



Audi B9 SQ5 Luft-Technik Intake System Installation Instructions - [ES4265464](#)



Skill Level
1 - Easy
Basic Skills
Required



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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KIT CONTENTS



Heat Shield
(QTY 1)



Inlet Duct
(QTY 1)



Hardware
(QTY 1)



Bulb Seal
(QTY 1)



Intake Hose
(QTY 1)



Air Filter Adapter
(QTY 1)



Air Filter
(QTY 1)

REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

Standard Automotive Tools

- Protecta-Sockets (for lug nuts)..... [ES#2221243](#)
- $\frac{3}{8}$ " Drive Ratchet..... [ES#2765902](#)
- $\frac{3}{8}$ " Drive Torque Wrench..... [ES#2221245](#)
- $\frac{3}{8}$ " Drive Deep and Shallow Sockets..... [ES#2763772](#)
- $\frac{3}{8}$ " Drive Extensions [ES#2804822](#)
- Hydraulic Floor Jack [ES#2834951](#)
- **Torx Drivers and Sockets** [ES#11417/8](#)
- $\frac{1}{2}$ " Drive Deep and Shallow Sockets..... [ES#2839106](#)
- $\frac{1}{2}$ " Drive Ratchet
- $\frac{1}{2}$ " Drive Extensions
- $\frac{1}{2}$ " Drive Torque Wrench..... [ES#2221244](#)
- $\frac{1}{2}$ " Drive Breaker Bar [ES#2776653](#)
- Bench Mounted Vise
- Crows Foot Wrenches
- Hook and Pick Tool Set [ES#2778980](#)

Required For This Install

Available On Our Website

- **$\frac{1}{4}$ " Drive Ratchet**..... [ES#2823235](#)
- **$\frac{1}{4}$ " Drive Deep and Shallow Sockets**..... [ES#2823235](#)
- **$\frac{1}{4}$ " Drive Extensions**..... [ES#2823235](#)
- Plier and Cutter Set..... [ES#2804496](#)
- Flat and Phillips Screwdrivers [ES#2225921](#)
- Jack Stands..... [ES#2763355](#)
- Ball Pein Hammers
- Pry Bar Set..... [ES#1899378](#)
- Electric/Cordless Drill
- Wire Strippers/Crimpers
- Drill Bits
- Punch and Chisel Set
- **Hex Bit (Allen) Wrenches and Sockets** [ES#11420](#)
- Thread Repair Tools [ES#1306824](#)
- **Open/Boxed End Wrench Set**..... [ES#2765907](#)

INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK INTAKE

Step 1:

Locate the release button along the back edge of the hood release lever. Push in on the button with your finger, then pull the hood release lever off.



Step 2:

Remove the radiator shroud by first pulling up on the front edge to unclip it from the grille, then pulling it forward to slide it out of the core support.



REMOVING THE STOCK INTAKE

Step 3: T25 Torx

Remove the two screws (arrows) which secure the inlet duct to the core support. Set them aside, we will be reusing them later.



Step 4:

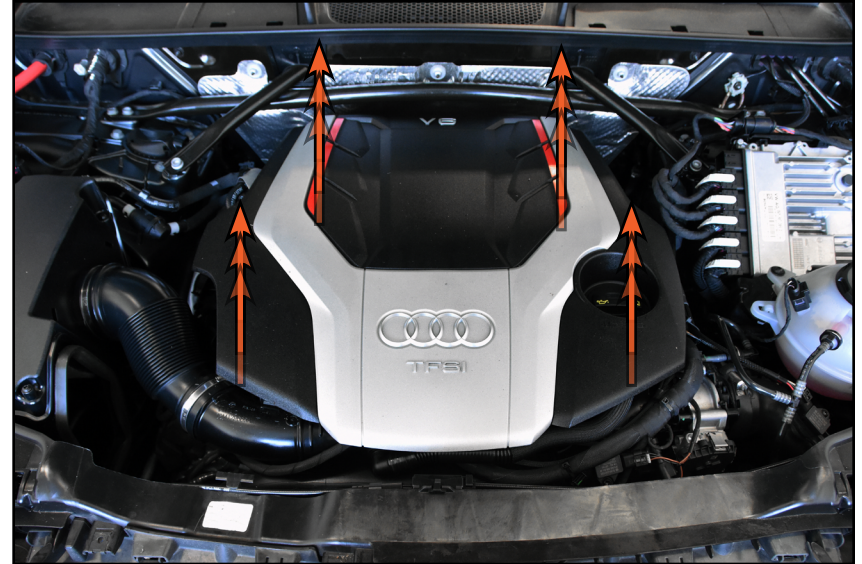
Pull the inlet duct free from the air box as shown.



REMOVING THE STOCK INTAKE

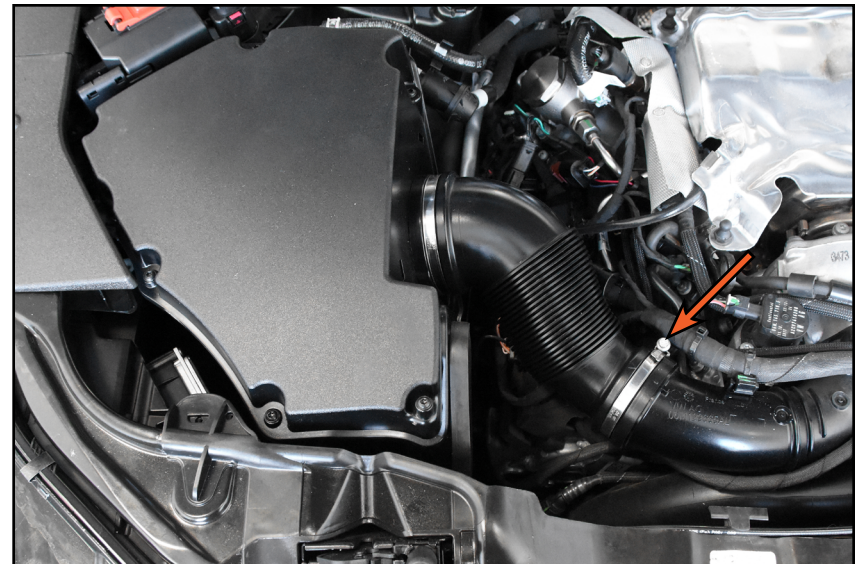
Step 5:

Remove the engine cover by pulling upward on the four corners to pop it free from the mounting grommets.



Step 6: 7mm Socket & Ratchet -OR- Flat Head Screwdriver

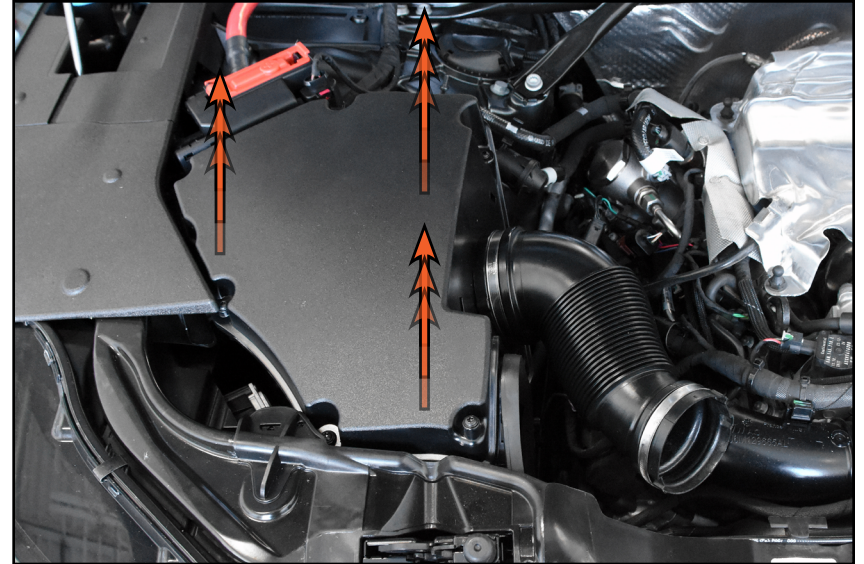
Loosen the clamp (arrow) which secures the stock intake pipe, then pull it off of the turbo inlet.



REMOVING THE STOCK INTAKE

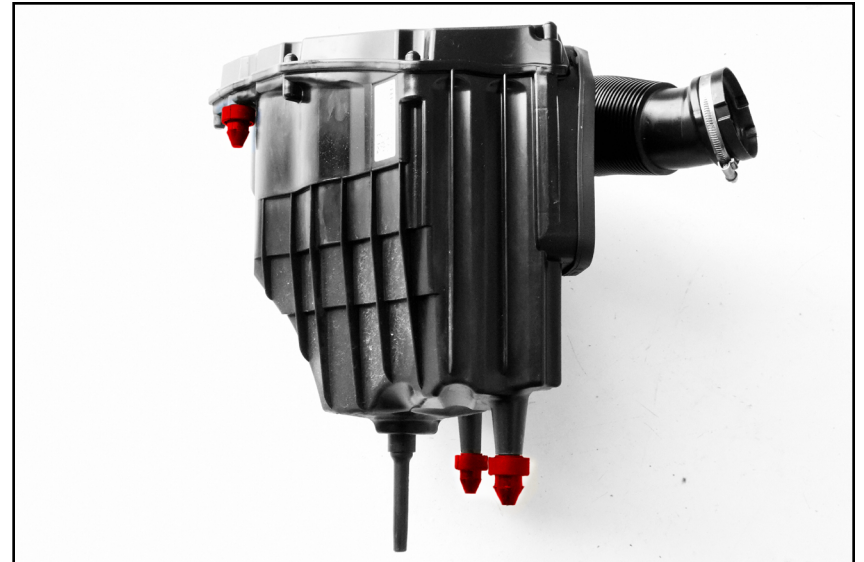
Step 7:

Lift up on the air box to pop it free from its mounting grommets, then carefully guide the stock intake system out from the vehicle.



Step 8:

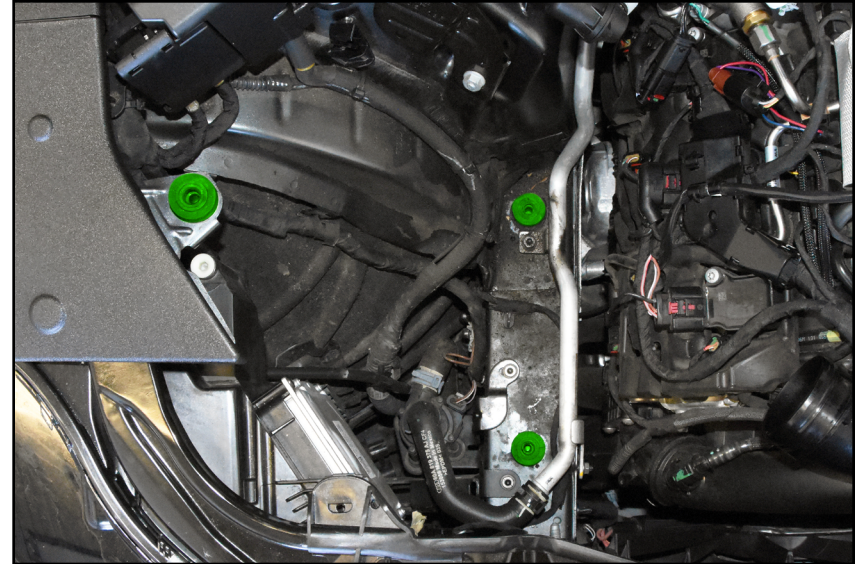
It is common for the air box mounting grommets (highlighted in **RED**) to stay attached to the air box and be pulled out of the vehicle during removal. If this is the case, pull them free and set them aside.



INSTALLING THE NEW INTAKE SYSTEM

Step 1:

Reinstall the air box mounting grommets (highlighted in **GREEN**) into the vehicle as shown.

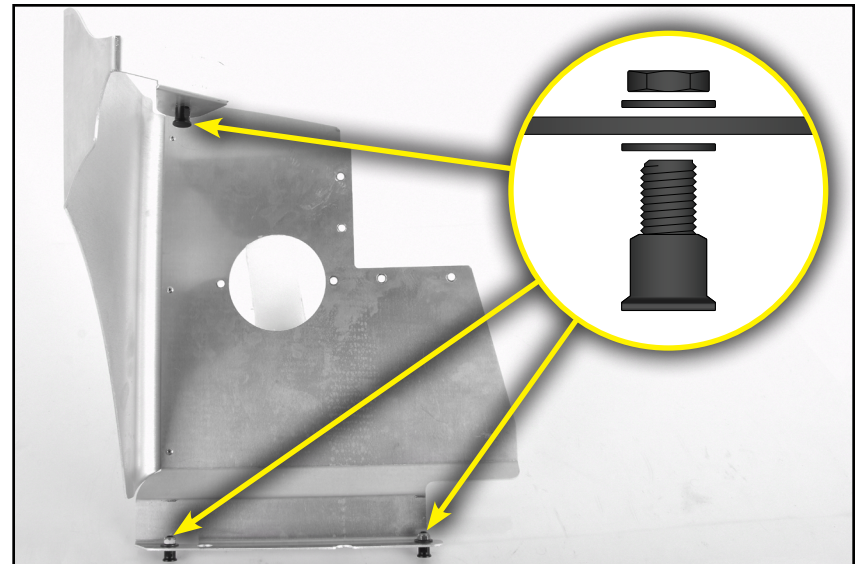


Step 2: 8mm Wrench, 10mm Socket & Ratchet

Using the illustration on the right, install the three provided standoff studs (arrows) into the heat shield with the provided washers and nuts and tighten them until snug.



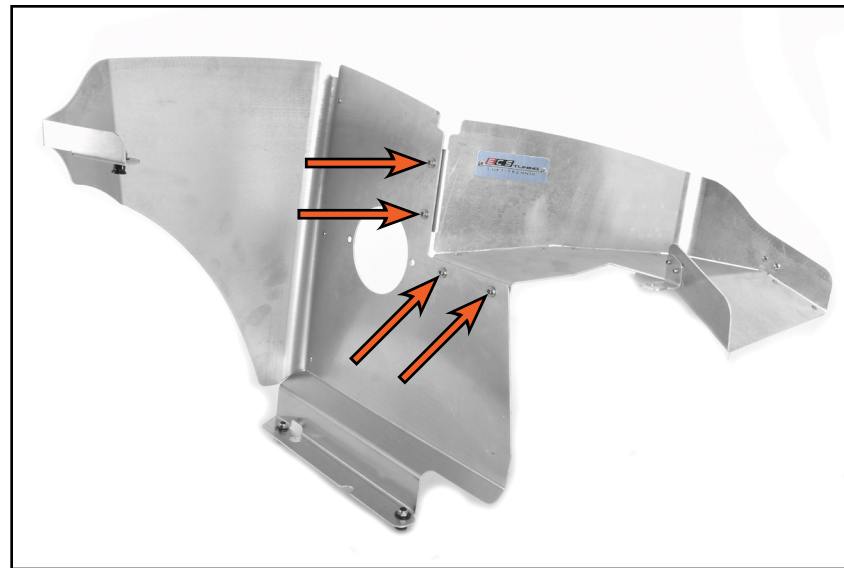
This installation was conducted with the raw prototype heat shield, the final product will have a wrinkle black powder-coated finish.



INSTALLING THE NEW INTAKE SYSTEM

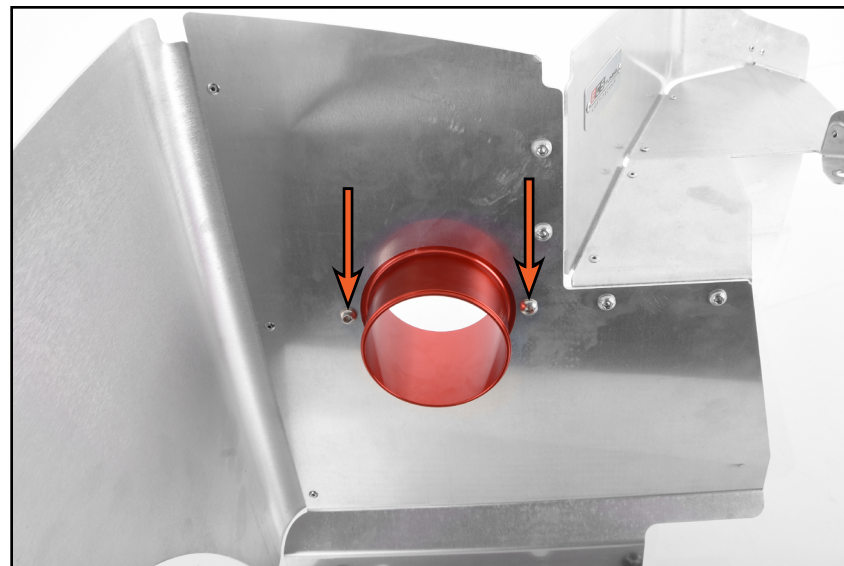
Step 3: 4mm Hex (Allen)

Install the inlet duct onto the heat shield using the four provided M6 x 14mm screws (arrows).



Step 4: 4mm Hex (Allen)

Install the air filter adapter into the heat shield as shown using the two provided M6 x 10mm screws (arrows).



INSTALLING THE NEW INTAKE SYSTEM

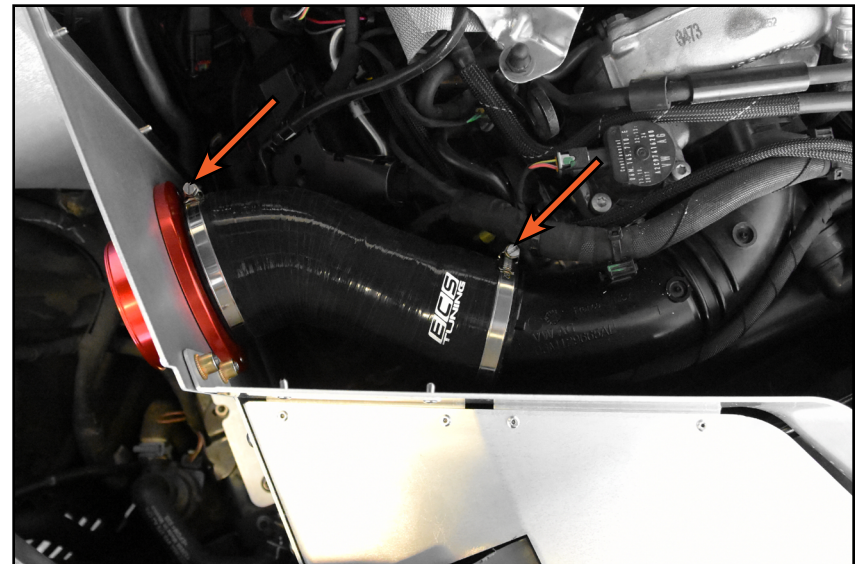
Step 5:

Install the heat shield into the vehicle by lining up the standoff studs with the mounting grommets on the vehicle and pushing down to pop them into place.



Step 6: 8mm Socket & Ratchet -OR- Flat Head Screwdriver

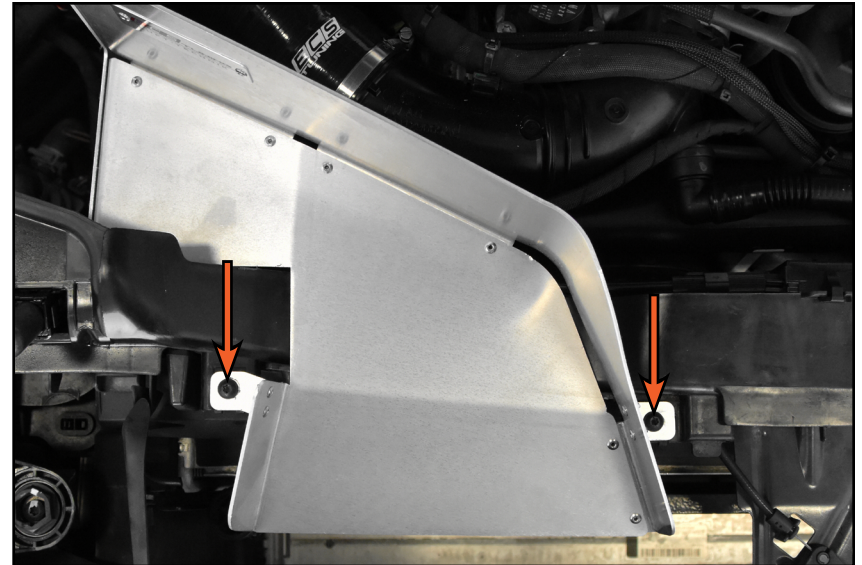
Ensure the clamps are properly installed onto the intake hose as shown, then install it between the turbo inlet and filter adapter. Rotate the hose until you are satisfied with its fitment then fully tighten the clamps (arrows).



INSTALLING THE NEW INTAKE SYSTEM

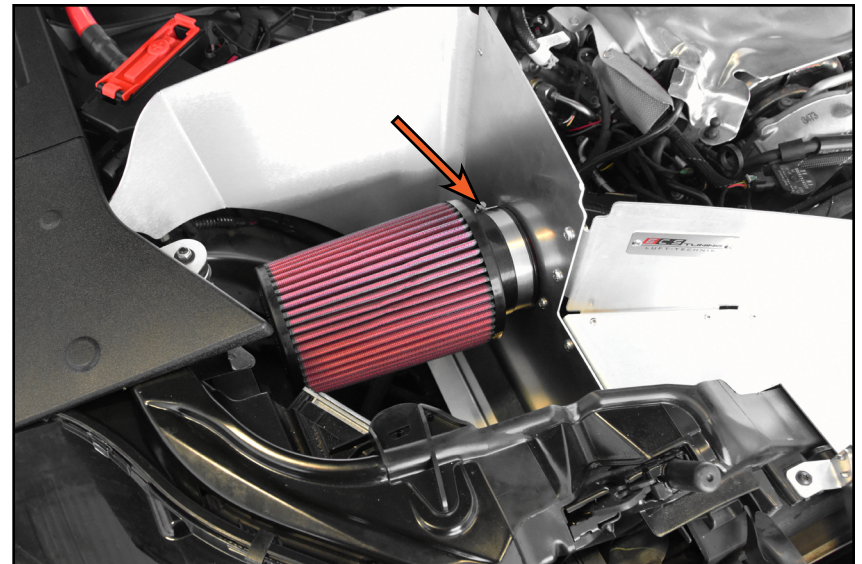
Step 7: T25 Torx

Reinstall the two screws (arrows) to secure the new inlet heat shield to the core support.



Step 8: 8mm Socket & Ratchet -OR- Flat Head Screwdriver

Slide the air filter onto the end of the filter adapter and tighten the clamp (arrow) until snug.



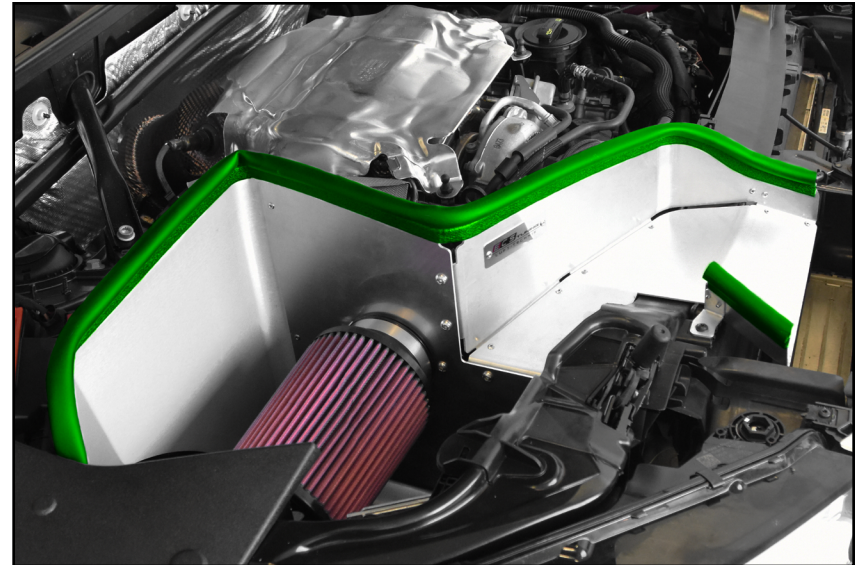
INSTALLING THE NEW INTAKE SYSTEM

Step 9:

Apply the provided bulb seal (highlighted in **GREEN**) along the top of the heat shield. This will help seal the intake to the hood, making it more air-tight.



Be sure to trim off any excess length of bulb seal for a clean appearance.



Step 10:

Reinstall the radiator shroud onto the core support.



INSTALLING THE NEW INTAKE SYSTEM

Step 11:

Reinstall the hood release lever.



Step 12:

Reinstall the engine cover by lining the mounting posts up with the grommets and pushing down to pop it into place.

Congratulations, your installation is complete!



Your Luft-Technik Intake System installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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