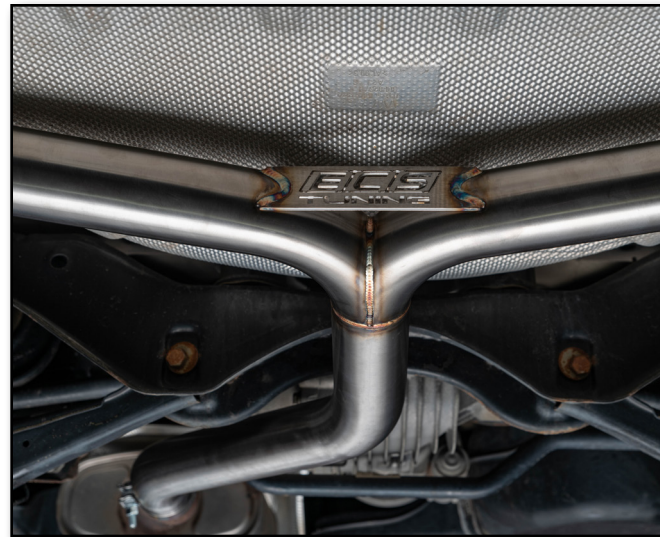




VW Atlas VR6 Muffler Delete Kit
Installation Instructions - [Click HERE to Shop](#)



Skill Level
1 - Easy
Basic Skills
Required

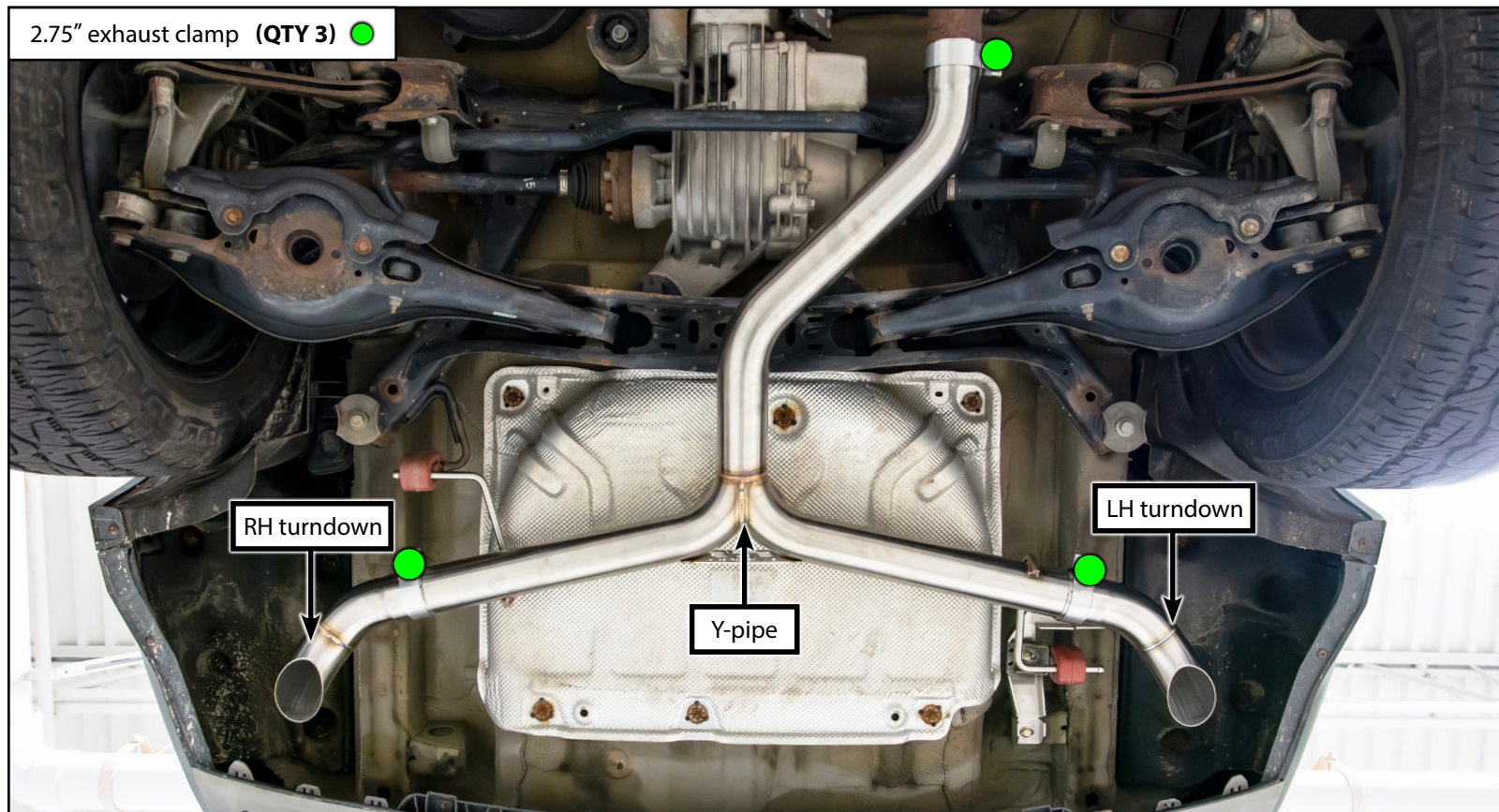


Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times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

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KIT CONTENTS



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 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:

Safely lift and support the vehicle, then support the exhaust system from underneath.

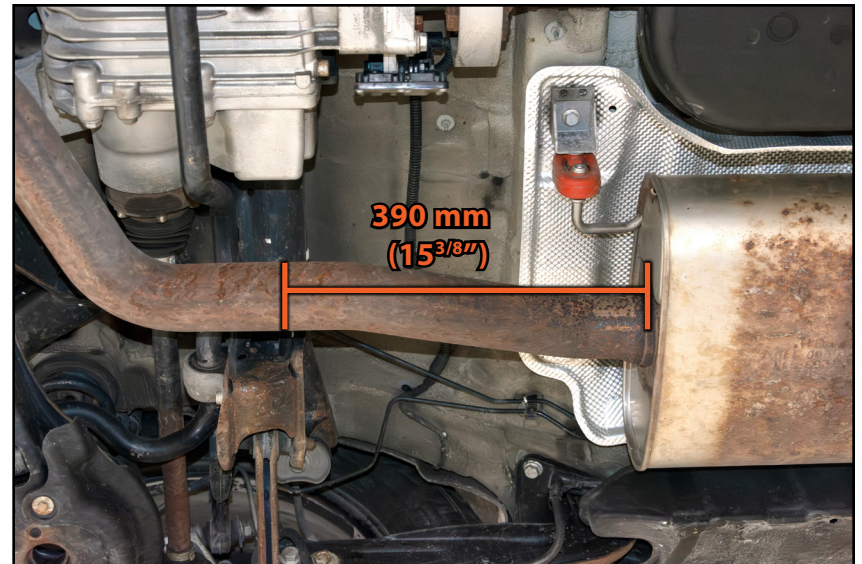


Step 2: Marker - OR - Masking Tape

Measure 390mm (15^{3/8}") downstream from the rear face of the stock resonator, then mark all the way around the pipe.



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!



REMOVING THE STOCK MUFFLER

Step 3: Exhaust Pipe Cutter -or- Reciprocating Saw

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

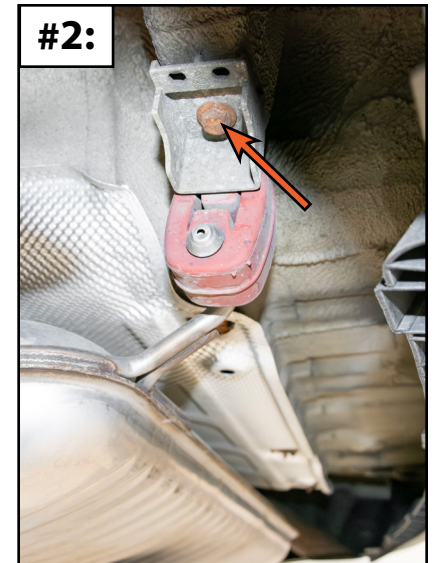
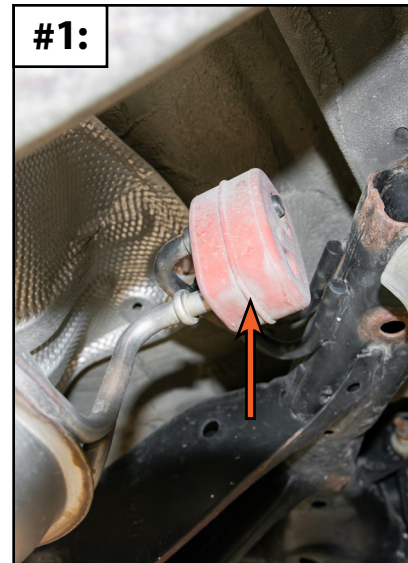


Installing a 2.75" sleeve clamp will allow you to reinstall your stock muffler if desired.



Step 4: 13mm Socket, Ratchet & Exhaust Hanger Pliers

Release the RH exhaust hanger (arrow in **Photo #1**) from the muffler, then unbolt the LH exhaust hanger (arrow in **Photo #2**) from the vehicle and carefully remove the muffler from the vehicle.



REMOVING THE STOCK MUFFLER

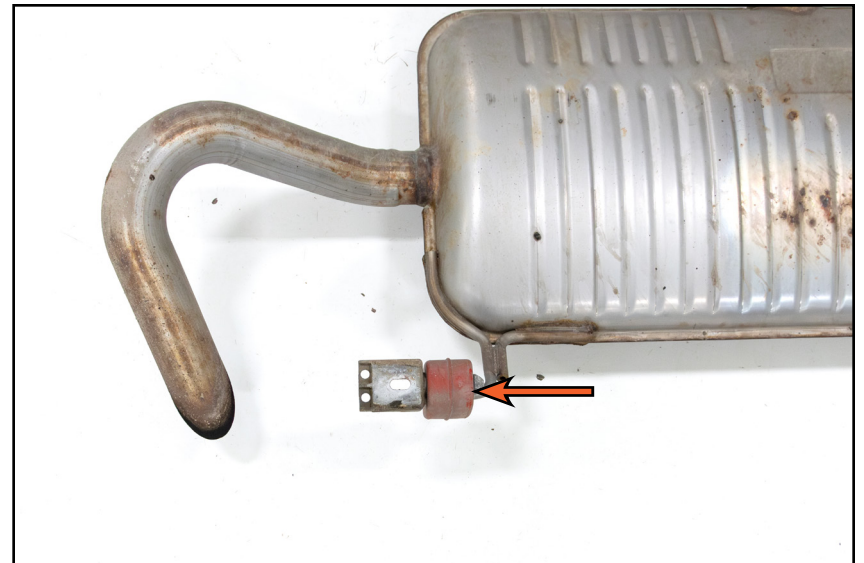
Step 5: Metal File - OR - Die Grinder

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 6: Exhaust Hanger Pliers

Remove the LH muffler hanger (arrow) from the stock muffler.



INSTALLING THE MUFFLER DELETE KIT

Step 1:

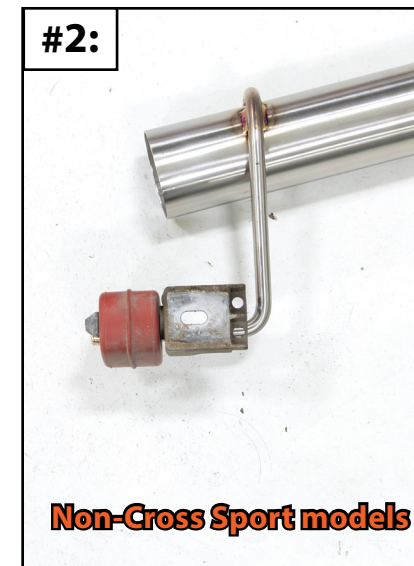
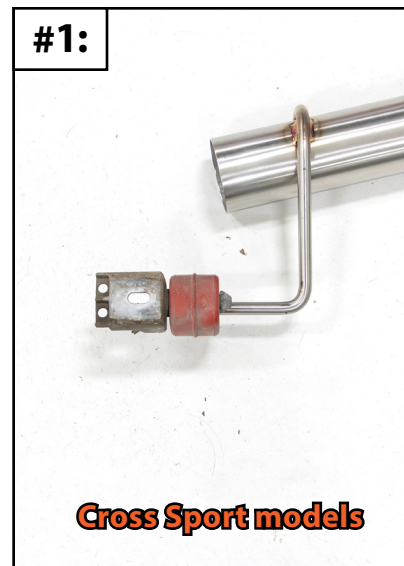
Transfer the LH muffler hanger from the stock muffler to the Y-pipe as shown.

Cross Sport models: Orient the muffler hanger exactly as it was before (**Photo #1**).

Non-Cross Sport models: The LH muffler hanger should be installed in the **opposite** direction as before (**Photo #2**).



Cross Sport models ONLY: Skip ahead to step 4.



Step 2: Drill, 13.5mm Drill Bit, & Riv-Nut Installation Tool

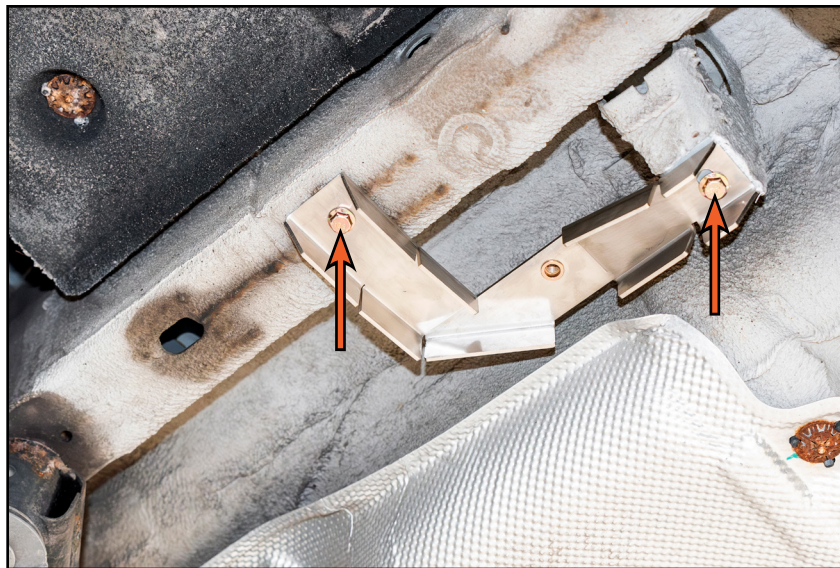
Non-Cross Sport models ONLY: Locate the hole (circled in **YELLOW**) just forward of the LH OE muffler hanger mounting location, drill it out with a 13.5mm (17/32") drill bit, then install the provided riv-nut into the hole as shown.



INSTALLING THE MUFFLER DELETE KIT

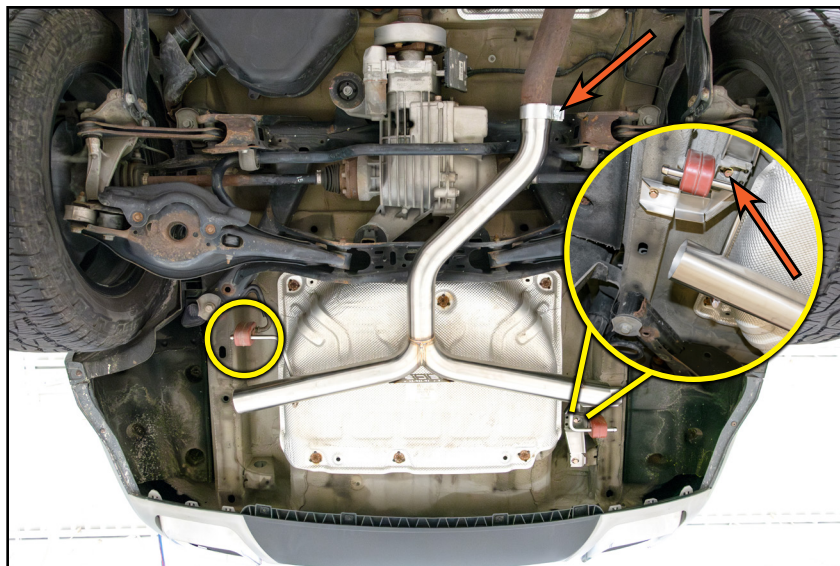
Step 3: 13mm Socket & Ratchet

Non-Cross Sport models ONLY: Install the provided hanger relocation bracket between the LH OE muffler hanger mounting location and the new riv-nut and secure it in place with the provided M8 x 20mm bolts (arrows).



Step 4: 13mm Socket, 15mm Socket & Ratchet

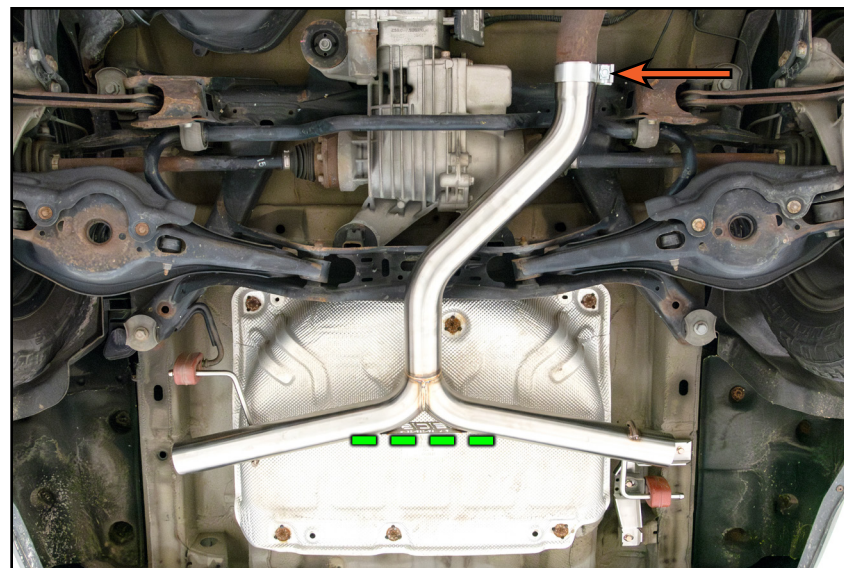
Slide the 2.75" clamp (arrow) over the end of the Y-pipe and slide it onto the stock exhaust. Connect the RH exhaust hanger (circled in **YELLOW**) to the Y-pipe, then install the bolt (arrow in inset photo) to secure the LH exhaust hanger.



INSTALLING THE MUFFLER DELETE KIT

Step 3: 15mm Socket & Ratchet

Adjust the Y-pipe until it is level side-to-side, then tighten the clamp (arrow) until snug.



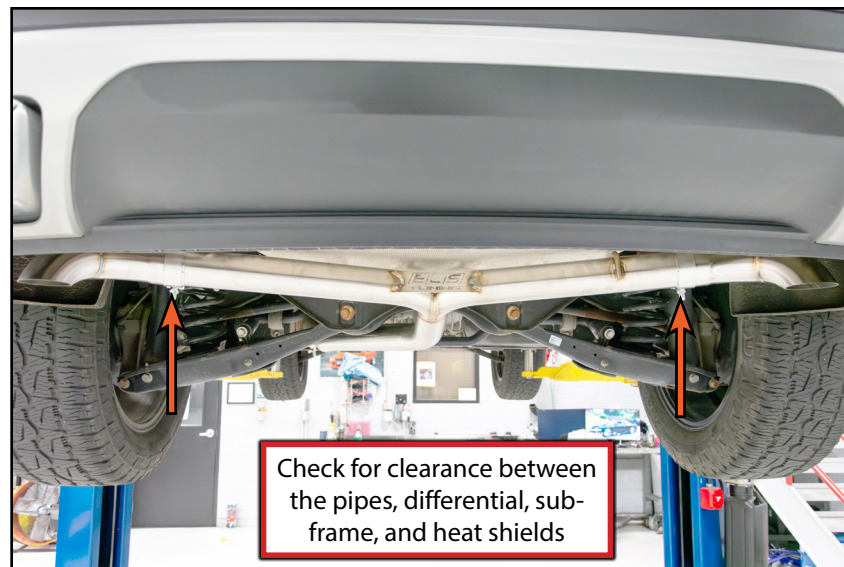
Step 4: 15mm Socket & Ratchet

Install the turndowns onto the Y-pipe, then rotate each turndown until they face toward the ground, and tighten the clamps (arrows) until fully snug.

Wipe any oil, grease, or fingerprints from the exhaust system.

Recheck all fasteners after the vehicle has been driven 500 miles.

Congratulations, your installation is complete!



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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