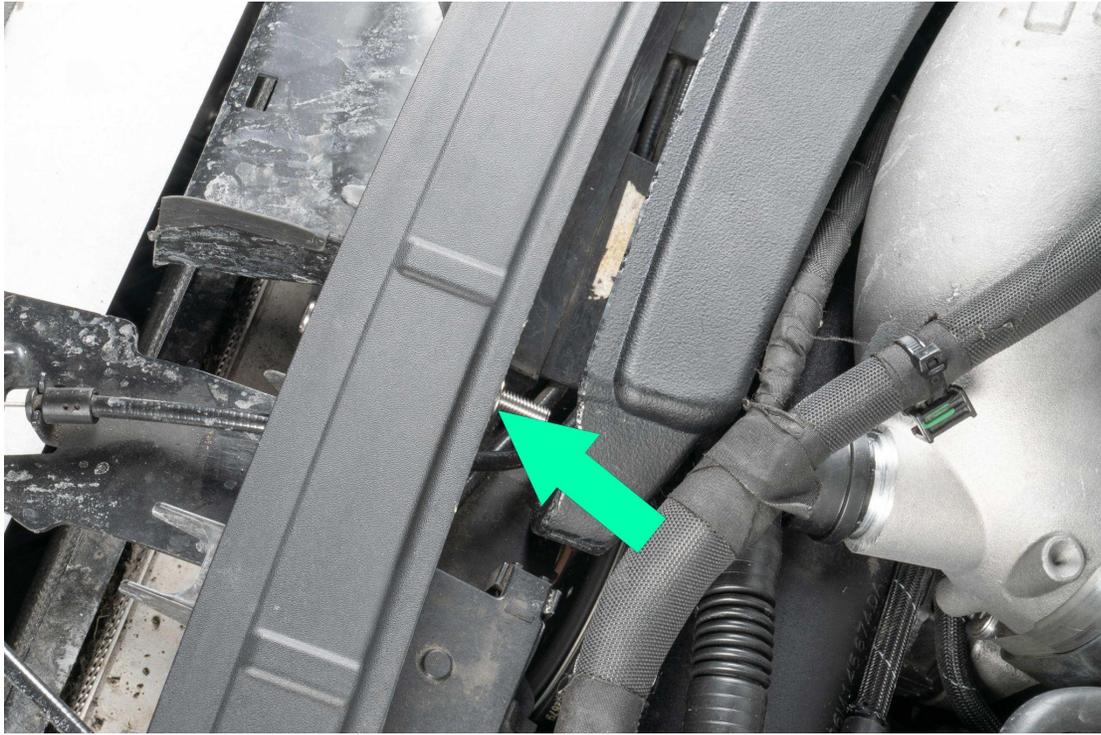


Put a supplied washer on both mounting bolts.

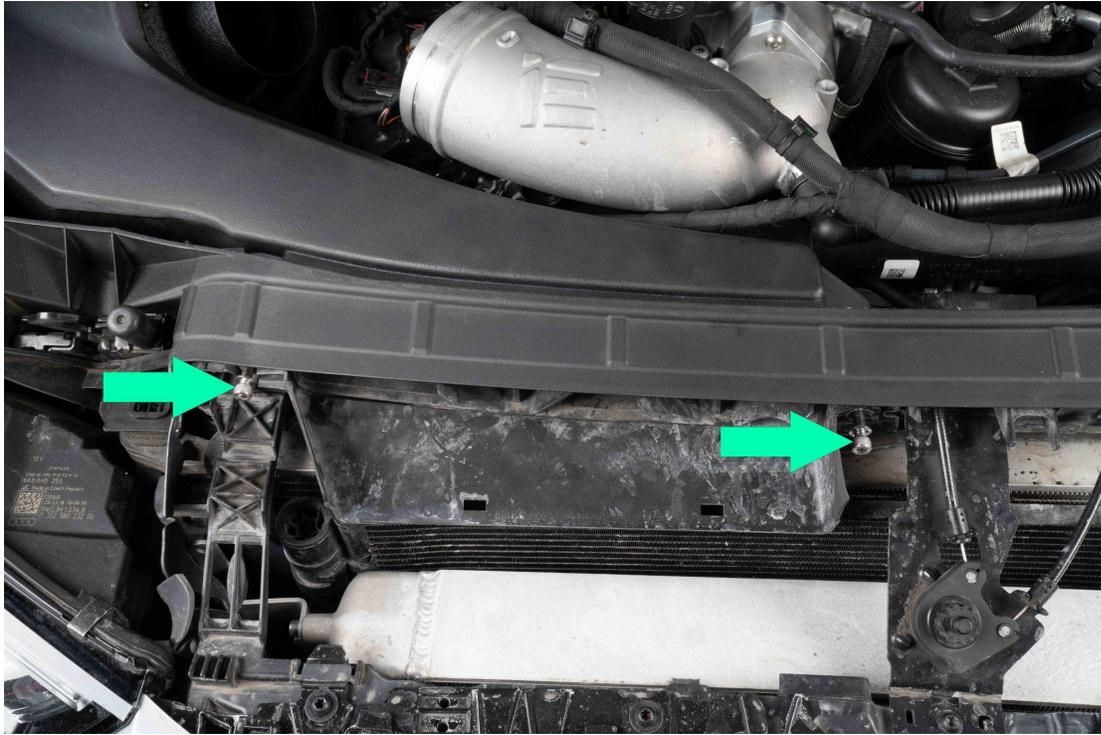


Insert the mounting bolts through radiator support, then add a washer between the intake and radiator support. Reference two photos below for a visual on placement.





Loosely hand thread each mounting bolt to ensure the threads are aligned.



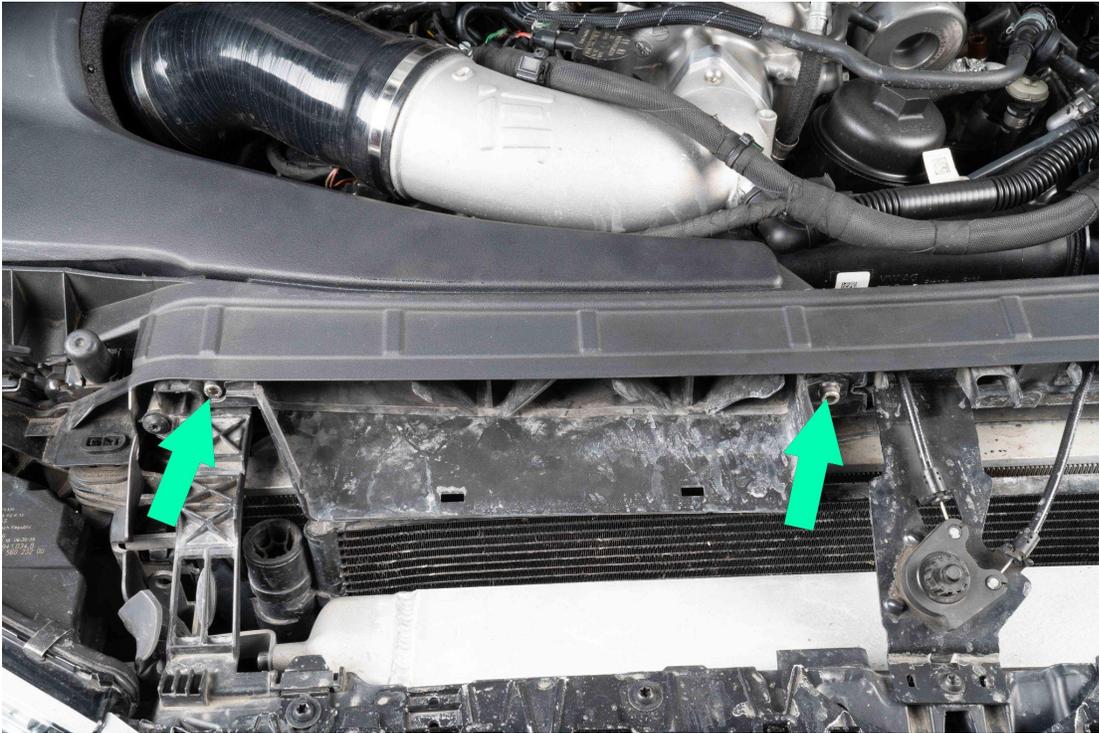
Loosely install the hose clamps onto the proper silicone coupler for your turbo inlet.  
Note: *The included silicone coupler with your intake kit is for use with the stock plastic turbo inlet. When you install IE's turbo inlet upgrade, please discard the intake kit silicone and use the larger coupler found in the contents of your turbo inlet pipe kit.*



Install the silicone coupler as shown in the photo below and then tighten the clamps.



Tighten both 5mm mounting bolts using a hand tool. Take care to not over tighten.



Reinstall the upper bumper cover into the engine bay.



Reinstall the hood release lever by matching up the notches and pushing down until you hear/feel it click into place.



Enjoy the look, sound, and performance of your new IE performance polymer air Intake system!



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.

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