



VW MK7 1.5T Luft-Technik Intake System Installation Instructions - [Click HERE to Shop](#)



Skill Level
1 - Easy
Basic Skills
Required

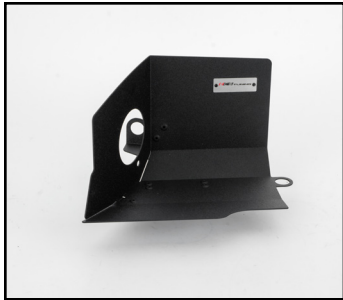


Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times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

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KIT CONTENTS



Heat shield
(QTY 1)



Intake tube
(QTY 1)



Silicone coupler
(QTY 1)



SAI adapter kit
(QTY 1)



Air filter
(QTY 1)



M6 nut
(QTY 1)



Mounting grommet
(QTY 4)



M6 screw
(QTY 1)



M6 washer
(QTY 1)



Sleeve
(QTY 1)

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 SYSTEM

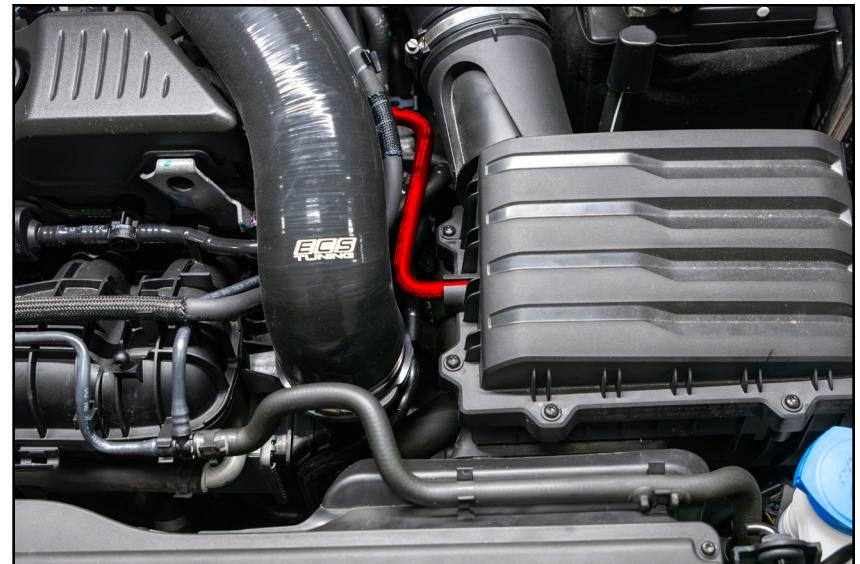
Step 1: Hose Clamp Pliers

Compress the hose clamp (highlighted in **RED**) and disconnect the intake tube from the turbo inlet.



Step 2:

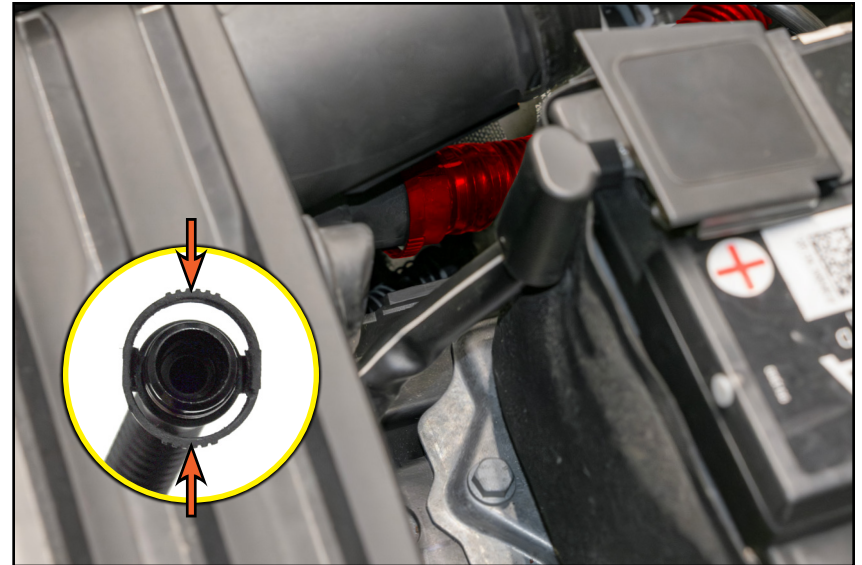
Disconnect the vacuum line (highlighted in **RED**) from the air box.



REMOVING THE STOCK INTAKE SYSTEM

Step 3:

Lift up on the back of the air box to pop the first two grommets free. Depress the two locking tabs (arrows in inset photo) and pull the secondary air injection tube (highlighted in **RED**) off the flange on the underside of the air box.



Step 4:

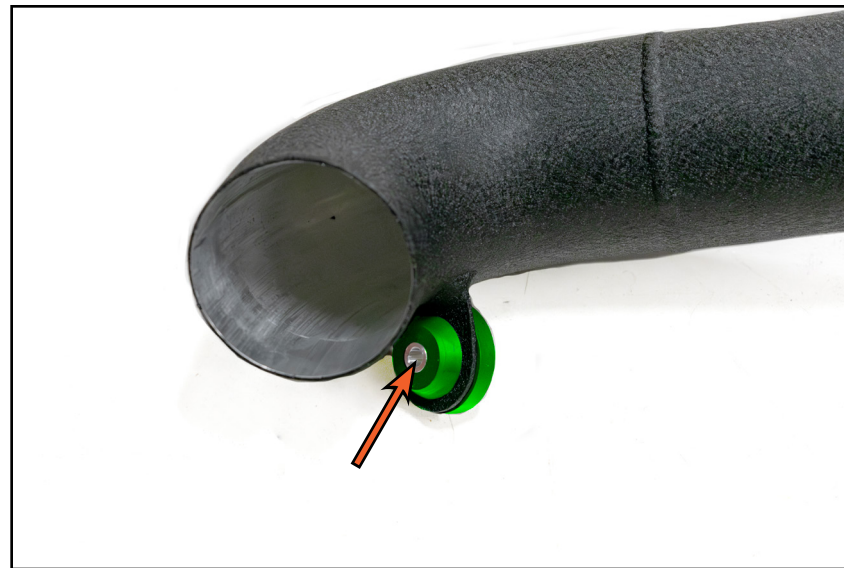
Push downward on the front side of the air box to release it from the air inlet duct (as shown in inset photo), then rotate the air box forward and remove it from the engine bay.



INSTALLING THE NEW INTAKE SYSTEM

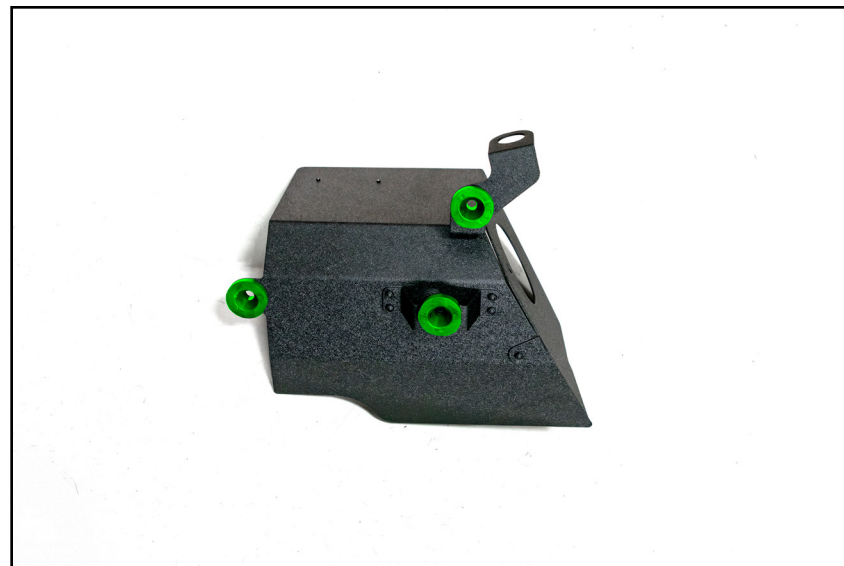
Step 1:

Install a mounting grommet (highlighted in **GREEN**) into the new intake tube, then install the provided sleeve (arrow) into the mounting grommet as shown.



Step 2:

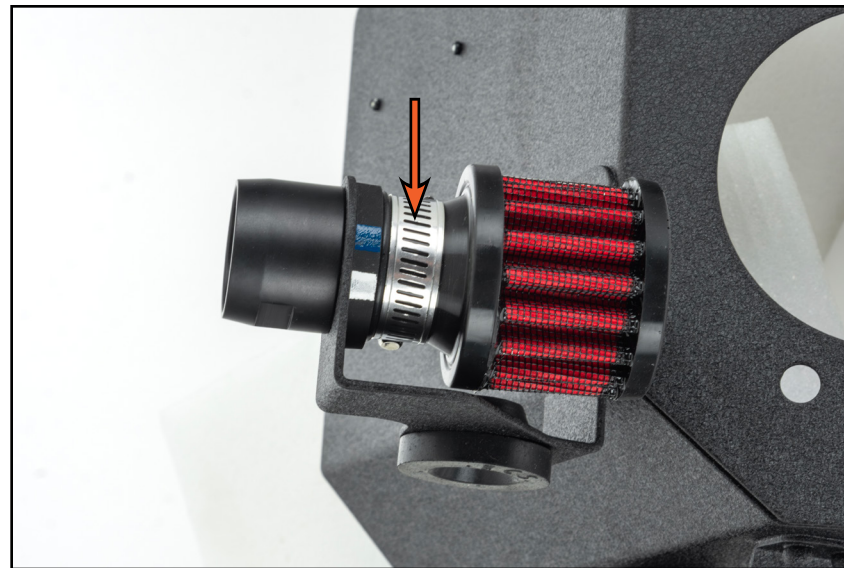
Install the three remaining mounting grommets (highlighted in **GREEN**) into the heat shield as shown.



INSTALLING THE NEW INTAKE SYSTEM

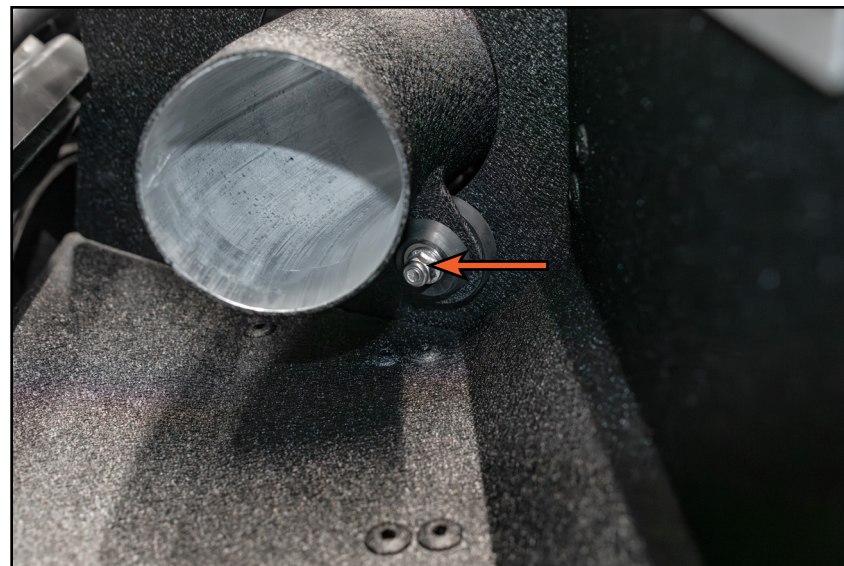
Step 3: 8mm Socket & Ratchet

Install the SAI adapter & filter into the mount on the heat shield as shown, then tighten the clamp (arrow) until snug.



Step 4: 4mm Hex (Allen), 10mm Socket & Ratchet

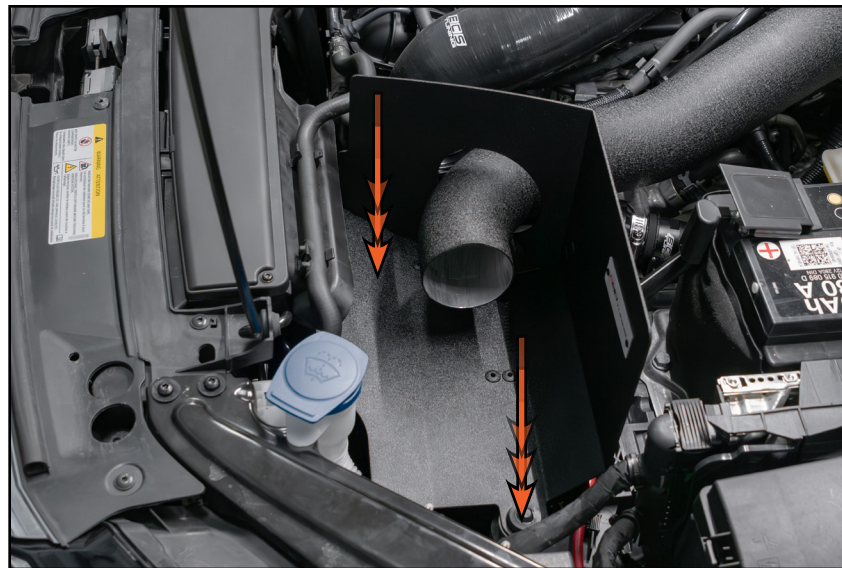
Slide the intake tube through the opening in the heat shield and secure it to the heat shield using the provided M6 screw, washer and nut (arrow).



INSTALLING THE NEW INTAKE SYSTEM

Step 5:

Position the heat shield and intake tube assembly into place and push downward to pop the heat shield mounting grommets onto the mounting studs.



Step 6: 7mm Socket & Ratchet

Slide the silicone coupler between the turbo inlet and intake pipe and tighten the clamps (arrows) until snug.



INSTALLING THE NEW INTAKE SYSTEM

Step 7:

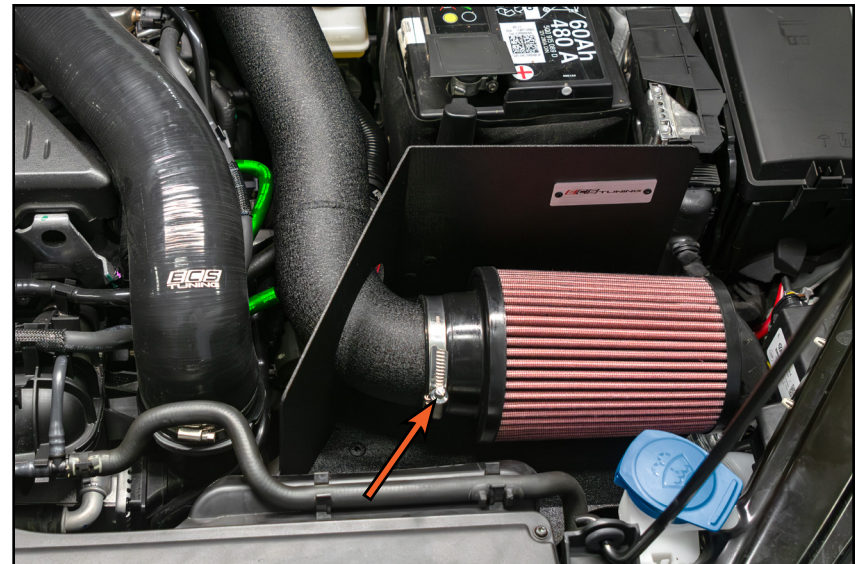
Connect the secondary air injection tube (highlighted in **GREEN**) to the SAI adapter, ensuring it clicks into place.



Step 8: 7mm Socket & Ratchet

Connect the OE vacuum line (highlighted in **GREEN**) to the port on the side of the intake tube as shown.

Slide the new air filter onto the intake tube, then tighten the clamp (arrow) 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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