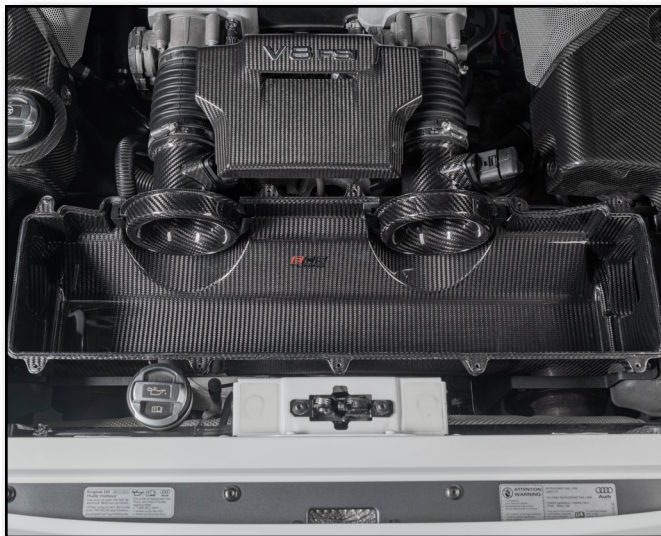
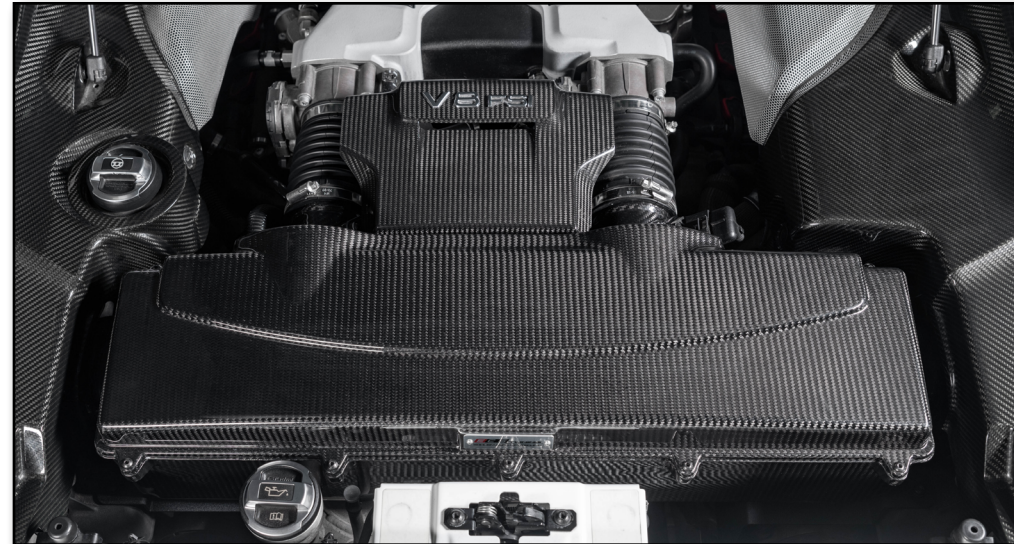




Audi MK1 R8 Kohlefaser Luft-Technik Intake System Installation Instructions - [Click HERE to Shop](#)



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.

REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

Standard Automotive Tools

- Protecta-Sockets (for lug nuts)..... [ES#2221243](#)
- 3/8" Drive Ratchet..... [ES#2765902](#)
- 3/8" Drive Torque Wrench..... [ES#2221245](#)
- 3/8" Drive Deep and Shallow Sockets..... [ES#2763772](#)
- 3/8" Drive Extensions [ES#2804822](#)
- Hydraulic Floor Jack [ES#2834951](#)
- **Torx Drivers and Sockets** [ES#11417/8](#)
- 1/2" Drive Deep and Shallow Sockets..... [ES#2839106](#)
- 1/2" Drive Ratchet
- 1/2" Drive Extensions
- **1/2" Drive Torque Wrench**..... [ES#2221244](#)
- **1/2" Drive Breaker Bar** [ES#2776653](#)
- Bench Mounted Vise
- Crows Foot Wrenches
- Hook and Pick Tool Set [ES#2778980](#)

Required For This Install

- **1/4" Drive Ratchet**..... [ES#2823235](#)
- **1/4" Drive Deep and Shallow Sockets**..... [ES#2823235](#)
- **1/4" Drive Extensions**..... [ES#2823235](#)
- Plier and Cutter Set..... [ES#2804496](#)
- Flat and Phillips Screwdrivers [ES#2225921](#)
- Jack Stands..... [ES#2763355](#)
- Ball Pein Hammers
- Pry Bar Set..... [ES#1899378](#)
- Electric/Cordless Drill
- Wire Strippers/Crimpers
- Drill Bits
- Punch and Chisel Set
- **Hex Bit (Allen) Wrenches and Sockets** [ES#11420](#)
- Thread Repair Tools [ES#1306824](#)
- Open/Boxed End Wrench Set [ES#2765907](#)

Available On Our Website

Specialty Tools

- **Protecta Socket Kit For Wheel Bolts**..... [ES#2221243](#)

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

Step 1: T30 Torx Socket & Ratchet

Safely lift and support the vehicle and remove the rear wheels. Remove the screws and carefully remove the rear fender liners.



Step 2: T30 Torx Socket & Ratchet

Remove the three bolts (arrows) that secure the plastic air intake ducts to the vehicle.



REMOVING THE STOCK INTAKE

Step 3:

Separate the two halves of the air intake duct as shown, then pull the rear section free from the airbox and the front section free from the air inlet in the side blade and set them aside.



Step 4:

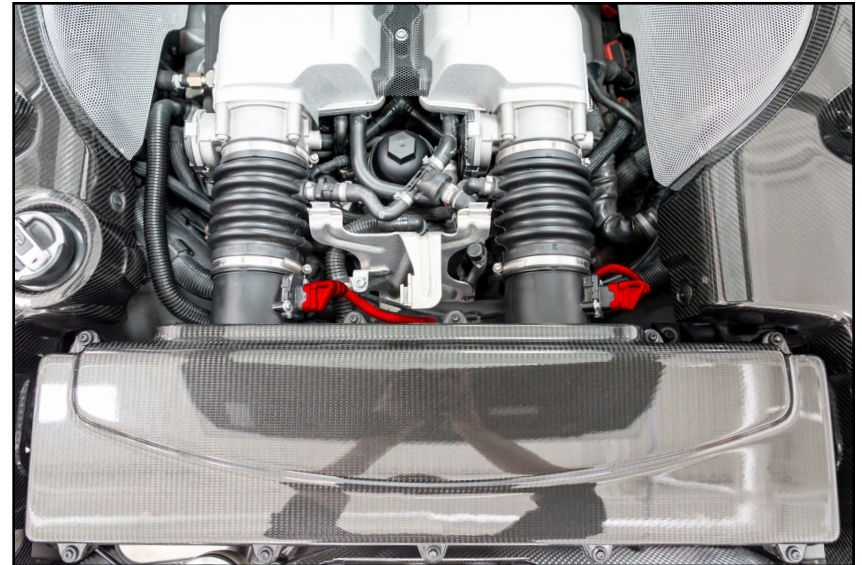
Pull up to remove the engine cover (highlighted in **RED**).



REMOVING THE STOCK INTAKE

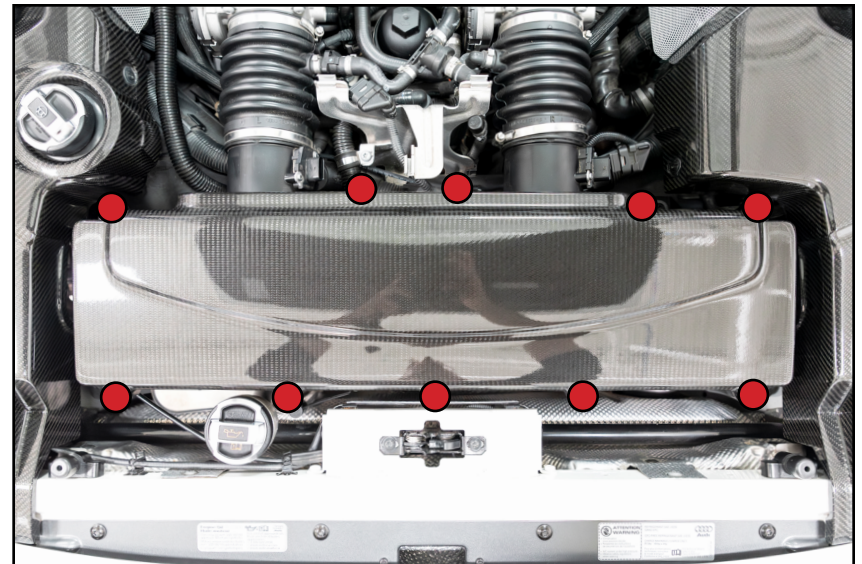
Step 5:

Disconnect the connectors (highlighted in **RED**) from the MAF sensors.



Step 6: Phillips Head Screwdriver

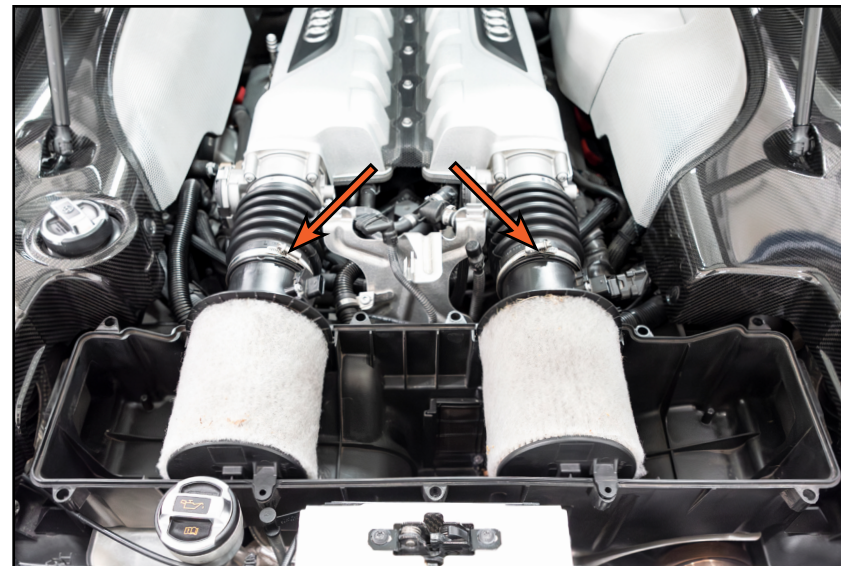
Loosen the screws (**RED** circles) that secures the lid to the airbox, then remove the lid.



REMOVING THE STOCK INTAKE

Step 7: 7mm Socket & Ratchet - OR - Flat Head Screwdriver

Loosen the clamps (arrows) that secure the MAF sensor housings to the throttle body couplers.



Step 8:

Lift up on each air filter assembly to free it from the air box, then pull it free from the throttle body coupler and set it aside.



REMOVING THE STOCK INTAKE

Step 9: T30 Torx Socket & Ratchet

Remove the four screws (arrows) that secure the airbox to the vehicle.



Step 10:

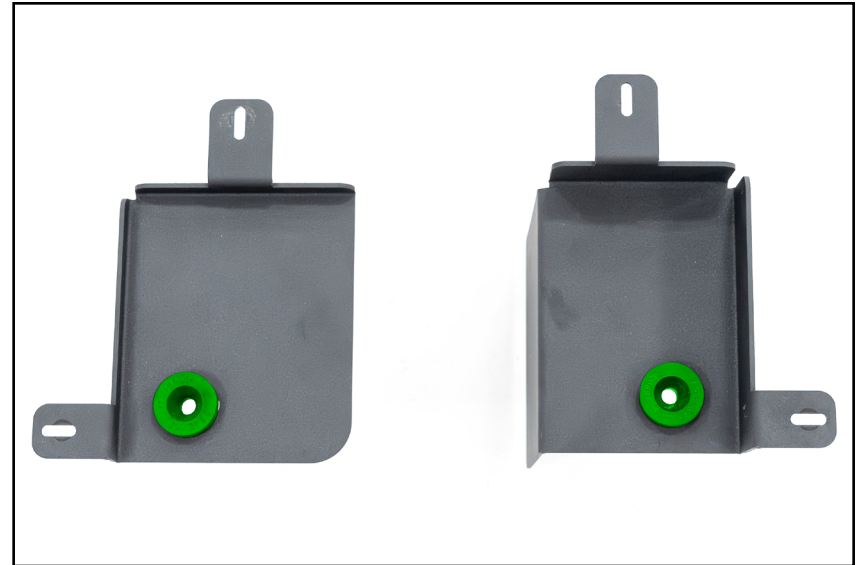
Lift up on the RH side of the airbox to angle it upward, then carefully guide it free from the engine bay.



INSTALLING THE NEW INTAKE SYSTEM

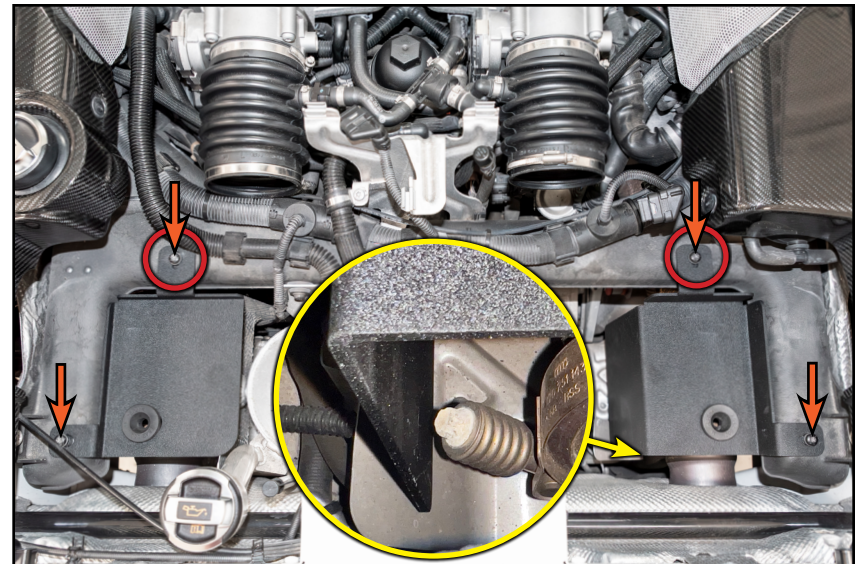
Step 1:

Install the two provided airbox mounts (highlighted in **GREEN**) into the hole in each of the new heat shields as shown.



Step 2: T30 Torx Socket & Ratchet

Install the new heat shields into the engine bay and secure them with the OE airbox screws (arrows). Adjust the heat shields as needed to ensure clearance for the exhaust clamp (inset photo) and other surrounding components, then tighten the screws until fully snug. Remove the front screws (circled in **RED**) and set them aside.



INSTALLING THE NEW INTAKE SYSTEM

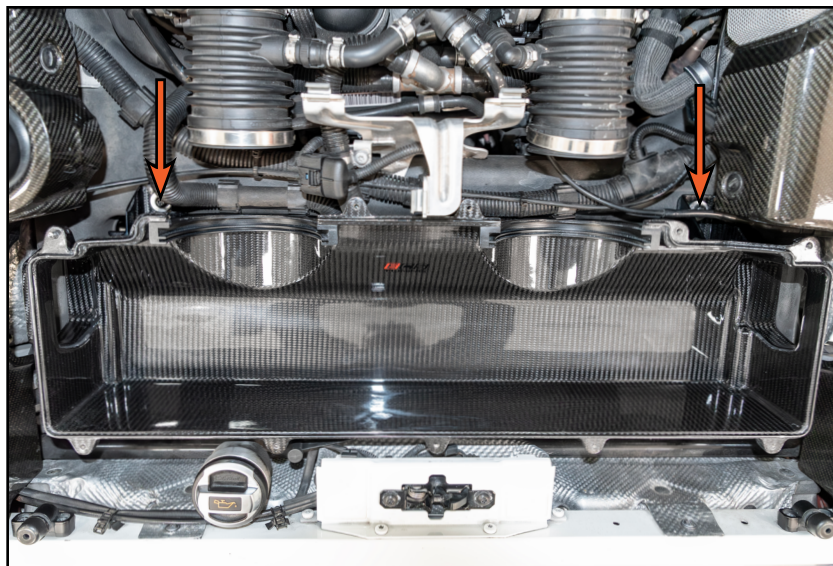
Step 3:

Pull the front mounting grommets (highlighted in **RED** in **Photo #1**) free from the OE airbox, then transfer them to the new airbox as shown (highlighted in **GREEN** in **Photo #2**).



Step 4: T30 Torx Socket & Ratchet

Carefully line up the mounting posts on the airbox with the airbox mounts in the new heat shields, then push down to pop them into place. Reinstall the front screws (arrows) through the mounting grommets and heat shields and tighten them until snug.



INSTALLING THE NEW INTAKE SYSTEM

Step 5: T25 Torx, 3mm Hex (Allen) Socket & Ratchet

Loosen the screws and pull the MAF sensors (highlighted in **RED** in **Photo #1**) free from the OE MAF sensor housings, then transfer them to the new inlets as shown (highlighted in **GREEN** in **Photo #2**).



Step 6: 7mm Socket & Ratchet

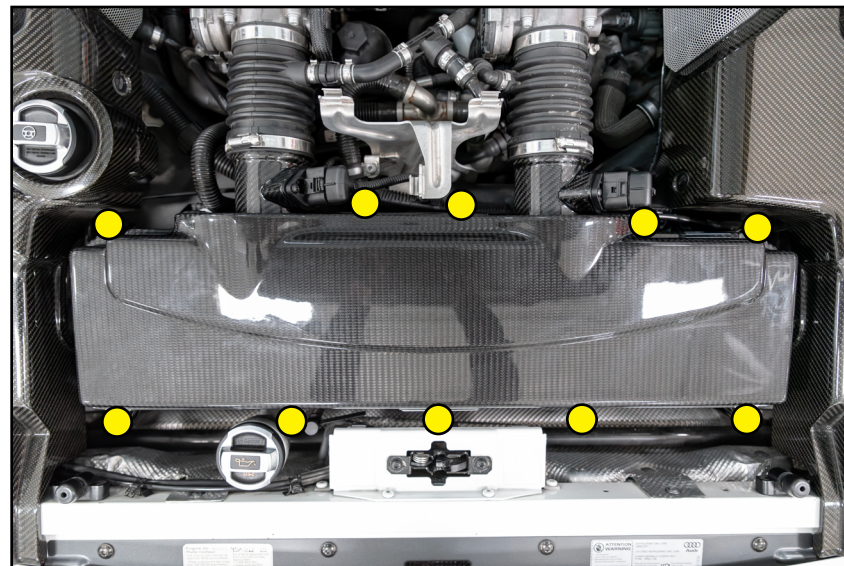
Slide the new inlets into the throttle body couplers, then install them into the small groove in the airbox as shown. Rotate the inlets as needed and connect the MAF sensor connectors (highlighted in **GREEN**), then tighten the clamps (arrows) until snug.



INSTALLING THE NEW INTAKE SYSTEM

Step 7: 3mm Hex (Allen) Socket & Ratchet

Carefully install the lid onto the airbox, ensuring the inlets sit in the front groove on the lid as shown, then install the ten M5 x 16mm screws (**YELLOW** circles) to secure the lid in place.



Step 8:

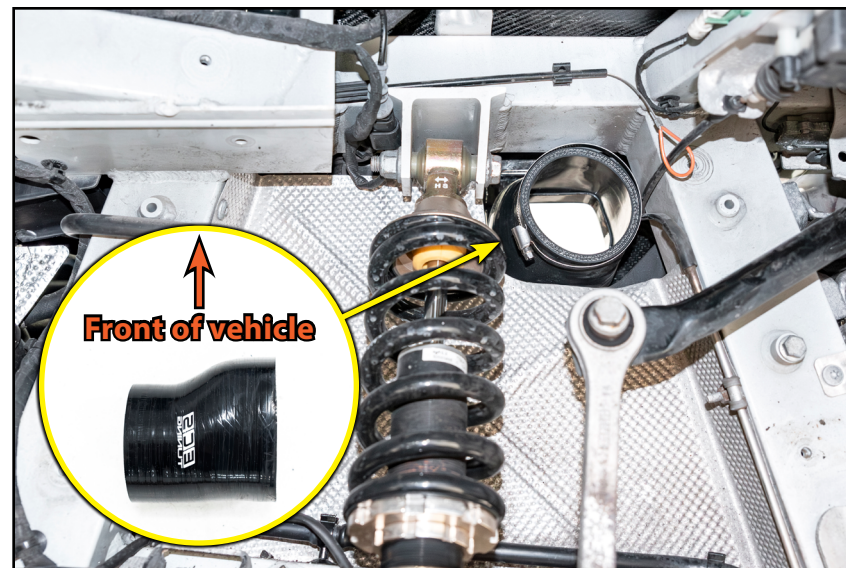
Carefully reinstall the engine cover (highlighted in **GREEN**).



INSTALLING THE NEW INTAKE SYSTEM

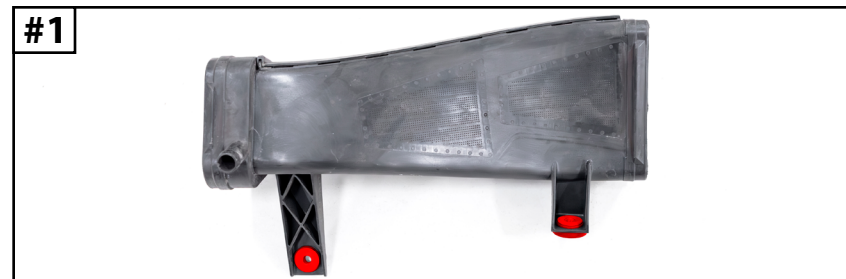
Step 9:

Slide the intake coupler and clamp onto each side of the airbox as shown, ensuring the coupler is oriented as shown in the inset photo.



Step 10:

Pull the mounting grommets (highlighted in **RED** in **Photo #1**) free from the OE air duct, then transfer them to the new intake pipe as shown (highlighted in **GREEN** in **Photo #2**).



INSTALLING THE NEW INTAKE SYSTEM

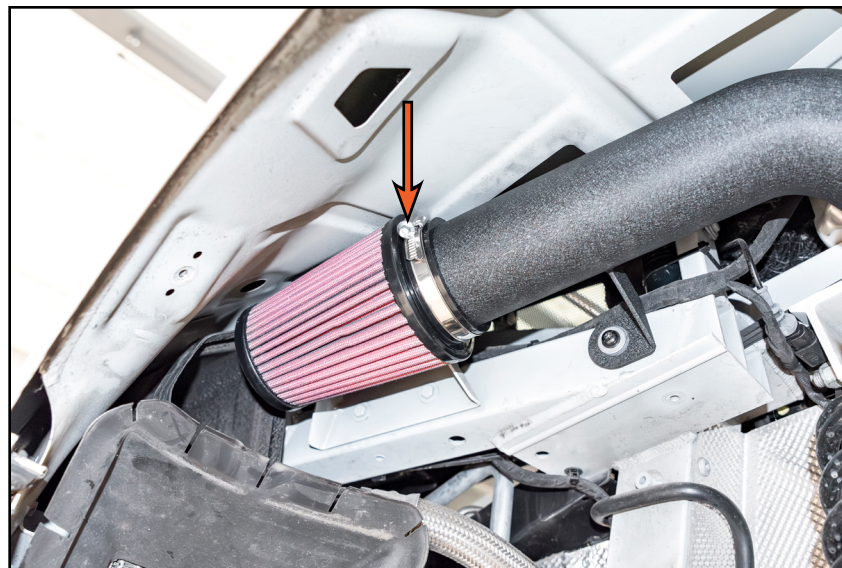
Step 11: T30 Torx, 8mm Socket & Ratchet -OR- Flat Head Screwdriver

Slide the new intake pipe into the coupler as shown, secure it to the vehicle with the OE screws (circled in **YELLOW**), then tighten the clamp (arrows) to secure the coupler to the pipe.



Step 12: 8mm Socket & Ratchet -OR- Flat Head Screwdriver

Slide an air filter onto the end of each intake pipe and tighten the clamp (arrow) until snug to secure it in place. Reinstall the rear fender liners and wheels, torquing the wheel bolts to 120 Nm (89 Ft-lbs).



Congratulations, your installation is complete!

Your Kohlefaser Luft-Technik Intake System installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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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