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Integrated Engineering's B9 S4 Turbo Inlet Install Guide
IE Part Numbers: IEINCK4

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of Integrated Engineering's Audi S4 Turbo Inlet compatible with Audi B9 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 Muffler Delete Kit and inspect all components, and verify quantities.

IEINCK4 Kit Contents:

- (1) IE B9 S4 Turbo Inlet
- (1) Turbo Inlet Compressor Housing Adapter
- (2) Compressor Housing Adapter O-Ring
- (2) 5mm Flat Head Compressor Housing Adapter Bolts
- (2) 4mm Button Head Inlet to Compressor Housing Bolts
- (1) Silicon Intake Hose
- (2) 80-100mm Hose Clamps

Required Tools:

- T30 Torx Screwdriver/Socket
- Flat head screwdriver
- 5mm allen key
- 4mm allen key

Important Note: This IE Turbo Inlet **REQUIRES** an IE Carbon Fiber Intake System For Audi B9 S4 & S5 3.0T (IEINCK3). It will not fit with the factory Air Intake Box. Instructions for this guide are made with the assumption you already have the intake fitted. If you are starting with a factory airbox, please refer to the IEINCK3 B9 S4/5 intake install guide.

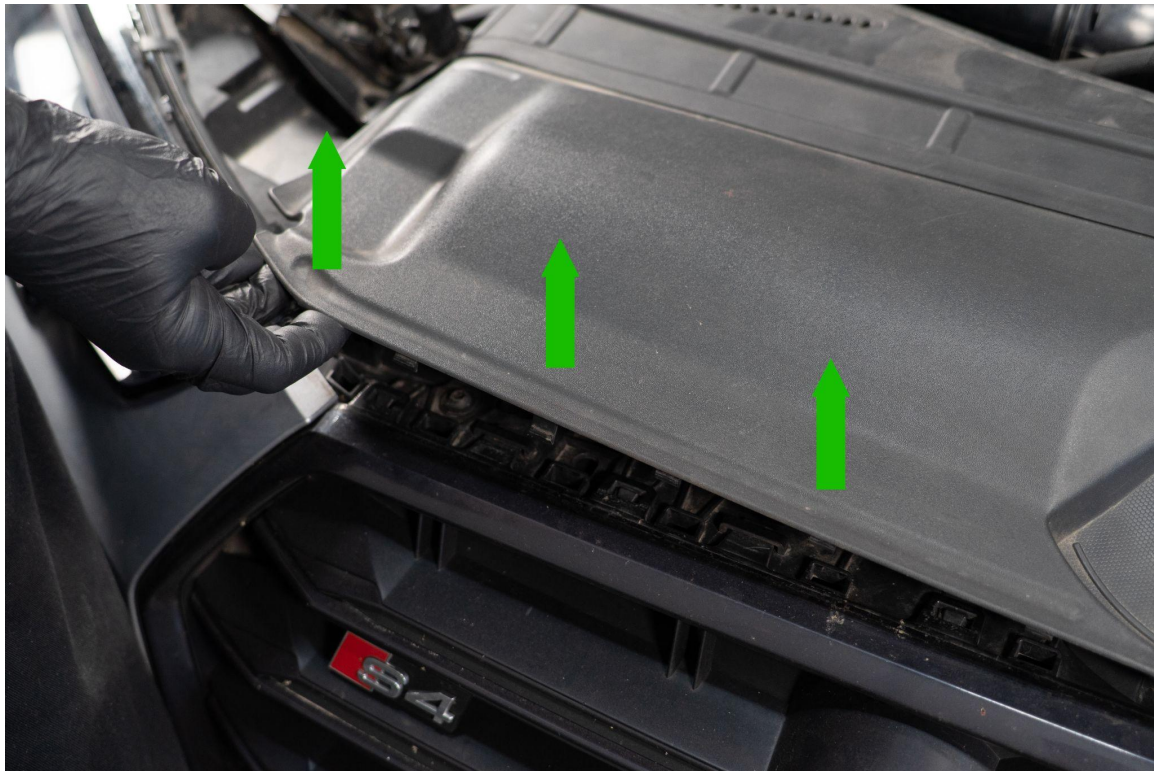
Begin installation by removing the engine cover by pulling straight up off the 4 mounting grommets.



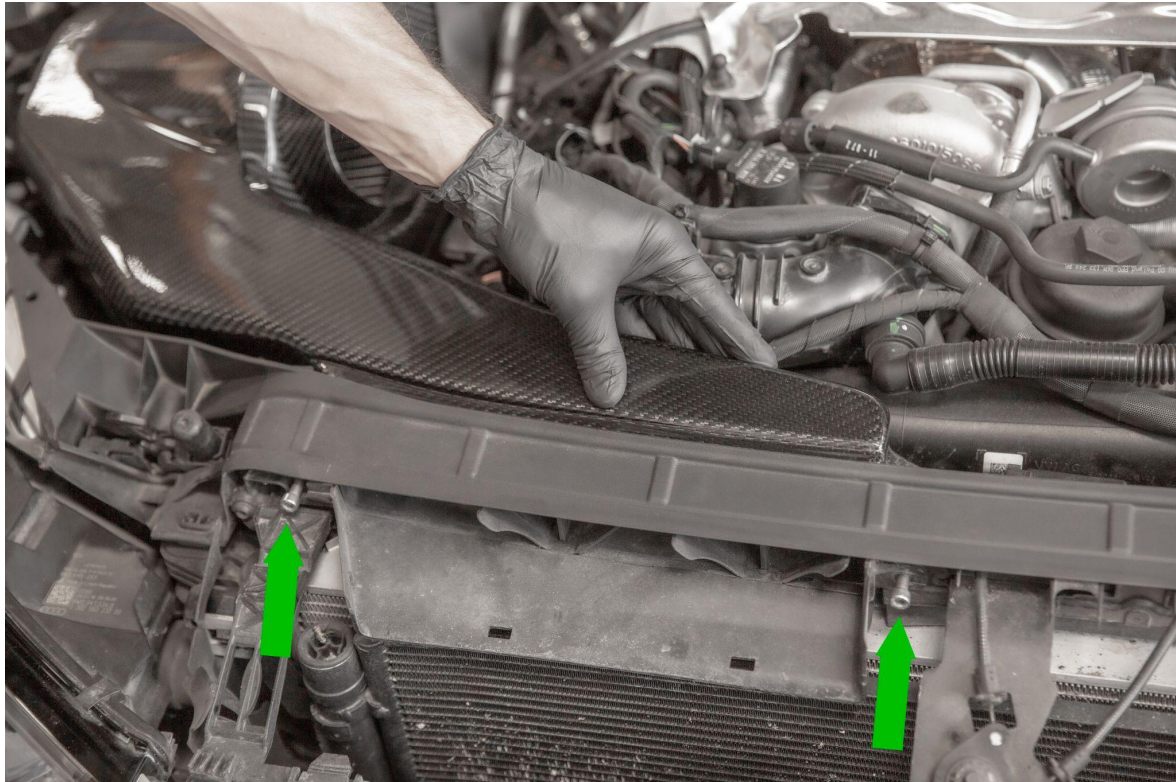
Remove hood latch lever by pushing the release button on the back of the handle.



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



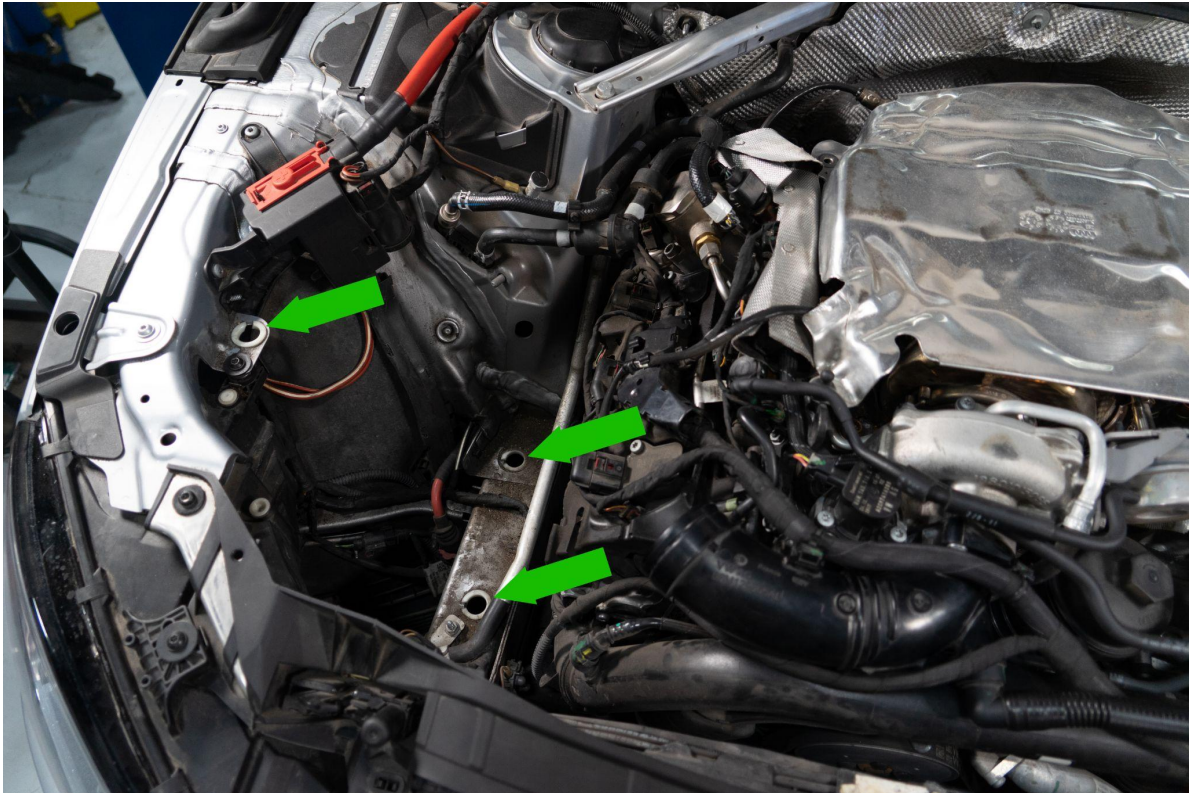
Remove two 5mm allen bolts fastening intake box to radiator support.



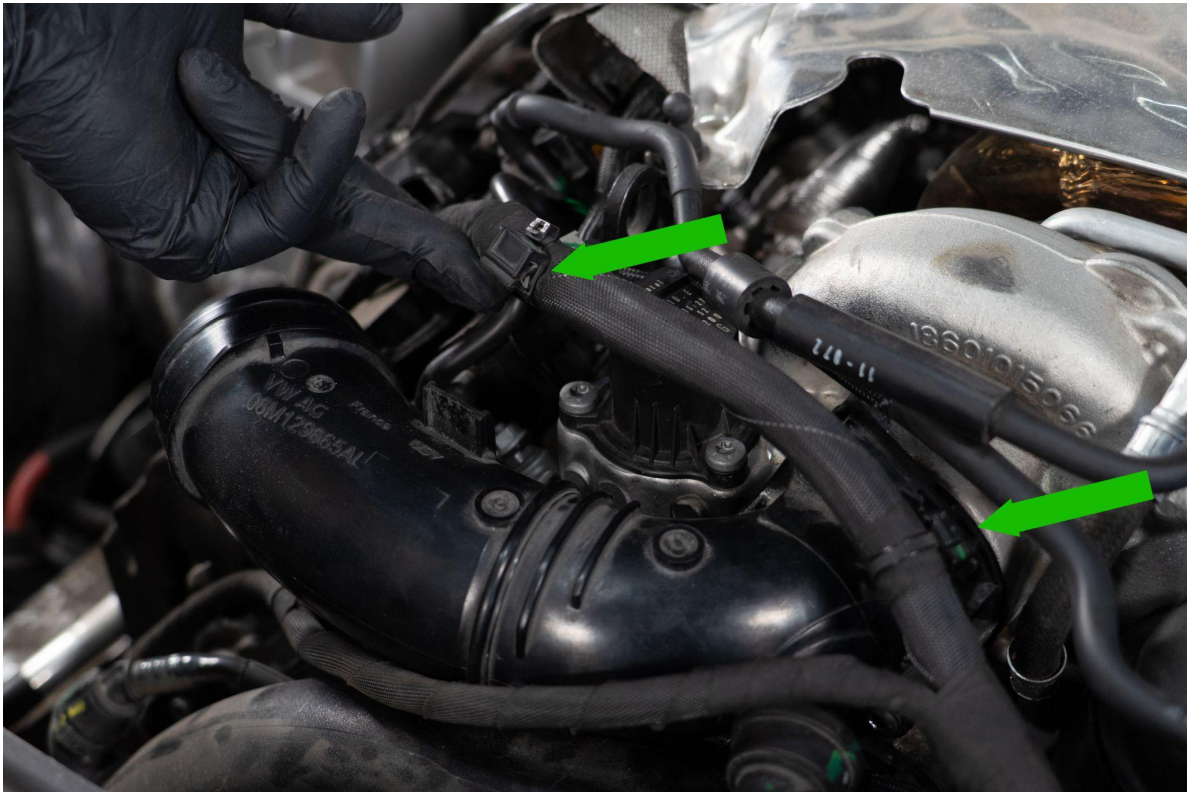
Loosen the two hose clamps on the silicone elbow and remove the elbow from the intake.



Remove the intake box from the engine bay by pulling straight up off the 3 mounting points.



Remove wire loom clips by pulling 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 in both sides of the release tab and pulling down. You can now remove the factory turbo inlet from the vehicle.



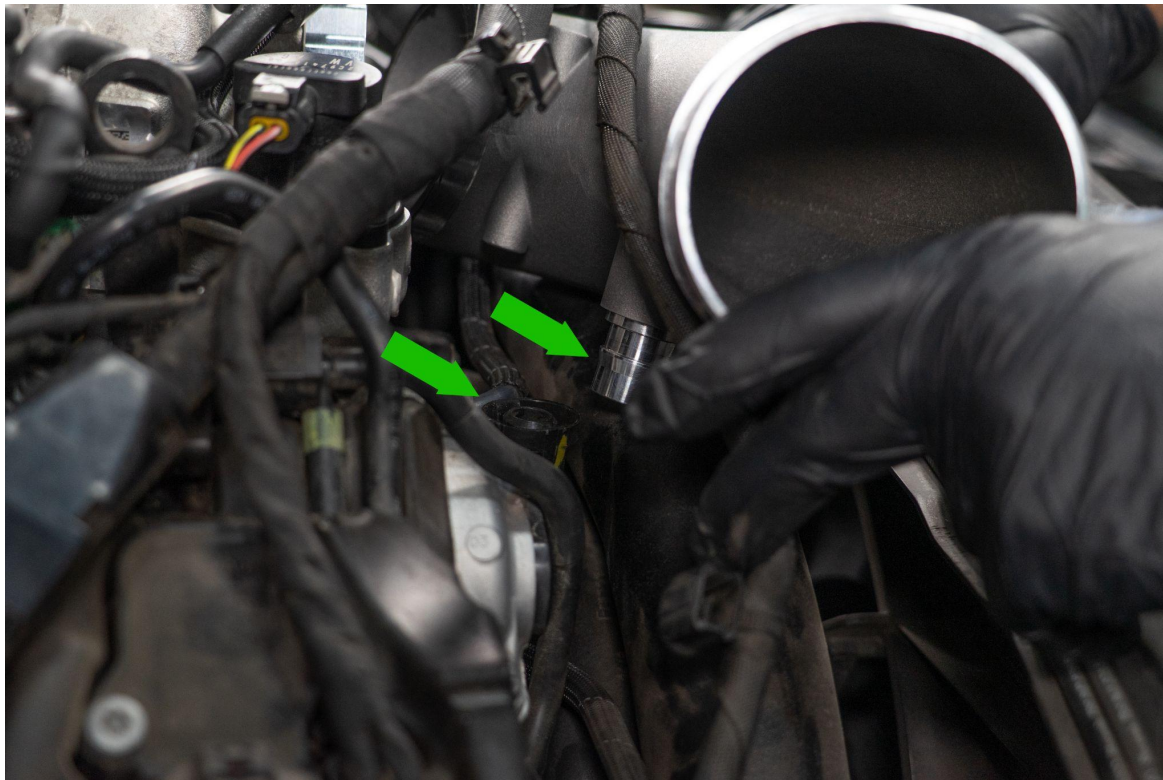
Install supplied O-Rings into the grooves of the Compressor housing adapter. A tiny dot of superglue in the groove can help hold it in place during installation.



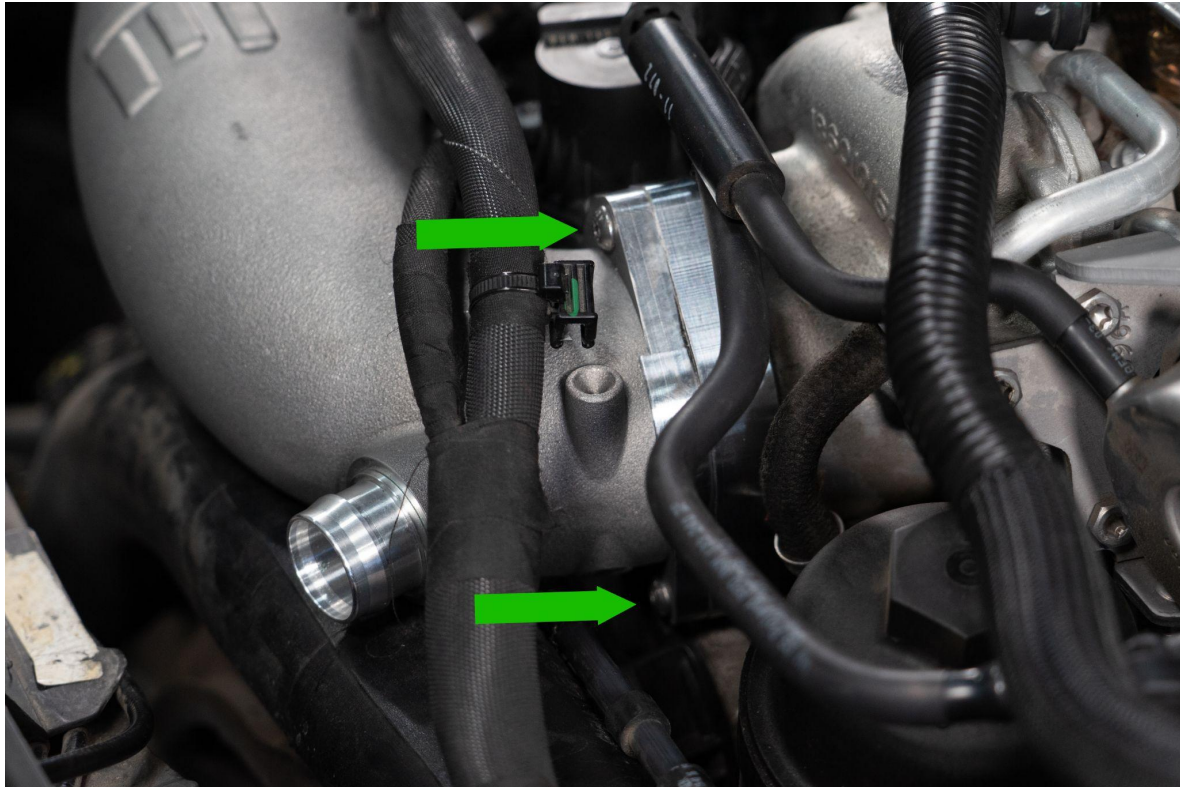
Install compressor housing adapter to turbo using two supplied 5mm flat head screws taking note of the orientation of the adapter.



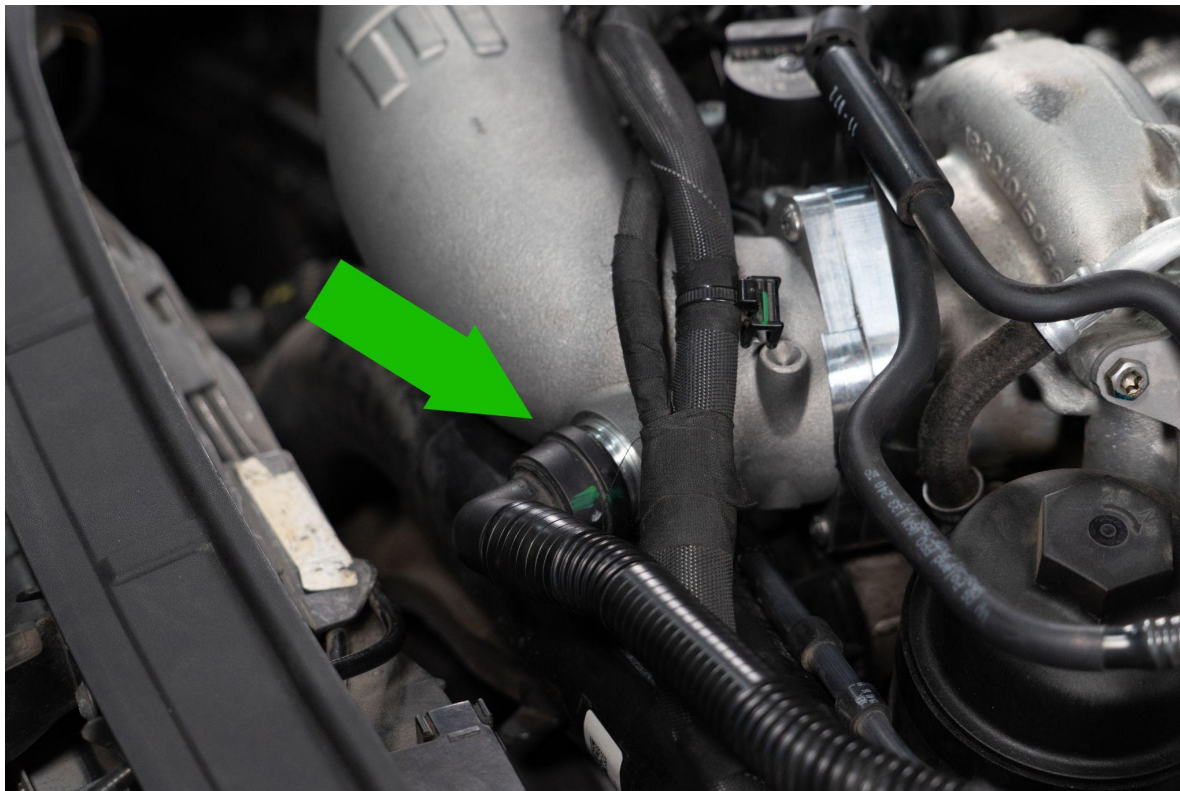
Install lower breather hose on the machined lower barb. Press until fully seated with a click.



Install two 4mm button head screws using 4mm allen.



Reinstall upper breather hose onto machined barb.



Reinstall Carbon intake. Space is tighter with the upgraded inlet. We recommend putting some painters 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.



Reinstall radiator allen bolts, Silicone elbow and hose clamps, radiator cover and hood latch, then the engine vanity cover.



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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