



VW Tiguan MQB ECS Exhaust System Installation Instructions - [Click HERE to Shop](#)



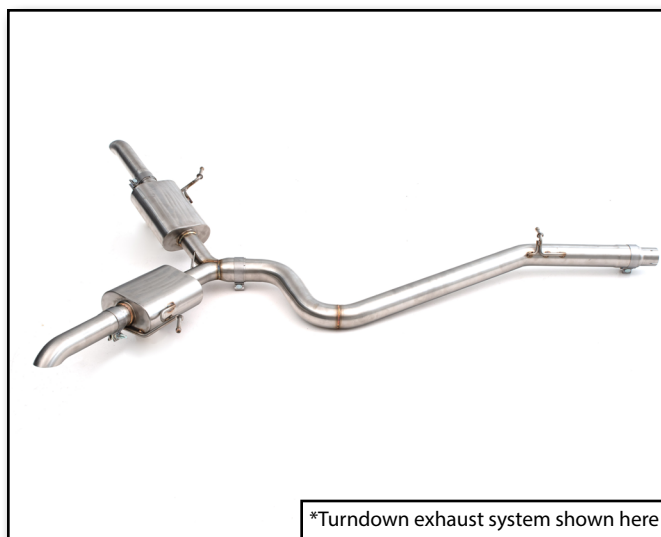
Skill Level
1 - Easy
Basic Skills
Required



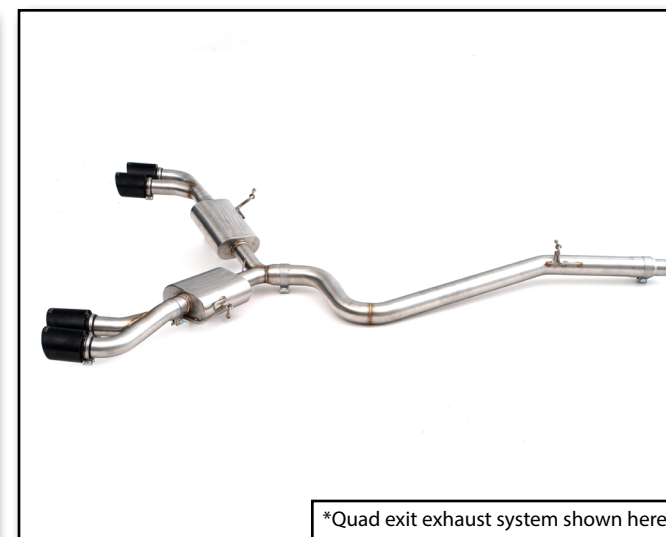
*Turndown exhaust system shown here



*Quad exit exhaust system shown here



*Turndown exhaust system shown here



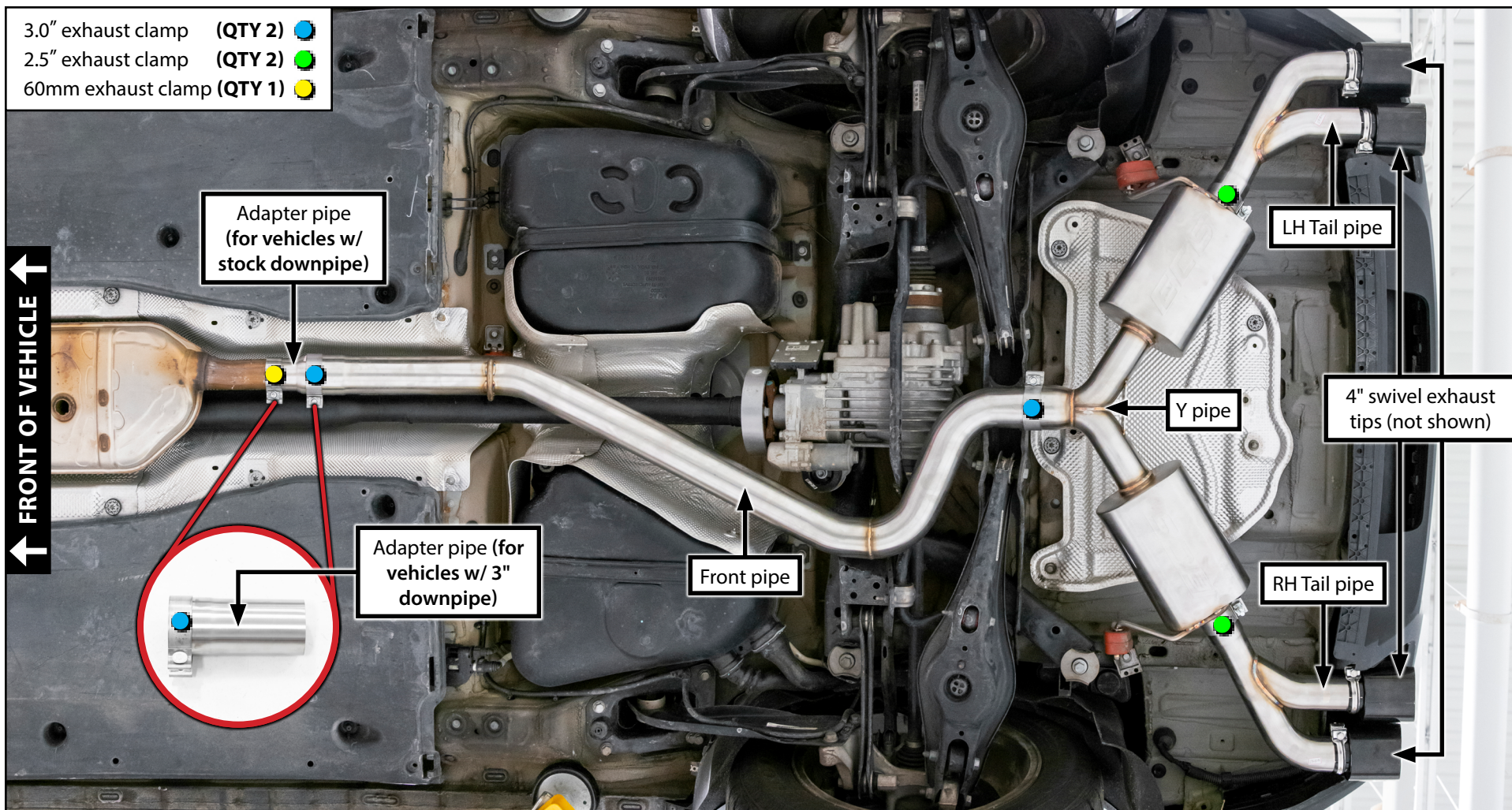
*Quad exit exhaust system shown here

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



Our quad exit exhaust systems come with four 4" exhaust tips in the finish of your choice. Each system comes with two adapters which will connect our exhaust system to either the stock downpipe or an aftermarket 3" downpipe (**RED** inset photo above).

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

- **Exhaust Hanger Removal Pliers** [ES#2784927](#)

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.

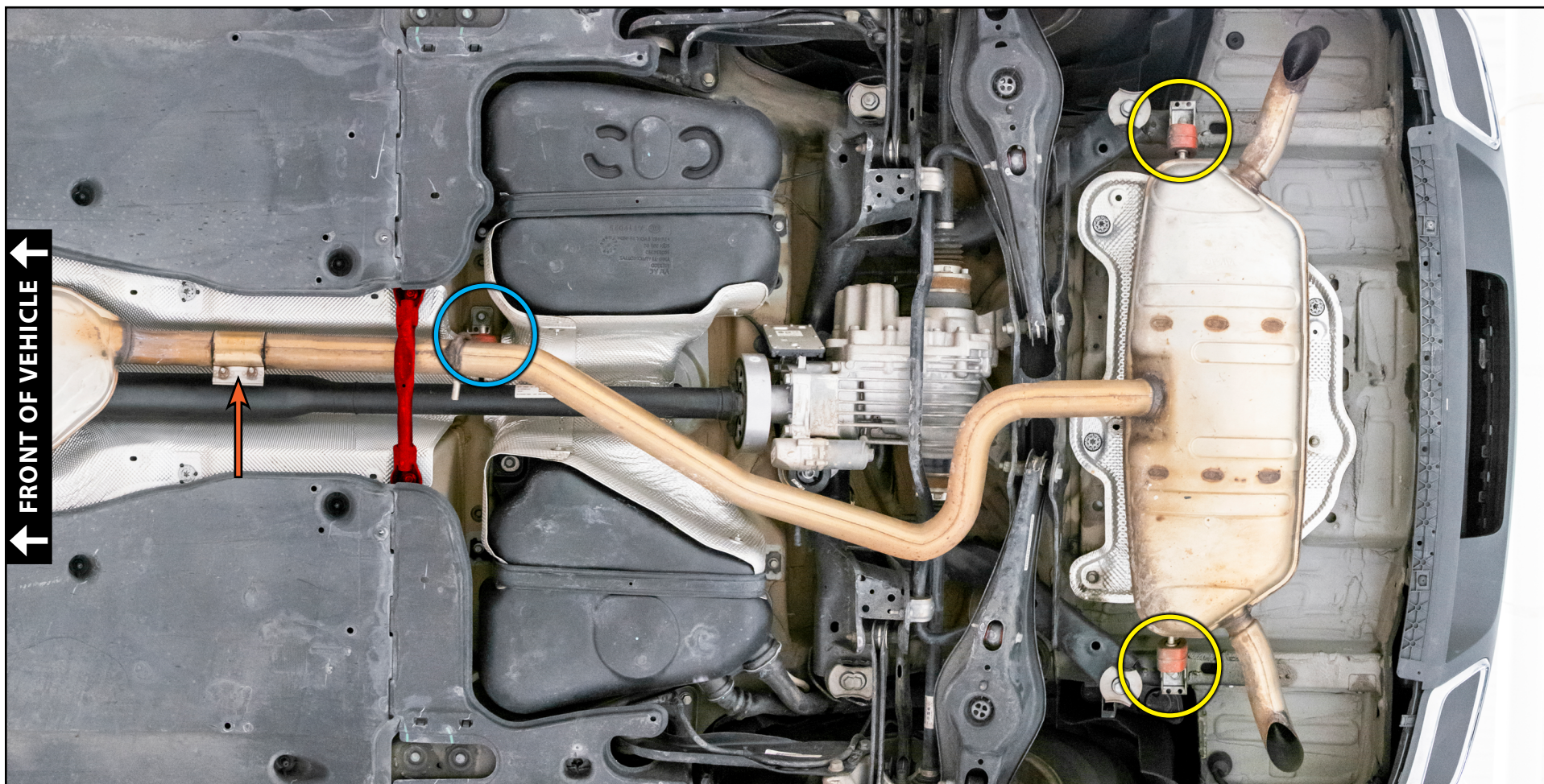
- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- 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 EXHAUST SYSTEM

Step 1: 13mm Socket & Ratchet, Exhaust Hanger Removal Pliers

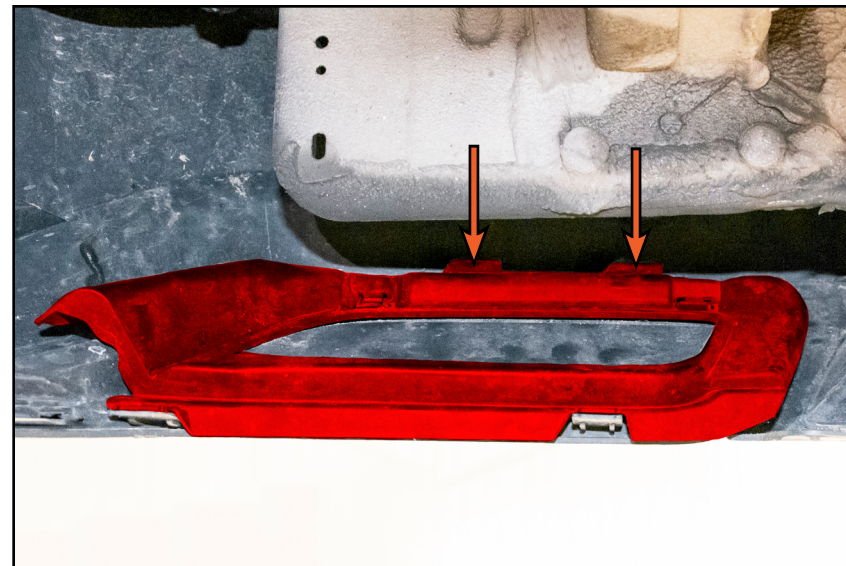
Safely lift and support the vehicle then remove the four bolts and remove the chassis cross brace (highlighted in **RED**). Support the exhaust system from below then loosen the sleeve clamp (arrow) which secures the exhaust to the downpipe. Release the rubber hangers (circled in **BLUE**) from the exhaust system. Unbolt the rear muffler hangers (circled in **YELLOW**) from the vehicle and carefully lower the entire system to the ground and set it aside.



TRIMMING THE REAR VALANCE

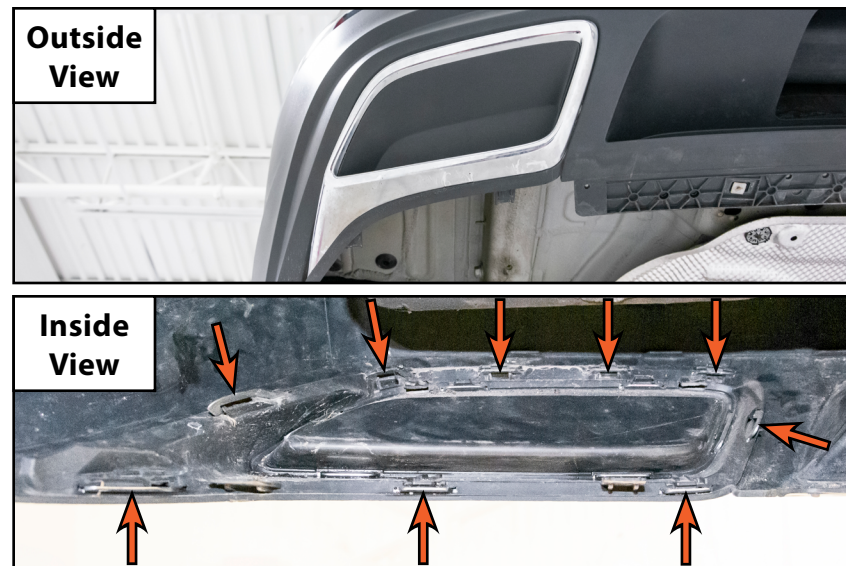
Step 1: Razor Blade

Quad exit systems only: The rear valance on non R-line models must be trimmed to allow for the use of quad exhaust tips. Looking inside the rear valance, lift up the plastic cover (highlighted in **RED**) behind each of the chrome exhaust trim pieces and cut the two plastic tabs (arrows) which secure it in place.



Step 2: Trim Removal Tool

Quad exit systems only: Remove the chrome exhaust trim by depressing the mounting tabs (arrows) around the perimeter inside the valance and pulling it free.



TRIMMING THE REAR VALANCE

Step 3: Razor Blade -OR- Die Grinder

Quad exit systems only: Using a razor blade or die grinder with a cutoff wheel, carefully trim away the plastic area highlighted in **RED** to create the exhaust tip cutout.



Step 4: File

Quad exit systems only: Trim or file away any rough edges until you are happy with the look and finish of the exhaust tip cutouts.

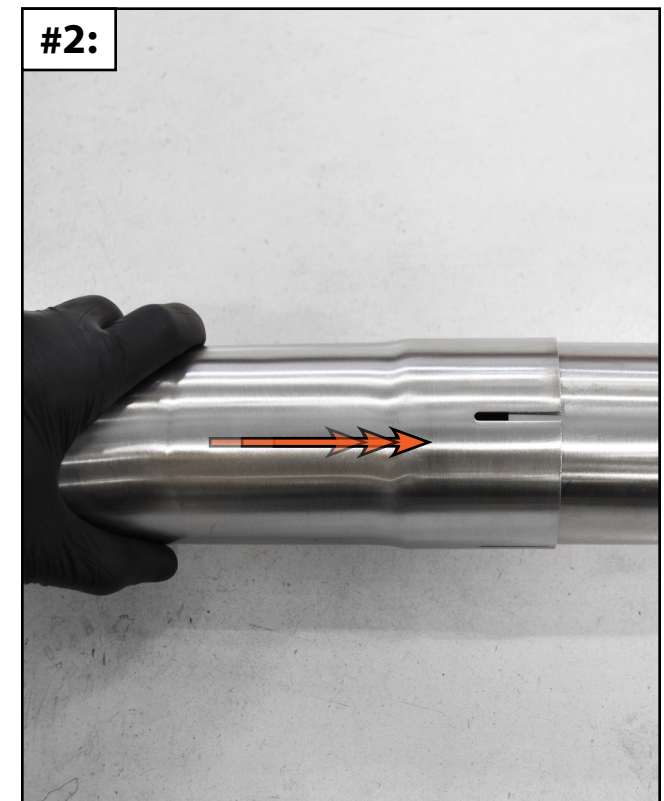
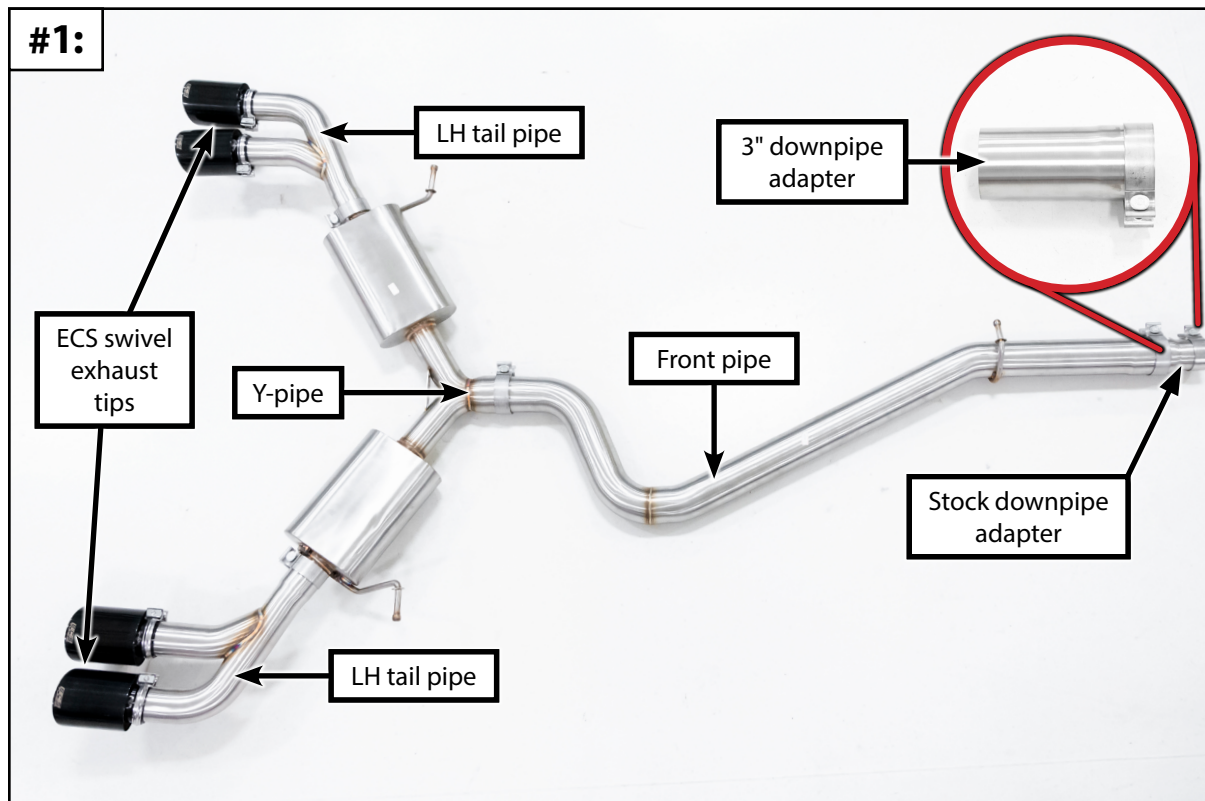


INSTALLING THE NEW EXHAUST SYSTEM

Step 1: Ball Pein Hammer

Before we begin it's a good idea to unpack your new exhaust system and carefully lay it out on the floor (**Photo #1**). Test fit the pipes together at every slip joint to make sure they slide together easily (**Photo #2**). If they do not slide together easily, gently tap on the ends of the pipes with a ball pein hammer to straighten them, then recheck fitment.

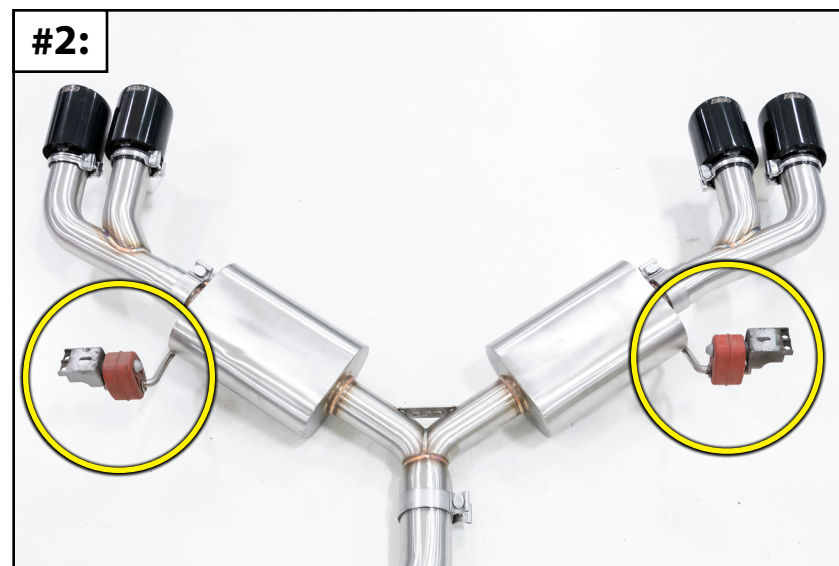
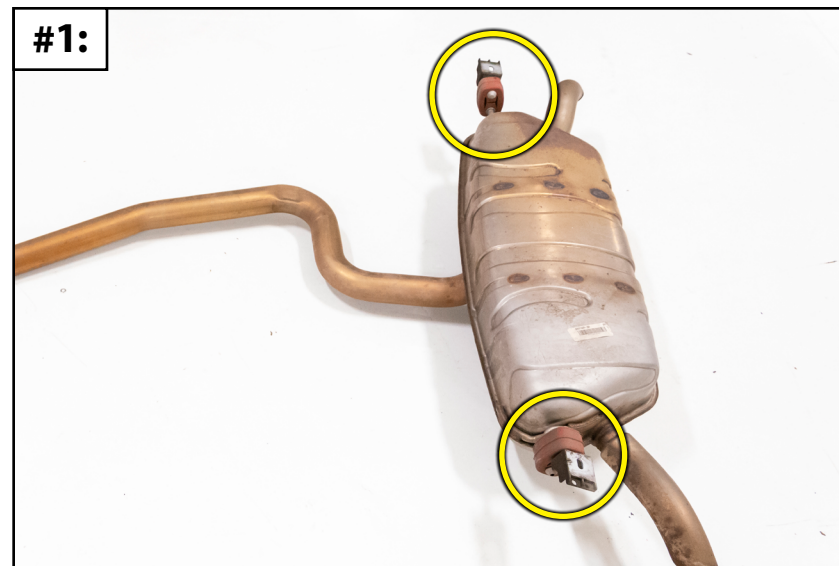
Please note that during this installation, you will be installing the exhaust from front-to-back **WITHOUT** tightening any of the clamps. Once the system is installed, we will then show you how to position the system properly and you will tighten the clamps **AFTER** that is complete. Proceed to the next page once all of the slip joints slide together easily.



INSTALLING THE NEW EXHAUST SYSTEM

Step 2: Exhaust Hanger Removal Pliers

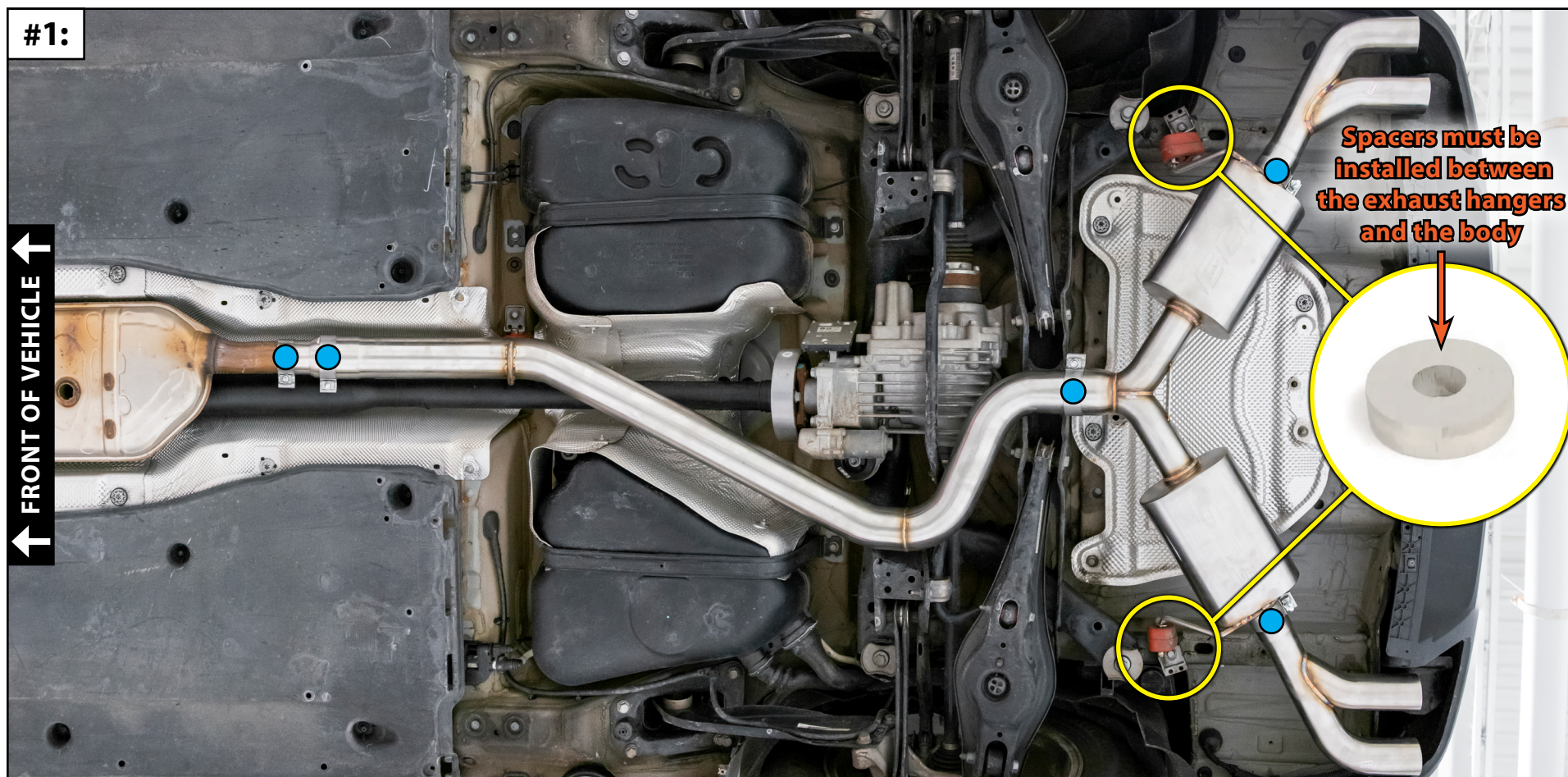
Transfer the exhaust hangers (circled in **YELLOW**) from the stock muffler to the new mufflers. Be sure to orient them exactly as they were before (**Photo #1 & Photo #2**).



INSTALLING THE NEW EXHAUST SYSTEM

Step 3: 13mm & 15mm Sockets, Ratchet

Install the exhaust system in the order shown in **Photo #1** below. Bolt the rear exhaust hangers (circled in **YELLOW**) back into place (using the provided exhaust hanger spacers on quad tip systems) then it's time to adjust the exhaust system for proper fitment. The key to proper adjustment is patience, take your time and snug the clamps (**BLUE** circles) but **DO NOT** fully tighten any of the clamps. Closely inspect the exhaust system from front to back, we need to check for clearance between the pipes and nearby chassis components.



INSTALLING THE NEW EXHAUST SYSTEM

Step 4: 13mm & 15mm Sockets, Ratchet

Check the hangers on the muffler and the tail pipes to ensure that they are sitting level side-to-side (**Photo #1 & Photo #2 below**).

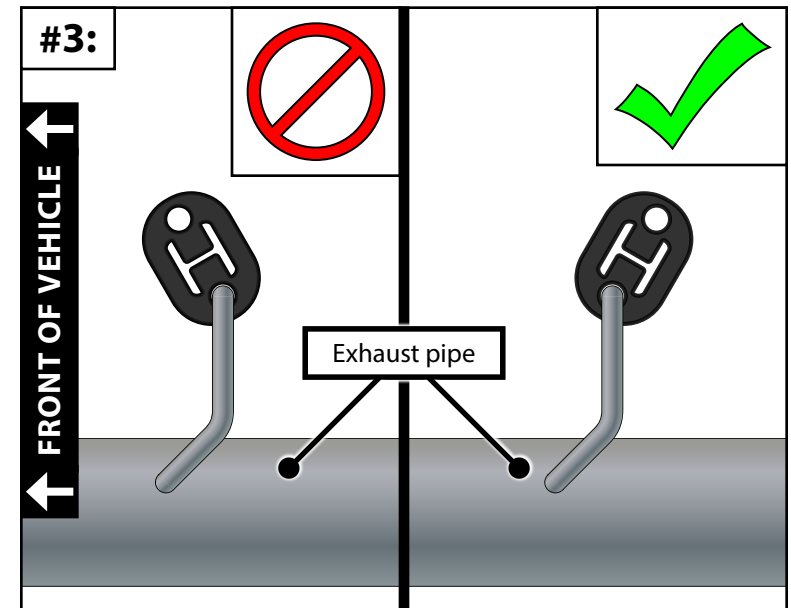
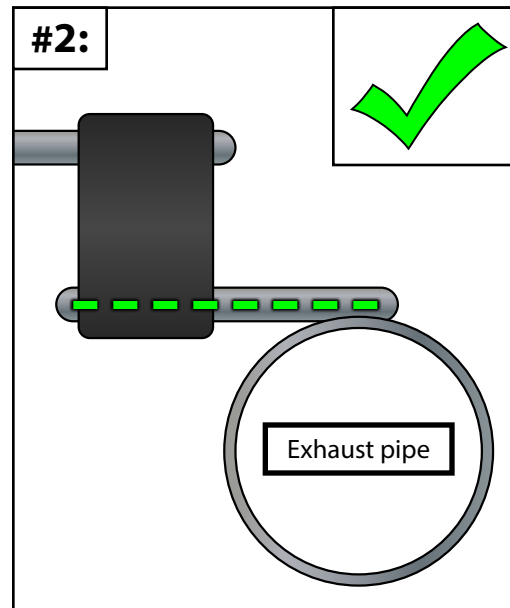
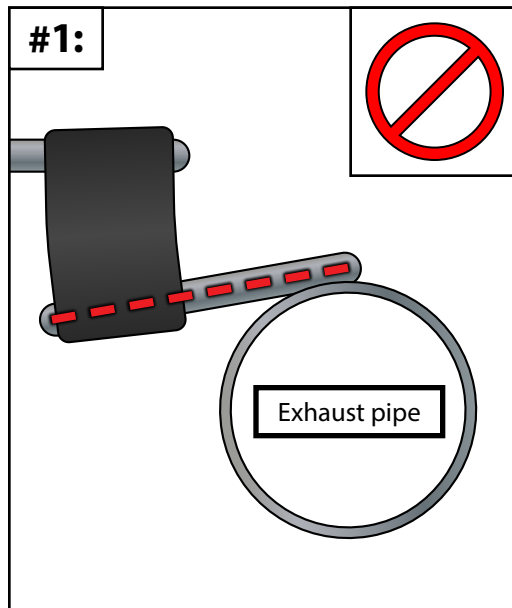
Finally, we want to ensure that the exhaust hangers are rotated at least slightly toward the front of the vehicle (**Photo #3 below**). The exhaust hangers should be inclined toward the front of the vehicle so that lower hole is approximately 10-15mm forward of the upper hole, this will allow the hangers to pivot backwards as the system heats up and expands.



Due to differences in manufacturing, as well as variations from one car to another, you might not be able to get all of your hangers to pitch forward. This is acceptable as long as they are at least close to vertical.



CAUTION: You can tighten the exhaust clamps until they are “snug”, but **DO NOT USE AN IMPACT WRENCH** and do not fully tighten them yet!



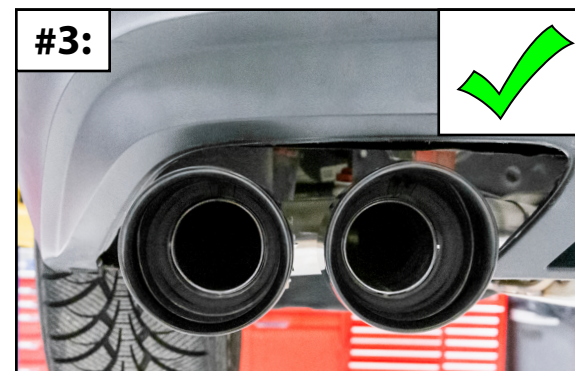
INSTALLING THE NEW EXHAUST SYSTEM

Step 5: 13mm & 15mm Sockets, Ratchet

Quad exit systems only: Inspect the mufflers and ensure that they are sitting level side-to-side as much as possible, then slide the provided exhaust tips (arrows) onto the tail pipes (**Photo #1**). Slide the exhaust tips in our out until your desired depth is achieved (**Photo #2**) then center and level the exhaust tips inside the bumper cut outs (**Photo #3**).



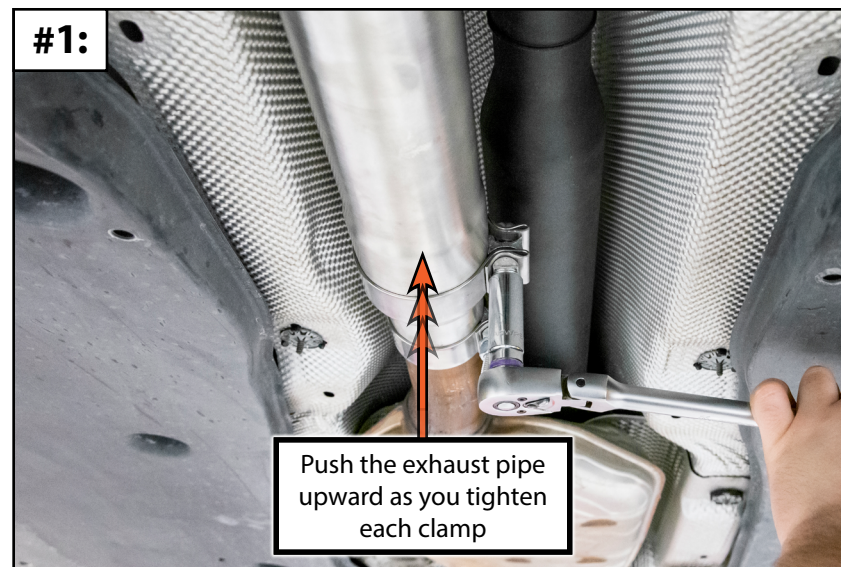
CAUTION: You can tighten the exhaust clamps until they are “snug”, but **DO NOT USE AN IMPACT WRENCH** and do not fully tighten them yet!



13mm & 15mm Sockets, Ratchet & Torque Wrench

Once the system is all adjusted, it's time to fully tighten down the clamps. Starting at the front and moving rearward, push upward on the exhaust system as you fully tighten each clamp (**Photo #1**), then let go and allow the exhaust to settle. Tighten the clamp on the exhaust tip to 19 Nm (14 Ft-lbs). Check again for clearance around all pipes.

- ☐ Wipe any oil, grease, or fingerprints from the exhaust system.
- ☐ Reinstall the chassis cross brace.
- ☐ Recheck all fasteners after the vehicle has been driven 500 miles.



Congratulations, your installation is complete!

Your ECS Exhaust 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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