



VW Touareg / Audi Q7 VR6 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 w/ brackets
(QTY 1)



Intake tube
(QTY 1)



Silicone coupler
(QTY 1)



Standoff kit
(QTY 1)



MAF mount kit
(QTY 1)



Air filter adapter
(QTY 1)



Air filter
(QTY 1)



Barbed Fitting
(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.

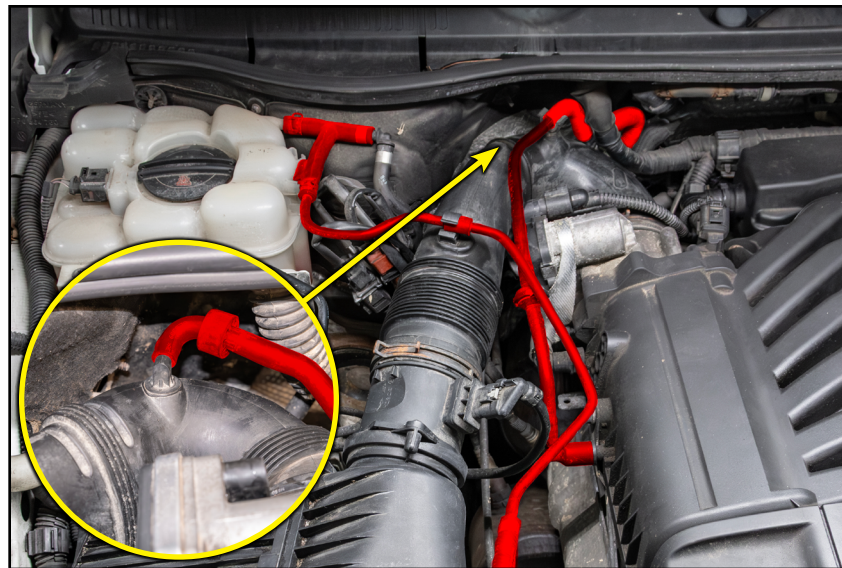


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK INTAKE SYSTEM

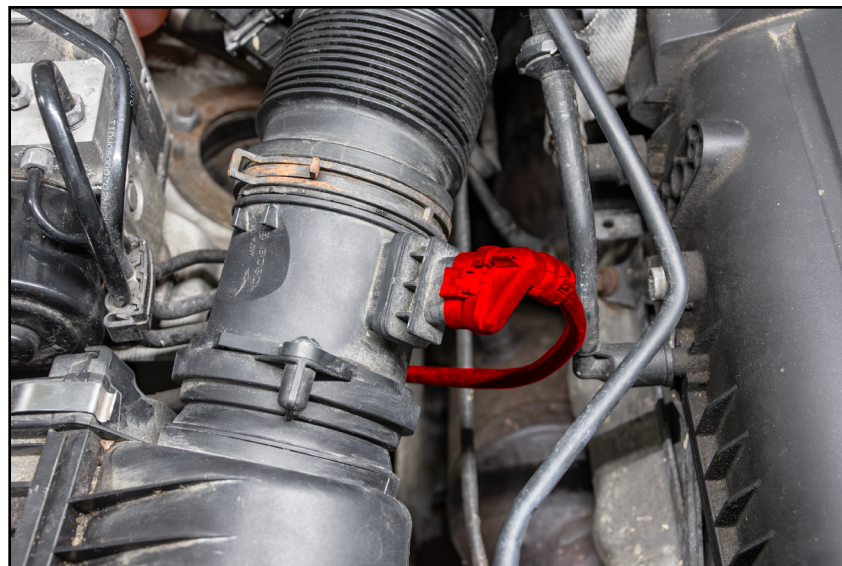
Step 1:

Free up the coolant & PCV hoses (highlighted in **RED**) from the clips in the stock intake tube. If equipped, disconnect the PCV hose (highlighted in **RED** in inset photo) from the fitting on the stock intake tube.



Step 2:

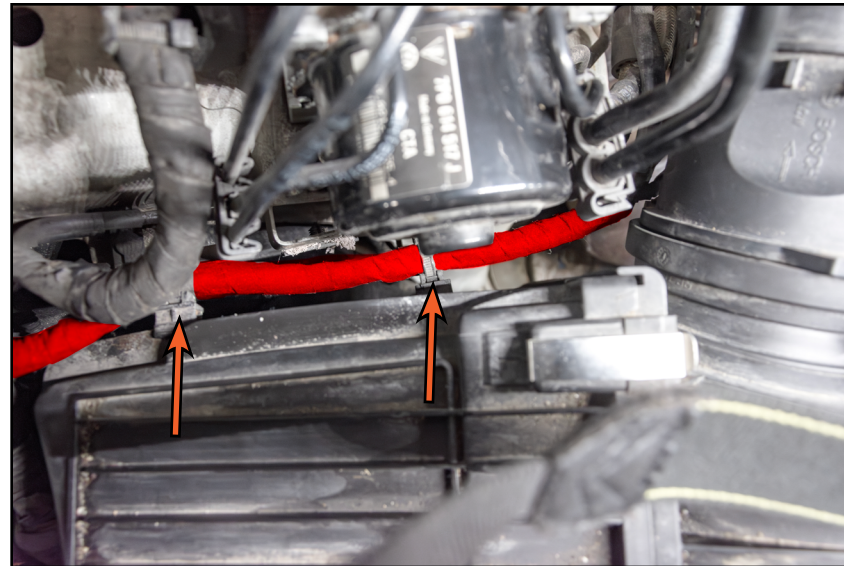
Disconnect the connector (highlighted in **RED**) from the MAF sensor.



REMOVING THE STOCK INTAKE SYSTEM

Step 3:

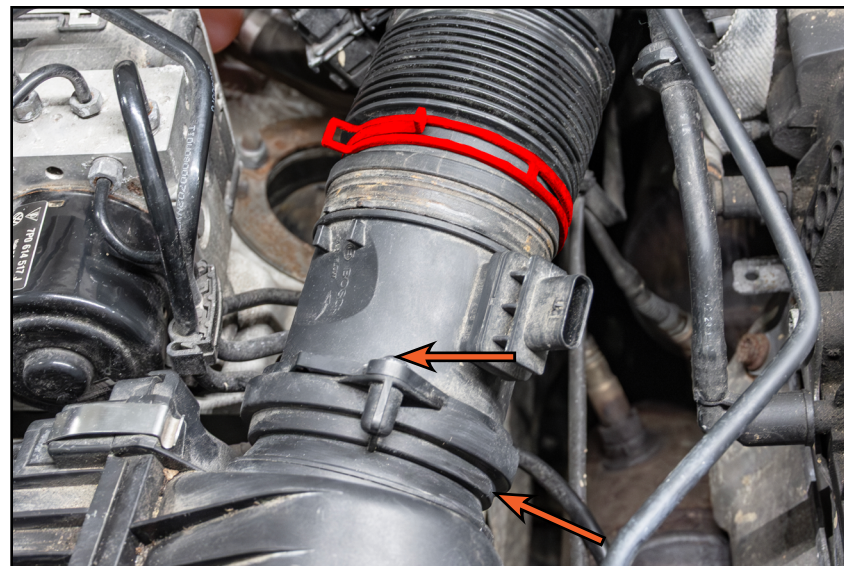
Disconnect the clips (arrows) that secure the wiring harness (highlighted in **RED**) to the airbox.



Step 4: Hose Clamp Pliers

Compress the clamp (highlighted in **RED**) that secures the intake tube to the MAF sensor and pull the intake tube free from the MAF sensor.

Remove the two screws (arrows) that secure the MAF sensor to the airbox and remove the MAF sensor from the vehicle.



REMOVING THE STOCK INTAKE SYSTEM

Step 5: Hose Clamp Pliers

Compress the clamp (arrow) that secures the intake tube to the throttle body and remove the intake tube (highlighted in **RED**) from the vehicle.



Step 6: 10mm Socket & Ratchet

Optional: release the two latches from the top of the airbox and remove the airbox lid and air filter.

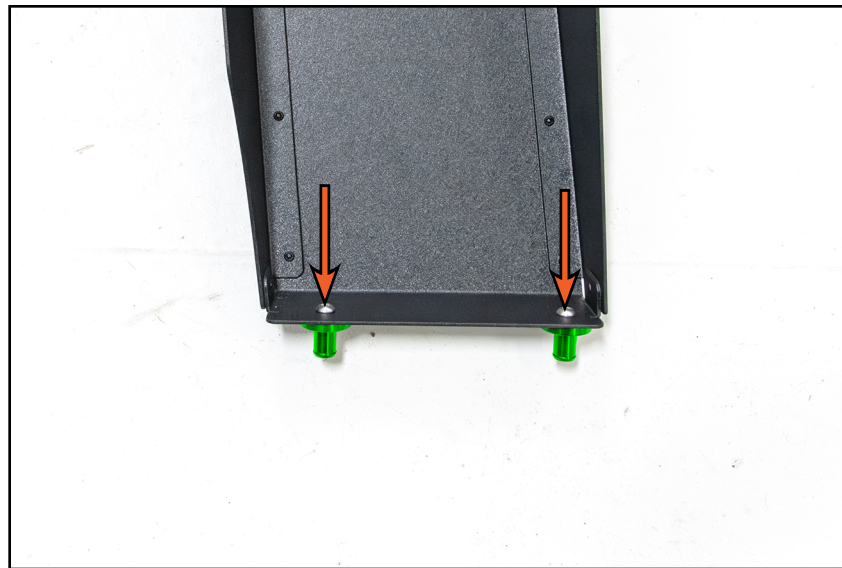
Remove the bolt (arrow) that secures the airbox to the vehicle, then pull upward to free the airbox from its mounting grommets and remove it from the vehicle.



INSTALLING THE NEW INTAKE SYSTEM

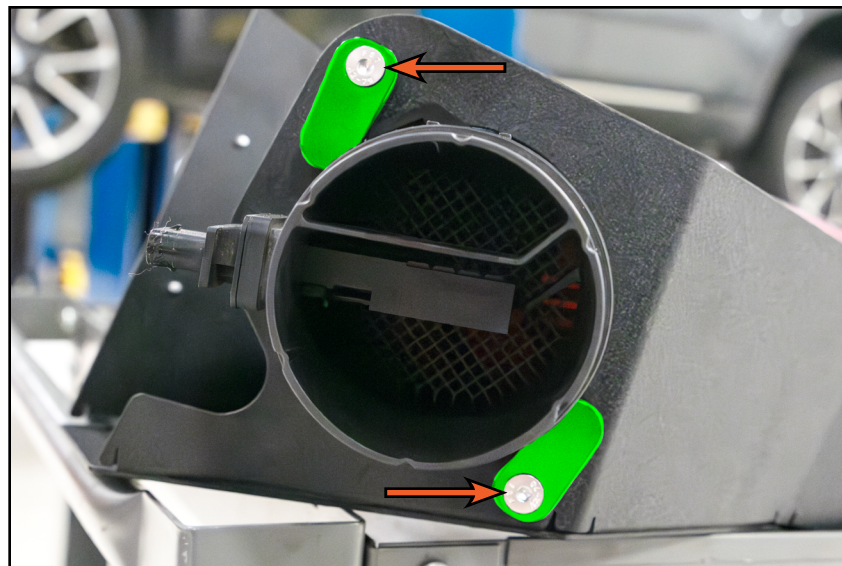
Step 1: 4mm Hex (Allen) & 6mm Hex (Allen)

Install the provided standoffs (highlighted in **GREEN**) onto the heat shield and secure them using the provided M6 screws (arrows).



Step 2: 4mm Hex (Allen) Socket & Ratchet

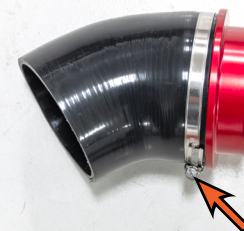
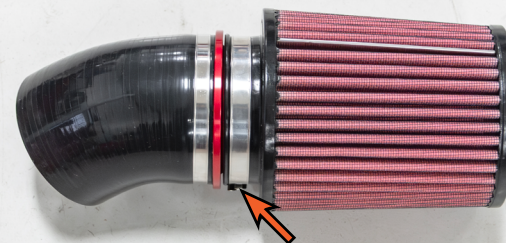
Orient the MAF sensor as shown and secure it to the heat shield using the provided MAF sensor mounts (highlighted in **GREEN**) and tighten the screws (arrows) until snug.



INSTALLING THE NEW INTAKE SYSTEM

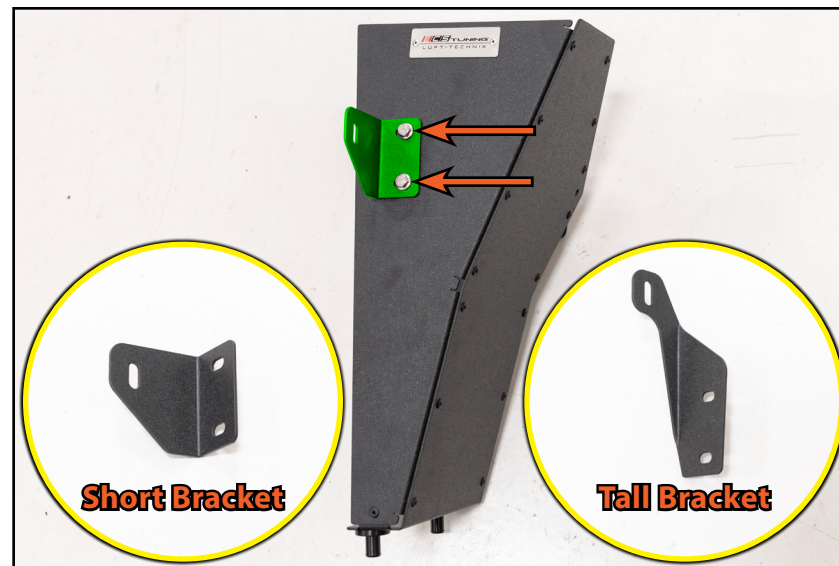
Step 3: 7mm Socket & Ratchet

Slide the air filter adapter into the silicone coupler as shown, then tighten the clamp (arrow in **Photo #1**) until snug. Install the air filter onto the adapter and tighten the clamp (arrow in **Photo #2**) until snug.

#1

#2


Step 4: 10mm Socket & Ratchet

Loosely secure the appropriate mounting bracket (highlighted in **GREEN**) onto the heat shield using the provided screws (arrows). Use the short bracket (left inset photo) for VW T3 Touareg models. Use the tall bracket (right inset photo) for VW T1/T2 Touareg and Audi Q7 models.



INSTALLING THE NEW INTAKE SYSTEM

Step 5: 7mm Socket & Ratchet

Slide the air filter assembly onto the MAF sensor then tighten the clamp (arrow) until snug.



Step 6: 5/16" Drill Bit & Drill

If the factory intake tube was equipped with a PCV hose fitting:
Mark and drill a 5/16" hole (**YELLOW** circle) in the top of the new intake hose, then clean the hose to remove any debris.



INSTALLING THE NEW INTAKE SYSTEM

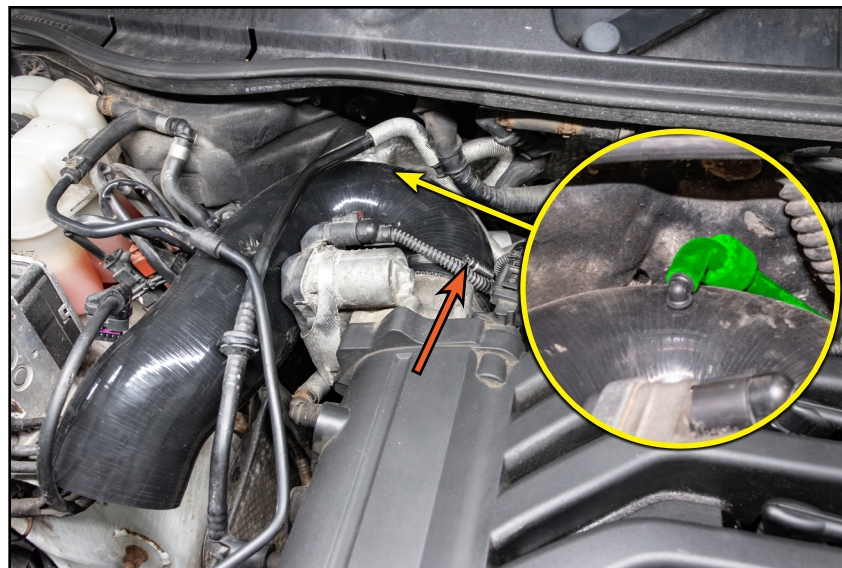
Step 7:

Install the provided barbed fitting (highlighted in **GREEN**) into the drilled hole in the top of the intake hose, orienting it as shown.



Step 8: 7mm Socket & Ratchet

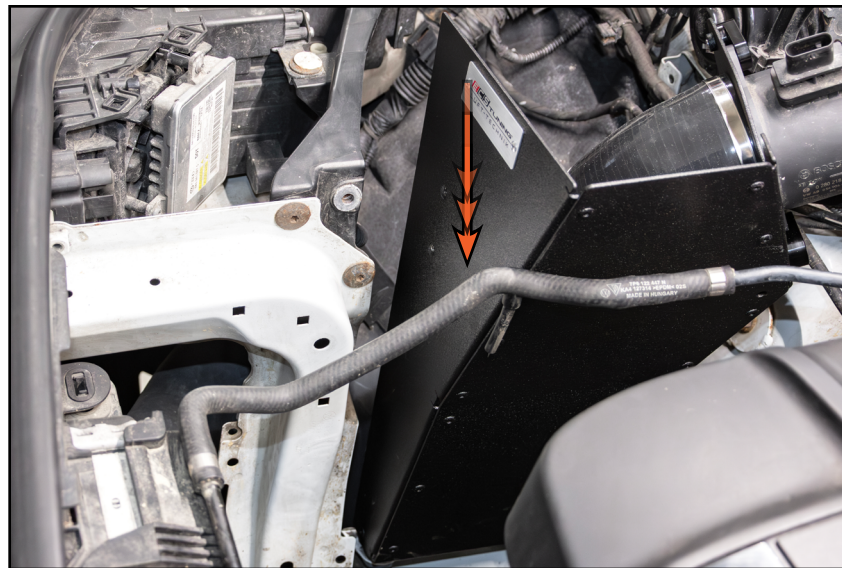
Install the intake hose onto the throttle body and tighten the clamp (arrow) until snug. If equipped, connect the PCV hose (highlighted in **GREEN** in inset photo) to the barbed fitting on the intake hose.



INSTALLING THE NEW INTAKE SYSTEM

Step 9:

Install the assembled heat shield into the OE mounting grommets and push downward until the assembly is fully seated into place.



Step 10: T25 Torx Socket & Ratchet

Slide the intake hose onto the MAF sensor, then tighten the clamp (arrow) until snug.



INSTALLING THE NEW INTAKE SYSTEM

Step 11: 10mm Socket & Ratchet

Secure the heat shield mounting bracket to vehicle using the remaining provided screw (arrow), then fully tighten the screws that secure the bracket to the heat shield.



Step 12:

Reconnect the MAF sensor connector (highlighted in **GREEN**).



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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