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Integrated Engineering Audi B9 S4, S5, SQ5 Turbo Inlet Install Guide
IE Part Numbers: IEINCK4

Thank you for purchasing another high-quality Integrated Engineering product! This instruction guide is used for the installation of Integrated Engineering's Audi S4 Turbo Inlet compatible with Audi B9 (2017, 2018, 2019, 2020, 2021, 2022) S4 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 Turbo Inlet, inspect all components, and verify quantities.

IEINCK4 Kit Contents:

- (1) IE Audi B9 (2017, 2018, 2019, 2020, 2021, 2022) S4 Turbo Inlet
- (1) Turbo Inlet Compressor Housing Adapter
- (2) Compressor Housing Adapter O-Ring
- (2) 5mm Flat Head Compressor Housing Adapter Bolts
- (1) 4mm Button Head Inlet to Compressor Housing Bolt
- (1) Silicone Intake Hose
- (2) 80-100mm Hose Clamps
- (1) 18-8 Stainless Steel Hex Drive Flat Head Screw, M6 x1 mm Thread. 25 mm Long
- (1) Aluminum Retainer Post

Required Tools:

- T30 Torx Screwdriver/Socket
- Flat head screwdriver
- 5mm Allen key
- 4mm Allen key
- Blue Loctite Threadlocker

Important Note: Your IE turbo inlet pipe kit includes a silicone coupler for a perfect and seamless install with all IE brand B9 S4, S5, and SQ5 intake systems. Other brand intakes are not guaranteed for a perfect fit, and some modification to the silicone or your intake may be required. If installed onto a factory-equipped airbox, optional IE silicone adapters are available and sold separately.

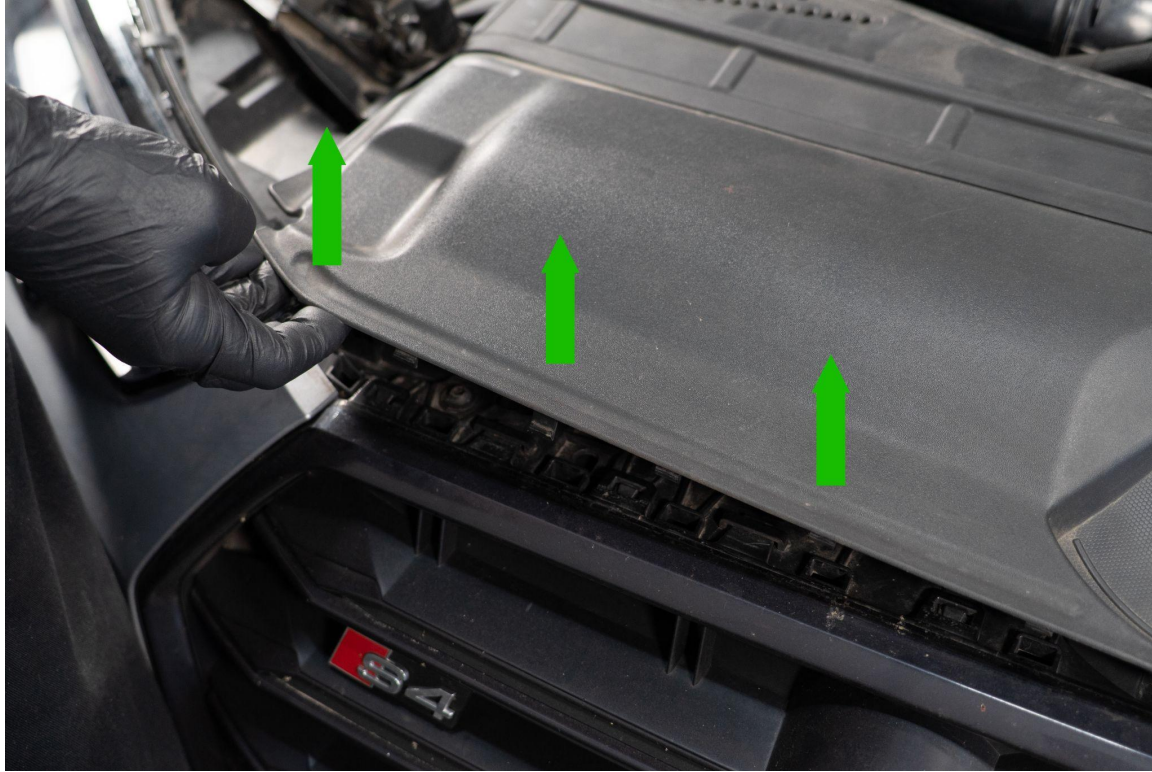
Begin installation by removing the engine cover by pulling straight up off the four mounting grommets.



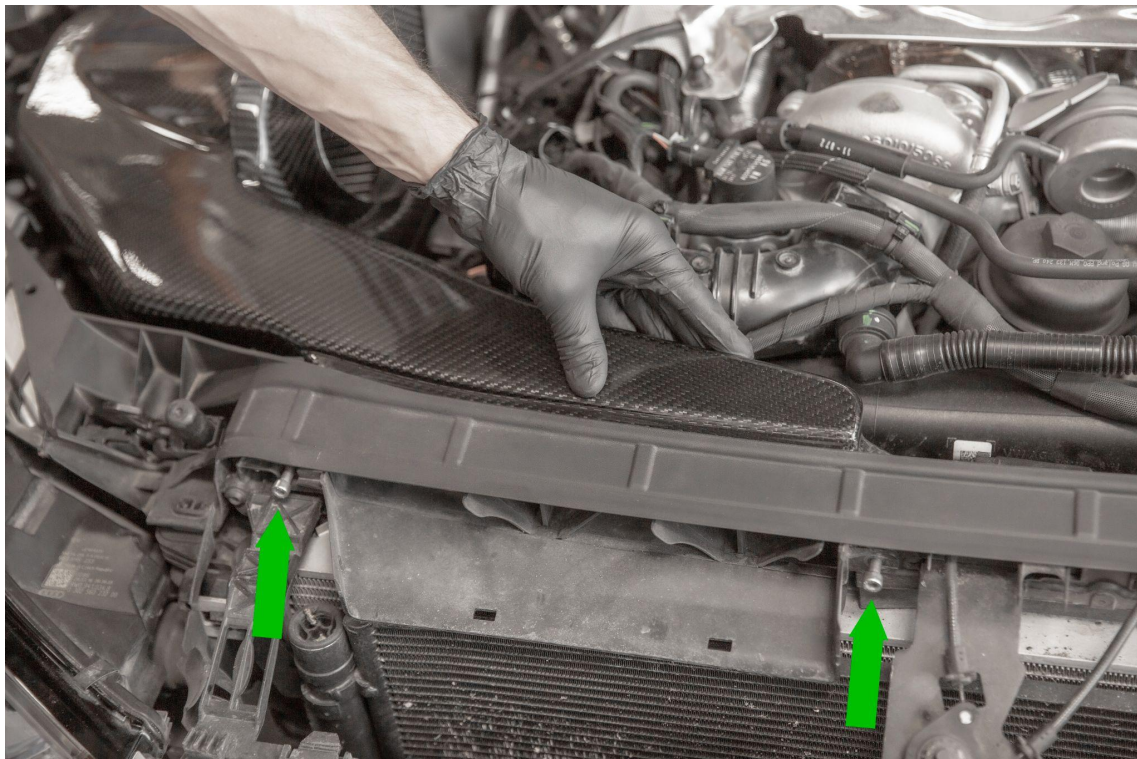
Remove the hood latch lever by pushing the release button on the back of the handle.



Remove the plastic radiator cover by pulling up on the front edge, then pulling straight towards the front of the vehicle.



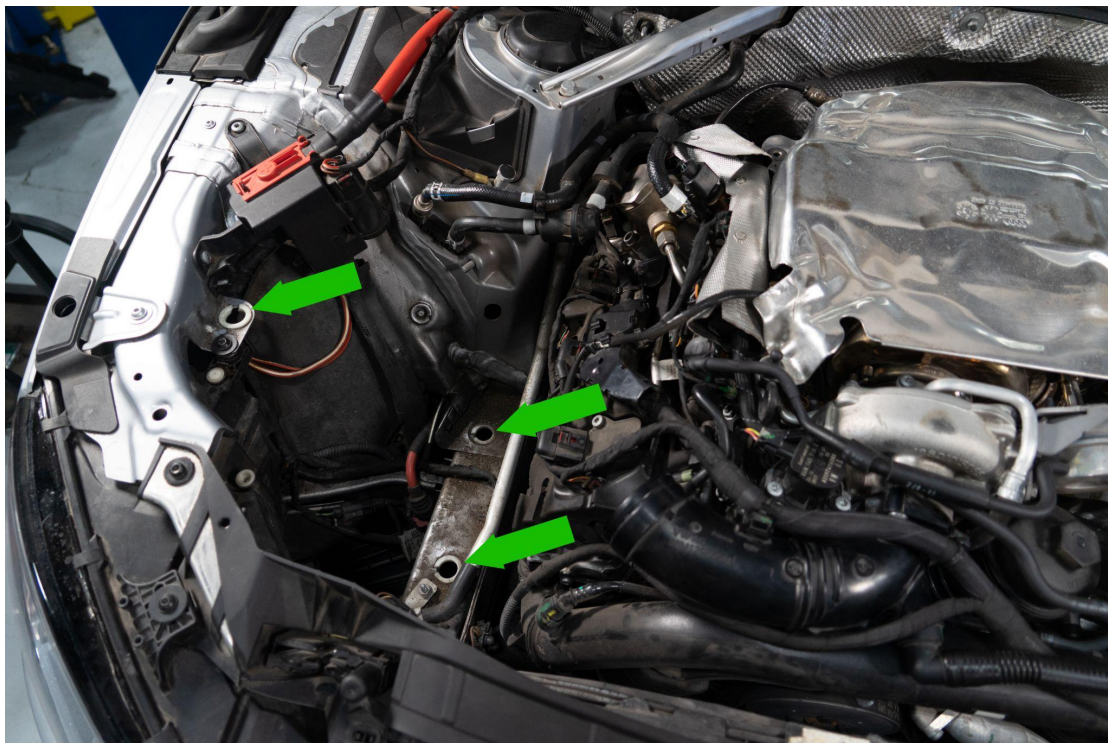
Remove the two 5mm Allen bolts fastening the intake box to the radiator support.



Loosen the two hose clamps on the silicone elbow by turning the screws counterclockwise and removing the elbow from the intake.



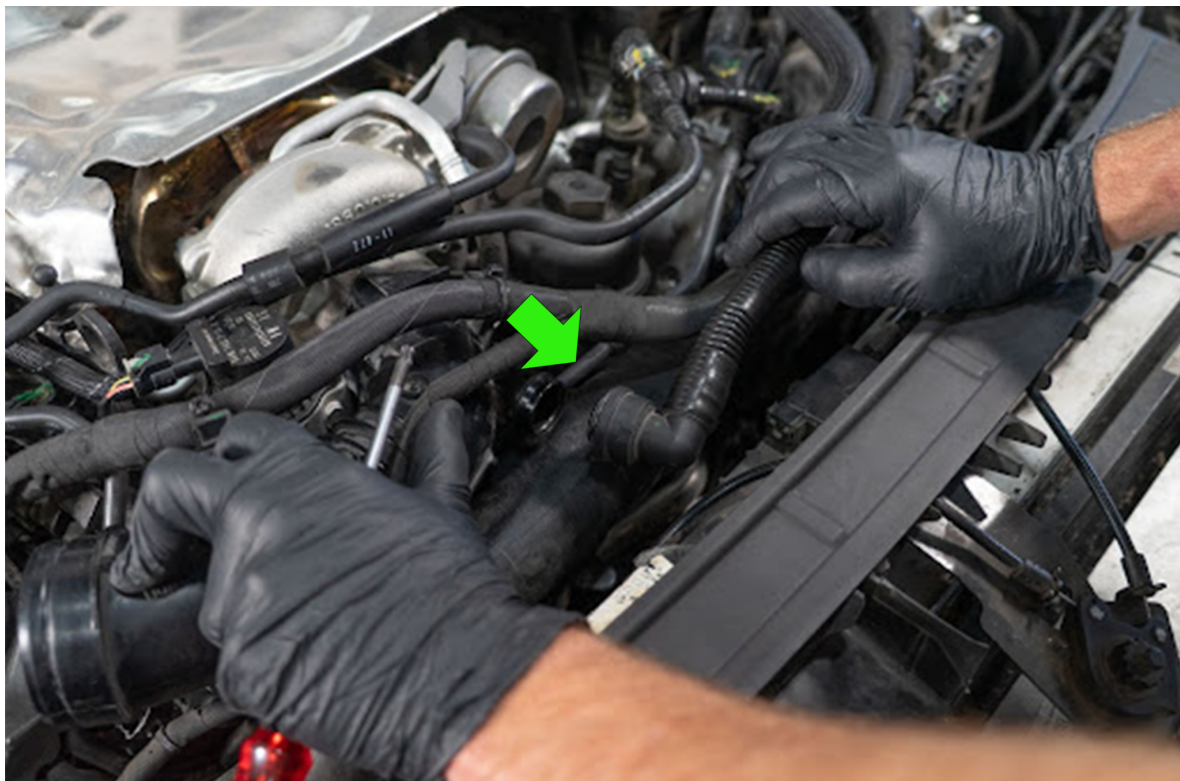
With all the screws removed, remove the intake box from the engine bay by pulling it straight off the three mounting points.



Remove the wire loom clips by pulling them up.



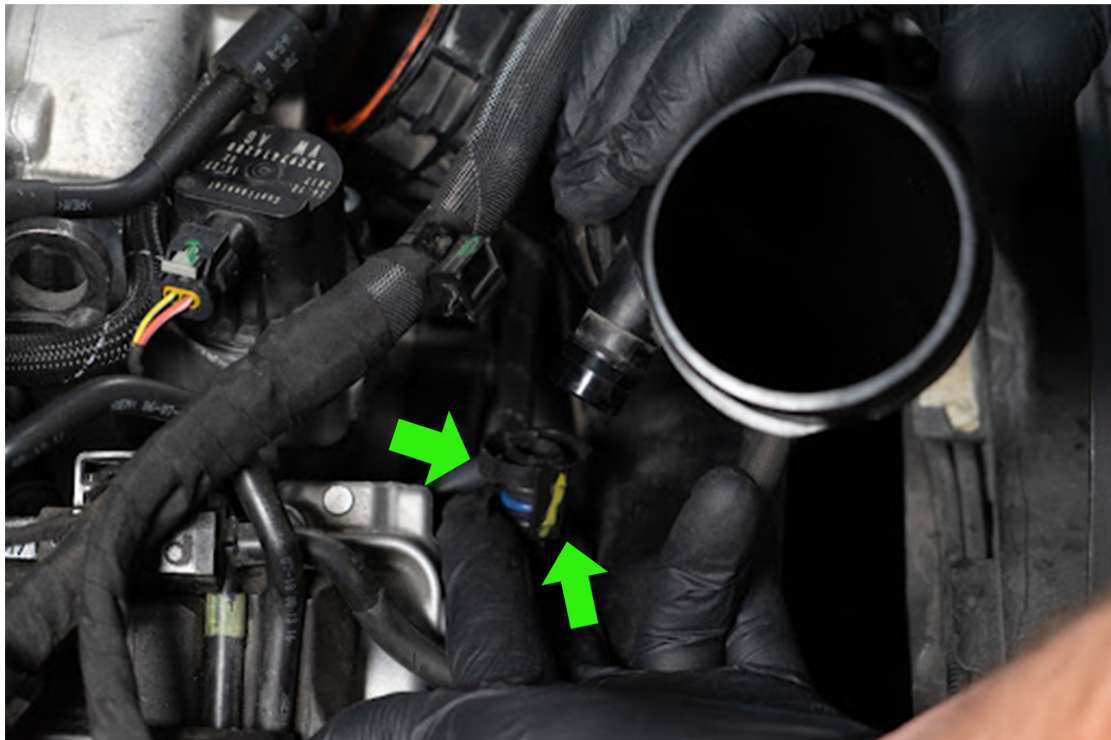
Remove the front breather hose by firmly pulling straight towards the front of the car.



Remove two T30 screws holding on the factory turbo inlet to the turbo



Remove the lower breather hose by pushing both sides of the release tab and pulling down and away from the turbo inlet. You can now remove the factory turbo inlet from the vehicle.



Install compressor housing adapter to turbo using two supplied 5mm socket head screws. Make sure that the adapter is in the proper orientation.



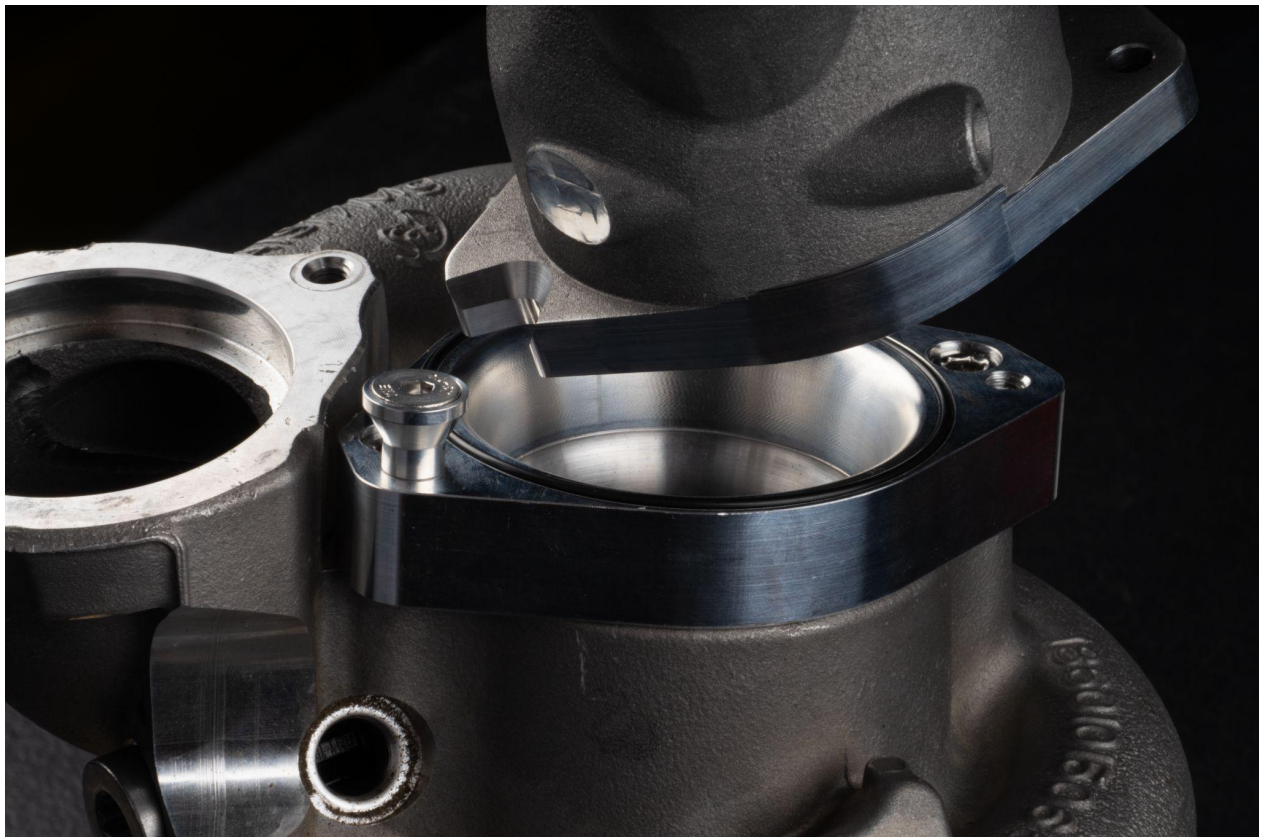
Install the retainer post by using the 25mm flat head 4mm screw



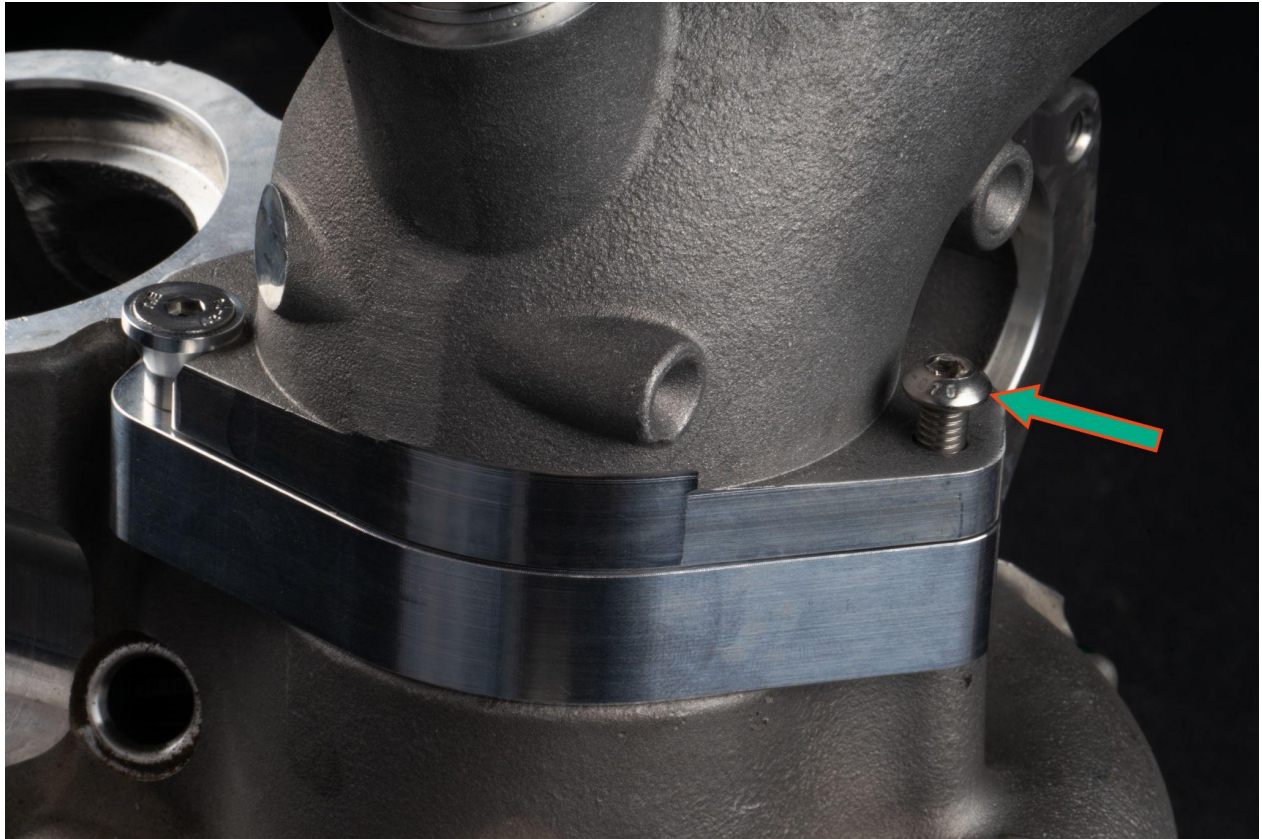
Install the o-ring on both sides of the inlet adapter.



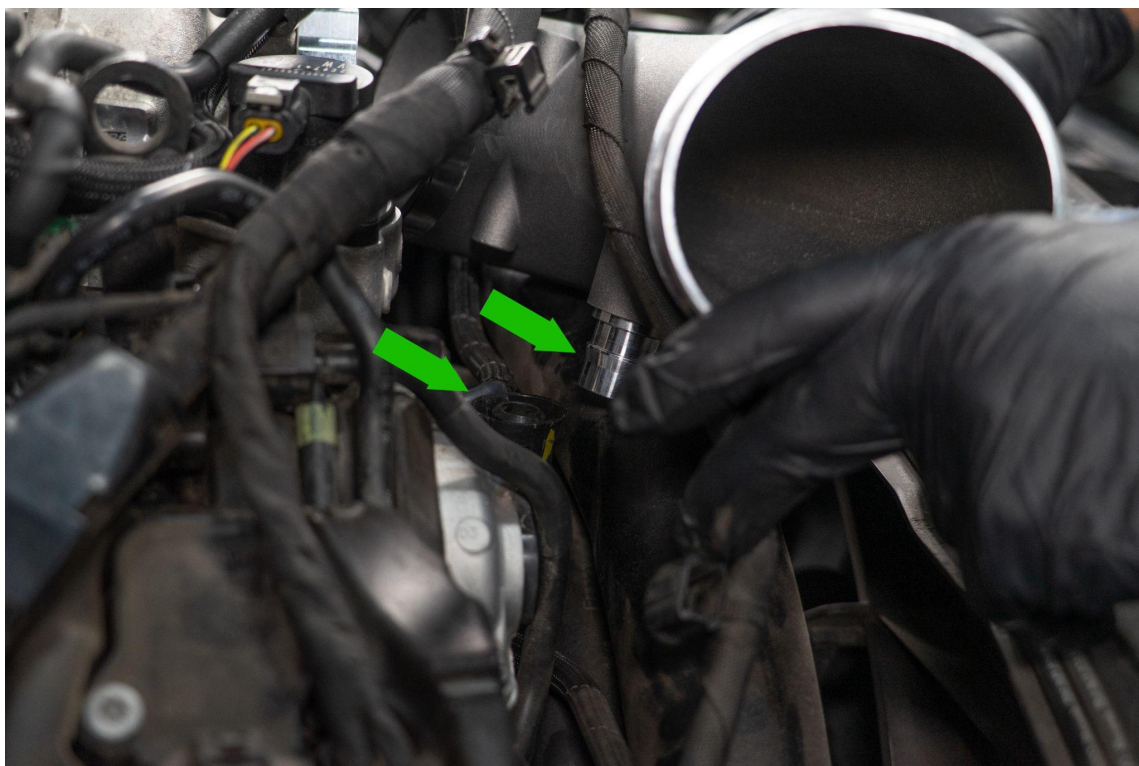
Install the inlet adapter to the turbo. Take care not to drop or pinch the o-ring between the turbo and inlet adapter, then slide the IE inlet onto the aluminum retainer post as shown. (*shown-off vehicle for clarity*)



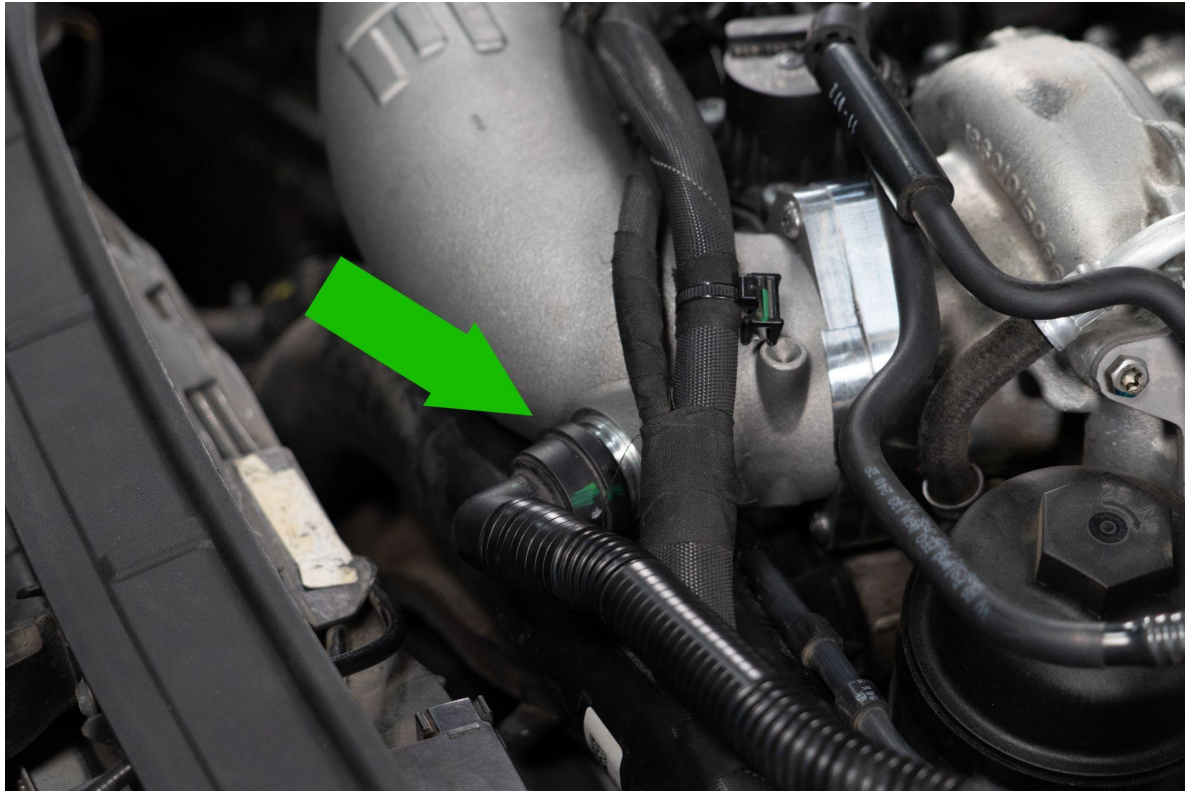
Use the button head screw to attach the inlet to the adapter. **IE Suggests adding Blue LocTite to this thread during installation.**



Install lower breather hose on the machined lower barb. Press until fully seated. It will click when properly in place.



Reinstall upper breather hose onto the machined barb.



Reinstall Carbon intake. Space is tighter with the upgraded inlet. We recommend putting painter's tape on the inlet to help minimize the chance of scratching the airbox. To fit the carbon box without scratching it. First, turn the intake roughly 90 degrees towards you, then insert the pointed end of the intake into place.



Then lower the air box while simultaneously twisting it back into the proper orientation.



With the turbo inlet and the intake in place, rein at stall the radiator Allen bolts, silicone elbow, hose clamps, radiator cover, hood latch, and engine cover. Enjoy your new IE Turbo Inlet Pipe!



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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