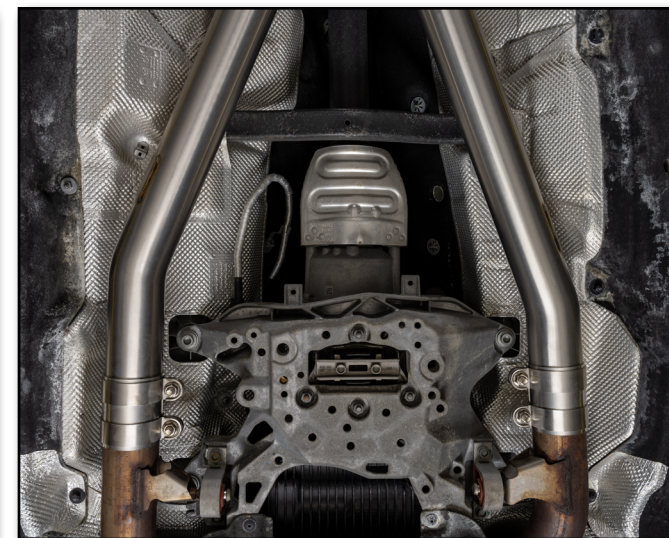
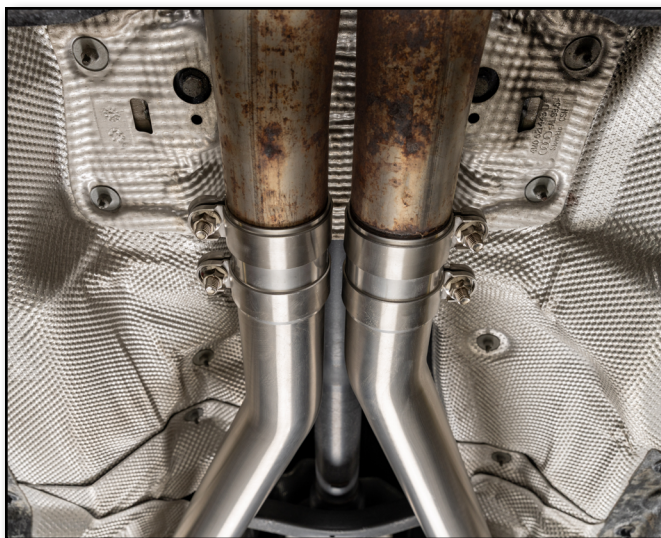




Audi 4M SQ7 Resonator Delete Kit
Installation Instructions - [Click HERE to Shop](#)



Skill Level
2 - Moderate
Some Experience
Recommended



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

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 Cutter Tool**.....[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.



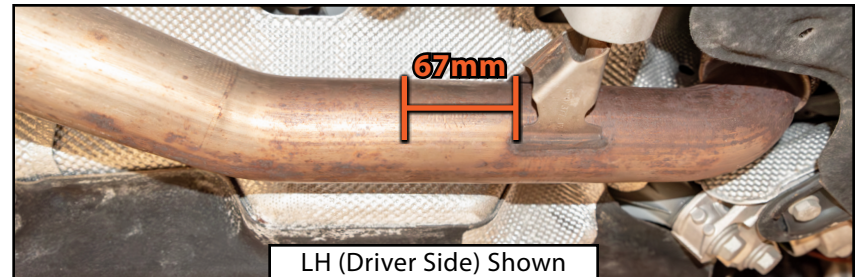
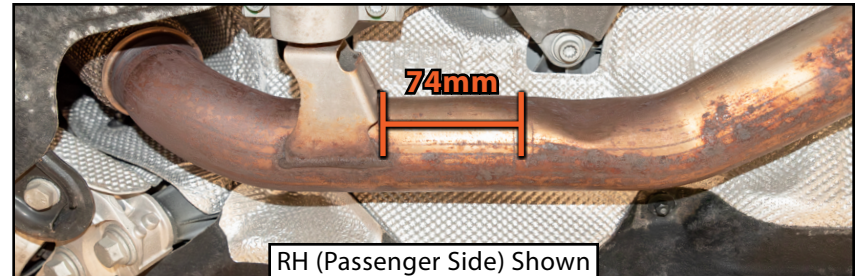
NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK RESONATORS

Step 1: Measuring Tape, Marker -OR- Masking Tape

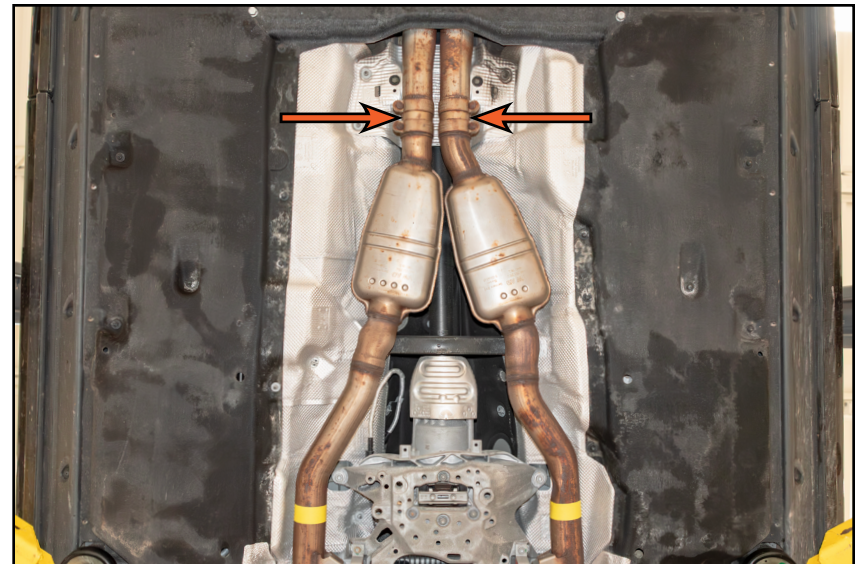
Measure 74mm downstream from the rear face of the RH downpipe hanger bracket where it meets the downpipe and make a mark all the way around the pipe at this point.

Measure 67mm downstream from the rear face of the LH downpipe hanger bracket where it meets the downpipe and make a mark all the way around the pipe at this point.



Step 2: 13mm Socket & Ratchet

Support the downpipes from below, then loosen the clamps (arrows) that secure the downpipes to the exhaust system and slide them rearward onto the exhaust pipes.



REMOVING THE STOCK RESONATORS

Step 3: Exhaust Pipe Cutter Tool, Metal File

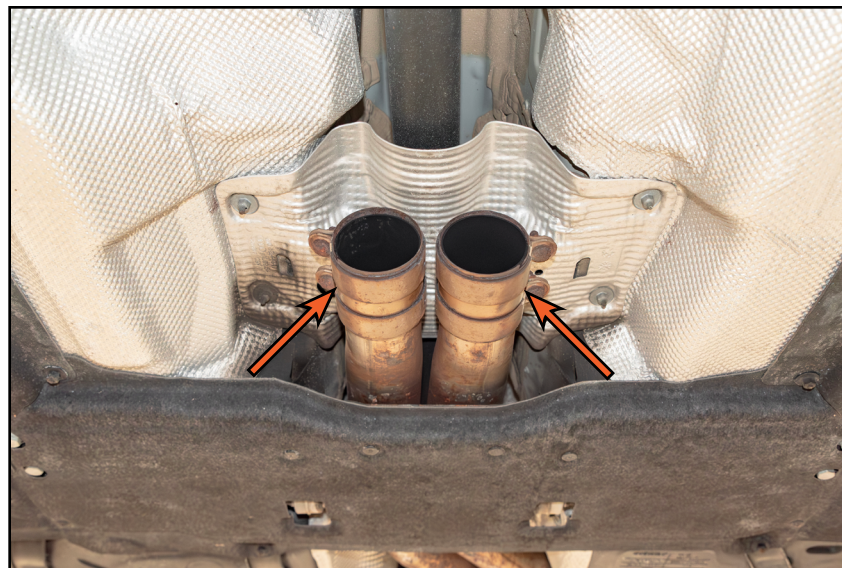
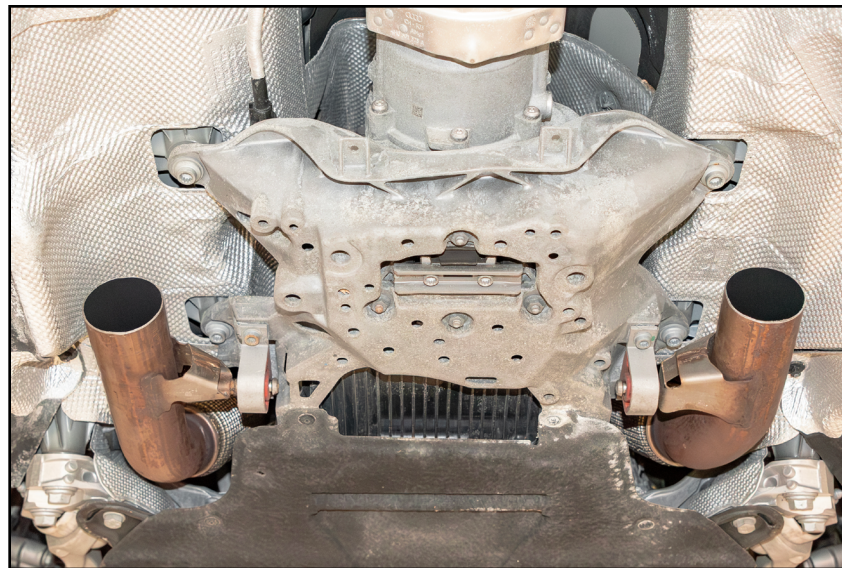


It is ***absolutely imperative*** that you take your time here and double or triple check your marks before you cut anything. There is no turning back once the pipes have been cut, so measure twice, cut once!

Cut along the lines we made in the previous steps, being sure to cut as straight as possible until you cut all the way through each pipe, then remove the resonators from the vehicle. Remove any burrs from the exhaust pipes, this will ensure a proper fit and seal once the new pipes are installed.

Step 4:

Remove the clamps (arrows) from the exhaust system.



INSTALLING THE RESONATOR DELETE KIT

Step 1:

Slide the provided sleeve clamps onto the resonator delete pipes as shown.

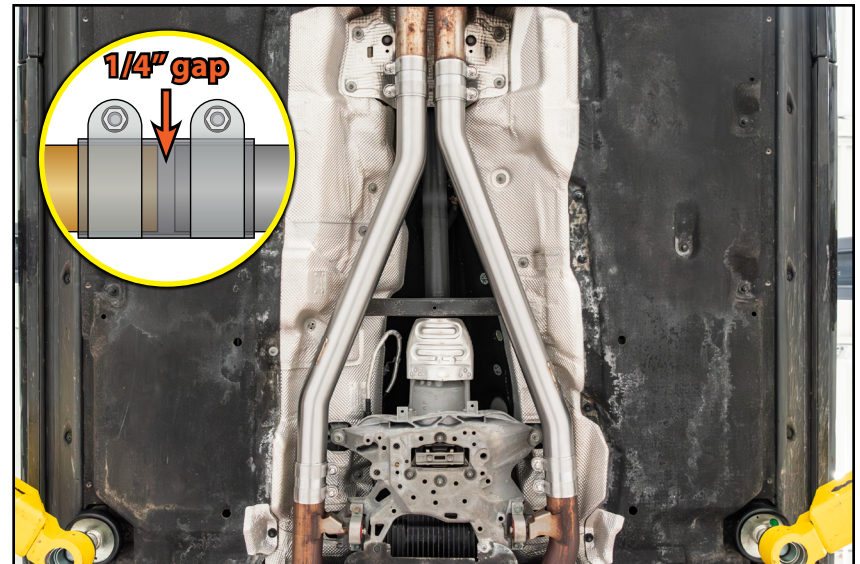


The resonator delete pipes are side specific, the ECS logo tags should face towards the front of the vehicle and be right side up.



Step 2: 15mm Socket & Ratchet

Lift the new resonator delete pipes into place and slide the sleeve clamps onto the stock exhaust pipes as shown. Center the sleeve clamps between the stock pipes and the new pipes, then push the stock exhaust system forward, leaving a 1/4" gap (as shown in inset photo) before fully tightening the clamps.



Congratulations, your installation is complete!

Your Resonator 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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