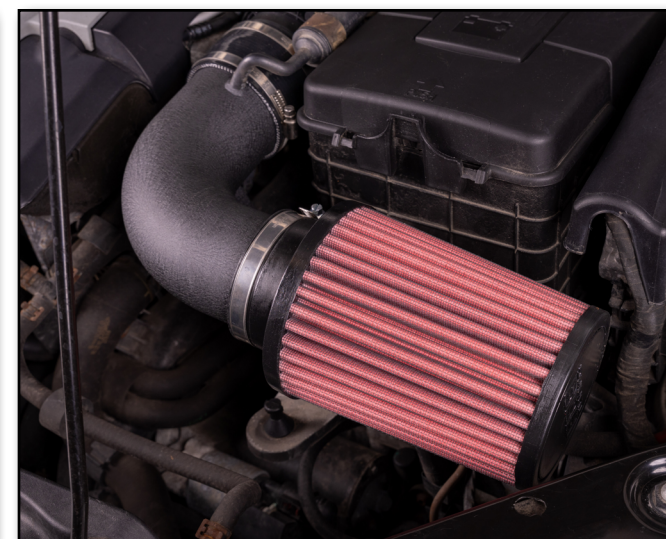




VW MK6 TDI Luft-Technik Intake System Installation Instructions - [Click HERE to Shop](#)



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.

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.

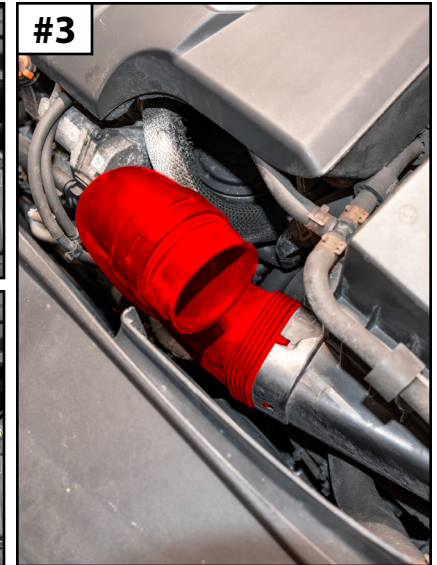
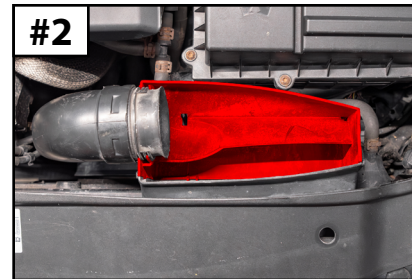
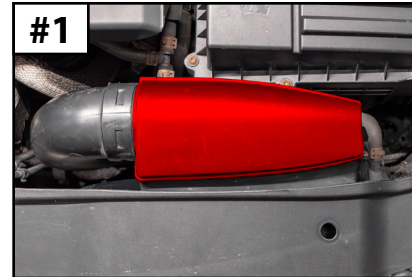


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK INTAKE SYSTEM

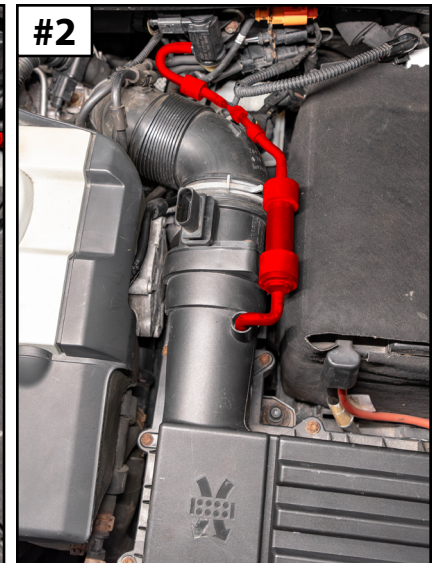
Step 1:

Remove the upper inlet duct cover (highlighted in **RED** in **Photo #1**), then remove the upper inlet duct (highlighted in **RED** in **Photo #2**). Remove the lower inlet duct (highlighted in **RED** in **Photo #3**) from the airbox.



Step 2:

Disconnect the MAF sensor connector (highlighted in **RED** in **Photo #1**), then pull the vacuum hose (highlighted in **RED** in **Photo #2**) free from the airbox.



REMOVING THE STOCK INTAKE SYSTEM

Step 3: Hose Clamp Pliers, T30 Torx Socket & Ratchet

Compress the clamp (arrow) and pull the intake hose off of the airbox. Loosen the screw (circled in **RED**) and lift up to pop the airbox free from the mounting grommets, then remove the airbox from the vehicle.



Step 4: 7mm Socket & Ratchet

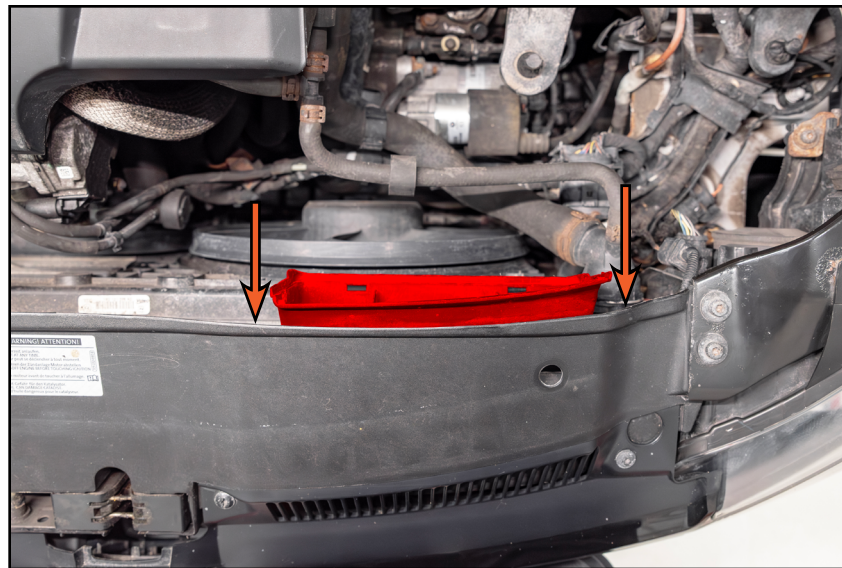
Free the hoses from the clips on the intake hose, loosen the clamp (arrow) and pull the intake hose free from the turbo.



REMOVING THE STOCK INTAKE SYSTEM

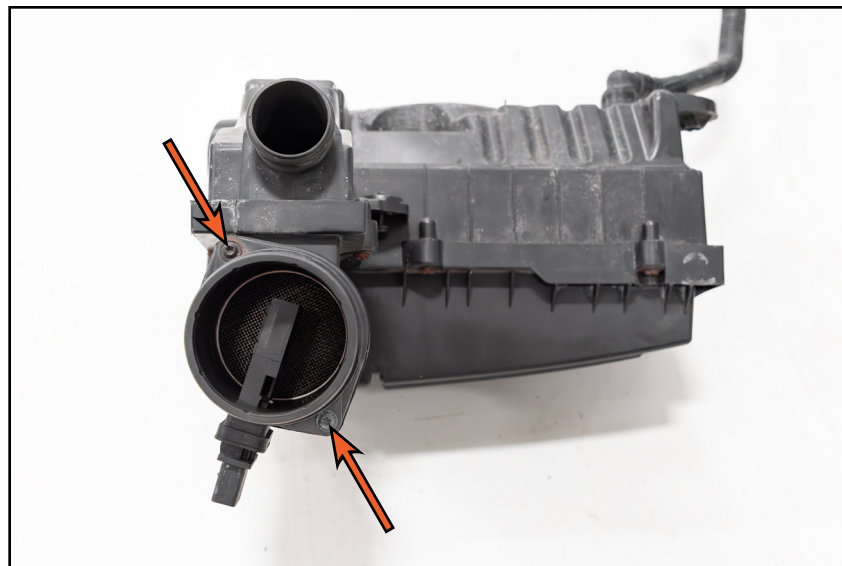
Step 5: T25 Torx Socket & Ratchet

Remove the two screws (arrows) and remove the air inlet (highlighted in **RED**) from the core support.



Step 6: T25 Torx Socket & Ratchet

Remove the two screws (arrows) and pull the MAF sensor free from the airbox and set it aside.



INSTALLING THE NEW INTAKE SYSTEM

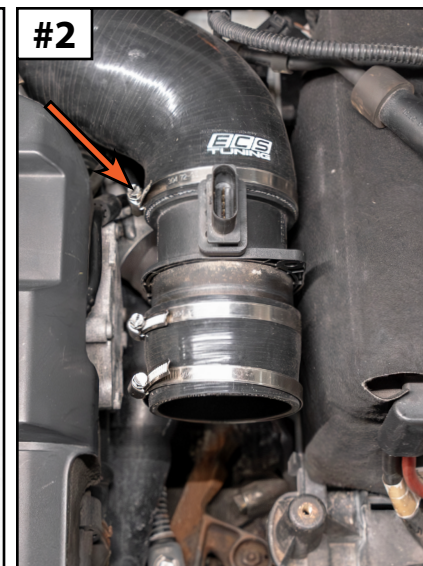
Step 1: 7mm Socket & Ratchet

Slide the new intake hose onto the turbo, rotating it until it is centered between the engine cover and battery, then tighten the clamp (arrow) until fully snug.



Step 2: 7mm Socket & Ratchet

Slide the silicone adapter (highlighted in **GREEN** in **Photo #1**) onto the MAF sensor and tighten the clamp (arrow in **Photo #1**) until fully snug. Slide the MAF sensor into the intake hose and tighten the clamp (arrow in **Photo #2**) until fully snug.



INSTALLING THE NEW INTAKE SYSTEM

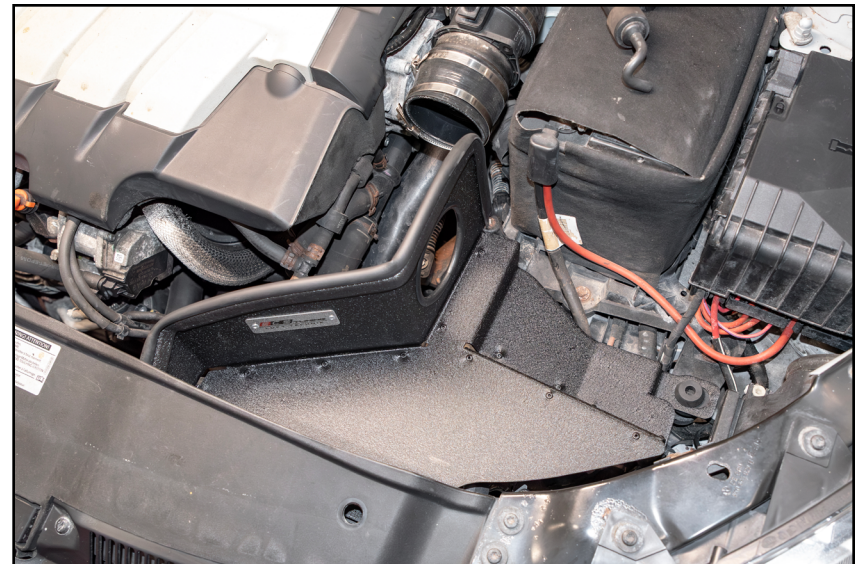
Step 3:

Install the provided mounting grommet (highlighted in **GREEN**) into the hole in the bottom of the new heat shield as shown.



Step 4:

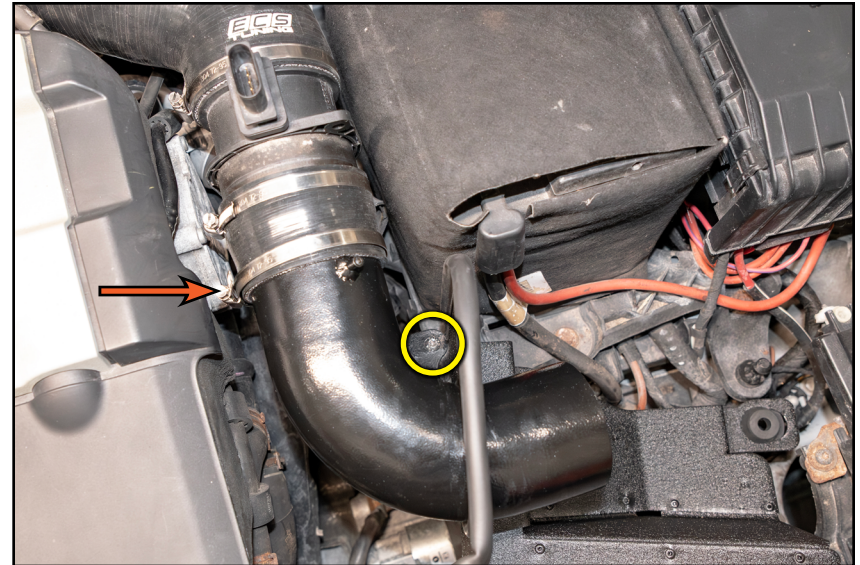
Loosely position the heat shield into the engine bay as shown.



INSTALLING THE NEW INTAKE SYSTEM

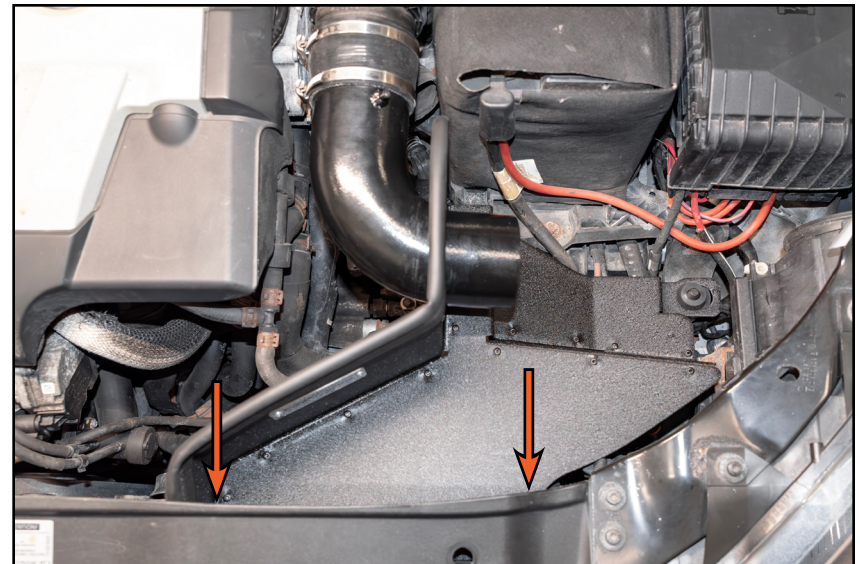
Step 5: 4mm Hex (Allen), 7mm Socket & Ratchet

Slide the intake tube through the opening in the heat shield, then slide the intake tube into the MAF sensor adapter as shown. Install the provided M6 screw (circled in **YELLOW**) to secure the intake tube to the battery tray, then tighten the clamp (arrow) until fully snug.



Step 6: T25 Torx Socket & Ratchet

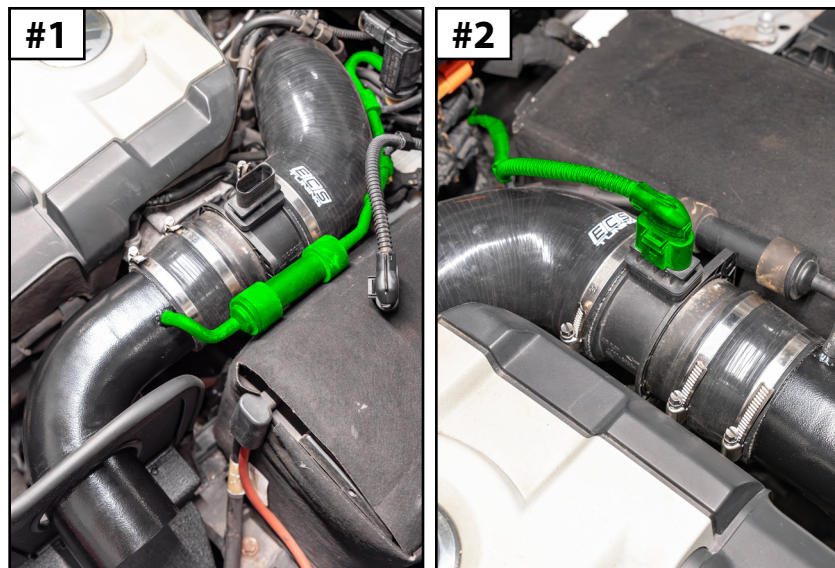
Push down to pop the heat shield mounting grommet onto the mounting stud on the battery tray, then install the two provided screws (arrows) to secure the heat shield to the core support.



INSTALLING THE NEW INTAKE SYSTEM

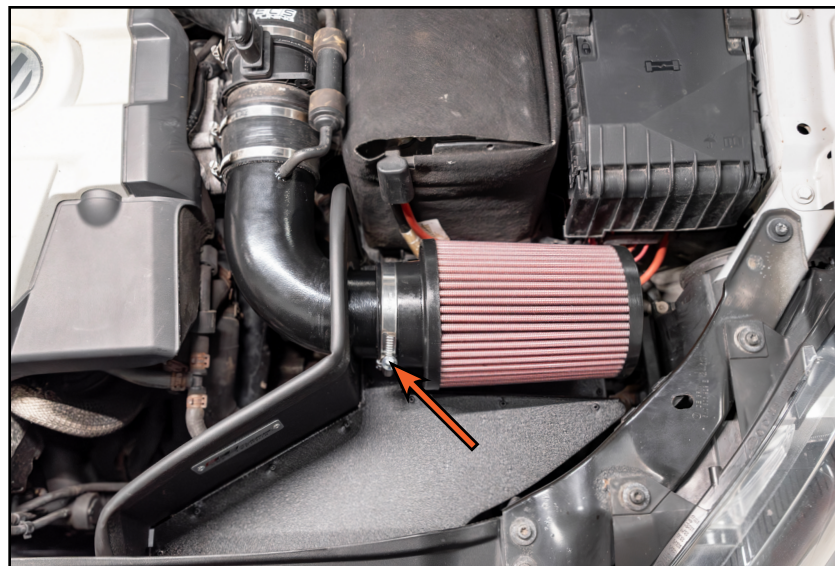
Step 7:

Connect the vacuum hose (highlighted in **GREEN** in **Photo #1**) to the fitting on the new intake tube, then reconnect the MAF sensor connector (highlighted in **GREEN** in **Photo #2**).



Step 8: 7mm Socket & Ratchet

Slide the air filter onto the intake tube and tighten the clamp (arrow) until fully snug.



Congratulations, your installation is complete!

Your Intake System installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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