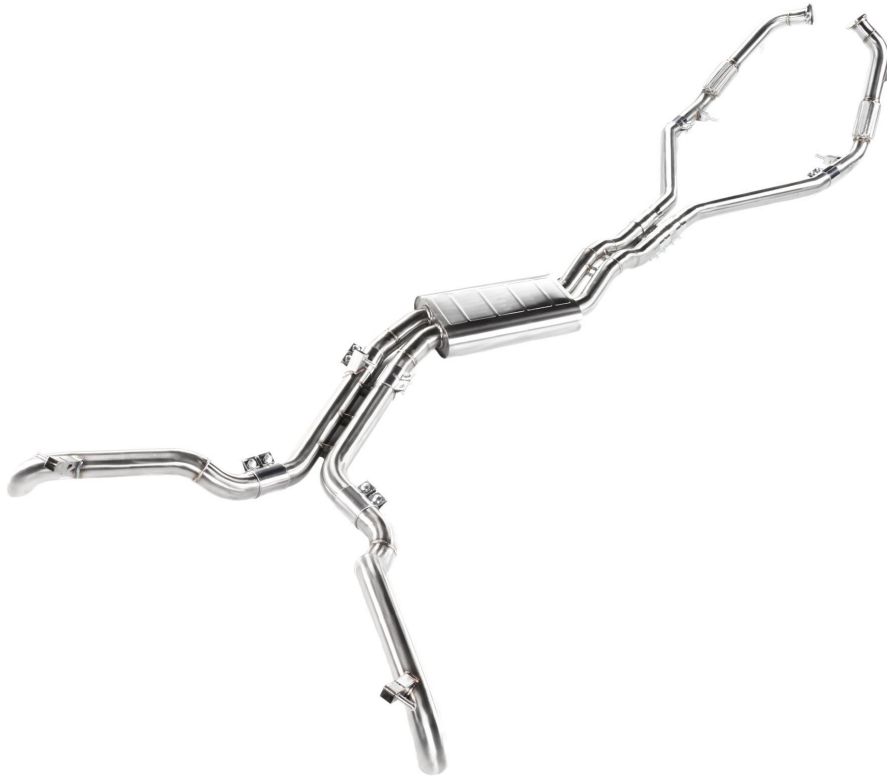




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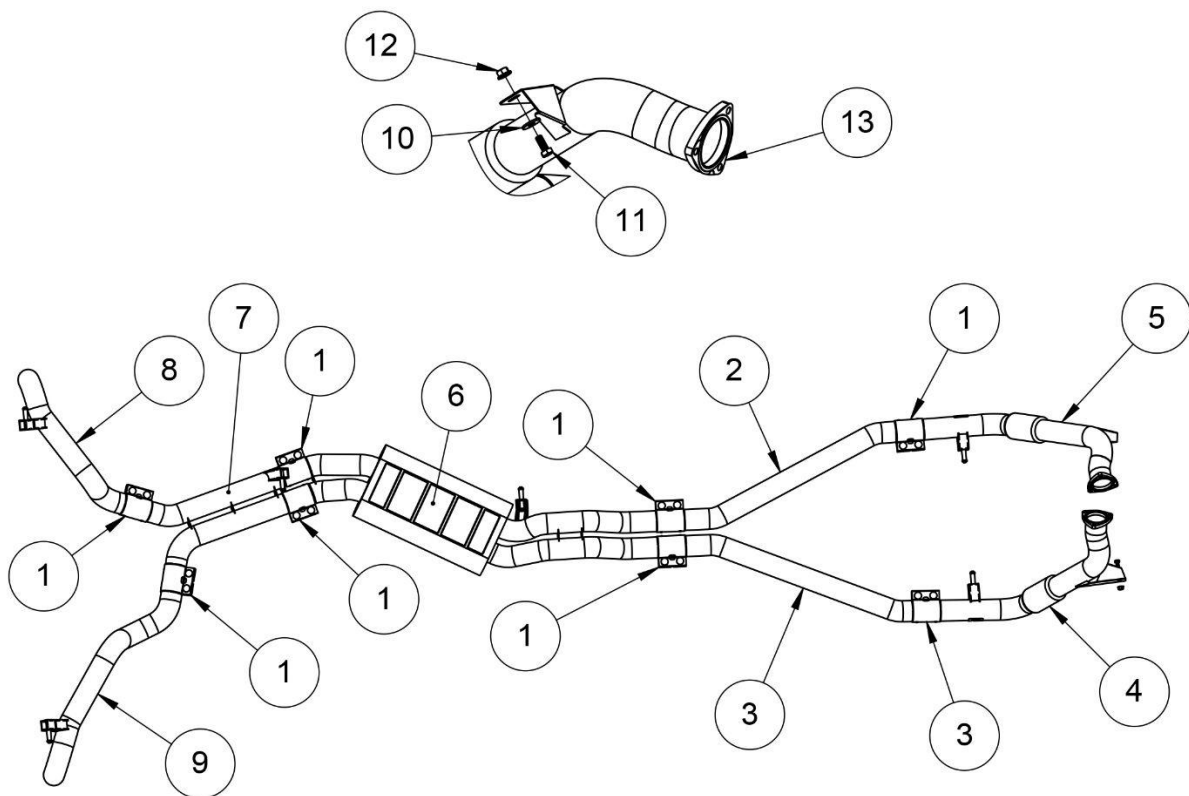
**Integrated Engineering Audi B9 SQ5 Catback Exhaust Install Guide**  
**IE Part Numbers: IEEXCZ1**

Thank you for purchasing another high-quality Integrated Engineering product! This instruction guide is used for the installation of Integrated Engineering's Audi B9 SQ5 catback exhaust. This kit needs to be installed by a professional or an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.



Before you begin, open your IE Intake and inspect all components, and verify quantities.  
Some items may be partially assembled.

ITEM NO.	DESCRIPTION	QTY.
1	2.5" OEM STYLE BUTT CLAMP	8
2	DRIVER-MID PIPES	2
3	PASS-MID PIPES	2
4	PASS-MID PIPES	2
5	DRIVER-MID PIPES	2
6	CATBACK RESONATOR	1
7	CATBACK Y-PIPE	1
8	DRIVER SIDE TURNDOWN	1
9	PASS. TURNDOWN	1
10	18-8 SS M8 WASHER, 8.4MM ID, 24MM OD	2
11	18-8 SS M8 - 1.25MM X 20MM LONG	2
12	18-8 SS SERRATED FLANGE LOCKNUT, M8 X 1.25MM	2
13	AUDI OEM GASKET	2



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**B9/9.5 SQ5  
CATBACK**

**IEEXCZ1**



## TOOLS REQUIRED

- Socket Wrench, 3" Long extension (Or combo of extensions)
- Extensions
- T25 socket
- 10mm Socket
- 12mm Socket
- 16mm Socket
- 13mm Socket
- 7/8 or 22mm wrench
- Trim removal tool
- Triple Square #10 Socket
- Pry bar, Large Flat Head Screwdriver, or Exhaust hanger press tool
- Extra set of hands to support muffler or Jack.

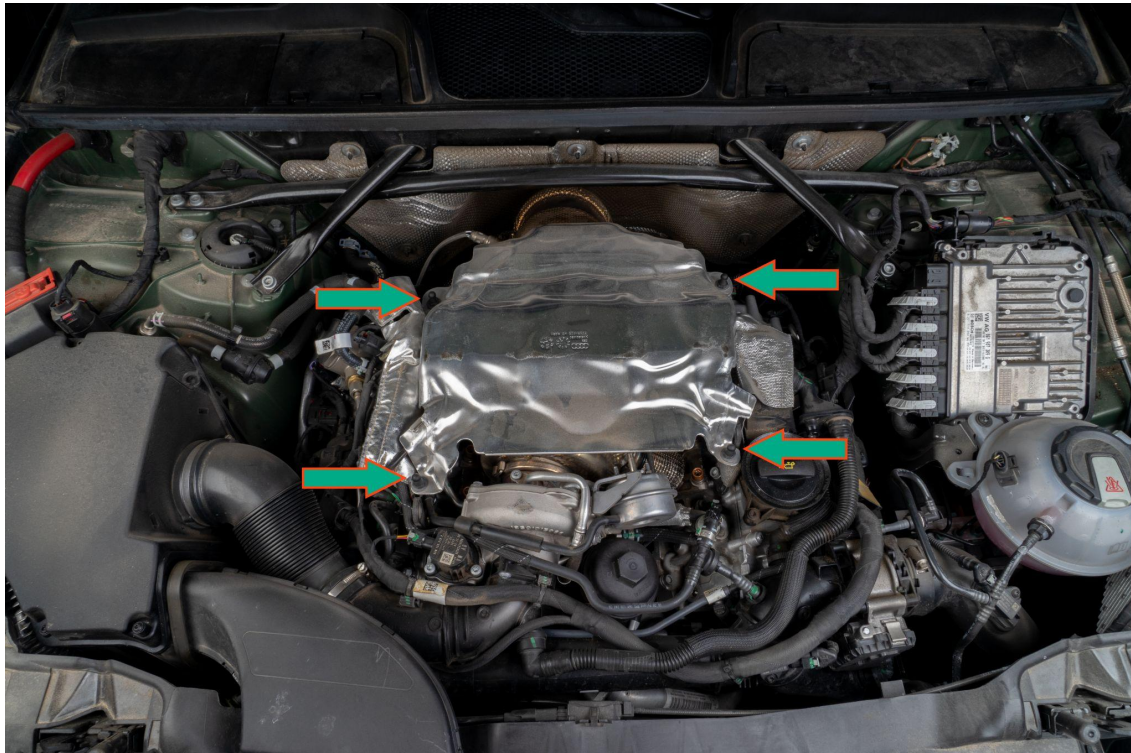
Before you begin, park your vehicle in a safe and level location. Allow plenty of time for the engine bay to completely cool before beginning the installation procedure. Prepare your work space and locate the required tools listed above before starting.

IE recommends pre-reading the entire installation guide ahead of your install to both prepare yourself for each step and to make sure you don't have any questions before beginning. If you have any questions or need clarification, please contact our helpful support team specialists at [support@performancebyie.com](mailto:support@performancebyie.com)

Begin by removing the engine cover by pulling straight up off the mounting tabs located on each corner.

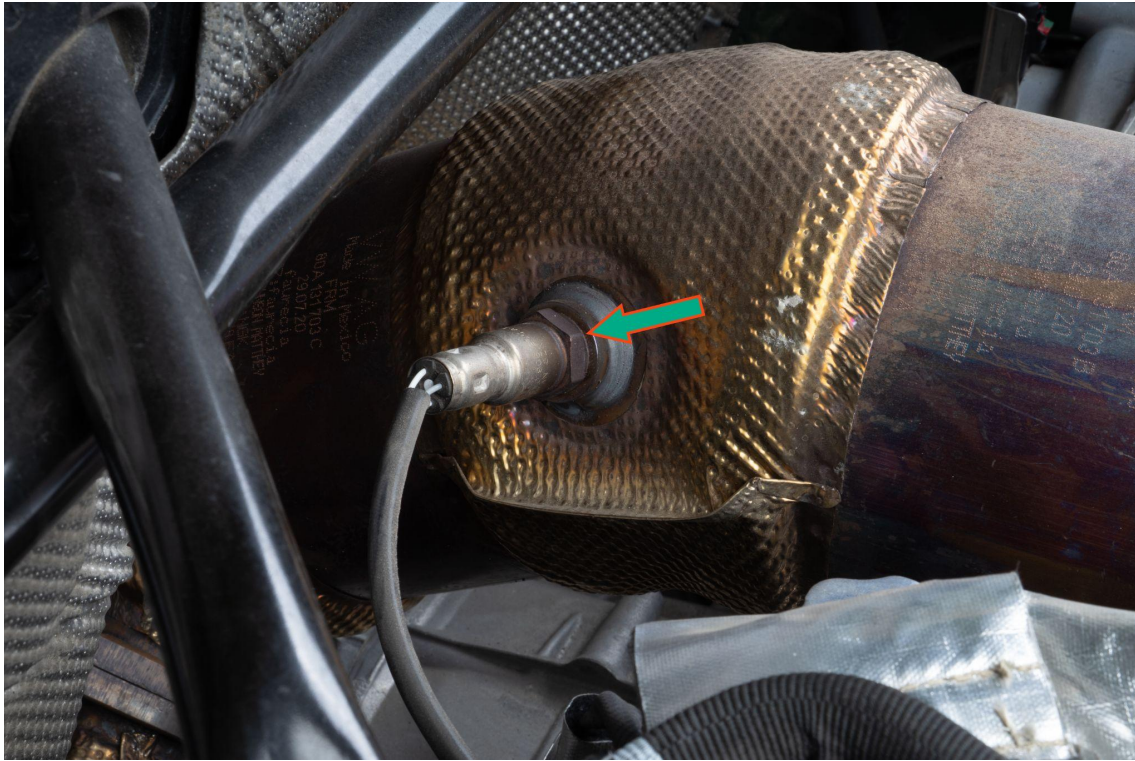


Remove four 13mm Engine Cover Mounts then remove Heat Shield from Engine Bay

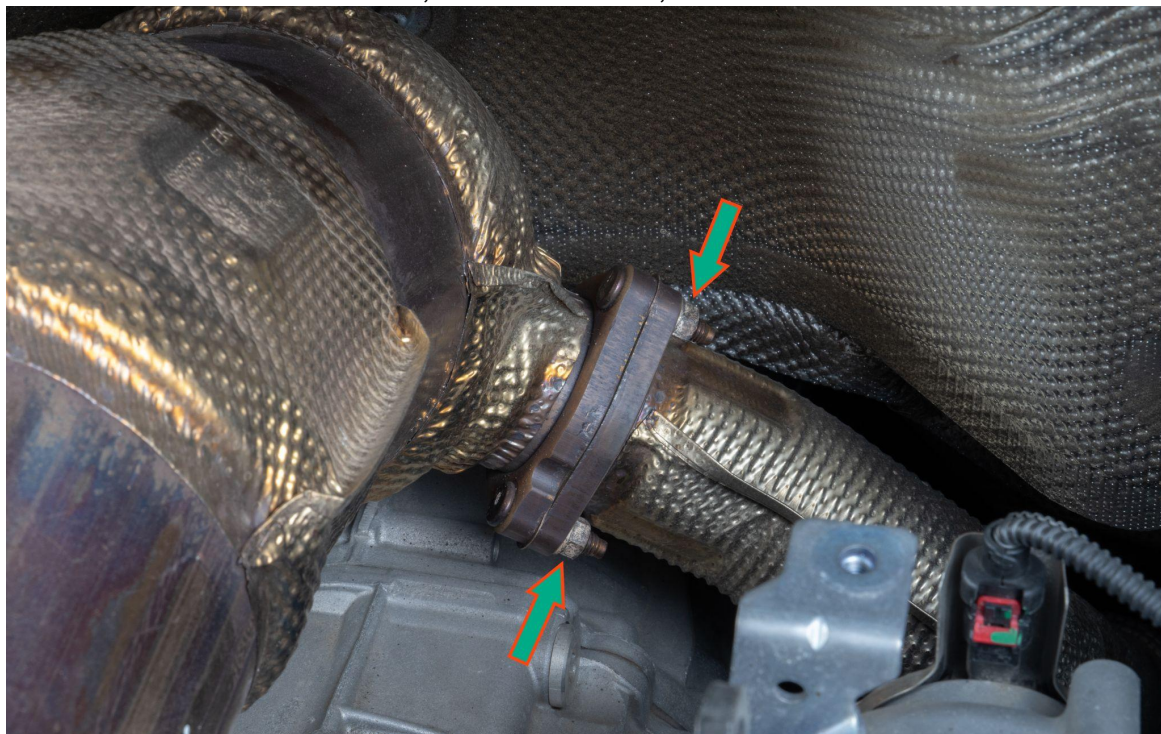




Remove the rear o2 sensor using either a 7/8 or 22mm wrench

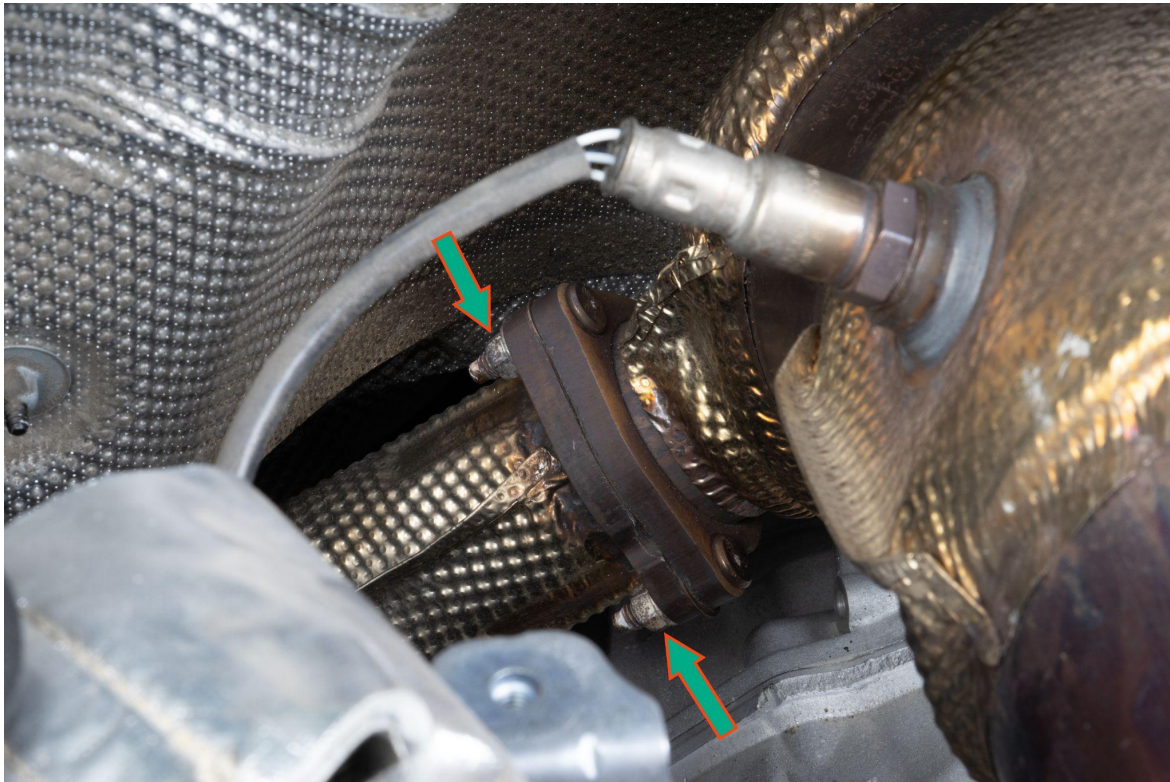


Remove six (Three on each side) 12mm nuts that connect the downpipe to the midpipes. The two nuts in the back can be very difficult to gain access to, and remove. A long extension applied from underneath the vehicle is usually easiest or you will need to be creative with extensions, wobble sockets, and wrenches.

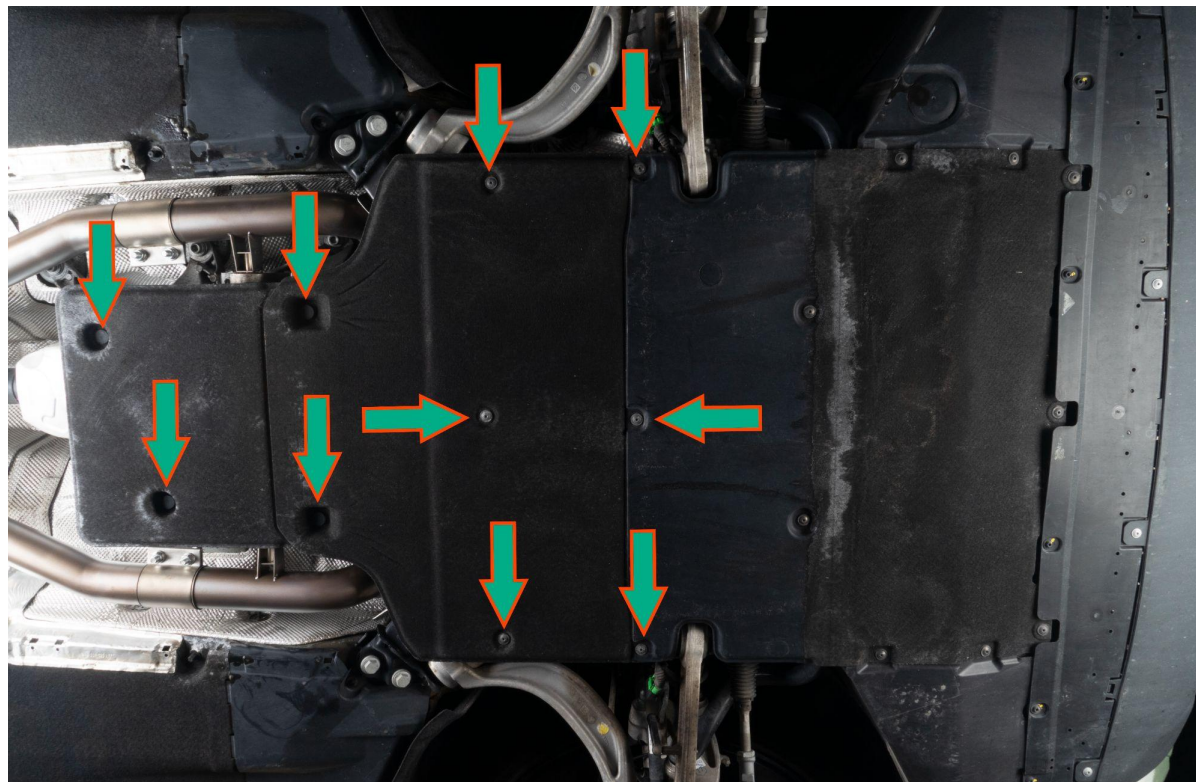




(Pictured below is the passenger side of the downpipe)

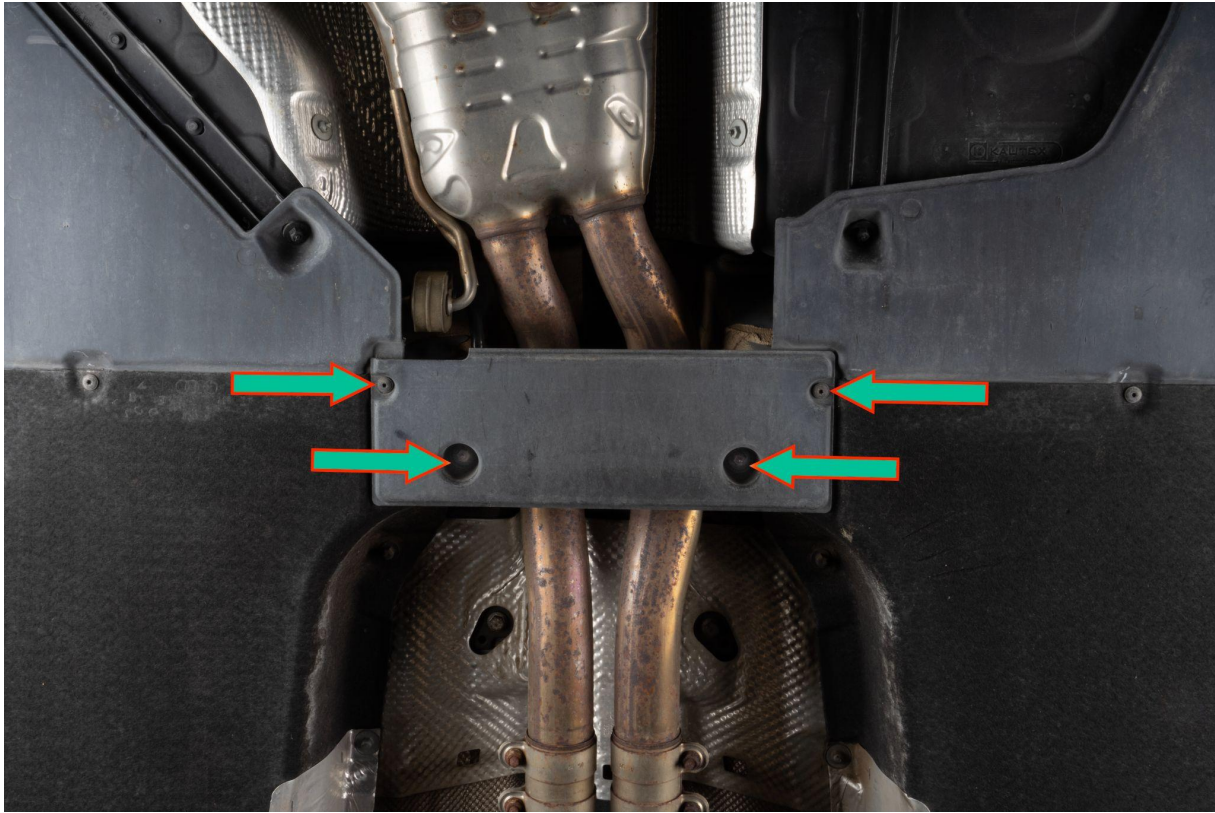


Remove the underbelly pan by removing six T25 screws, and four press fit retainers by using a trim removal tool.





Remove the two T25 screws and two 10mm nuts from the center support cover

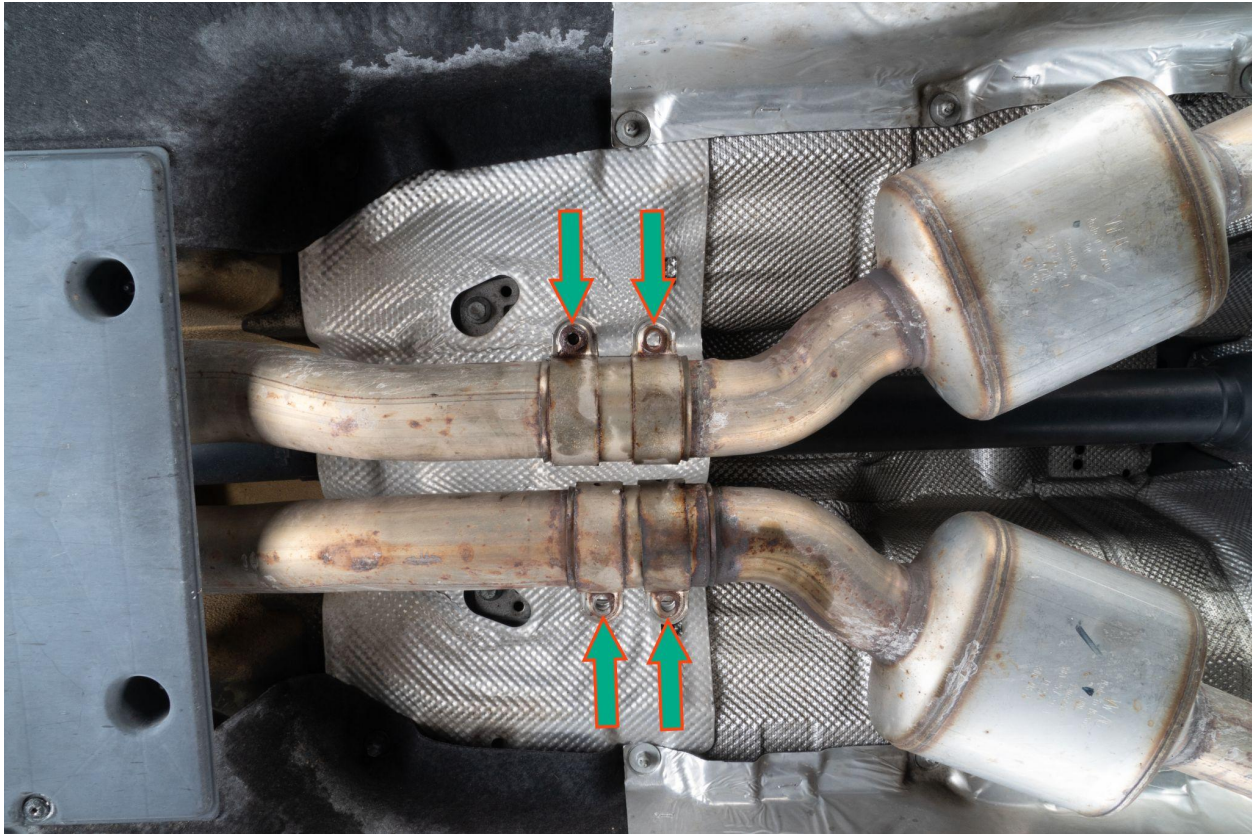


Remove Three T25 screws, Four 10mm nuts including two located on the inside of the exhaust tunnel, and two 8mm nuts to lower the undercarriage cover enough to remove center support. Repeat on the other side.

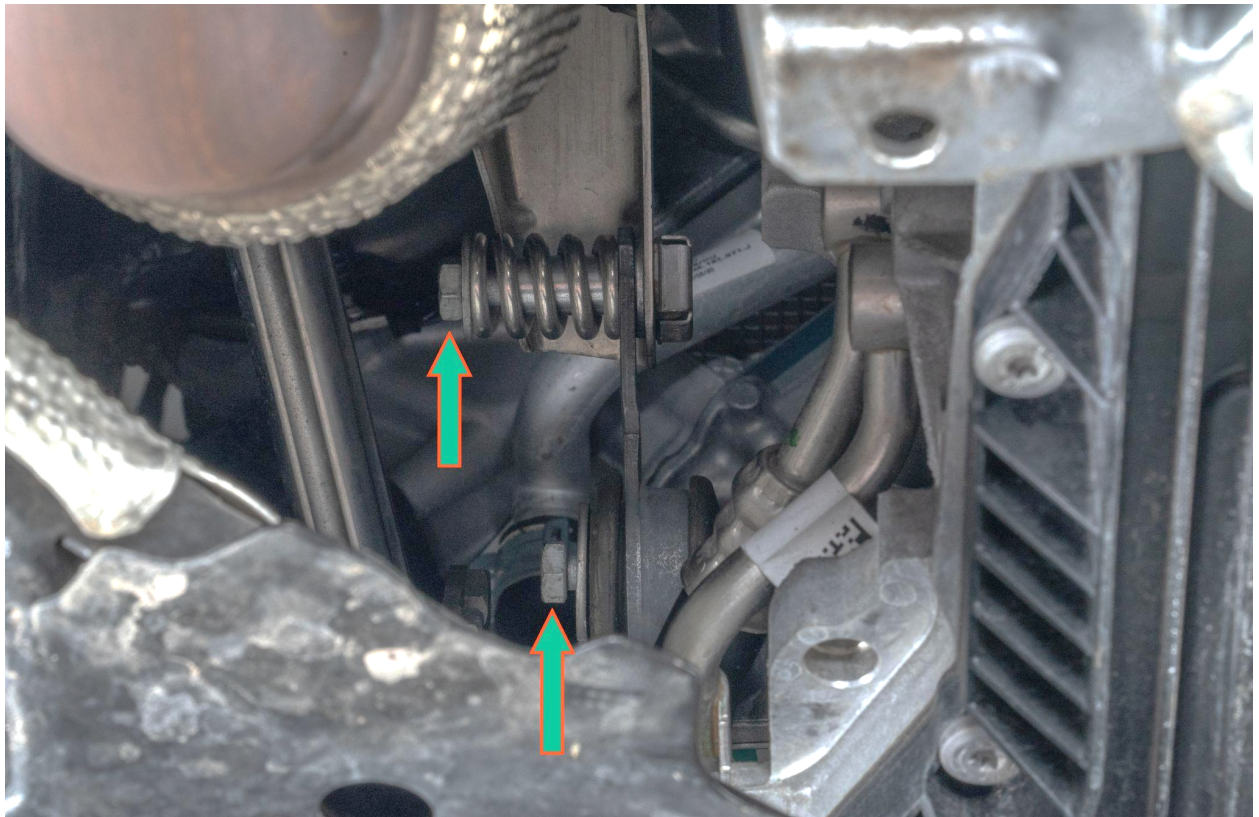




Use a 13mm socket to loosen exhaust clamps on the rear portion of the OEM Midpipes.

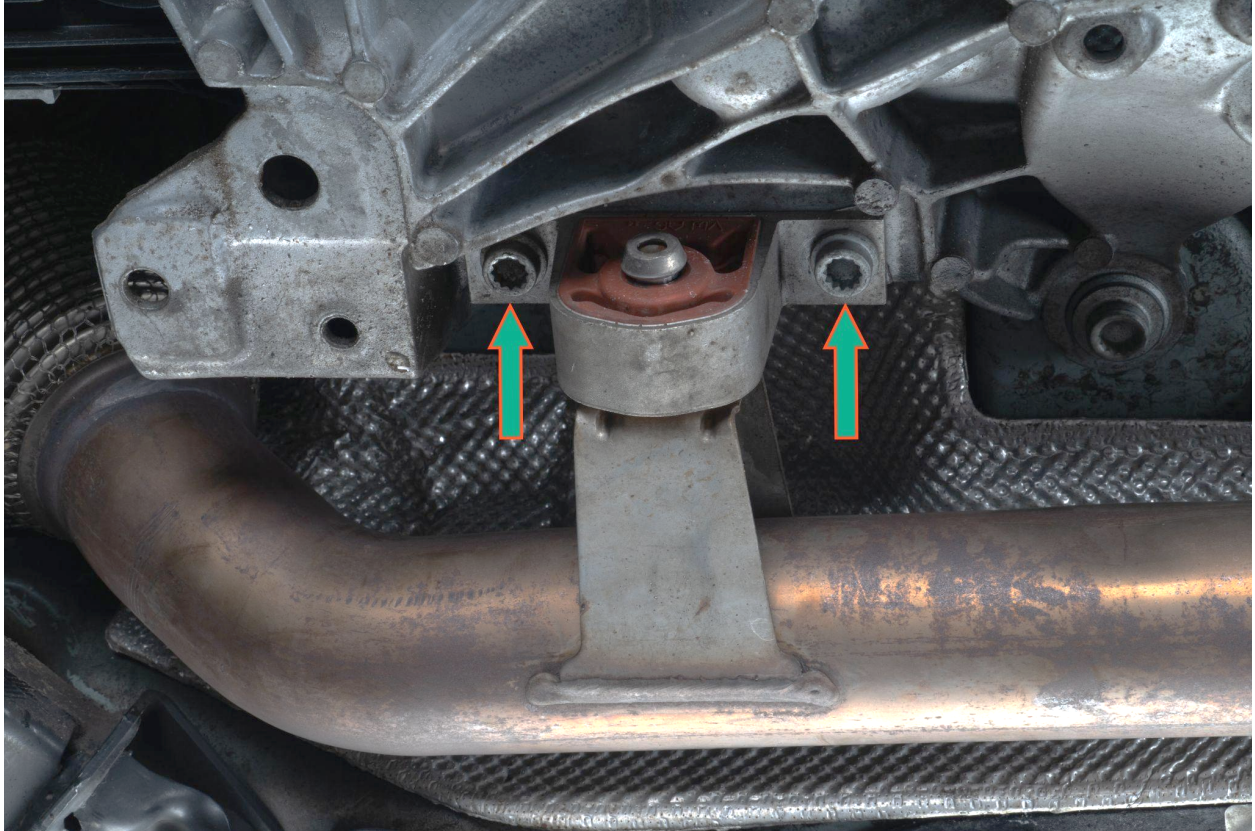


Remove Four 13mm Midpipe Hanger bolts and hangers located on the inside of the forward portion of the Midpipes on each side.





Using a #10 Triple square driver, remove the two bolts that fasten the exhaust hanger to the body on each side.

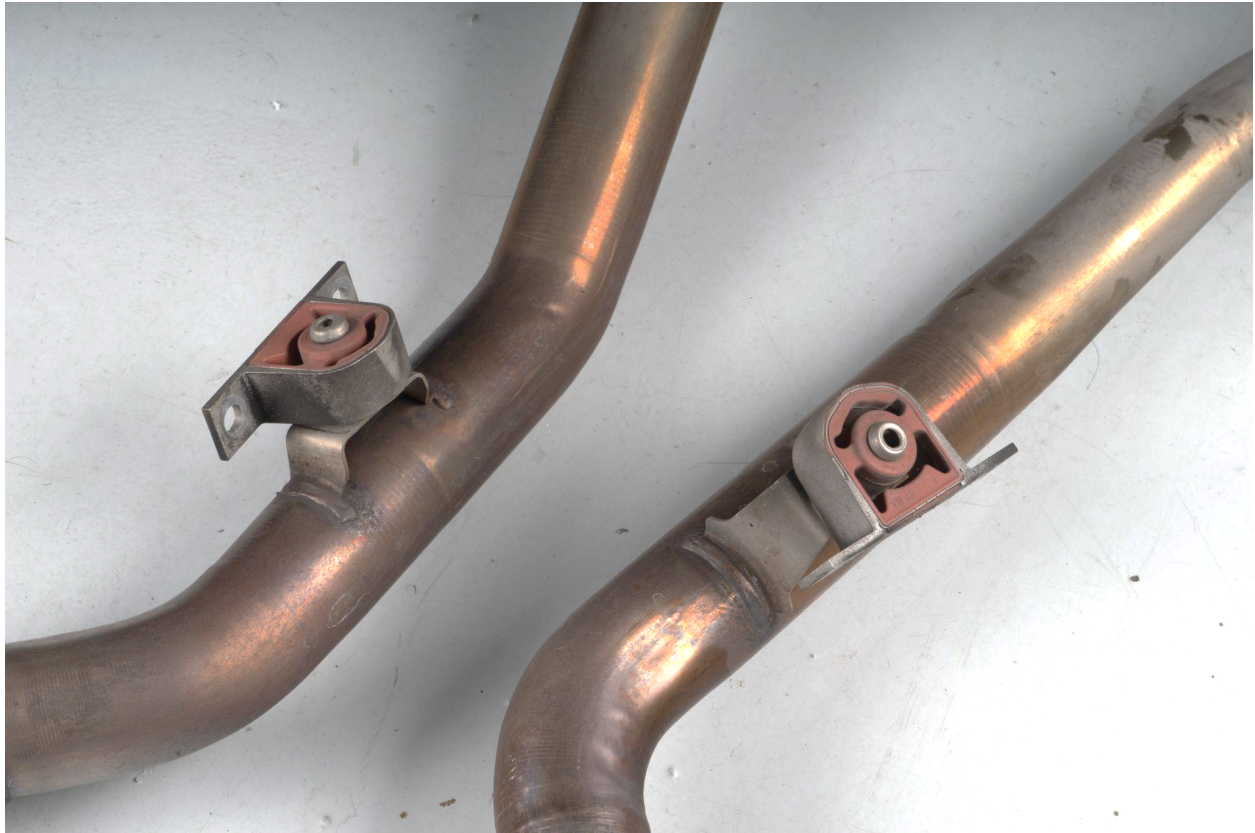


Remove the OEM Midpipes by pulling out the bottom.

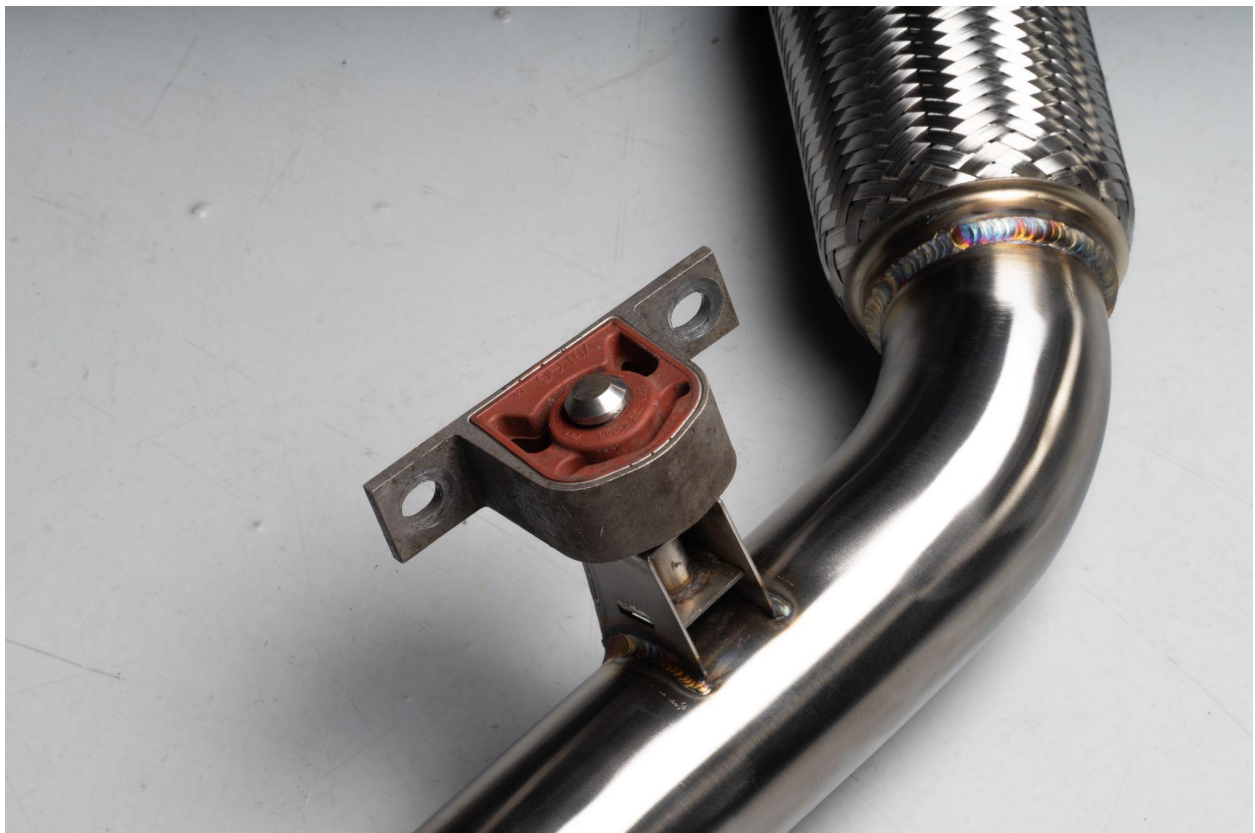




Remove the exhaust hangers from OEM Midpipe by using an exhaust hanger removal tool or pry off with pry bar



Reinstall exhaust hangers onto IE Midpipes. A small spray of lubrication can make this step easier





Place the downpipe to midpipe gaskets on the studs of the OE downpipe.



Raise front section of midpipe into engine bay then loosely fit exhaust hanger bolts and downpipe nuts.

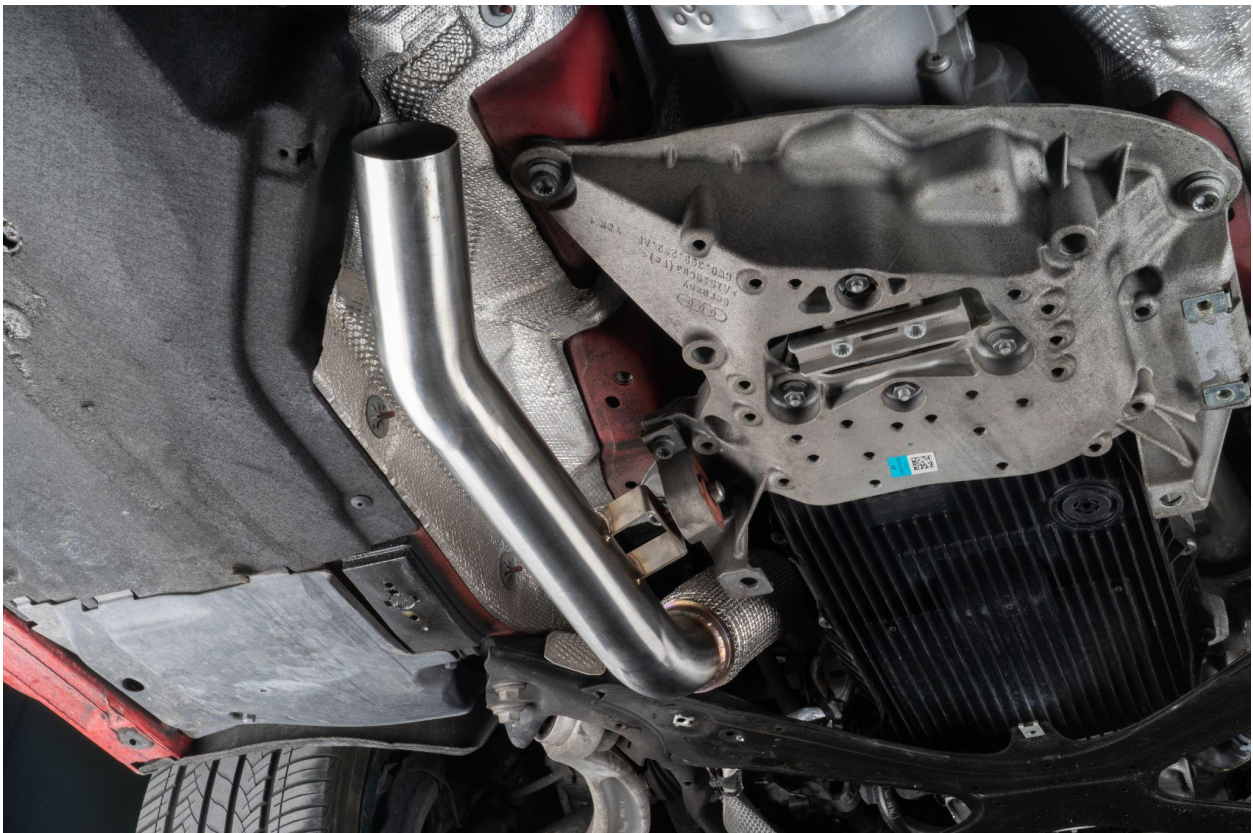




(Pictured below are the loosely fitted exhaust hanger bolts)

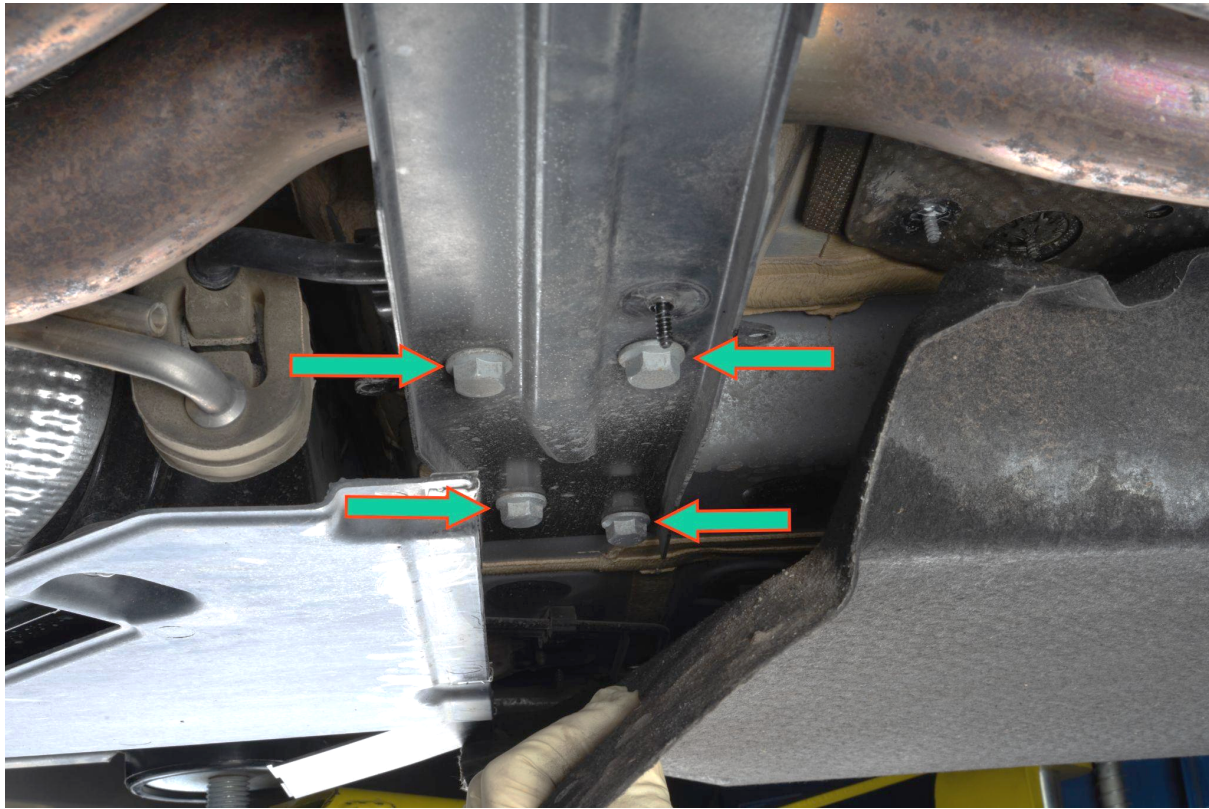


Also loosely install the two hanger triple square bolts so the front midpipe section can hang freely.





Pull down the underbody covering located near the center support, then remove eight 16mm bolts (4 Per side) that secure the center support. Start with the outer bolts.



Pull down cover on one side and remove center brace

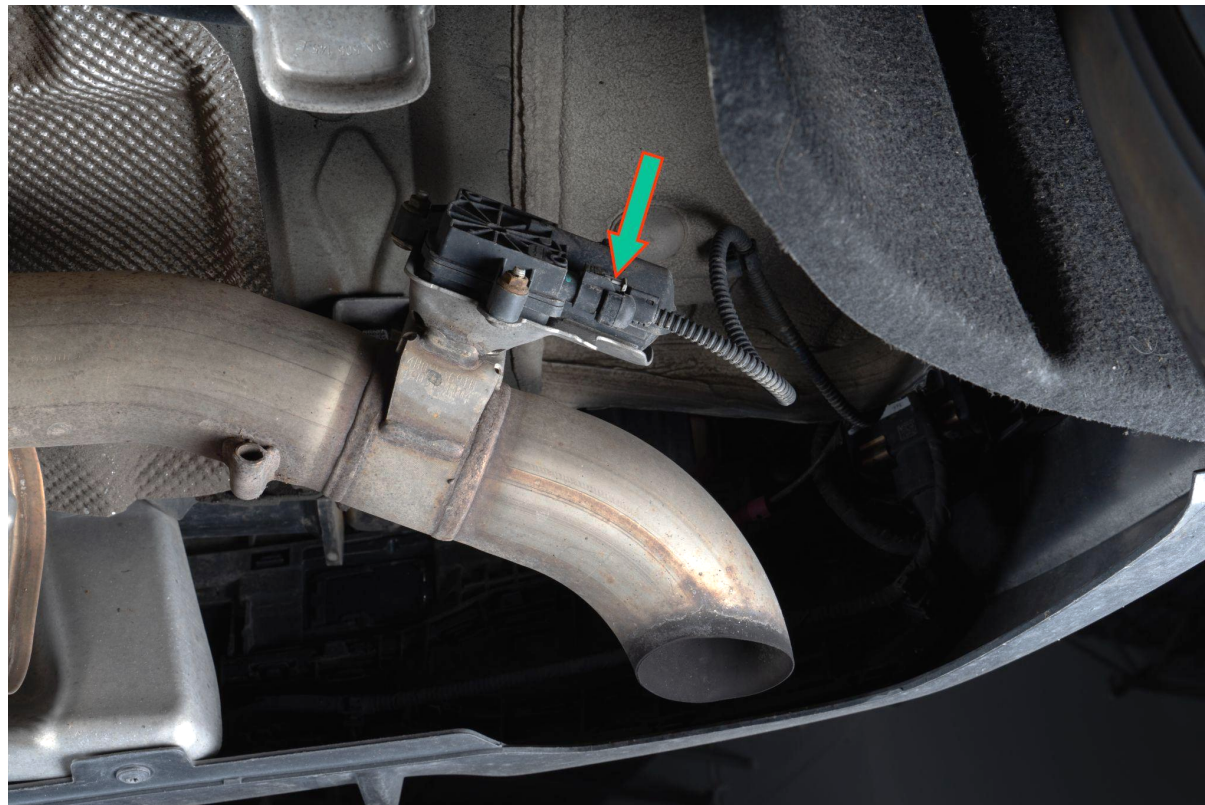




Remove the center exhaust hanger from the exhaust



Remove the muffler valve connector by sliding the gray clip back then pressing down and pulling straight away.

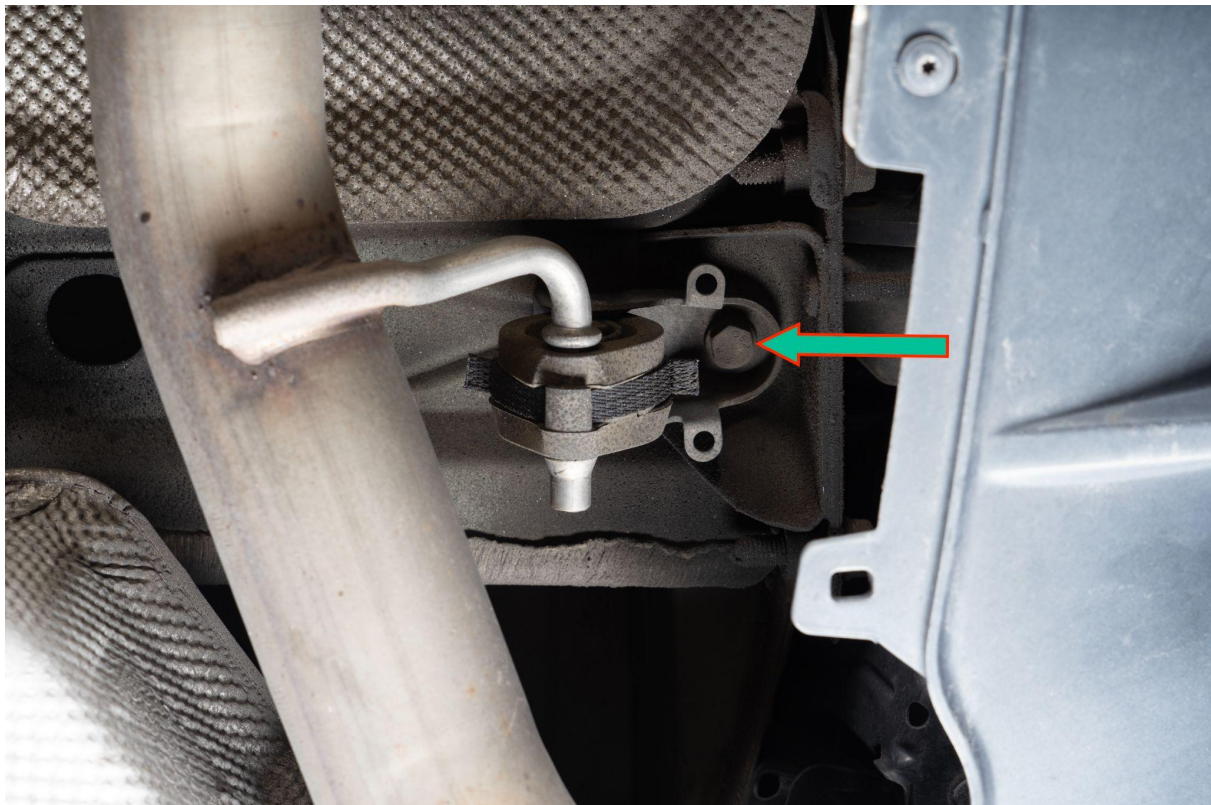




Support the muffler with either help from a friend or a transmission jack



Remove two (one per side) 13mm bolts that secure the muffler to the body





Lubricate and pop off center hanger. Be prepared to catch the exhaust as this is the last piece holding it up



Assemble the catback rear and middle section using the four 63mm clamps





Use the provided zip tie to get the exhaust valve connector secured out of the way



Transfer all exhaust hangers from the OEM Exhaust to your IE Catback.

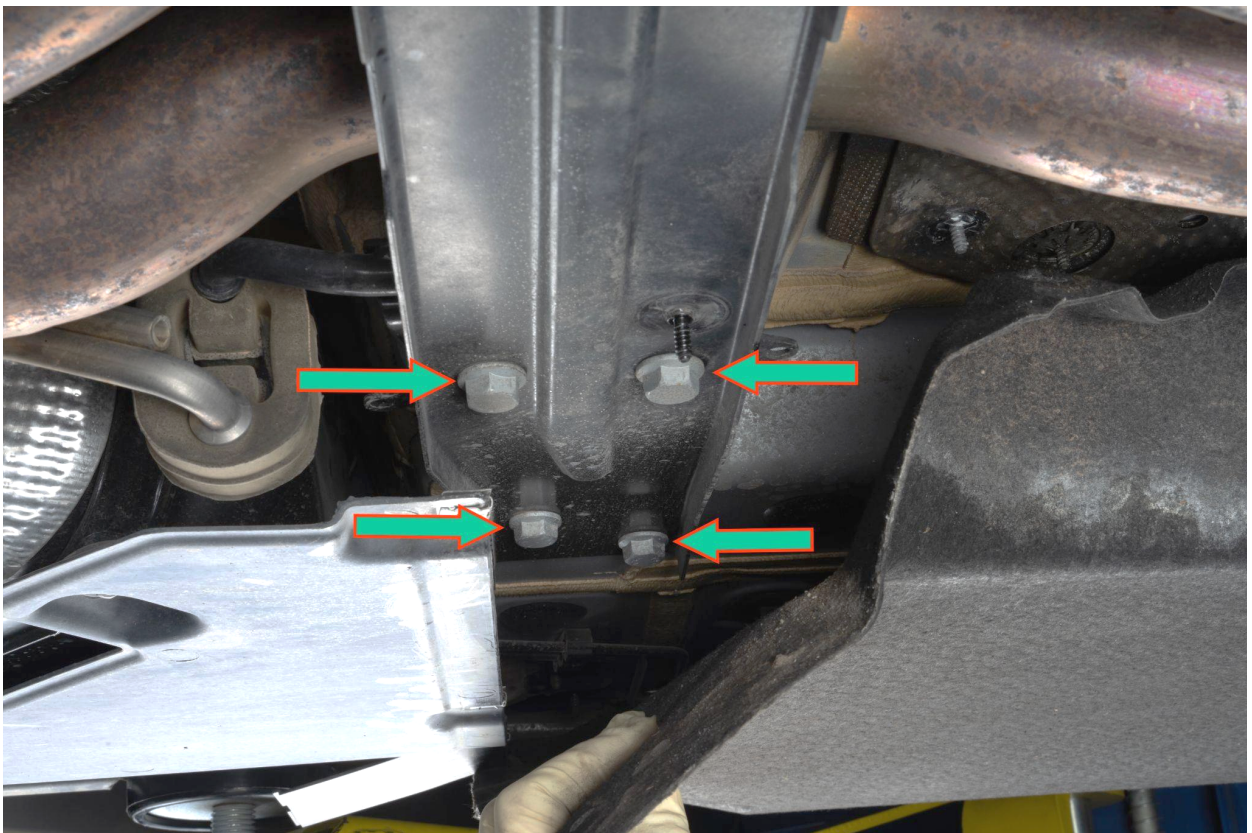




Raise the rear section of the catback into place and reinstall two rear hanger bolts and the front 63mm clamps connecting the rear to the midpipe section of the catback.



Reinstall Center Brace and ensure the exhaust hanger is placed between the brace and the body.





Once the exhaust is secured under the vehicle, take the time to ensure proper orientation of all the parts, then tighten all hangers and clamps. Once all the clamps are tight, recheck that orientation hasn't shifted. Once orientation is correct, it is simply reverse installation of all the lower and engine covers to complete the install.



Enjoy the Look, Power, and Sound of your new IE Performance Exhaust System!



Thank you for purchasing another Integrated Engineering product. We are dedicated to serving your VW/Audi engine and performance needs. Please check our website frequently for new product releases. If you have any questions or concerns about this product, please do not hesitate to contact us.

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