



VW MK6 Jetta 1.4T Luft-Technik Intake System Installation Instructions - [ES4039256](#)



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.

INTRODUCTION

Our Luft-Technik intake system offers the following features:

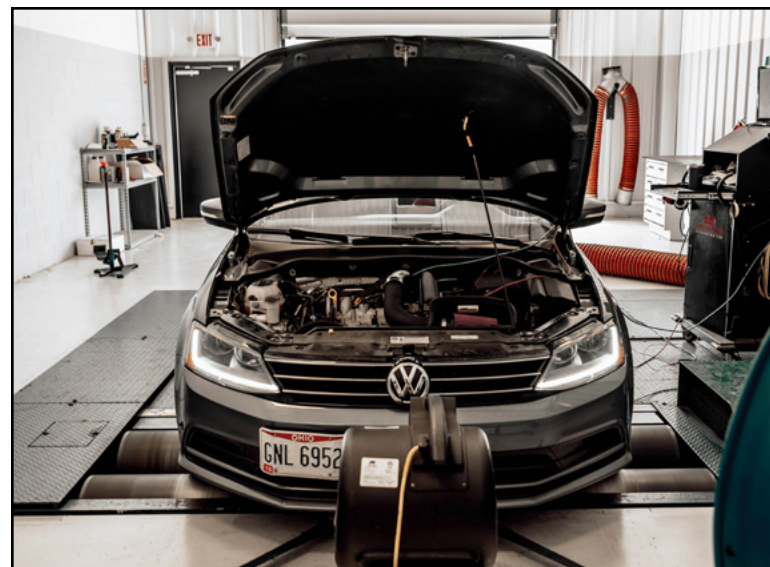
- CNC bent aluminum pipe with a wrinkle black powder coat finish
- Open-element design
- 4-ply silicone coupler
- High flow cotton gauze air filter
- All mounting hardware included
- Easy installation
- In-house designed and tested by our team of talented engineers
 - This includes flow bench and dyno testing (photos on the right)

Installing our Luft-Technik intake system into your MK6 Jetta 1.4T is a simple project which can be done in an hour or less with basic hand tools. Read all of these instructions first and you should be able to breeze right through the install. Be sure to reference the list of required tools below before you begin to make sure you have everything that you need to finish the job.

Thank you for looking to ECS Tuning for all your performance and repair needs, we appreciate your business!

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KIT CONTENTS



ABS Air Box Assembly



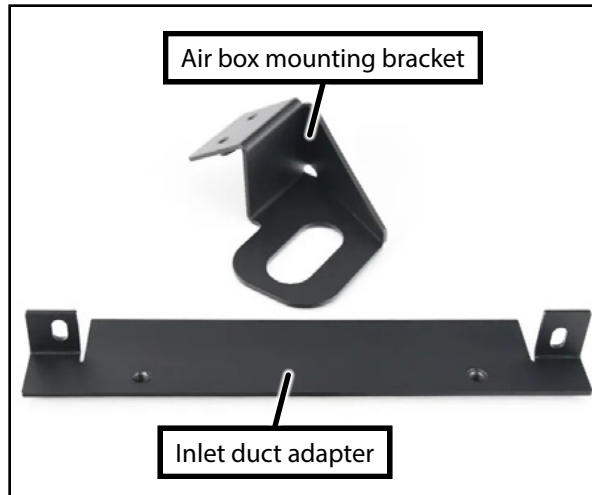
Air Filter



Aluminum Intake Tube



Silicone Turbo Inlet Coupler



Air Box Mounting Bracket & Inlet Duct Adapter



Mounting Hardware

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:

We need to start by removing the turbo inlet pipe (highlighted in **GREEN** in **Photo #1**).

Compress the hose clamps (inset photo) which secure the intake tube to the turbo inlet and the air box, then remove the inlet from the vehicle.

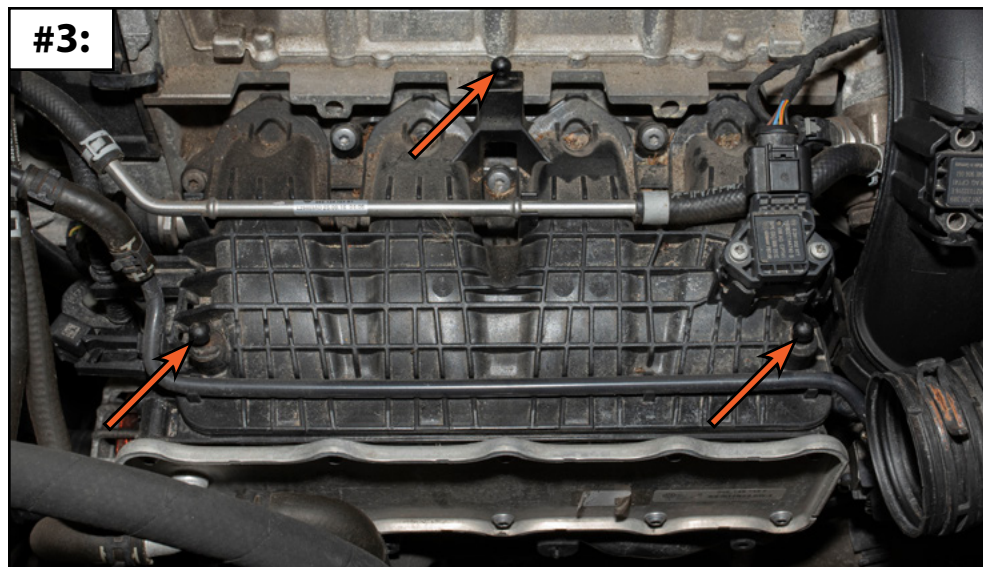
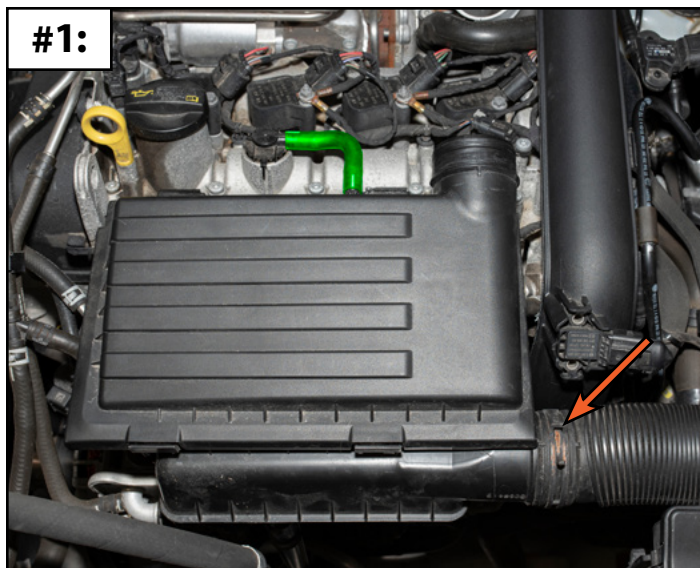


REMOVING THE STOCK INTAKE

Step 2:

Disconnect the vent hose (highlighted in **GREEN** in **Photo #1**) from the back side of the air box. Compress the hose clamp (arrow in **Photo #1**) which secures the inlet duct coupler to the side of the air box, then slide the coupler off of the air box (not shown).

Remove the air box by pulling it upward (**Photo #2**) and releasing the three mounting grommets from the studs on top of the intake manifold (arrows in **Photo #3**).

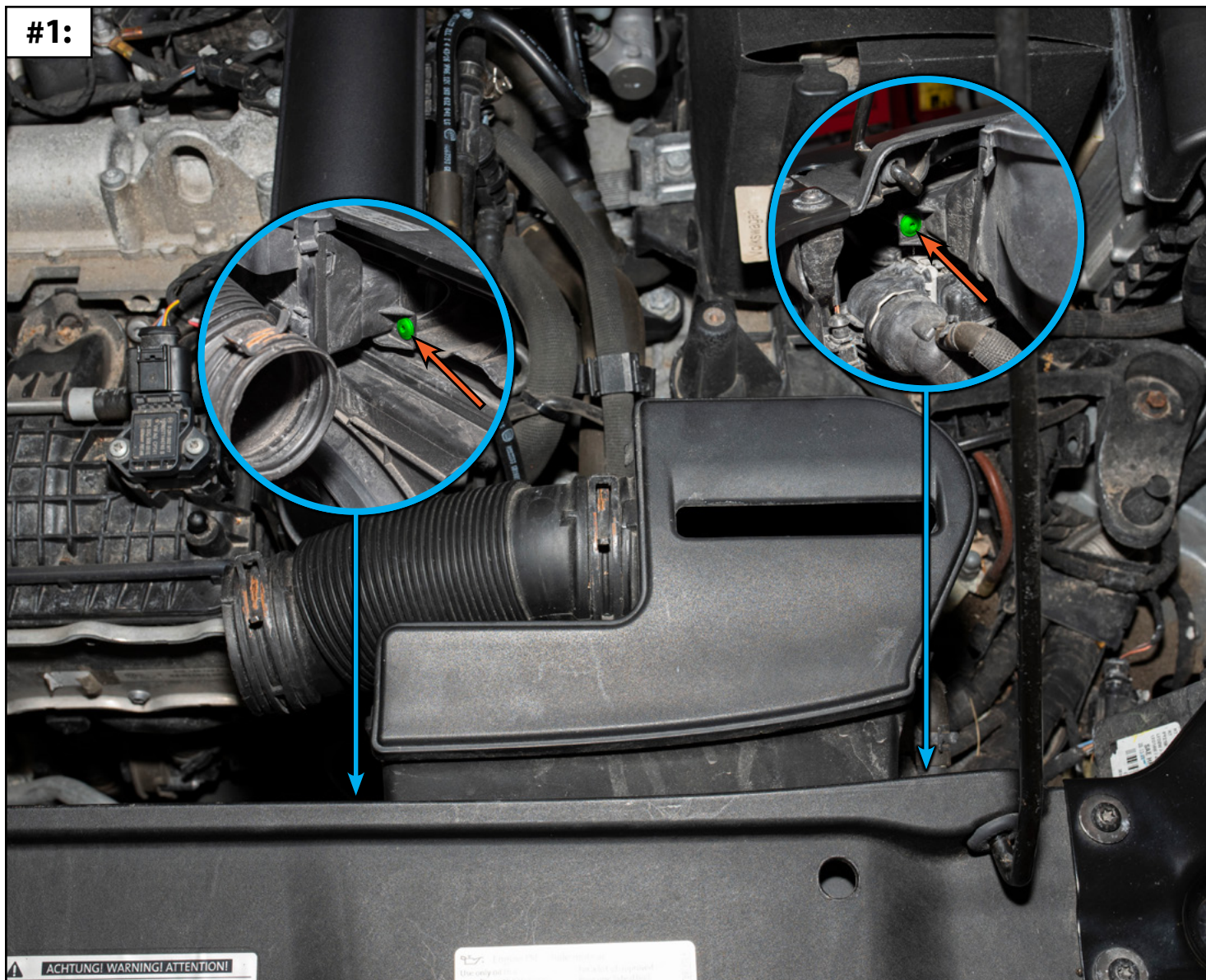


REMOVING THE STOCK INTAKE

Step 3:

Remove the two T25 Torx screws (highlighted in **GREEN** in the inset photos) which secure the inlet duct to the core support.

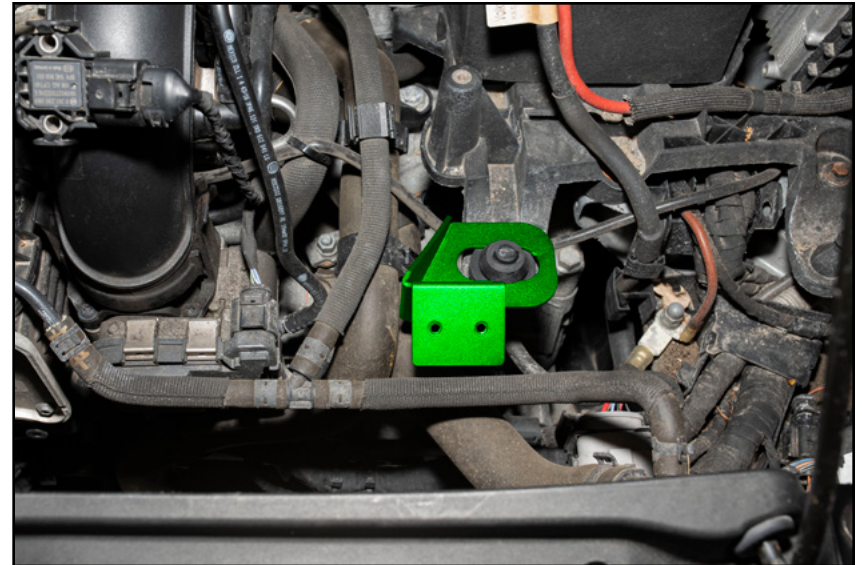
Pull the inlet duct out of the core support and remove it from the vehicle.



INSTALLING THE NEW INTAKE SYSTEM

Step 1: 4mm Hex (Allen)

Push the supplied grommet into the heat air box mounting bracket (highlighted in **GREEN**) so that the larger end of the grommet is on the bottom. Push the mounting bracket down onto the stud on the front RH corner of the battery tray.



Step 2: T25 Torx

Install the inlet duct adapter (highlighted in **GREEN**) into the core support using the two supplied Torx screws.



INSTALLING THE NEW INTAKE SYSTEM

Step 3: 5mm Hex (Allen)

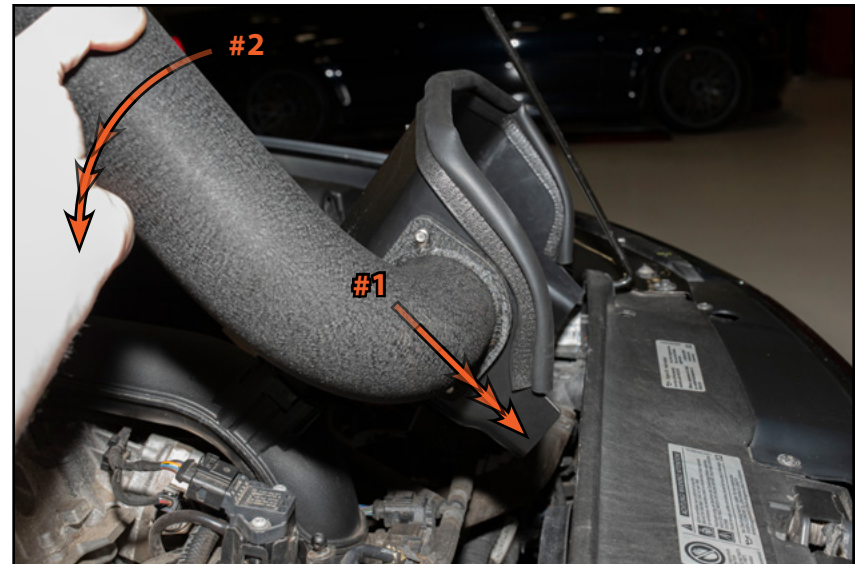
Slide the aluminum intake tube through the opening in the air box as shown, then loosely install the two supplied M8 bolts and flat washers (arrows) through the air box and into the tube flange.



Step 4:

Install the air box assembly in the following order:

1. Guide the front of the air box into the core support so that it rests on top of the adapter we installed in Step 2 on Page 8.
2. Swing the back end of the air box and intake tube down.
3. Confirm that the bolt holes in the air box line up with the threaded holes in the mounting bracket and core support adapter.



INSTALLING THE NEW INTAKE SYSTEM

Step 5: 4mm Hex (Allen)

Apply a single drop of the supplied threadlocker to two of the M6 screws, then loosely install the screws and flat washers (arrows) through the air box and into the mounting bracket.



Step 6: 4mm Hex (Allen)

Apply a single drop of the supplied threadlocker to the two remaining M6 screws, then loosely install the screws and flat washers (arrows) through the air box and into the inlet duct adapter.



INSTALLING THE NEW INTAKE SYSTEM

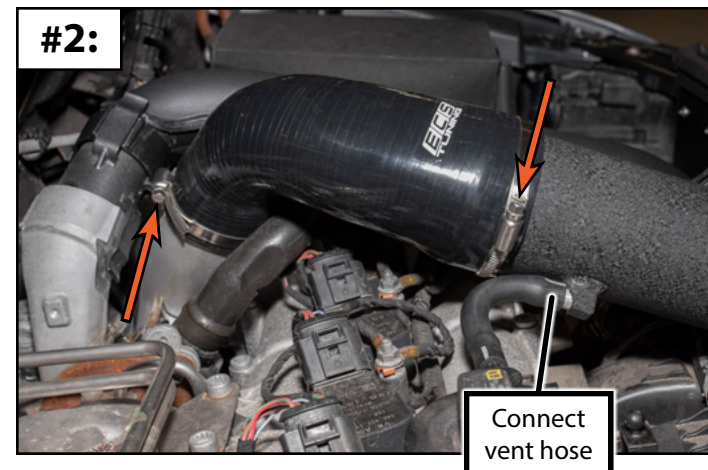
Step 7:

Install the silicone turbo inlet coupler between the turbo inlet and the intake tube. Tighten the clamps (arrows in **Photo #2**) until snug. Connect the vent hose to the new intake tube (shown in **Photo #2**).

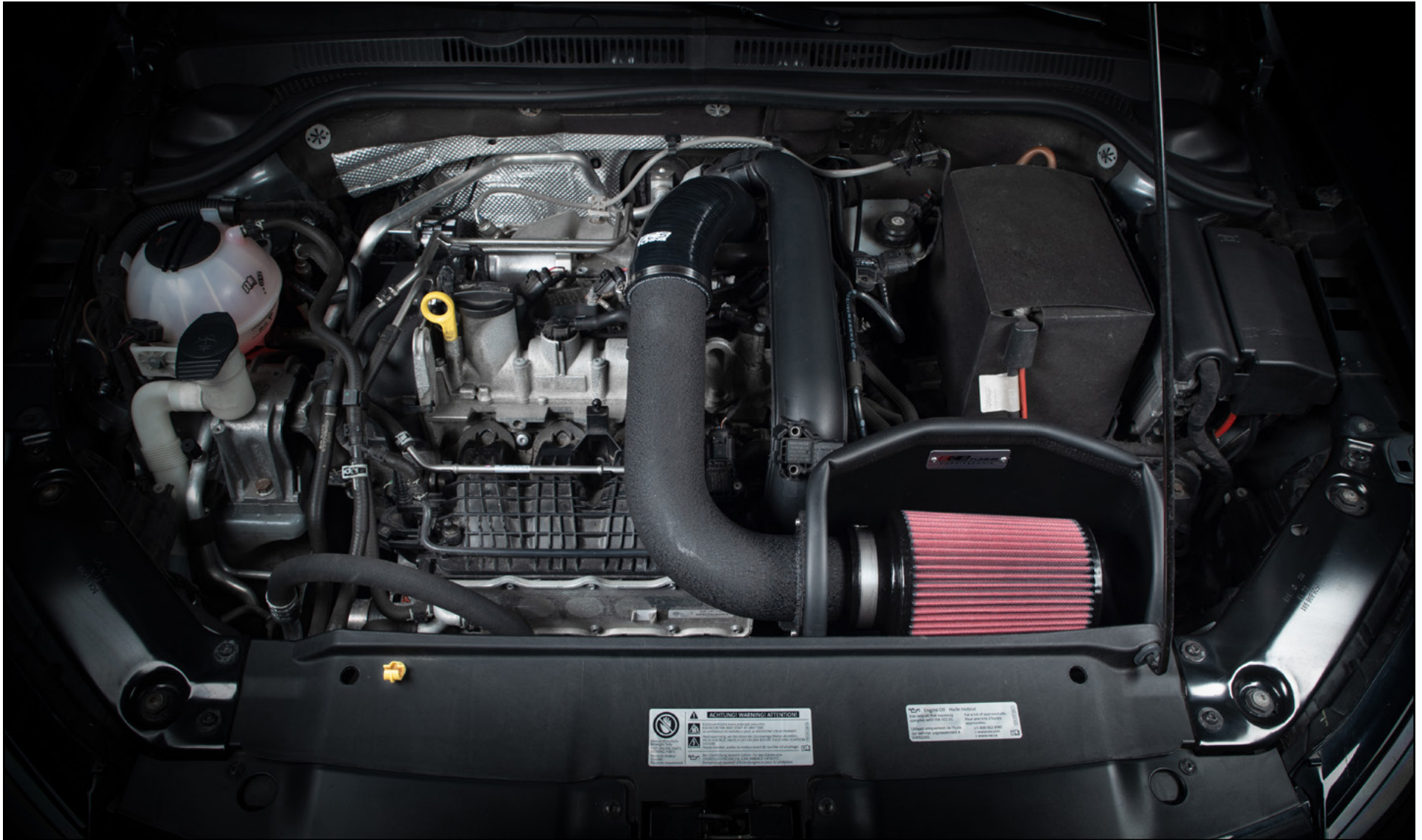
Adjust the intake system for desired fitment, then snug down the hose clamps and the air box mounting screws (not shown).

Slide the air filter onto the end of the intake pipe, then tighten the clamp (arrow in **Photo #1**) until snug.

***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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