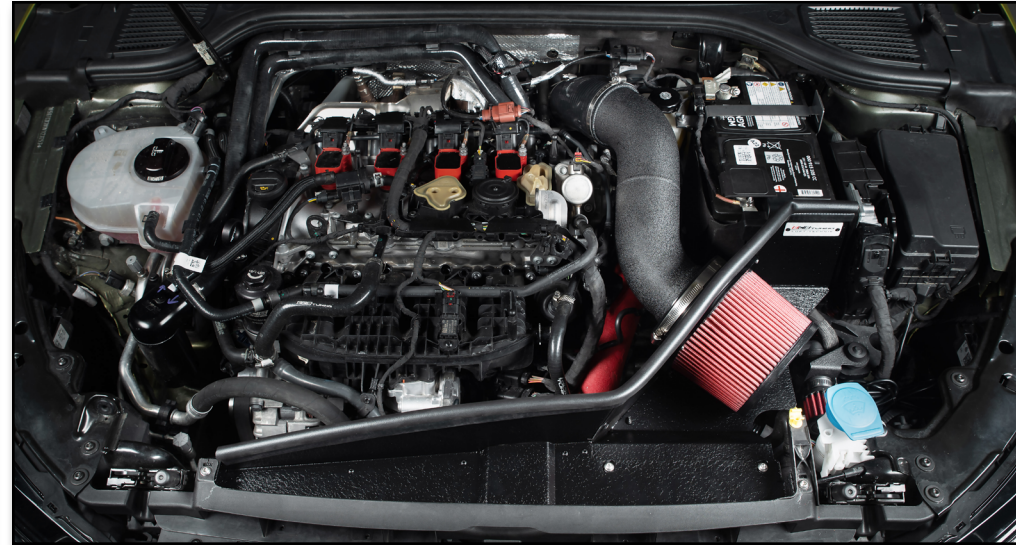




VW MK8 Luft-Technik Intake System Installation Instructions - [Click HERE to Shop](#)



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.

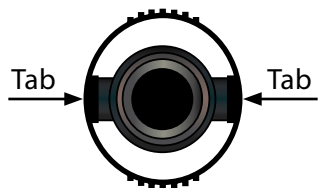
REMOVING THE STOCK INTAKE SYSTEM

Step 1:

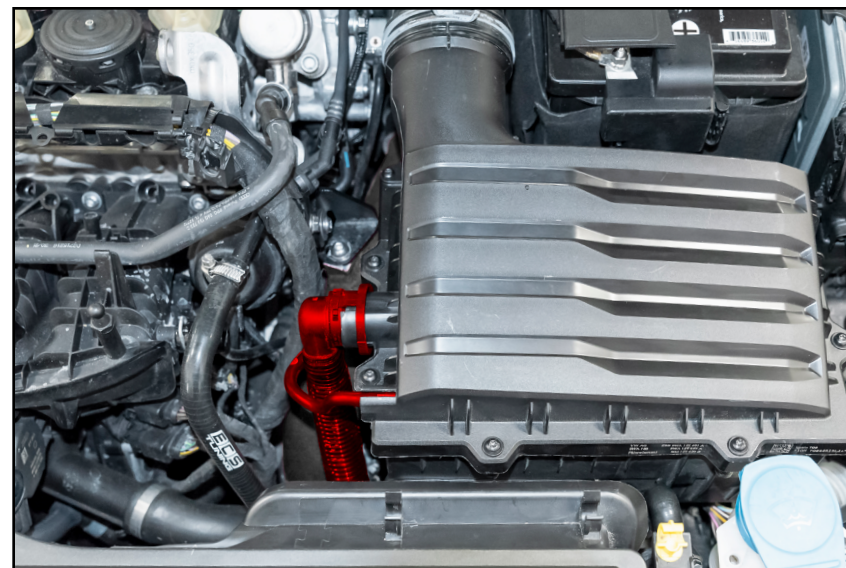
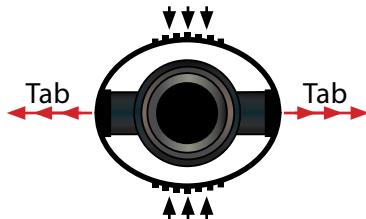
Carefully pull the vacuum hose (highlighted in **RED**) off the air box. Compress the retaining tabs and pull the secondary air injection tube (highlighted in **RED**) off of the air box.

NORMAL INSTALLED STATE:

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

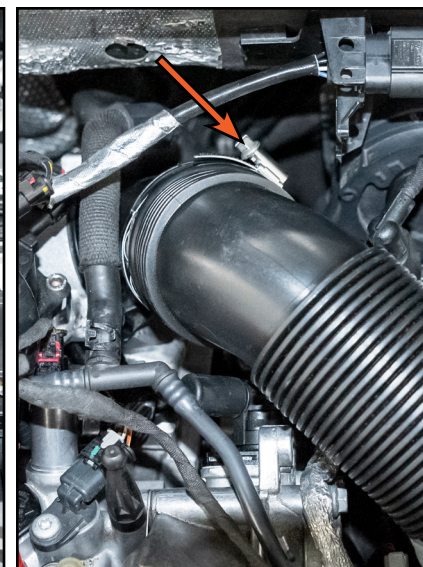
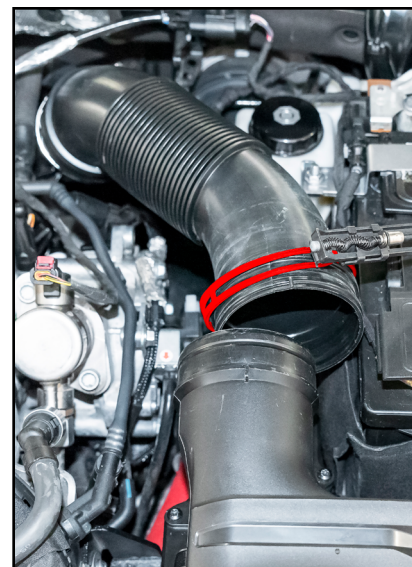


TO REMOVE: Squeeze the knurled sides of the locking ring together and the tabs will expand out and unlock, allowing you to pull the connector off of the air box.



Step 2: Locking Hose Clamp Pliers, 6mm Socket & Ratchet

Release the spring clamp (highlighted in **RED**) from between the air box and the intake tube, then pull the intake tube off of the air box. Loosen the clamp (arrow) which secures the intake tube to the turbo inlet, then remove the intake tube.

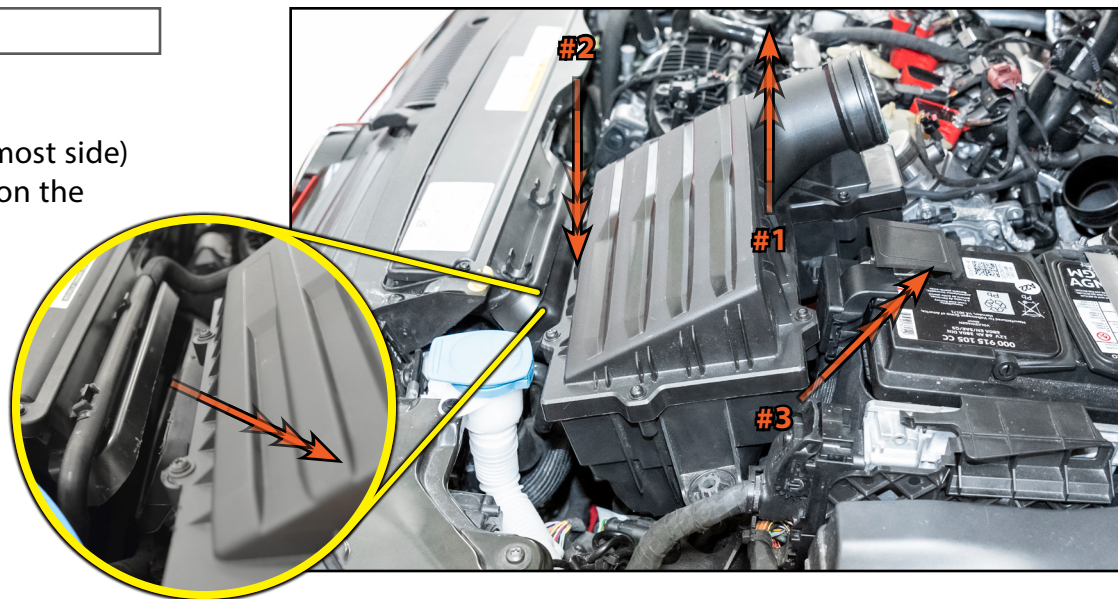


REMOVING THE STOCK INTAKE SYSTEM

Step 3:

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 (as shown in inset photo).
3. Lift the air box rearward and out of the engine bay.



Step 4: T25 Torx

Remove the two screws (arrows), pivot the inlet duct downward to pop it free from the core support, then remove it from the engine bay.



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.



Hose clamp

INSTALLING THE SECONDARY AIR FILTER ADAPTER KIT

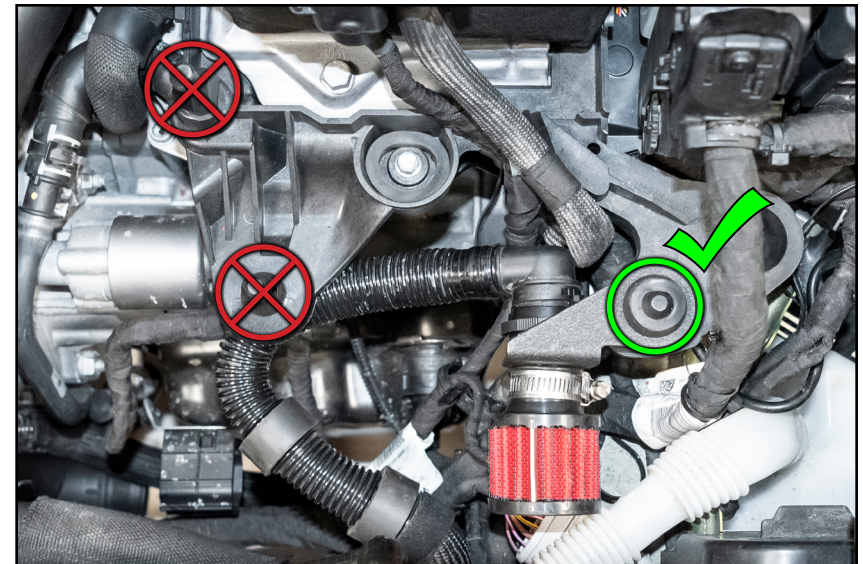
Step 2:

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



Step 3:

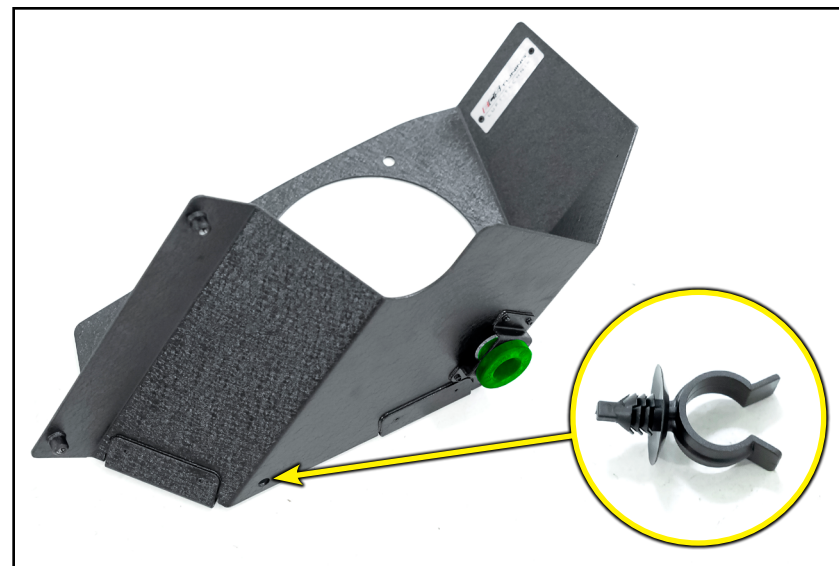
Install the secondary air filter assembly onto the outer air box mounting stud, then connect the SAI tube to the adapter as shown.



INSTALLING THE NEW INTAKE SYSTEM

Step 1:

Install one of the provided grommets (highlighted in **GREEN**) into the mounting tab on the underside of the heat shield, then install the coolant hose clip (inset photo) into the nearby hole.



Step 2:

Install the other provided grommet (highlighted in **GREEN**) into the mounting tab on the underside of the intake pipe.



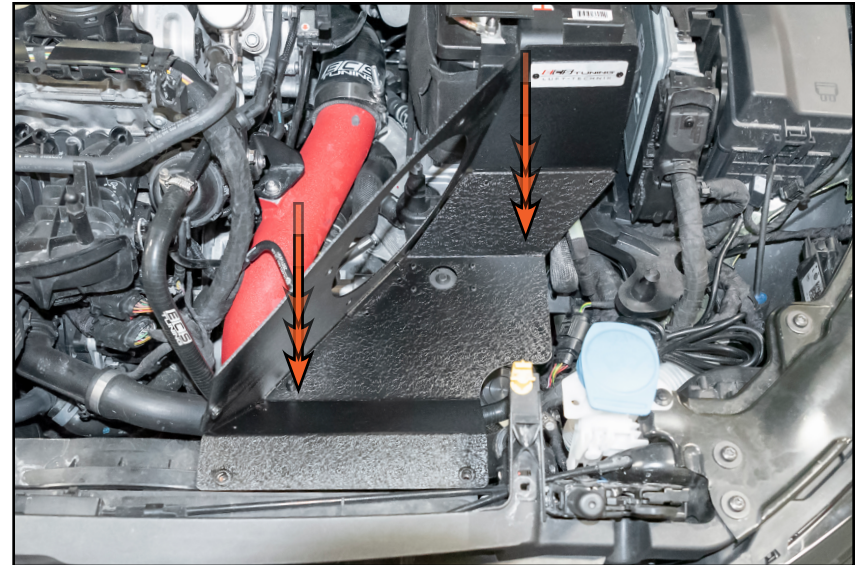
For a clean appearance, your intake system will include a silicone coolant re-route hose. For information regarding installation, please reference the installation instructions linked [HERE](#).



INSTALLING THE NEW INTAKE SYSTEM

Step 3:

Install the heat shield by lining up the mounting grommet with the lower mounting stud on the battery tray and pushing down to pop it into place.



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

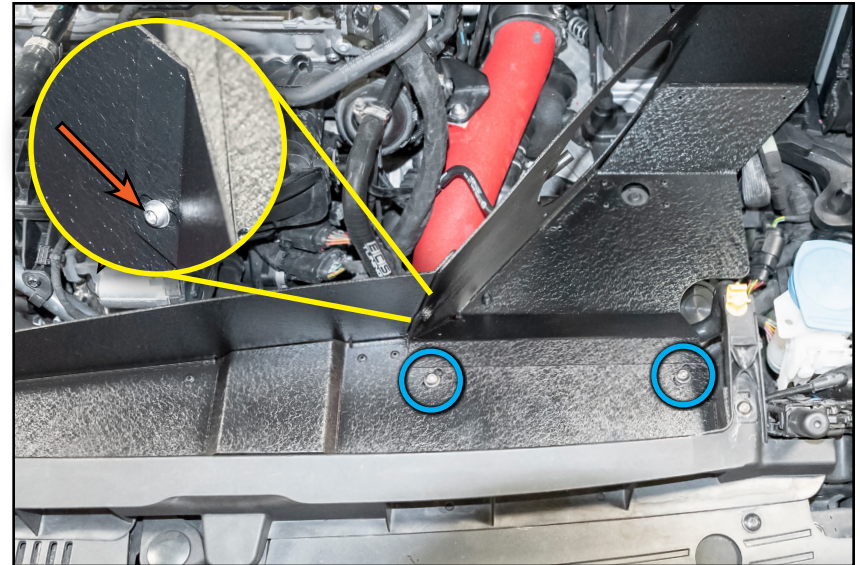
Slide the inlet duct into the core support, then secure it in place with the two of the M6 x 16mm (arrows).



INSTALLING THE NEW INTAKE SYSTEM

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

Secure the inlet duct to the heat shield with two of the M6 x 16mm screws and washers (circled in **BLUE**) and one M6 x 10mm screw and washer (arrow in inset photo).



Step 6: 7mm Socket & Ratchet

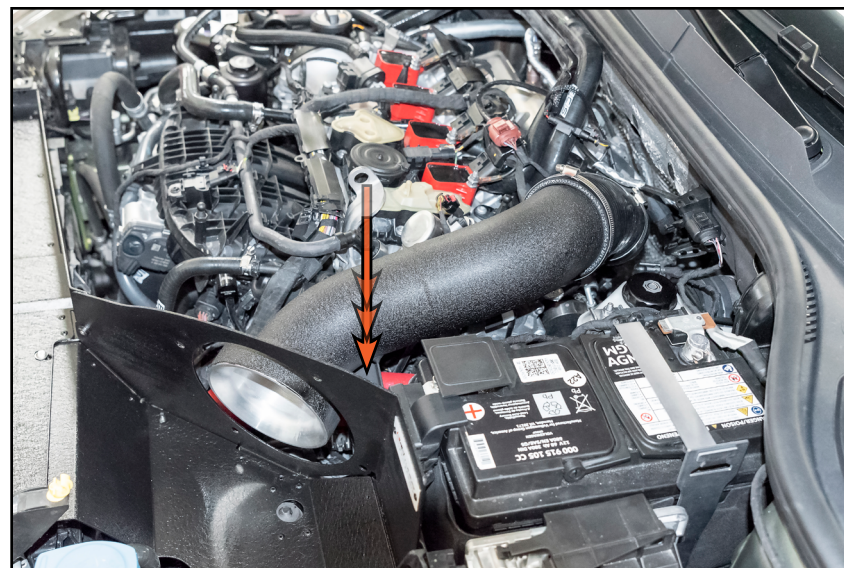
Install the silicone coupler onto the turbo inlet as shown, then tighten the clamp (arrow) until snug.



INSTALLING THE NEW INTAKE SYSTEM

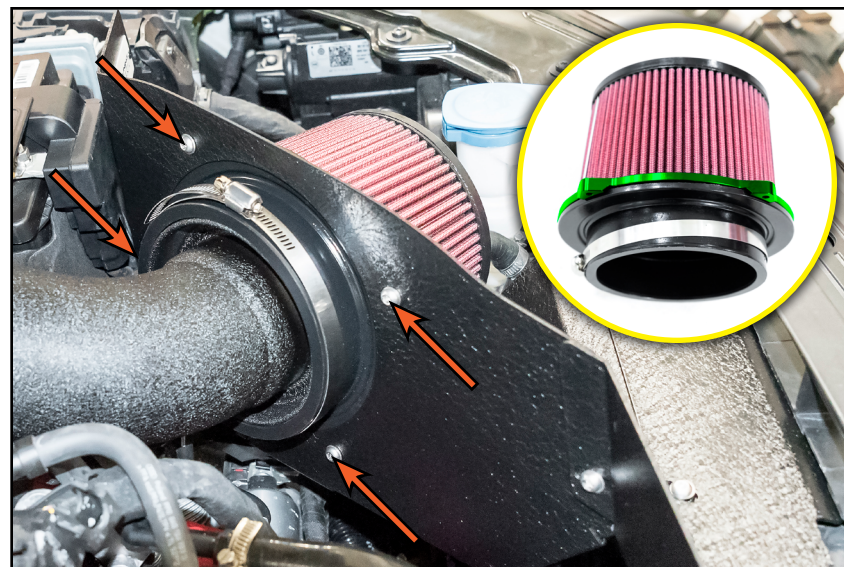
Step 7:

Slide the intake pipe into the silicone coupler as shown, then push down to pop the mounting grommet onto the mounting stud.



Step 8: 4mm Hex (Allen) Socket & Ratchet

Slide the clamping ring (highlighted in **GREEN** in inset photo) over the air filter, slide the air filter onto the intake pipe, then install the four M6 x 16mm screws and washers (arrows) to secure the clamping ring to the heat shield.



INSTALLING THE NEW INTAKE SYSTEM

Step 9: 7mm, 8mm Socket & Ratchet

Adjust the Intake pipe until you are satisfied with fitment, then tighten the clamps (arrows).



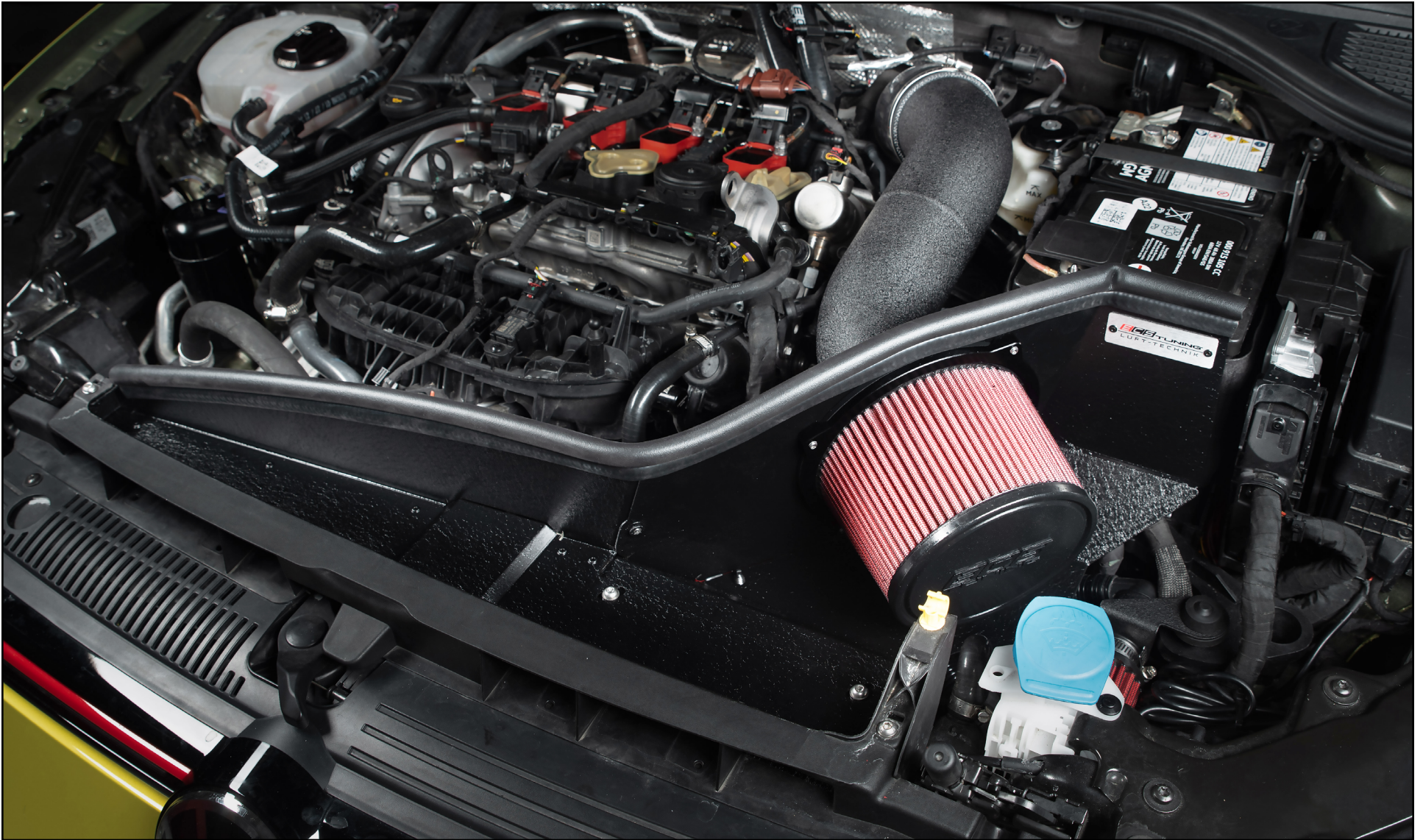
Step 10:

Apply the provided bulb seal (highlighted in **GREEN**) along the top of the inlet duct and heat shield as shown. This will help seal the intake against the hood, making it more air-tight.

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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