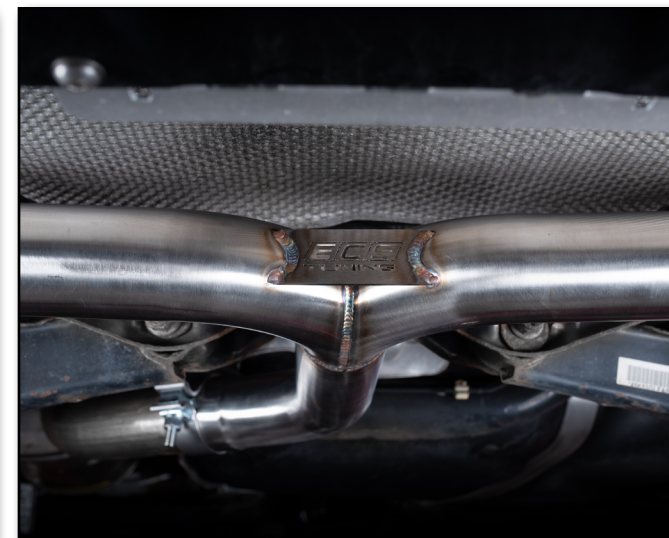
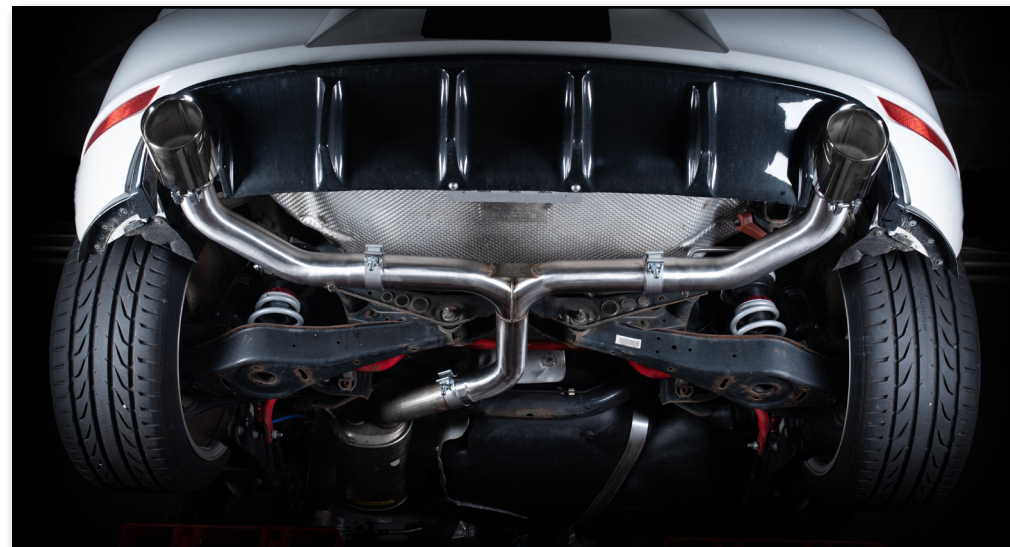




VW MK6 GTI Muffler Delete Kit
Installation Instructions - [Click HERE to Shop](#)



Skill Level 1
- Easy -
Basic Skills
Required



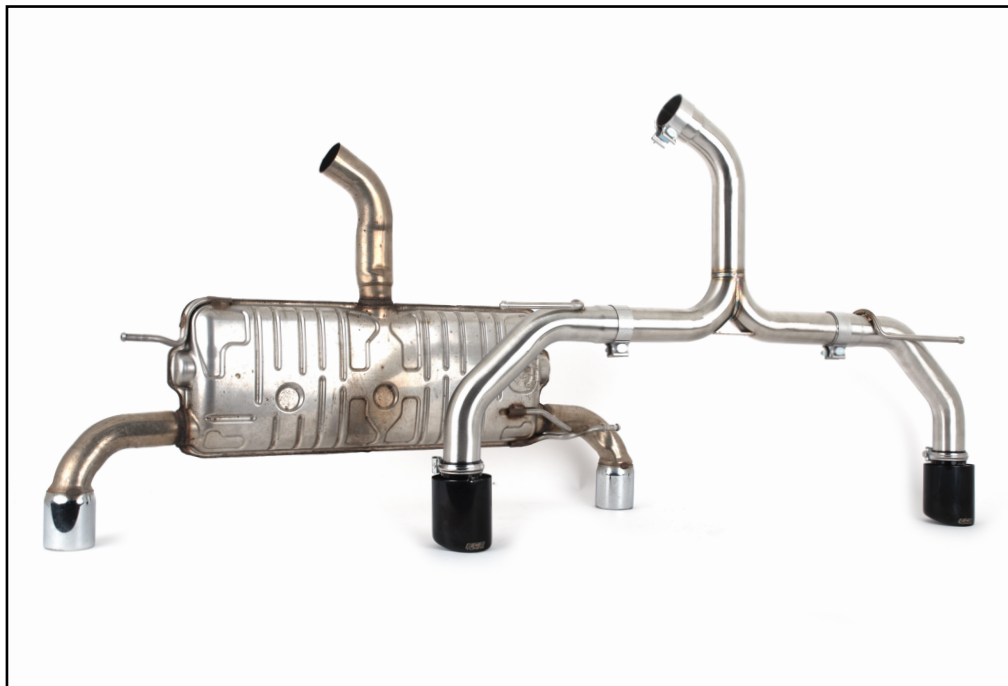
Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INTRODUCTION

The Project:

Today we are going to install our ECS Tuning Muffler Delete Kit for the Volkswagen MK6 GTI. This kit has been designed by the engineering team at ECS Tuning to improve the flow of exhaust and give your GTI a more aggressive exhaust note without the cost of a full cat-back exhaust system. This job requires only a few basic tools and installation is a total breeze! When it comes time to make the cut and remove the stock muffler, take your time. An accurate cut is crucial for proper installation.

The photo below shows the muffler delete kit next to the stock muffler that we will be removing in these installation instructions. As you can see, this kit is a direct replacement for the stock muffler, utilizing the stock mounting hanger locations.



Be sure to read these instructions completely before you begin the project, and don't be afraid to refer back as needed. Thank you for choosing ECS Tuning for all your performance and repair needs, we appreciate your business!

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KIT CONTENTS



Y-Pipe



Tail Pipes



Clamps



Exhaust Tips

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

Available On Our Website

- 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](#)

Specialty Tools

- **Exhaust Pipe Hanger Remover Pliers**..... [ES#2784927](#)
- **Exhaust Pipe Cutter**..... [ES#3106581](#)

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.

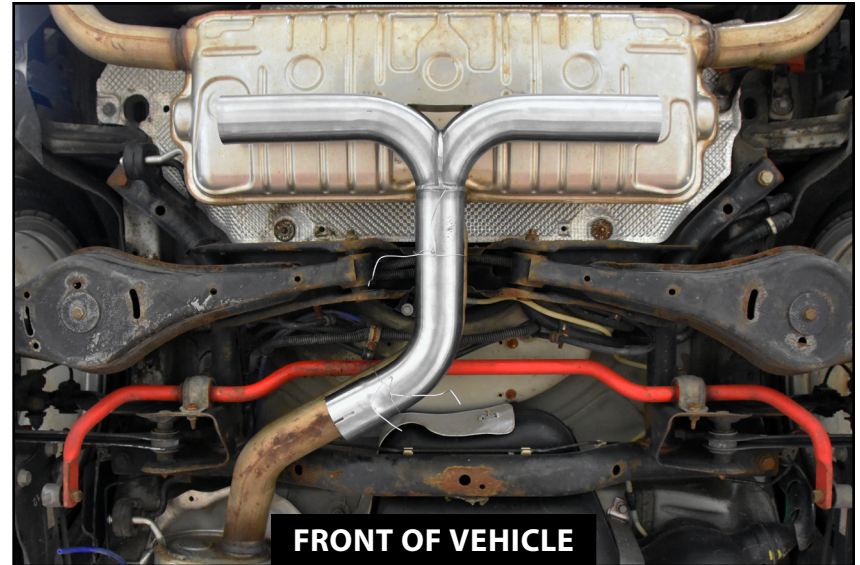
REMOVING THE STOCK MUFFLER

Step 1:

Lift the muffler delete Y-pipe up against the stock muffler as shown. Line up the two pipes so that the bends match up and the rear portion of the pipe is parallel with the muffler, then secure them together with mechanic's wire.



Take your time here and double check that the pipes are properly aligned. All of your cuts are going to be based off of this alignment, so it's worth taking your time to ensure that it's done right.



Step 2: Marker -or- Masking Tape

Using a marker or masking tape, make a mark on the stock exhaust where the muffler delete pipe ends.



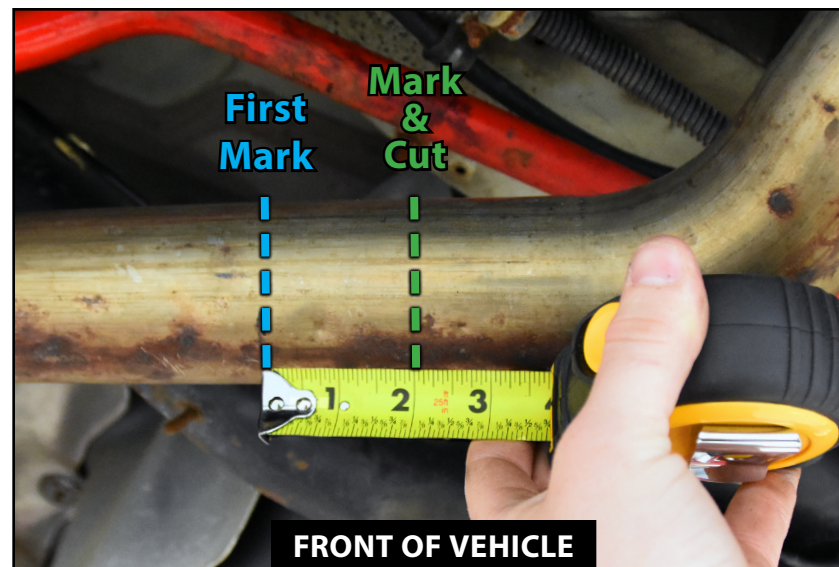
REMOVING THE STOCK MUFFLER

Step 3: Measuring Tape & Marker -or- Masking Tape

Now we can measure 2" downstream from the first mark we just made and make a second mark all the way around the pipe. **THIS** is where we will be making our cut.



It is **absolutely imperative** that you take your time here and double or triple check your marks before you cut anything. There is no turning back once the pipe has been cut, so measure twice, cut once!



Step 4: Exhaust Pipe Cutter -or- Reciprocating Saw

Cut along the line you made in the previous step being sure to cut as straight as possible until you cut all the way through the pipe.



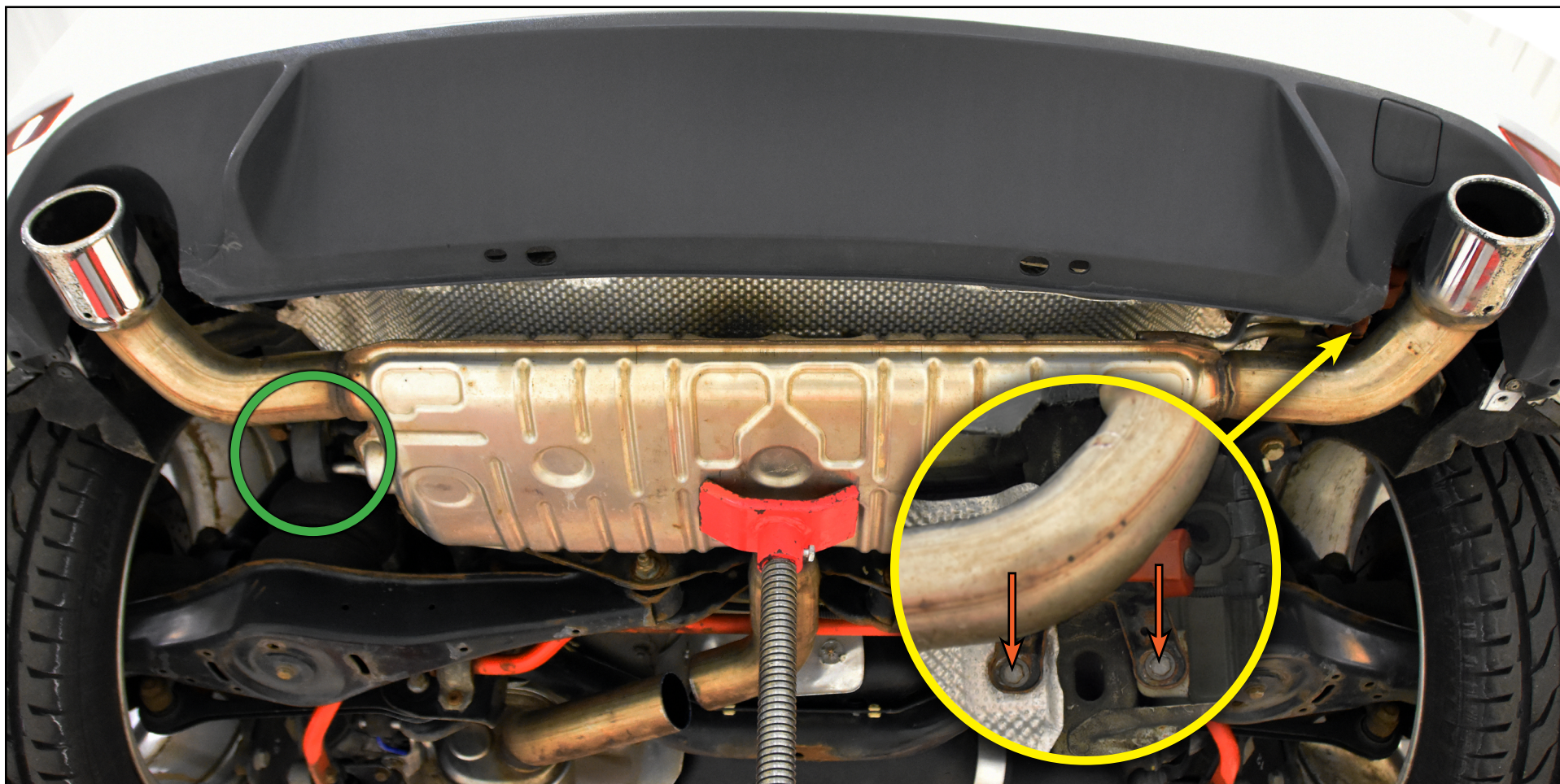
Installing the 55mm clamp available [HERE](#) will allow you to re-install your stock muffler if desired.



REMOVING THE STOCK MUFFLER

Step 5: Exhaust Hanger Removal Pliers, 13mm Socket & Ratchet

Support the muffler from below so that it does not drop and cause damage. Remove the two bolts (arrows in inset photo) which secures the RH muffler hanger to the vehicle, then pull the LH muffler hanger rod out of the rubber isolator (circled in **GREEN**) on the vehicle and remove the muffler.



REMOVING THE STOCK MUFFLER

Step 6: Metal File -or- Die Grinder

Use a metal file or die grinder to remove any burrs from the exhaust pipe that we cut, this will ensure a proper fit and seal once the new pipe is installed.



Step 7: Exhaust Hanger Removal Pliers

Pull the exhaust hanger off of the rod on the RH side of the muffler as shown.



INSTALLING THE MUFFLER DELETE KIT

Step 1:

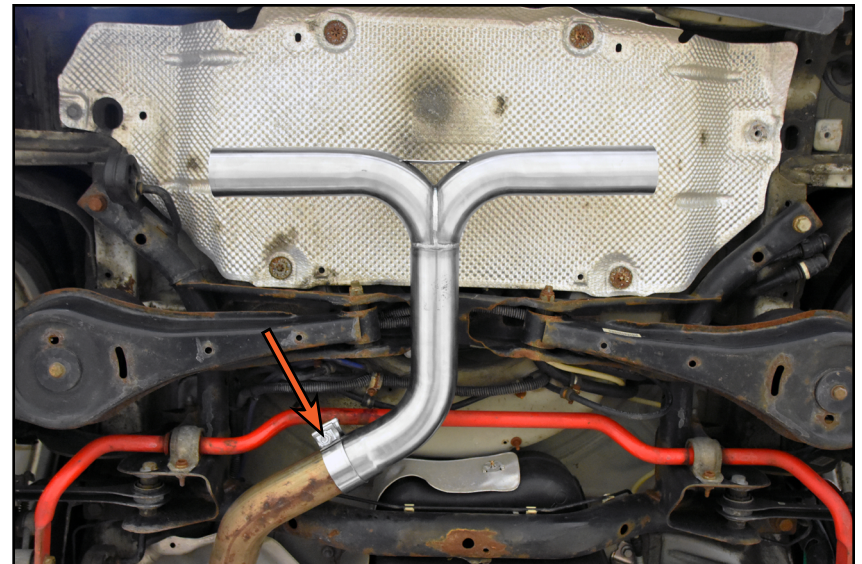
Flip the hanger around so that the bracket faces towards the **FRONT** of the vehicle and slide it over the hanger rod on the LH tailpipe as shown.

FRONT OF VEHICLE



Step 2:

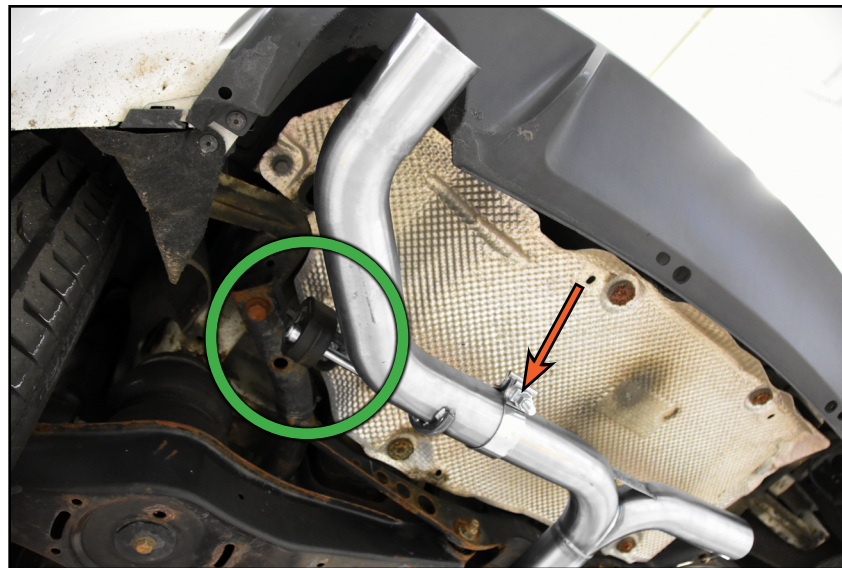
Slide the 65mm clamp (arrow) over the end of the Y-pipe and slide it onto the stock exhaust as shown.



INSTALLING THE MUFFLER DELETE KIT

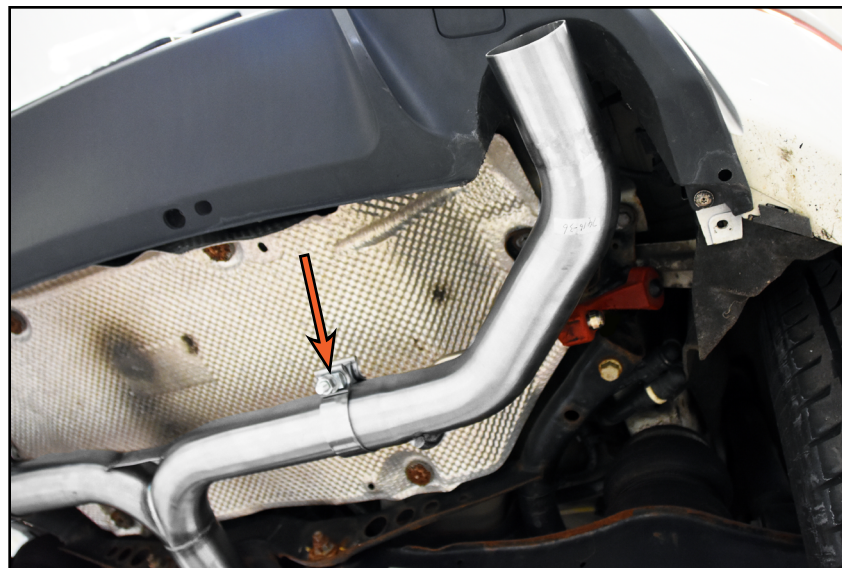
Step 3:

Slide a 63.5mm clamp (arrow) over the end of the LH tail pipe and slide it onto the Y-pipe, then slide the hanger rod into the rubber isolator (circled in **GREEN**).



Step 4:

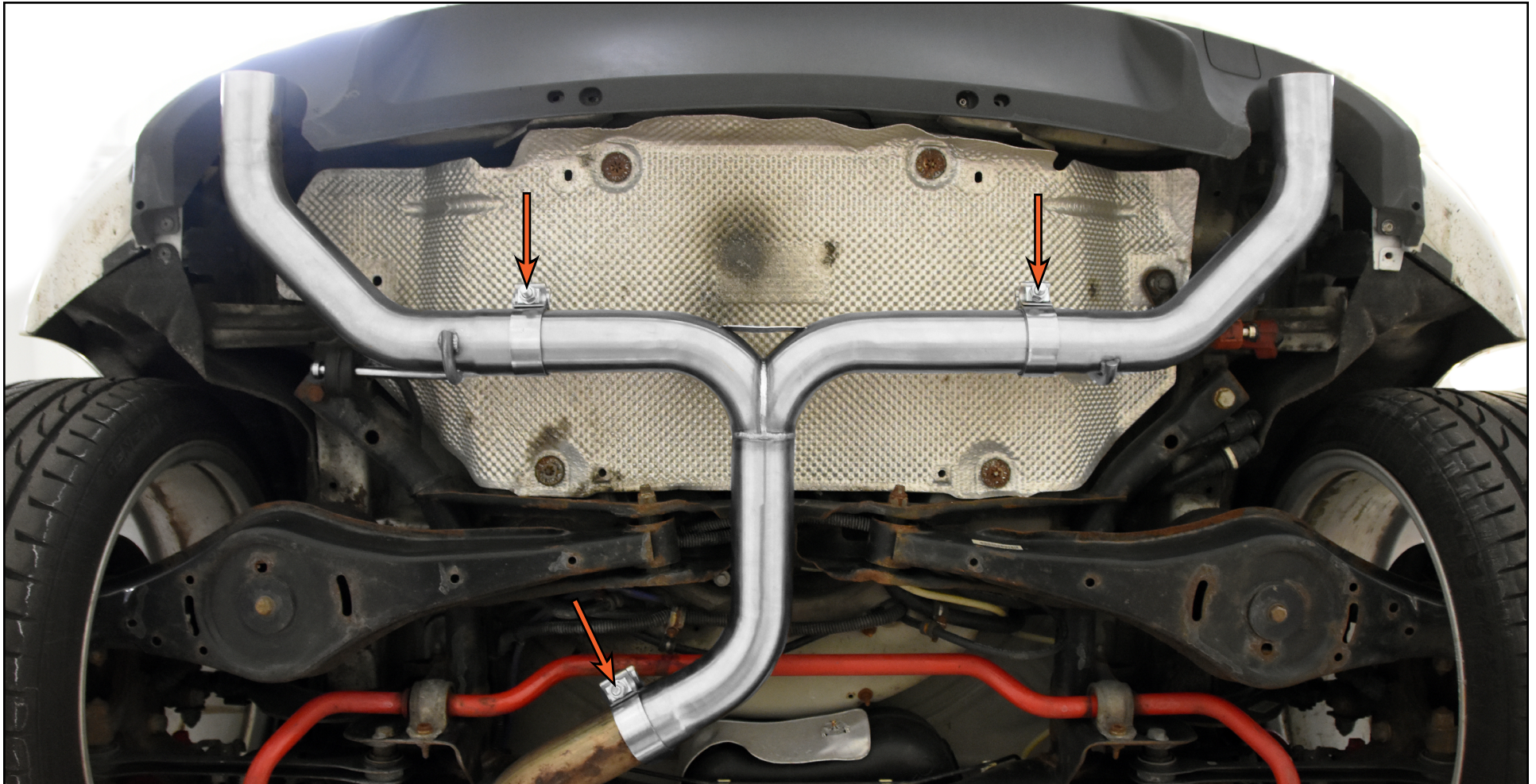
Slide a 63.5mm clamp (arrow) over the end of the RH tail pipe and slide it onto the Y-pipe, then reinstall the two bolts to secure the exhaust hanger to the vehicle.



INSTALLING THE MUFFLER DELETE KIT

Step 5: 15mm Socket & Ratchet

Rotate and slide the pipes until both sides of the exhaust are equal lengths and are angled correctly to allow adequate clearance around the valance, then fully tighten all the clamps (arrows).



INSTALLING THE MUFFLER DELETE KIT

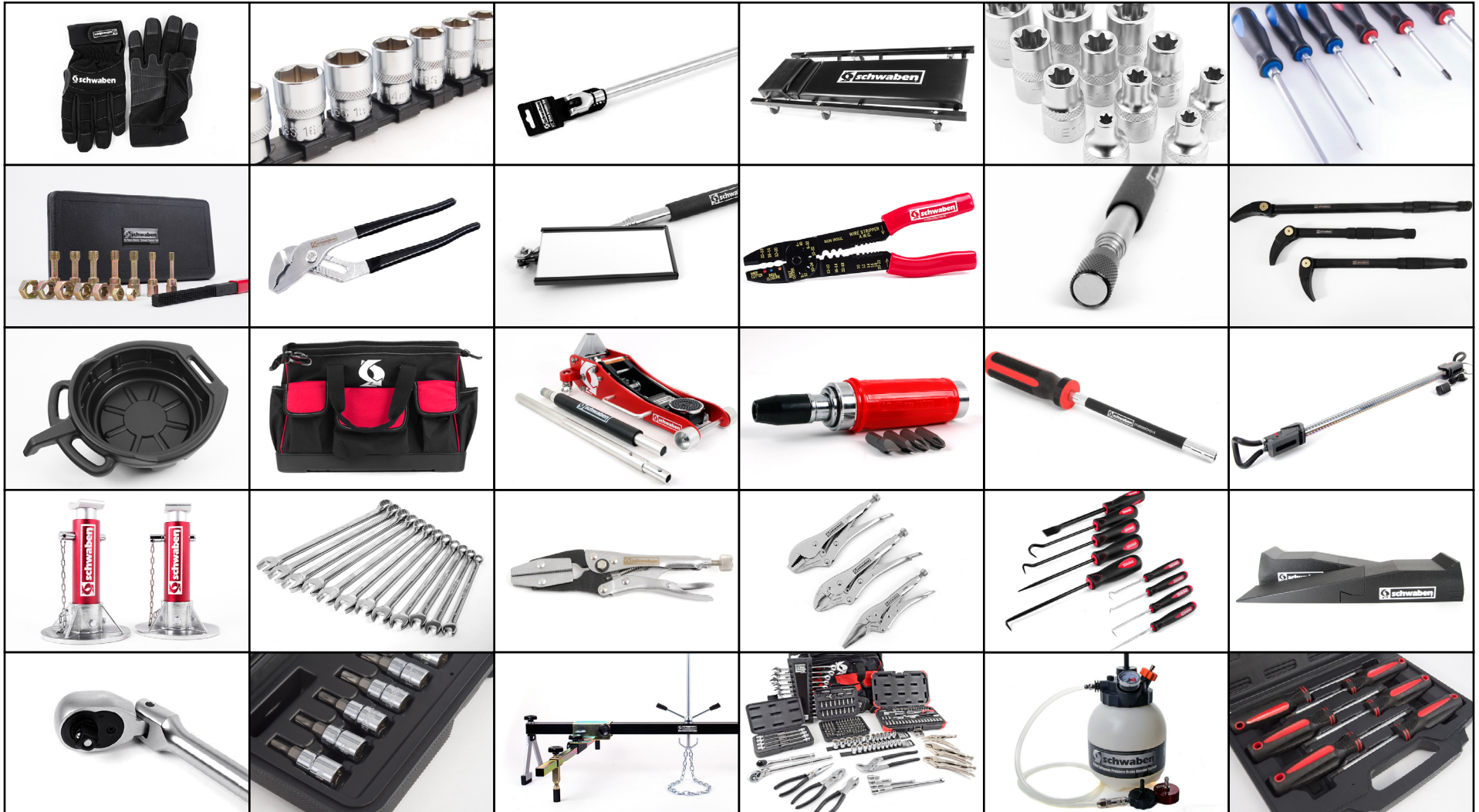
Step 6: 13mm Socket & Ratchet

Slide the swivel exhaust tips onto the ends of the exhaust and adjust until proper fitment is achieved. Ensure that the ECS logos face upward and there is adequate clearance between the tips and the rear valance. Once proper alignment is achieved, tighten the clamps to 19 Nm (14 Ft-lbs).

Congratulations, your installation is complete!



At ECS Tuning, we carry a line of high quality Schwaben Tools and Equipment to help you build your ultimate tool collection. Never before has affordability and quality been so closely related. Our entire Schwaben line is subjected to strict in house testing for strength and durability. See what we have to offer and equip your garage without breaking the bank.



Your Muffler Delete Kit 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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