



VW MK8 Luft-Technik Intake System
w/o Heat Shield
Installation Guide - [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



Intake Tube
(QTY 1)



Air Filter w/Clamp
(QTY 1)



Bolt w/Washer
(QTY 1)



Silicone Turbo Inlet Hose
(QTY 1)



Secondary Air Filter
Adapter Kit
(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.

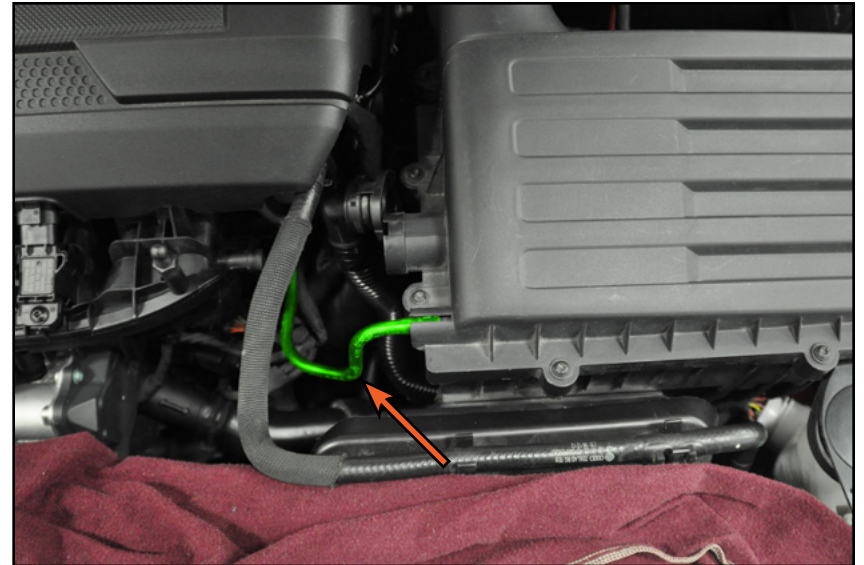
REMOVING THE STOCK INTAKE SYSTEM

Step 1:

Carefully pull the vacuum hose off the side of the air box.



The removal of the stock intake system is shown here on a MK7, however the procedure is exactly the same on MK8s.

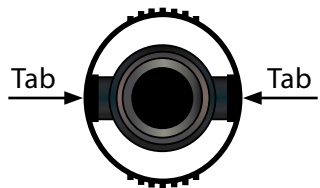


Step 2:

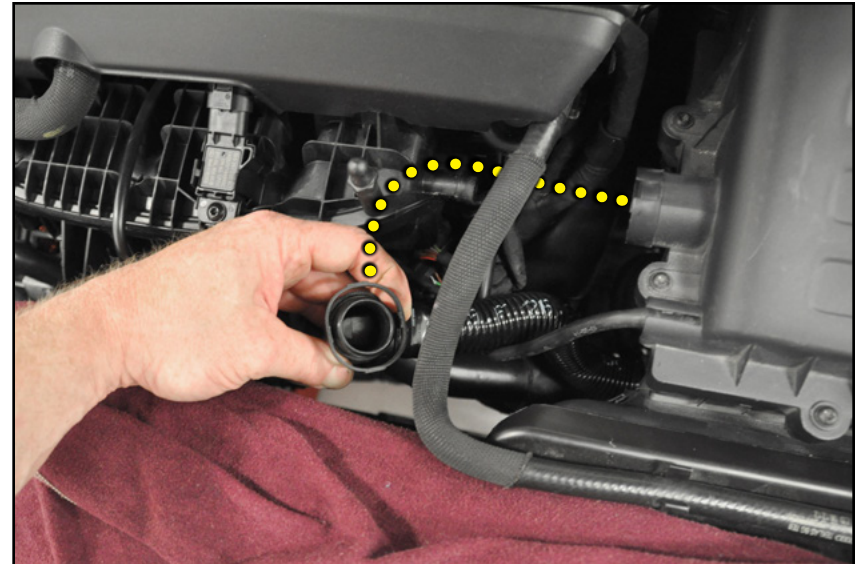
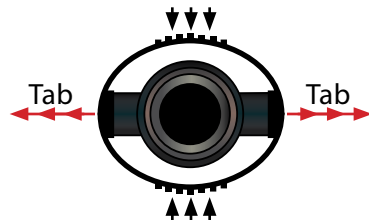
Compress the retaining tabs and pull the secondary air injection tube off of the air box.

NORMAL INSTALLED STATE:

The tabs keep the hose "locked" onto the fitting.



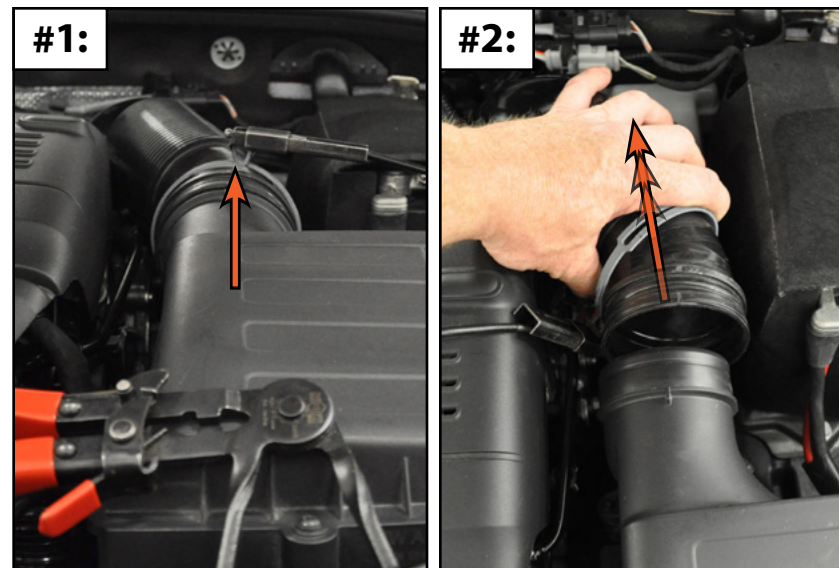
TO REMOVE: Squeeze the knurled sides of the locking ring together and the tabs will expand out and unlock, allowing you to pull the connector off of the air box.



REMOVING THE STOCK INTAKE SYSTEM

Step 3: Locking Hose Clamp Pliers

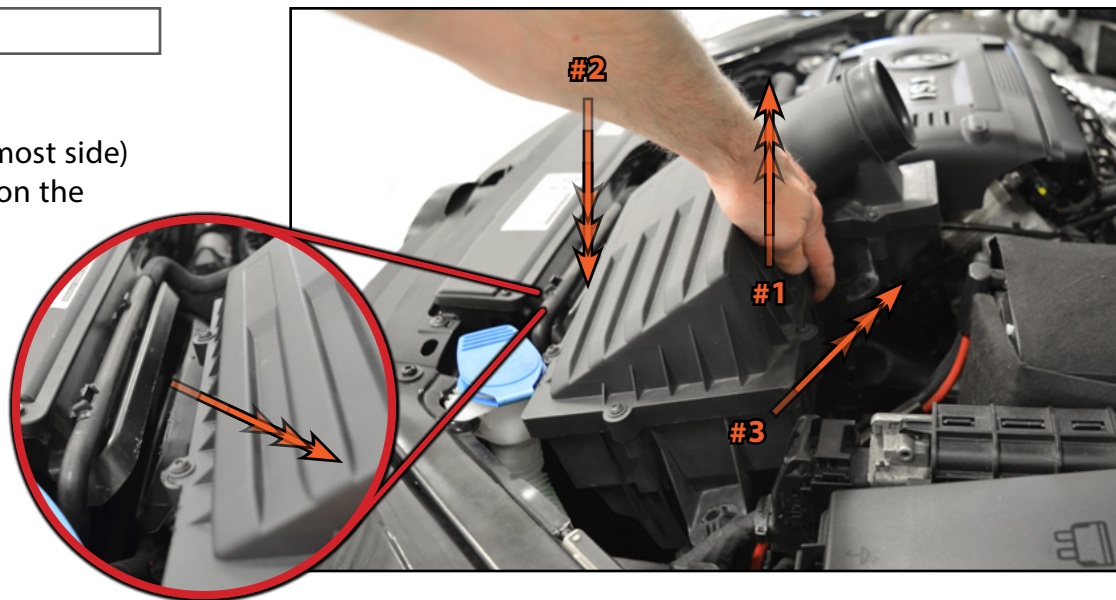
Loosen the spring clamp between the air box and the intake tube (arrow in **Photo #1**), then pull the intake tube off of the air box (**Photo #2**).



Step 4:

Remove the air box in the following order:

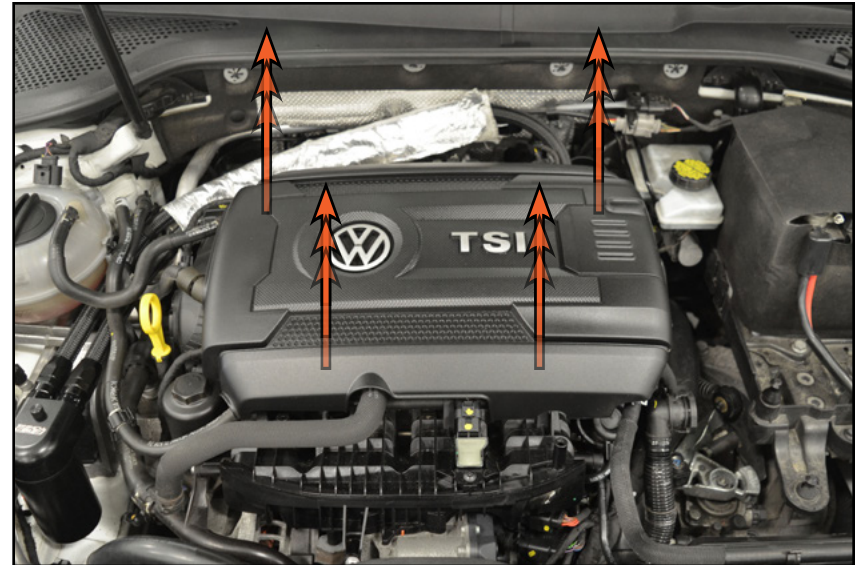
1. Pull up on intake tube side of the air box (the rearmost side) to release the mounting grommets. Do not lift up on the front side of the air box yet.
2. Push downward on the front edge of the air box to release it from the air scoop on the core support (see **RED** inset photo).
3. Lift the air box rearward and out of the engine bay.



REMOVING THE STOCK INTAKE SYSTEM

Step 5:

Remove the engine cover by pulling upward on the four corners.



Step 6: Flat Blade Screwdriver

Release the clamp which secures the intake tube to the turbo inlet, then remove the intake tube.



INSTALLING THE SECONDARY AIR FILTER ADAPTER KIT

*The rubber spacer which is included in this kit will not be used, only the grommet is required for this application.



SAI Air Filter w/Clamp



SAI Air Filter Adapter



SAI Air Filter Bracket



Rubber Spacer & Mounting Grommet*

Step 1: Flat Blade Screwdriver - or - 7mm Socket & Ratchet

Remove from the secondary air injection kit from its packaging, and tighten the hose clamp which secures the filter until it is snug.



INSTALLING THE SECONDARY AIR FILTER ADAPTER KIT

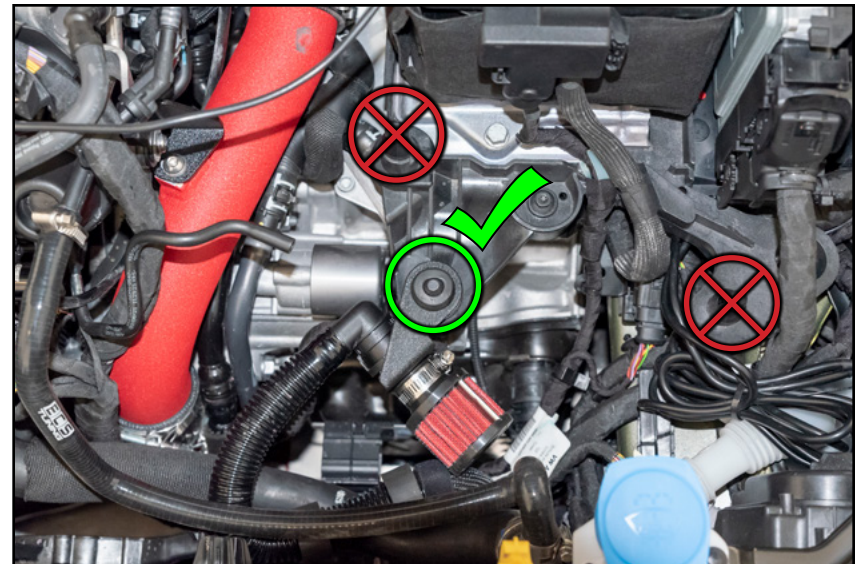
Step 2:

Install the provided rubber grommet into the opening in the air filter bracket as shown.



Step 3:

Install the secondary air filter assembly onto the lower air box mounting stud, then connect the SAI tube to the adapter as shown.



INSTALLING THE NEW INTAKE SYSTEM

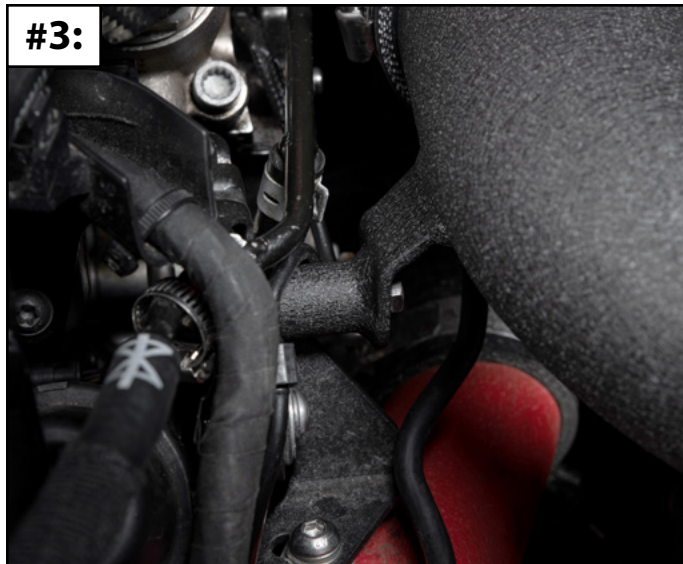
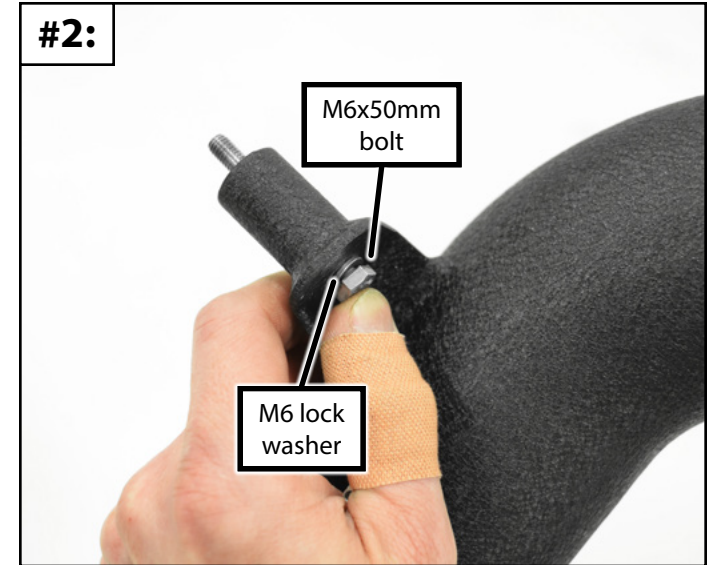
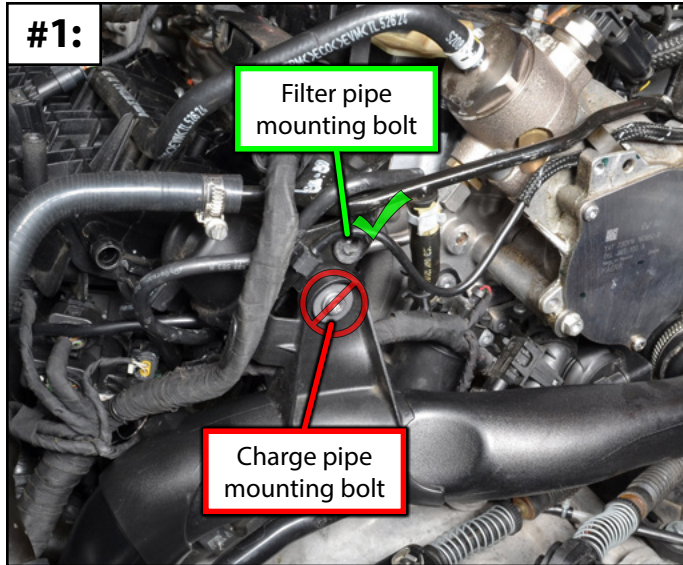
Step 1:

Locate the bolt which secures the nearby coolant line to the bracket on the side of the cylinder head (**Photo #1**), just above the bolt location for the charge pipe.

Remove the screw and slide the provided M6x50mm bolt and M6 lock washer through the mounting hole in the intake tube (**Photo #2**).

Loosely install the intake tube into position (**Photo #3**). It's best to thread this bolt in by hand to avoid cross-threading it. Removing the battery is very helpful here as it gives you a lot more room to work.

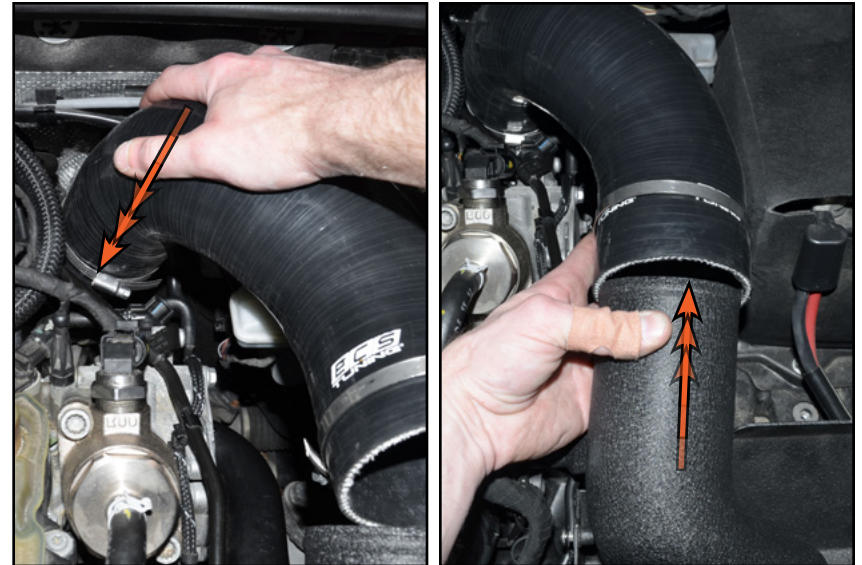
Connect the vacuum hose (highlighted in **GREEN** in **Photo #4**) to the port on the bottom of the intake tube.



INSTALLING THE NEW INTAKE SYSTEM

Step 2: 7mm Socket & Ratchet

Connect the silicone turbo inlet coupler between the intake tube and the turbo inlet. Adjust the system until you are satisfied with the fitment then, tighten the clamps.



Step 3: 8mm Socket & Ratchet

Push the air filter over the end of the intake pipe and tighten the clamp until 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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