



PERFORMANCE BY
**INTEGRATED
ENGINEERING**

IE B9 S4 Midpipe Install Guide

PART NUMBER: IEEXCK4

Thank you for purchasing another high-quality Integrated Engineering product! This instruction guide is used for the installation of IE's Midpipe Kit for Audi B9 S4 & S4 3.0T applications. Professional or experienced technician installation is recommended and Integrated Engineering is not responsible for any damage caused by incorrect installation.



Before you begin, open your IE Downpip Kit, inspect all components, and verify their quantities.

- B9 S4 Driver Mid Pipe Upper
- B9 S4 Passenger Mid Pipe Upper
- B9 S4 Driver Mid Pipe Lower
- B9 S4 Passenger Mid Pipe Lower
- (4) Slip Joint Clamp 2.5 inch Stainless steel
- (2) Lap Joint Exhaust Band Clamp 63.5mm x60mm
- (2) 63.5mm X60mm Exhaust Coupler
- IEEXCK4 Hardware Pack
 - (2) OEM Exhaust Gasket Downpipe to Midpipe
 - (6) 18-8 Stainless Steel Serrated Flange Locknut, M8x 1.25 mm Thread

Tools Required

Socket Wrench, various extensions, and wobble sockets

13mm Socket/Wrench

T30 Bit

12mm Socket/Wrench

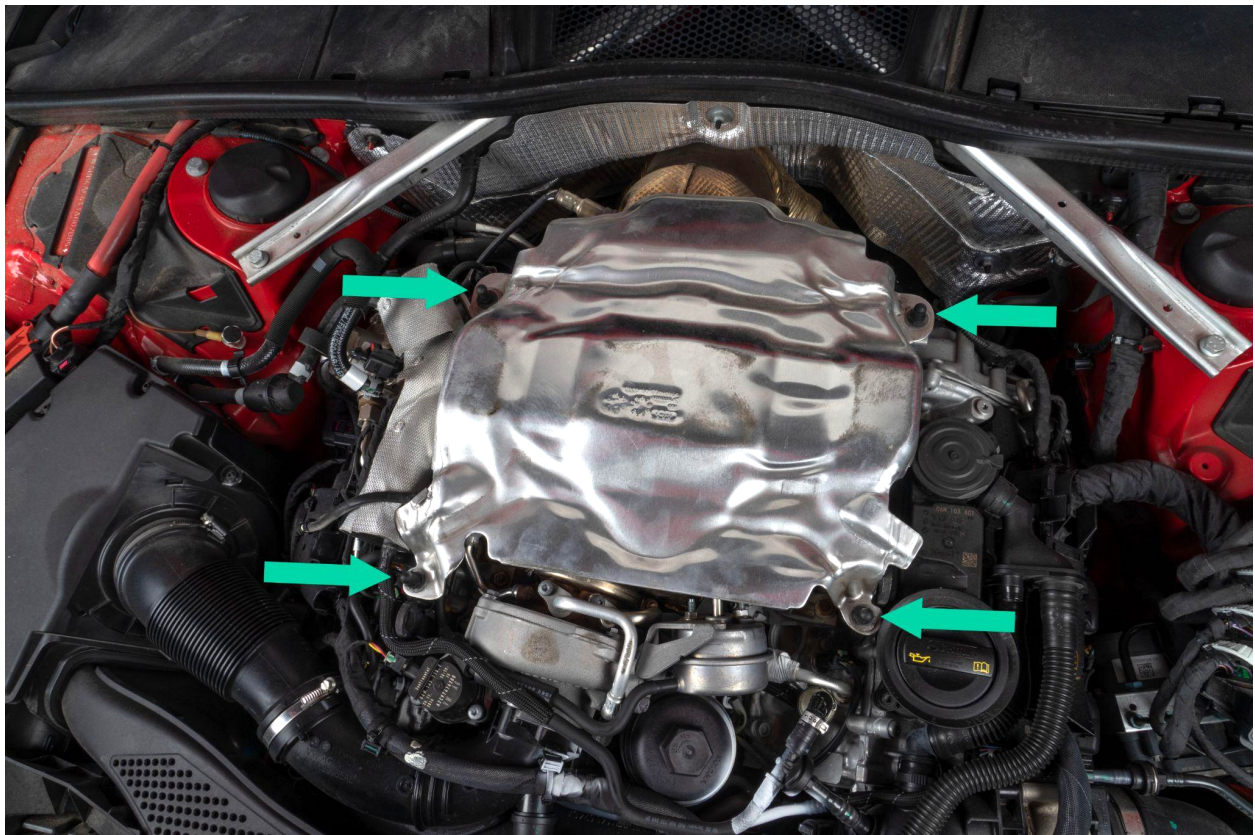
Trim removal tool

Tripple Square #10 Socket

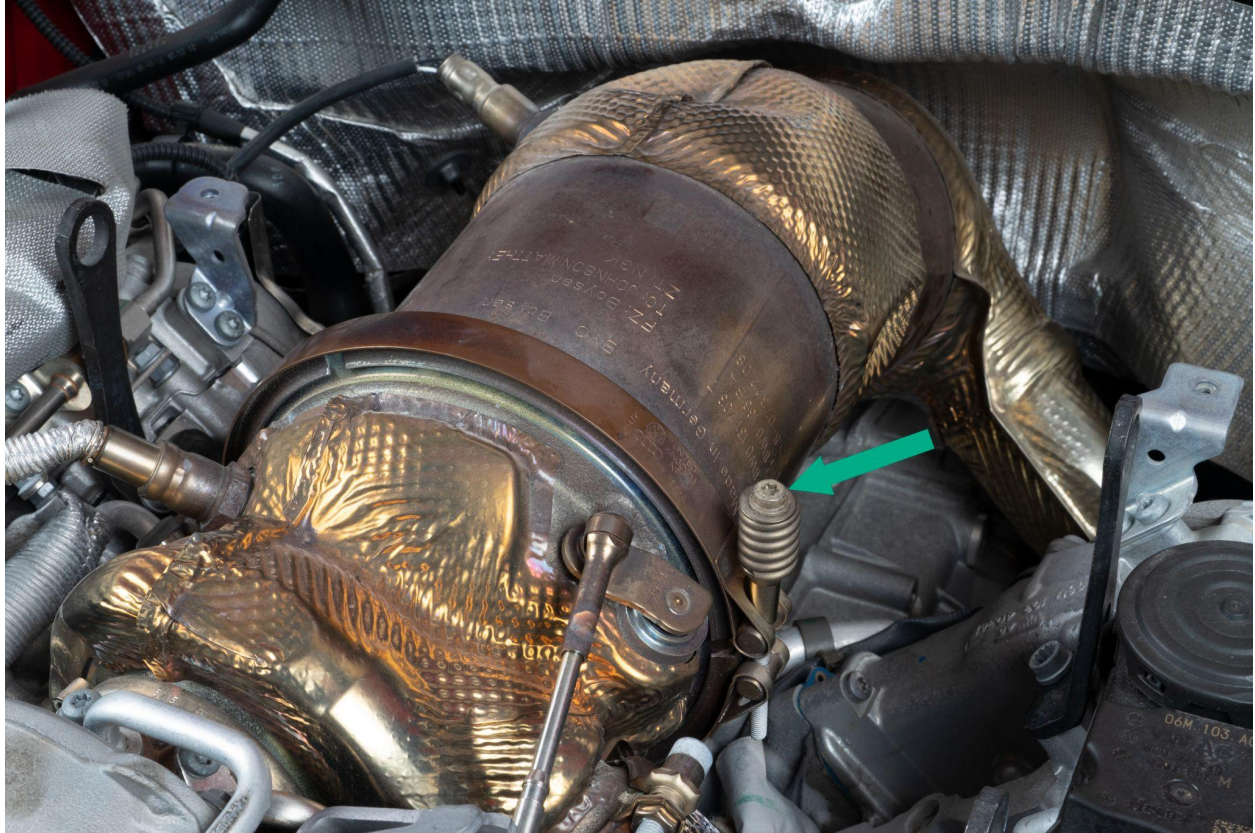
Pop your hood and allow engine bay to cool completely before beginning, then remove engine cover by pulling straight up off the mounting tabs located on each corner.



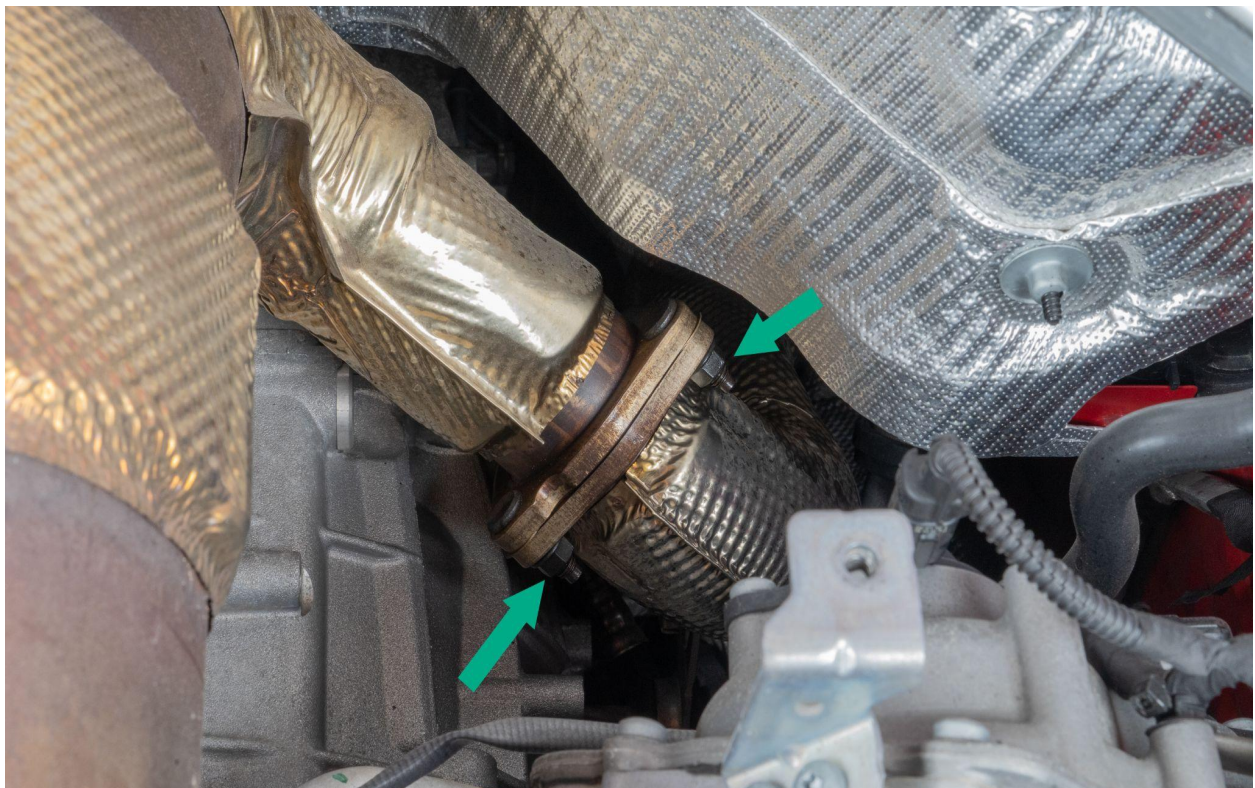
Remove four 13mm Engine Cover Mounts then remove Heat Shield from Engine Bay

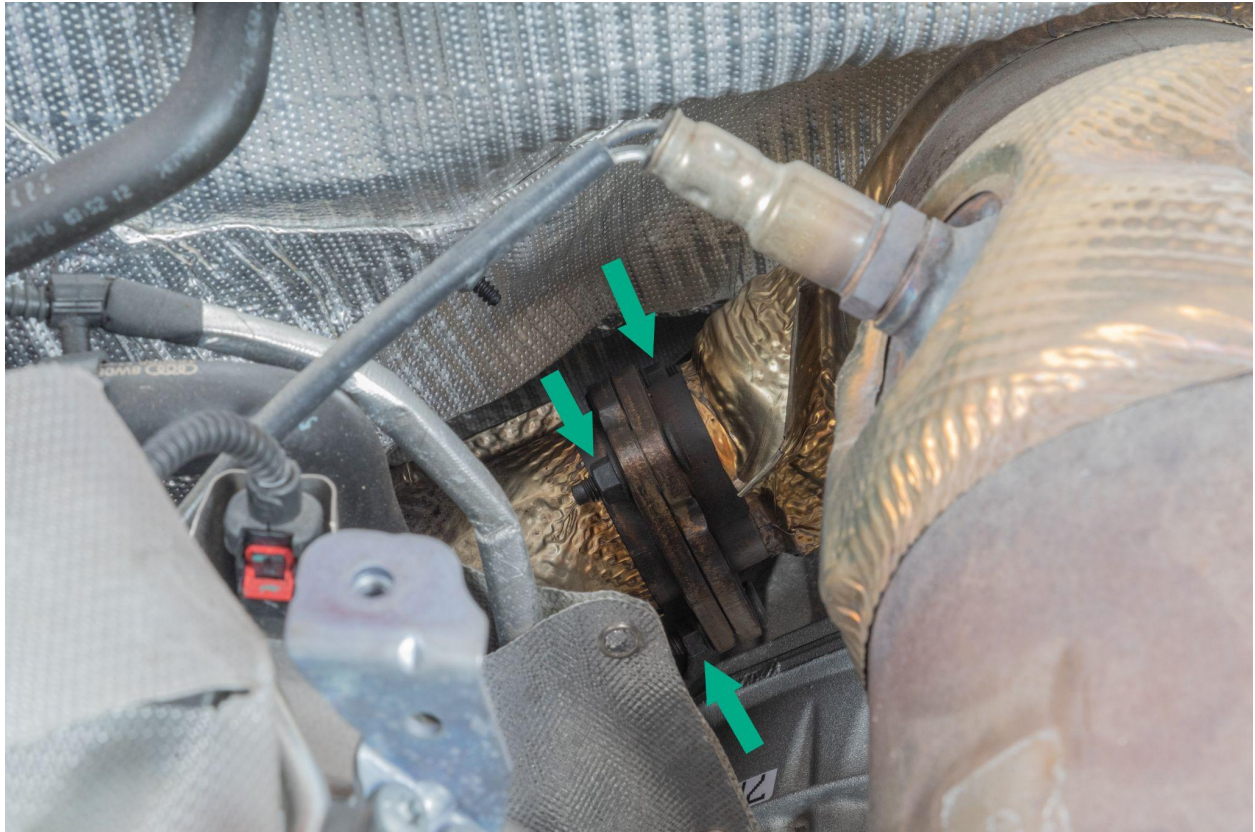


Using T30 bit, remove the v band clamp around the downpipe. A Flathead screwdriver may be needed to pry clamp off of turbo/downpipe.

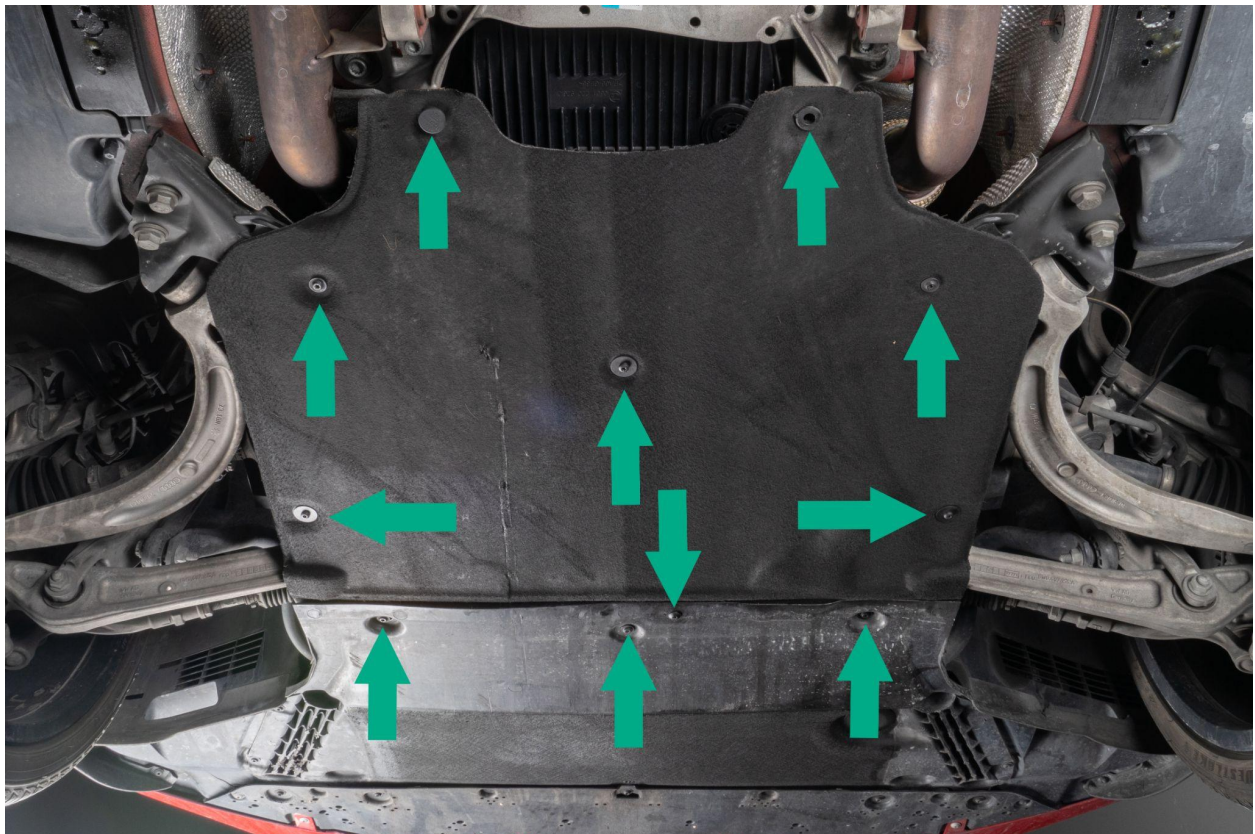


Remove six 12mm nuts that connect the downpipe to the midpipes. The two nuts in the back can be very difficult to gain access to, and remove. You will need to be creative with extensions, wobble sockets, and wrenches. Pushing the downpipe back towards firewall can also help with clearance.

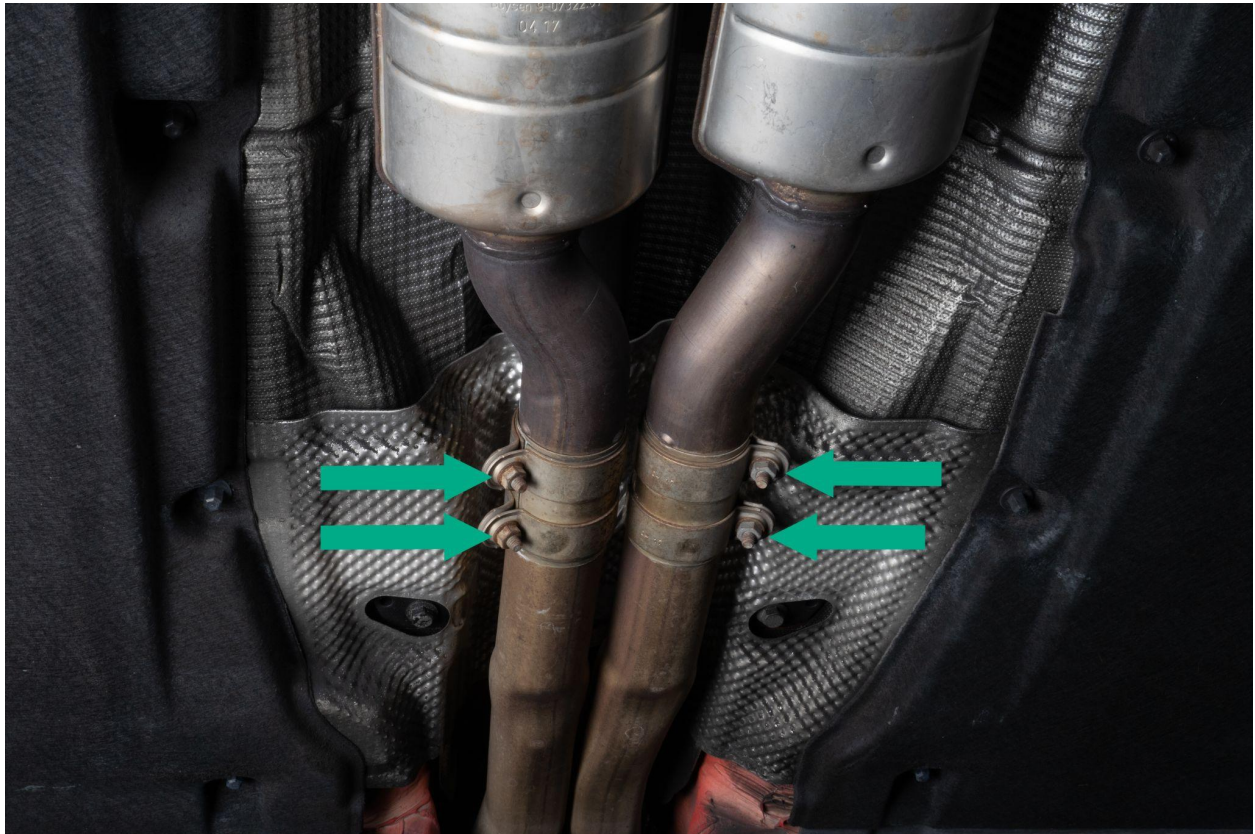




Remove nine T25 screws to remove rear underbelly pan then use trim removal tool to remove press retainers



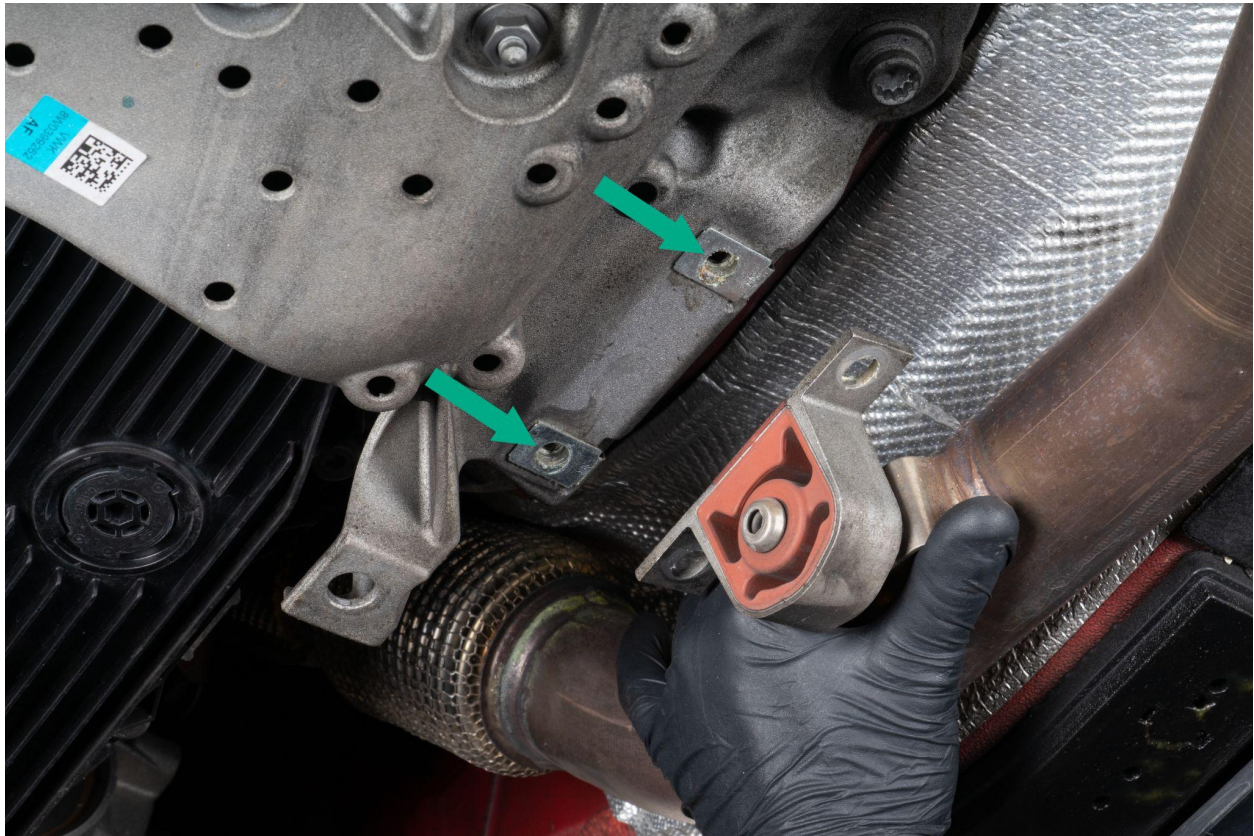
Use 13mm socket to loosen exhaust clamps on the rear portion of the OEM Midpipes.



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



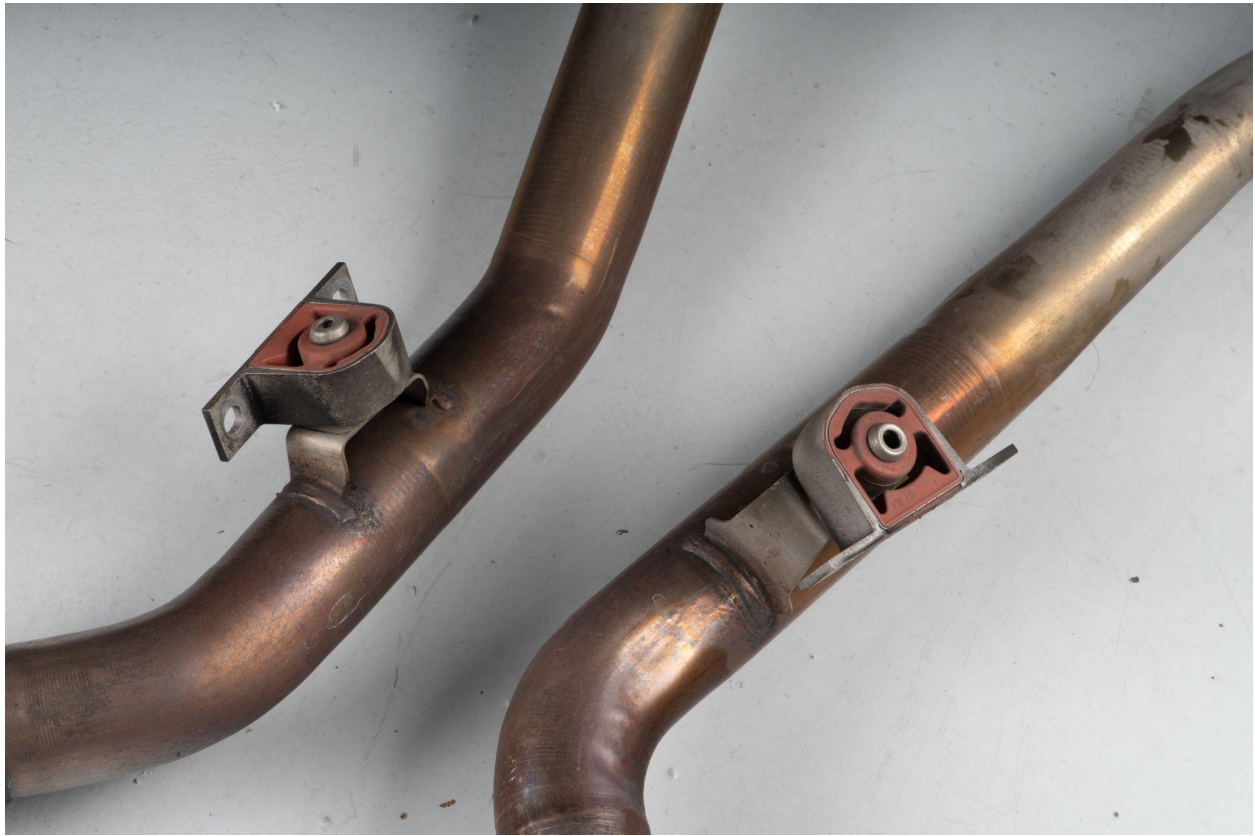
Remove two tripple square tens that fasten exhaust hanger to body on each side.



Remove OEM Midpipes by pulling out the bottom.



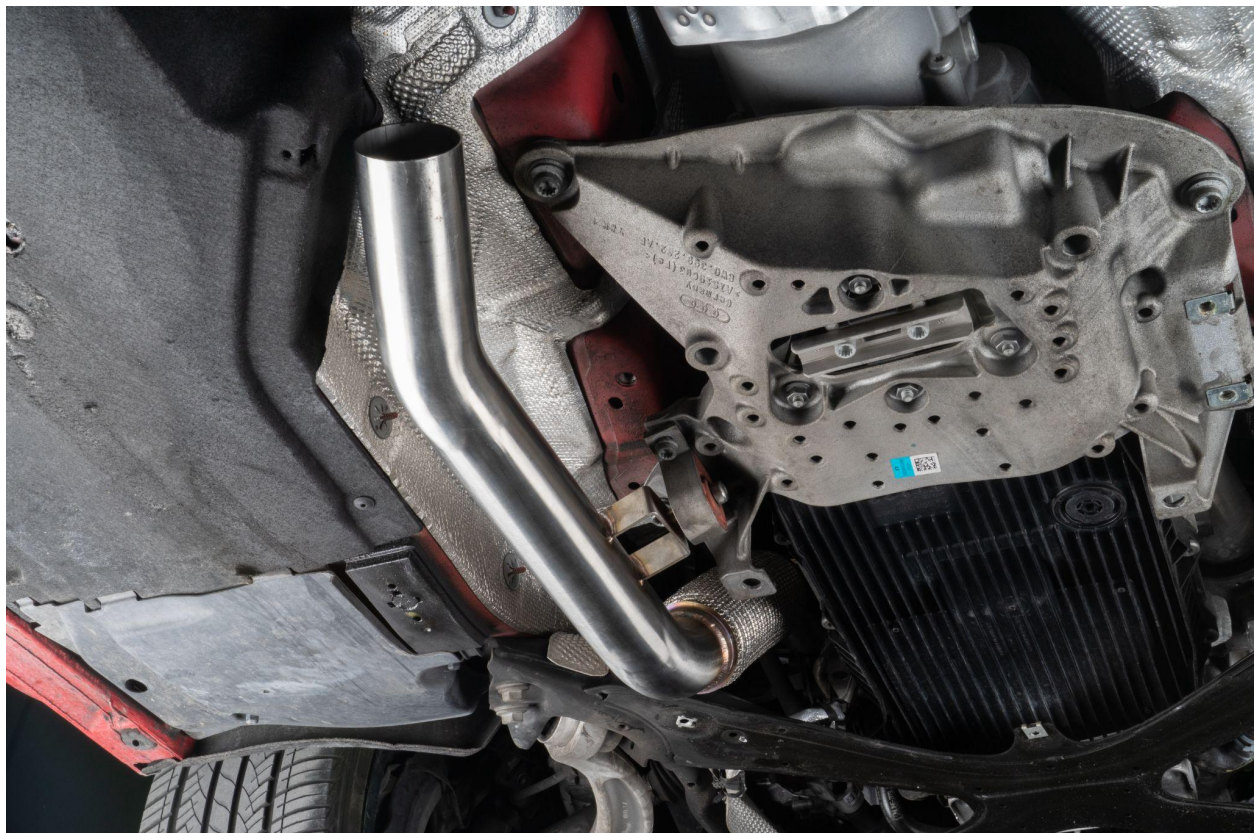
Remove exhaust hangers from OEM Midpipe



Reinstall exhaust hanger onto IE Midpipes



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



Slip exhaust clamps loosely over front portion of midpipes



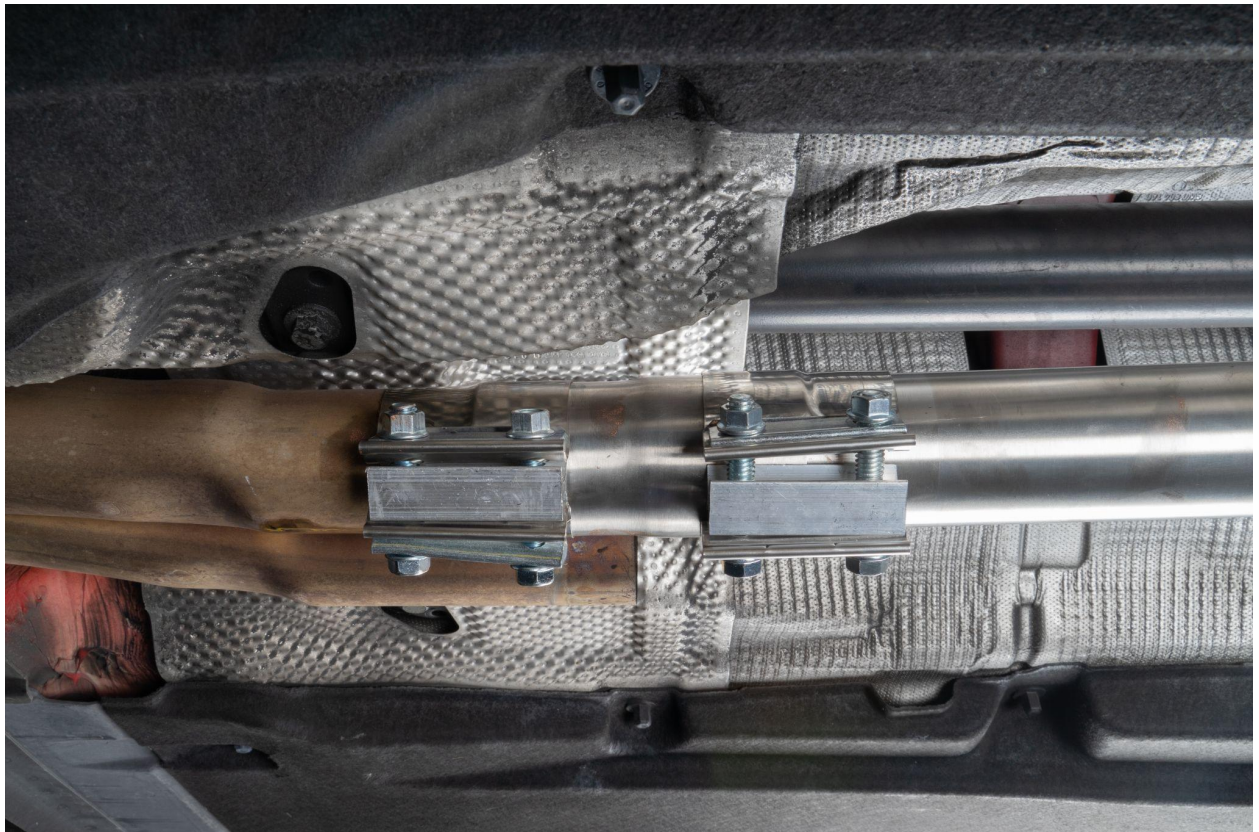
Remove OEM Exhaust clamp from rear portion of exhaust.



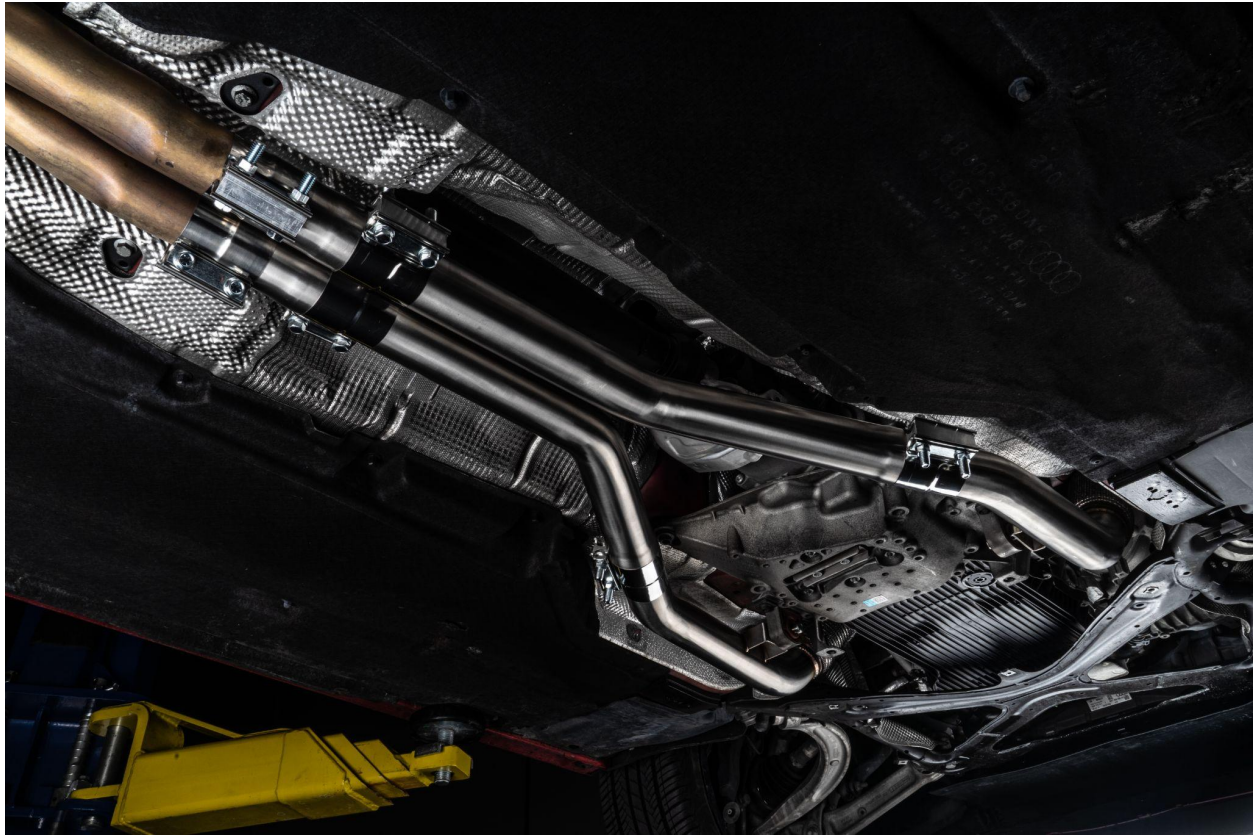
Slip exhaust clamp onto rear OEM portion of exhaust, then slip on coupler over OEM exhaust.



Slip IE Coupler onto IE Midpipes then position the reducer and two couplers into place.



Ensure proper orientation of all parts, then tighten all Couplers, Exhaust Hanger Bolts, Downpipe V-Band and Downpipe bolts into place. Then reinstall underbelly pan and engine cover. Once all parts have been secured, enjoy the look and sound of your new IE Midpipes!



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.

Integrated Engineering
801.484.2021
support@performancebyie.com
www.performancebyie.com

PERFORMANCE BY

