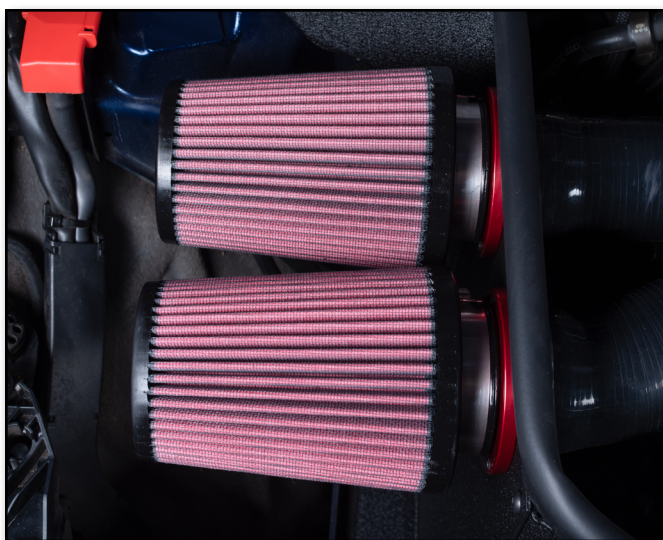
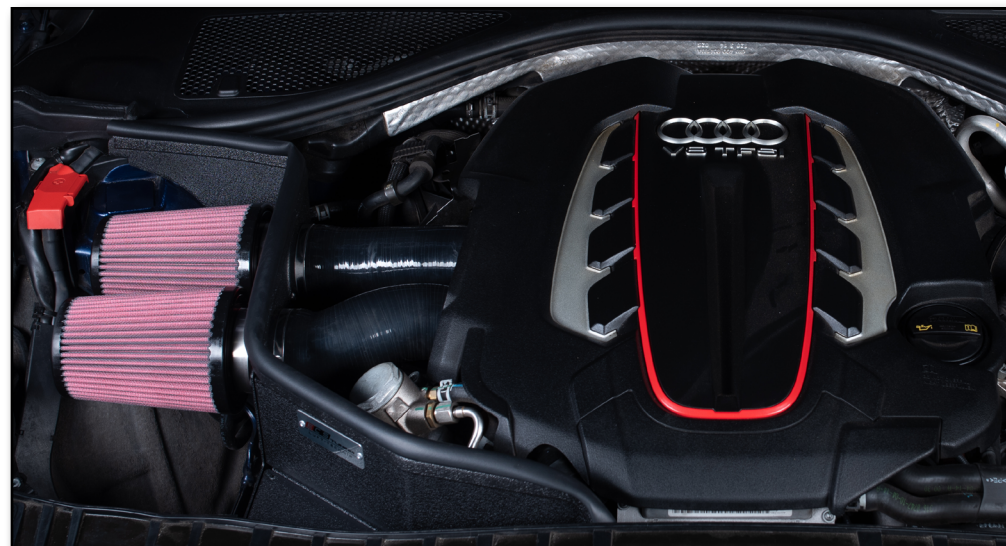




## Audi C7 4.0T Luft-Technik Intake System Installation Instructions - [Click HERE to Shop](#)



**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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Required Tools and Equipment.....	<a href="#">pg.3</a>
Installation and Safety Information .....	<a href="#">pg.4</a>
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Installing the New Intake System .....	<a href="#">pg.9</a>

## KIT CONTENTS



Heat Shield  
(QTY 1)



Inlet Duct  
(QTY 1)



Intake Hoses w/ Clamps  
(QTY 2)



Filter Adapters  
(QTY 2)



Air Filters  
(QTY 2)



\*Kohlefaser Luft-Technik only

Carbon Fiber Lid  
(QTY 1)



\*Luft-Technik only

Bulb Seal  
(QTY 1)



Hardware Pack  
(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](#)
- 3/8" Drive Ratchet..... [ES#2765902](#)
- 3/8" Drive Torque Wrench..... [ES#2221245](#)
- 3/8" Drive Deep and Shallow Sockets..... [ES#2763772](#)
- 3/8" Drive Extensions ..... [ES#2804822](#)
- Hydraulic Floor Jack ..... [ES#2834951](#)
- **Torx Drivers and Sockets** ..... [ES#11417/8](#)
- 1/2" Drive Deep and Shallow Sockets..... [ES#2839106](#)
- 1/2" Drive Ratchet
- 1/2" Drive Extensions
- 1/2" Drive Torque Wrench..... [ES#2221244](#)
- 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

- **1/4" Drive Ratchet**..... [ES#2823235](#)
- **1/4" Drive Deep and Shallow Sockets**..... [ES#2823235](#)
- **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](#)

### Specialty Tools

- **Trim Removal Tools** ..... [ES#517779](#)

## 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.



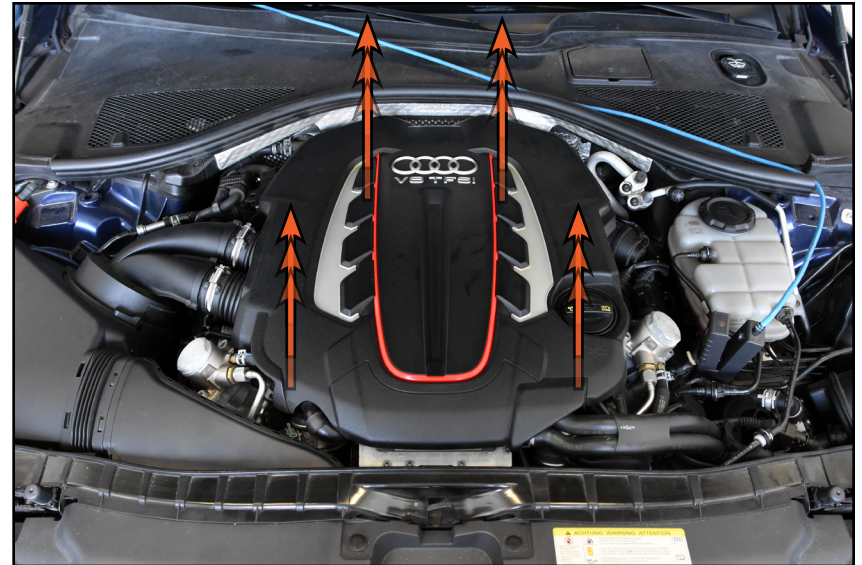
**NEVER** get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.



## REMOVING THE STOCK INTAKE

### Step 1:

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



### Step 2: Trim Removal Tools

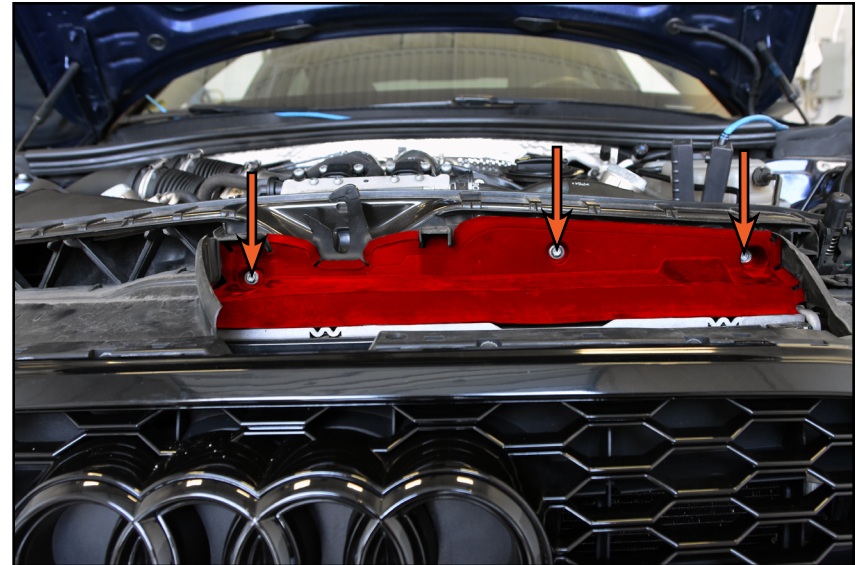
Remove the two push-rivets (arrows) which secure the radiator shroud, then lift up to pop it free from the core support.



## REMOVING THE STOCK INTAKE

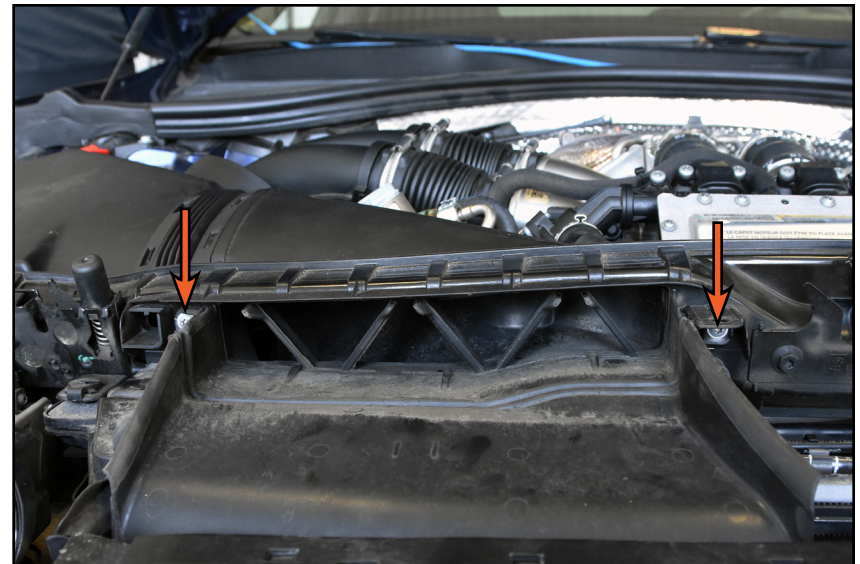
### Step 3: T30 Torx

Remove the three screws (arrows) which secure the plastic air cowl (highlighted in **RED**), then pull it forward to remove it from the core support.



### Step 4: T25 Torx

Remove the two screws (arrows) which secure the air scoop to the core support.

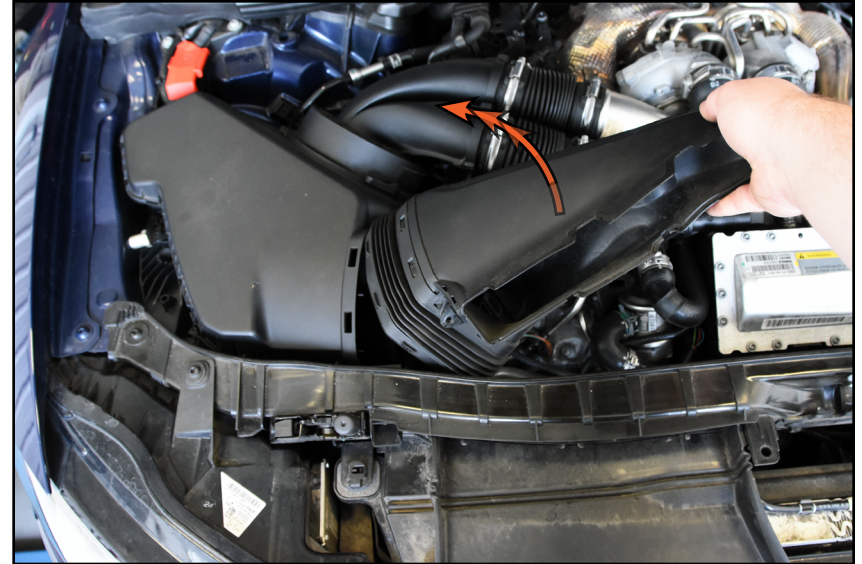




## REMOVING THE STOCK INTAKE

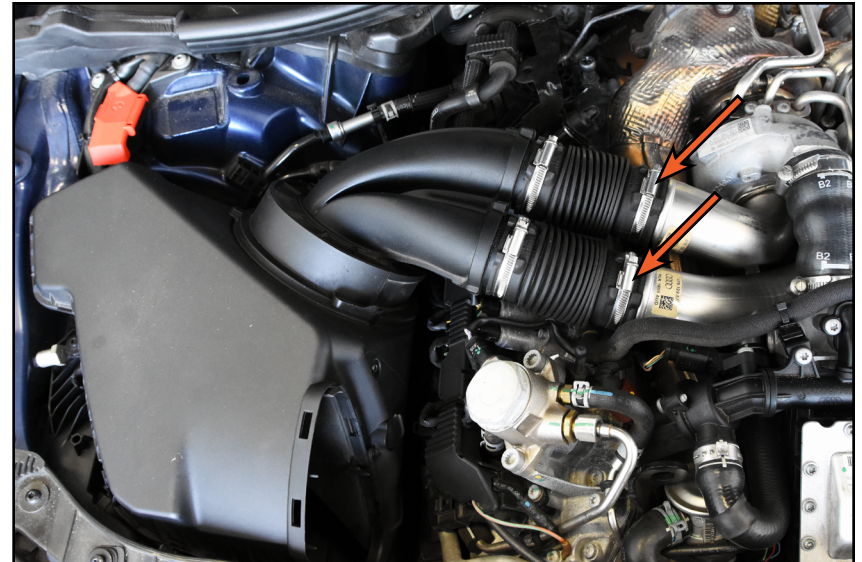
### Step 5:

Pull the inlet duct free from the intake as shown.



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

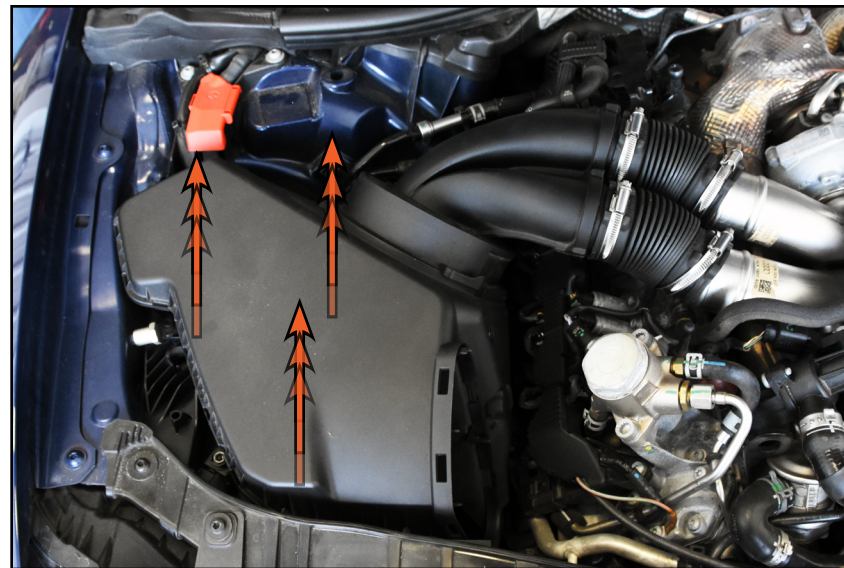
Loosen the clamps (arrows) which secure the stock intake pipes to the turbo inlets, then pull them free.



## 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: T30 Torx

Remove the torx screw (circled in **RED**) from the front of the strut tower, and set it aside, we will be reusing it later.

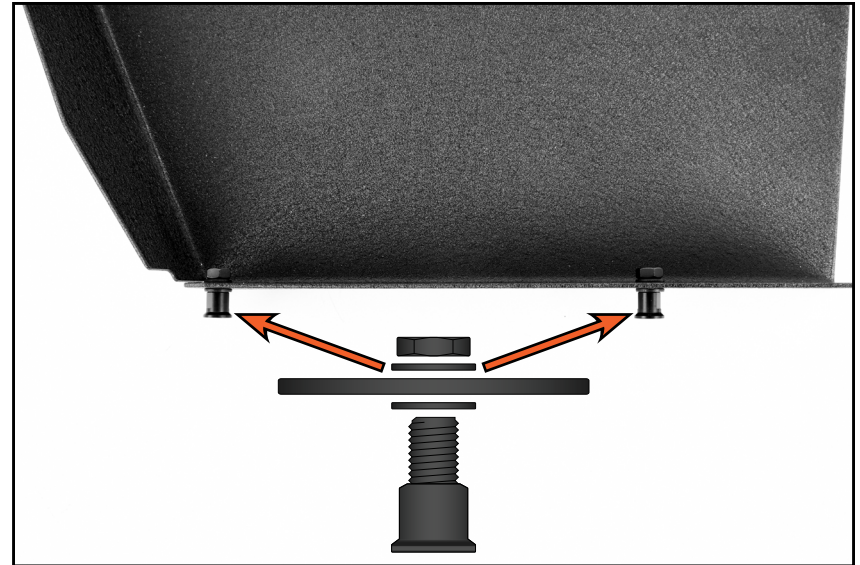




## INSTALLING THE NEW INTAKE SYSTEM

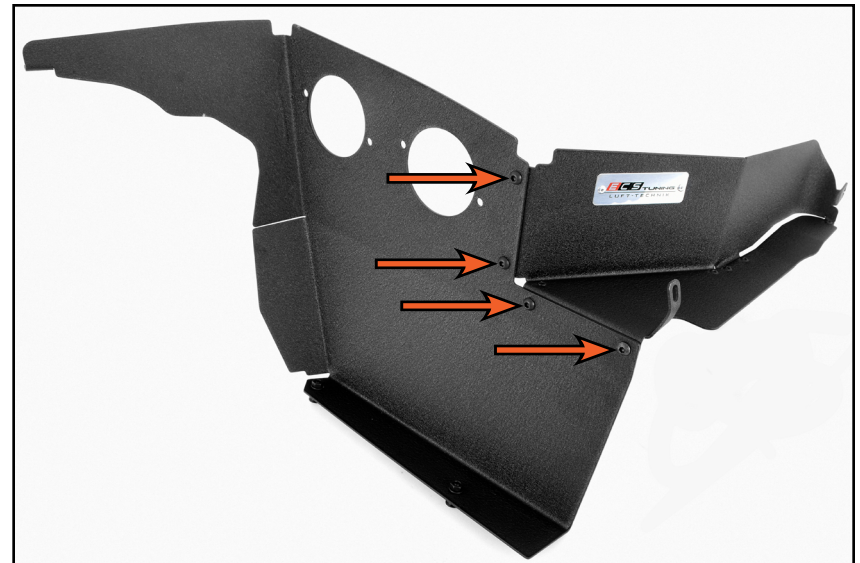
### Step 1: 8mm Wrench, 10mm Socket & Ratchet

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



### Step 2: 4mm Hex (Allen)

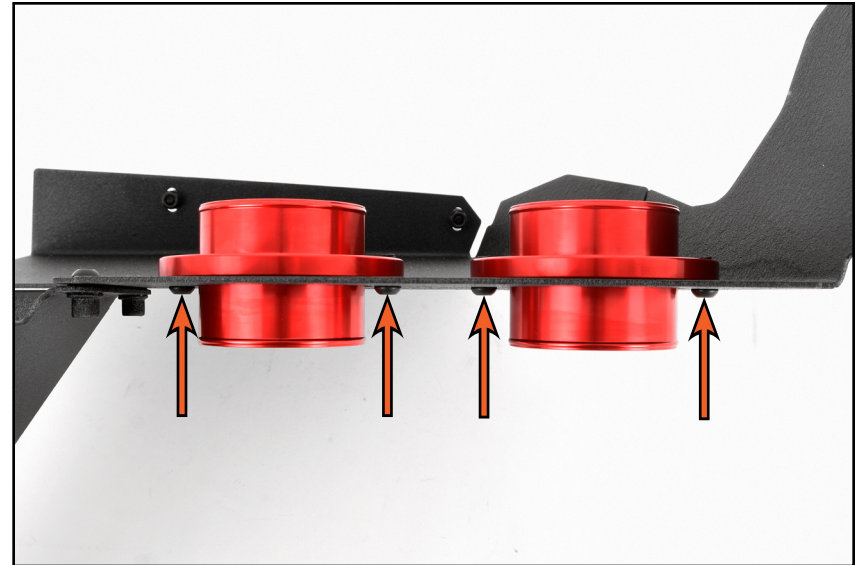
Install the inlet duct onto the heat shield using the four of the provided M6 x 12mm screws (arrows).



## INSTALLING THE NEW INTAKE SYSTEM

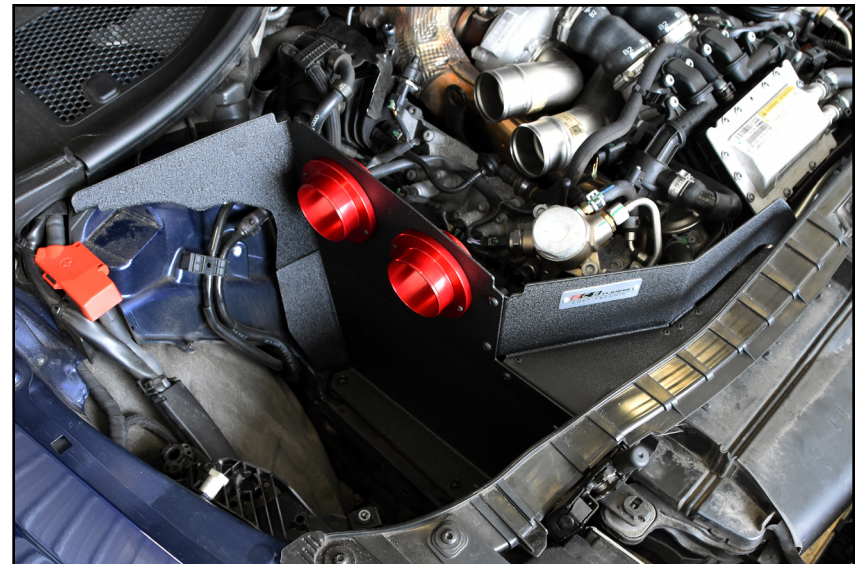
### Step 3: 4mm Hex (Allen)

Install the two air filter adapter into the heat shield as shown using the four remaining M6 x 12mm screws (arrows).



### Step 4:

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.

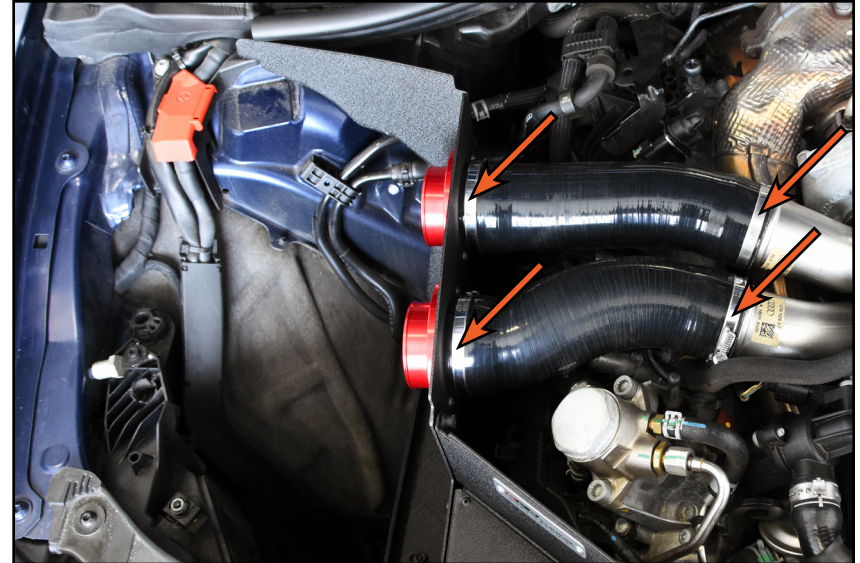




## INSTALLING THE NEW INTAKE SYSTEM

### Step 5: 8mm Socket & Ratchet -OR- Flat Head Screwdriver

Ensure the clamps are properly installed onto the intake hoses as shown, then install them between the turbo inlets and filter adapters. Rotate the hoses until you are satisfied with their fitment then fully tighten all of the clamps (arrows).



### Step 6: T30 Torx

Reinstall the torx screw (arrow) we removed earlier to secure the top of the heat shield to the strut tower.



## INSTALLING THE NEW INTAKE SYSTEM

### Step 7: 8mm Wrench, 4mm Hex (Allen)

Install the provided M5 x 45mm screws, washers and nuts through the core support to secure the factory air scoop to the new inlet heat shield.



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

Slide the air filters onto the end of the filter adapters and tighten the clamps (arrows) until snug.

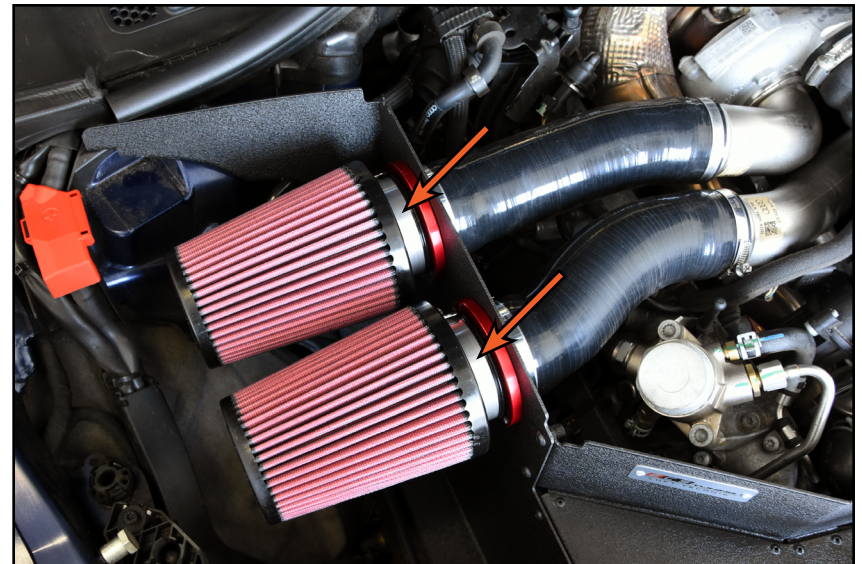


#### **If you purchased a Luft-Technik Intake:**

Please proceed to the next page for final installation steps.

#### **If you purchased a Kohlefaser Luft-Technik Intake:**

Please skip to [page 14](#) for final installation steps.





## INSTALLING THE NEW INTAKE SYSTEM

### Step 9:

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

Reinstall the plastic air cowl into the core support, then reinstall the radiator shroud.

Reinstall the engine cover.

***Your Luft-Technik Intake System installation is complete!***





## INSTALLING THE NEW INTAKE SYSTEM

### Step 9:

Install the remaining standoff onto the mounting tab on the side of the lid (arrow in inset photo) using the provided washer and nut.

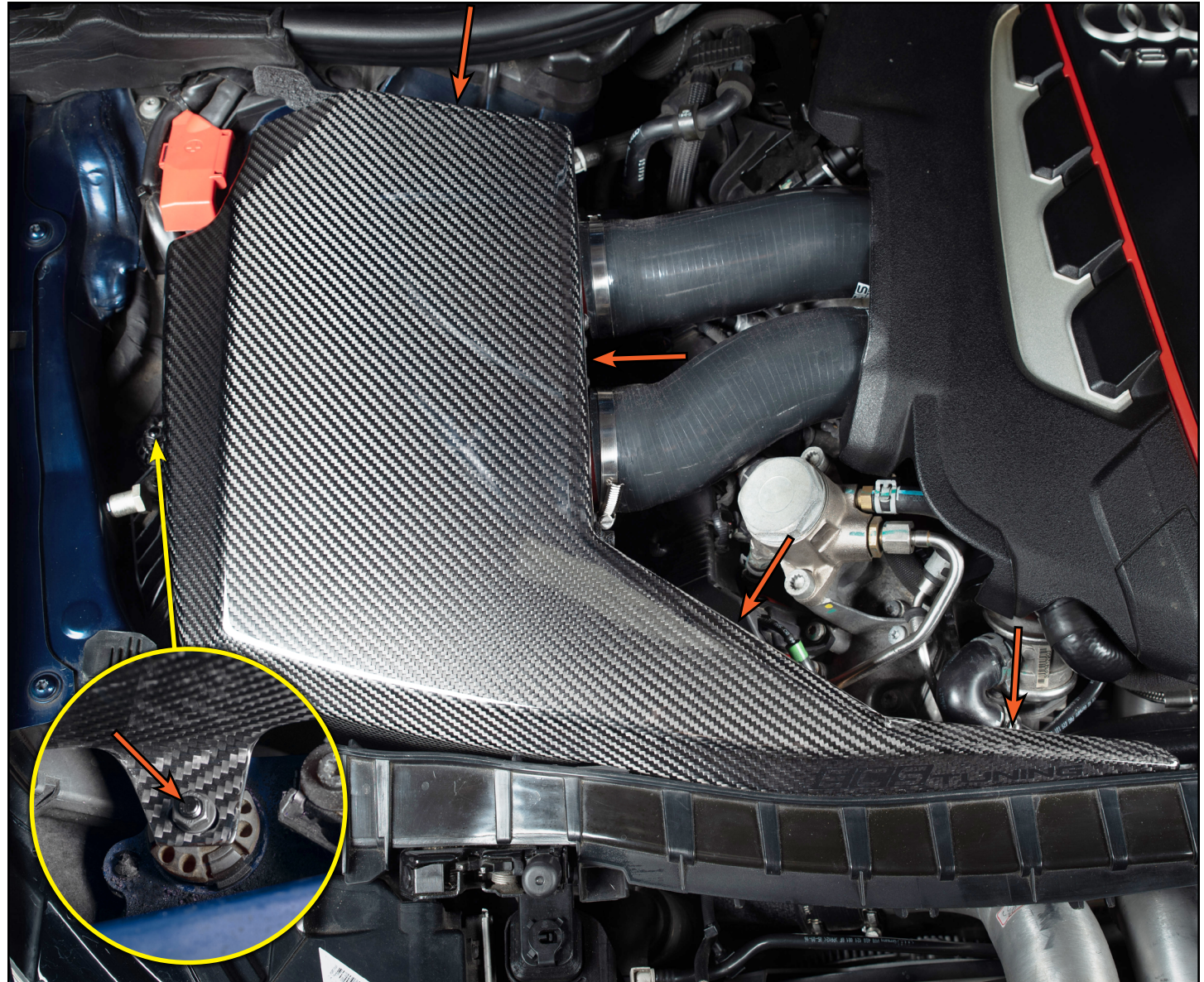
Lay the lid into place, ensuring the standoff aligns with the mounting grommet and push down until it is fully seated.

Install the four remaining screws and washers (arrows) to secure the lid to the heat shield.

Reinstall the plastic air cowl into the core support, then reinstall the radiator shroud.

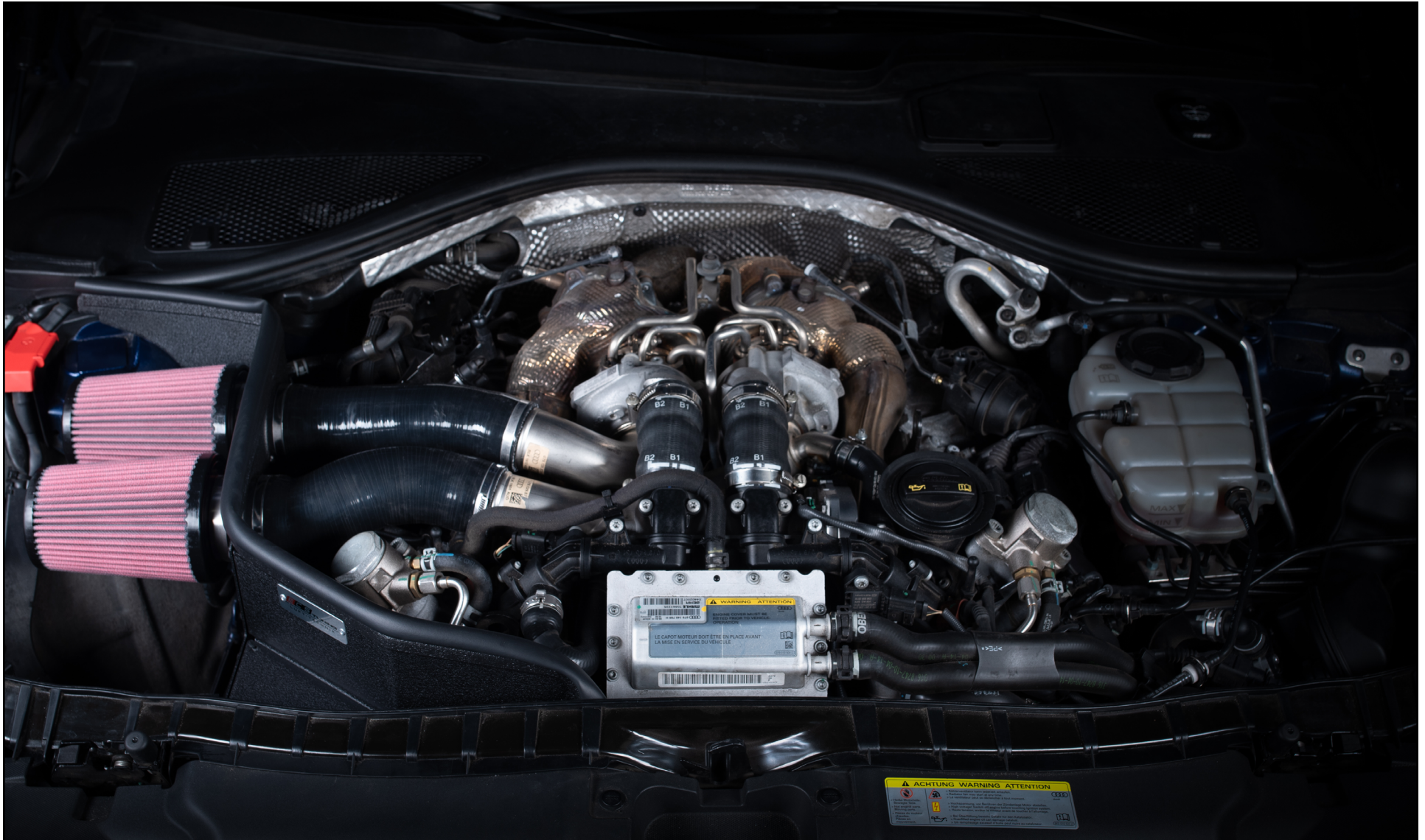
Reinstall the engine cover.

***Your Kohlefaser Luft-Technik Intake System installation is complete!***





## Your Luft-Technik Intake System installation is complete!



### These instructions are provided as a courtesy by ECS Tuning

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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