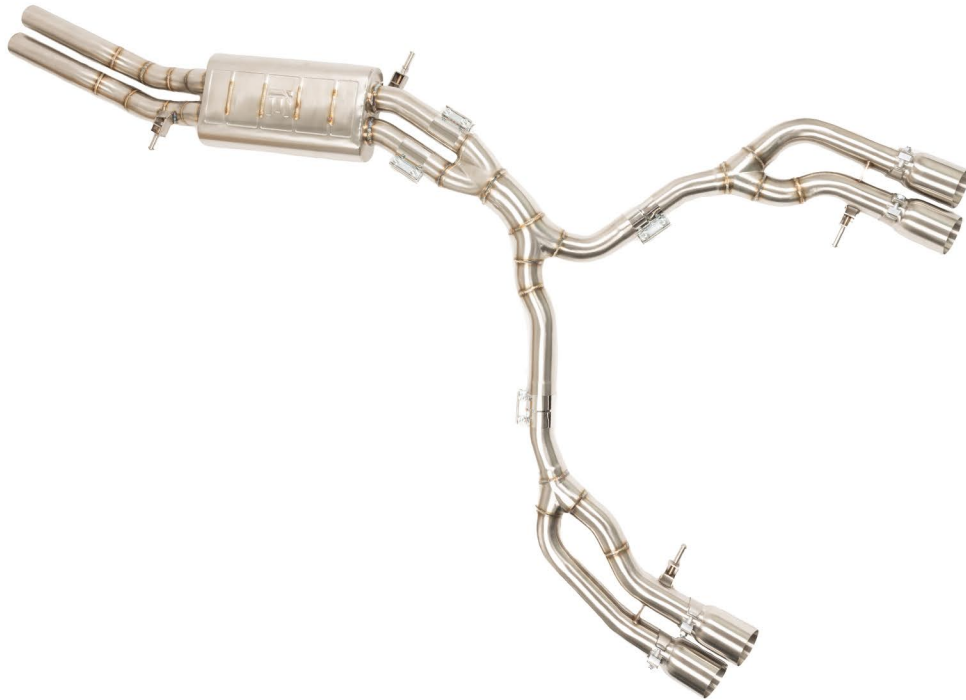


PERFORMANCE BY



INSTALLATION GUIDE

IE CATBACK EXHAUST SYSTEM FOR AUDI B9 S5 IEEXCK11



This installation guide is for instructional purposes only. For best results, professional installation by an experienced technician is always recommended. By reading this guide you agree Integrated Engineering is not responsible for any damage or personal injury caused by incorrect installation.

DIFFICULTY



Expect 2-3 Hours on average

REQUIRED TOOLS

- 15mm Deep Socket
- 13mm Socket and Extension
- #10 & #12 Tripple Square
- Lift or Jack and Jack Stands
- Long flathead screwdriver, pry bar, or exhaust hanger press tool.
- T20 Socket

BEFORE YOU BEGIN

It is highly recommended to pre-read this entire guide ahead of your installation to familiarize yourself with each step. Always park your vehicle in a safe and level location and allow plenty of time for the engine bay and exhaust to completely cool. Locate and prepare your work space with each required tool listed above. Unbox all components and verify the contents and quantities before you begin. If anything is missing or damaged, please contact us for immediate help at support@performancebyie.com

REQUIRED PARTS

- No additional parts are required for this install

OPTIONAL PARTS

- iE Midpipe Exhaust (IEEXCK4)
- iE ProCore Downpipe (IEEXCK6)

SPECIAL NOTE:

This install guide has been photographed and written on a 2018 Audi S5 Sportback with some photos showing a B9 S4. Some steps and factory hardware specifications may vary depending on vehicle model, year, and region. This guide is for refrence purposes only. If you are unsure of the installation procedure for any individual step or part, please seek professional help before proceeding.



INCLUDED PARTS

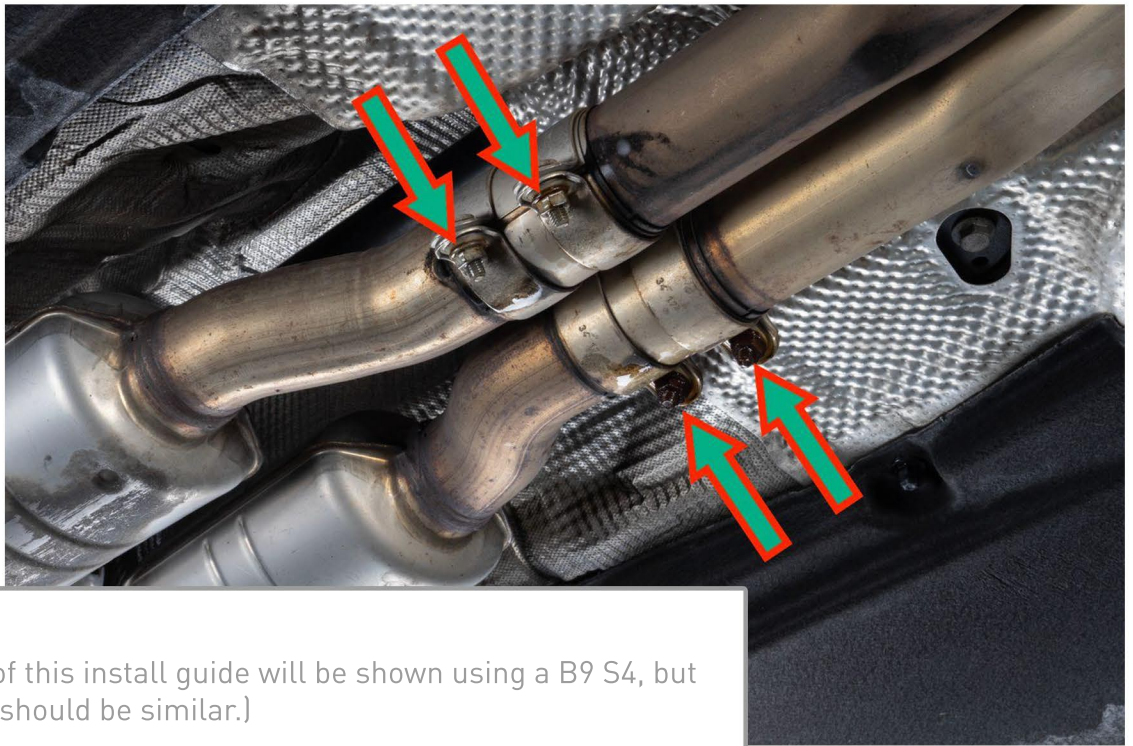
- 01 - B9 S5 Sportback Catback Resonator
- 02 - B9 S5 Sportback Catback Y-Pipe
- 03 - Lap Joint Exhaust Band Clamp 63.5mm x 60mm (2)
- 04 - 66MM Band Clamp for Exh Tips (4x)
- 05 - 63.5mm x 60mm Exhaust Reducer - Shorty (2x)
- 06 - Lap Joint Exhaust Band Clamp 65mm x 63.5mm (4x)
- 07 - 2.5" Butt Exhaust Band Clamp (4x)
- 08 - B9 S5 SPORTBACK PASS. SIDE Y-PIPE
- 09 - B9 S4 Catback Tip (4x)
- 10 - B9 S5 SPORTBACK DRIVER SIDE Y-PIPE
- 11 - Black-Oxide Steel Oversized Washer for M10 Screw Size, 10.5 mm ID, 19 mm OD (4x)



Some items may be partially assembled.



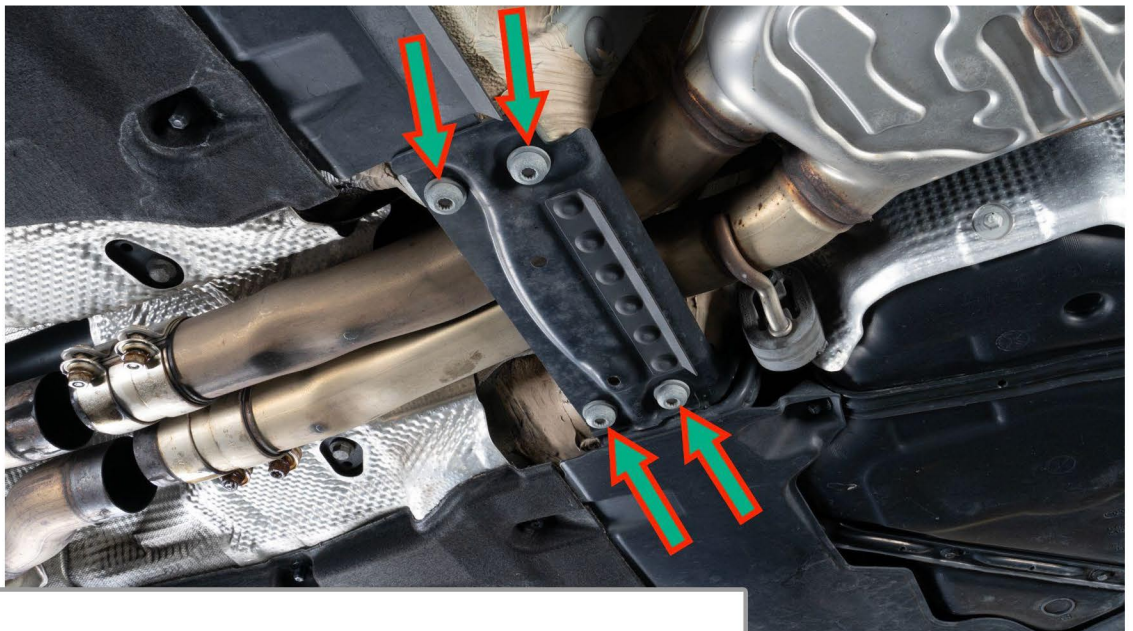
1



(Some sections of this install guide will be shown using a B9 S4, but the install steps should be similar.)

Loosen four 13mm bolts on midpipe to catback exhaust clamps, then slide clamps back onto muffler section.

2



Remove four #10 triple square bolts holding up cross brace.

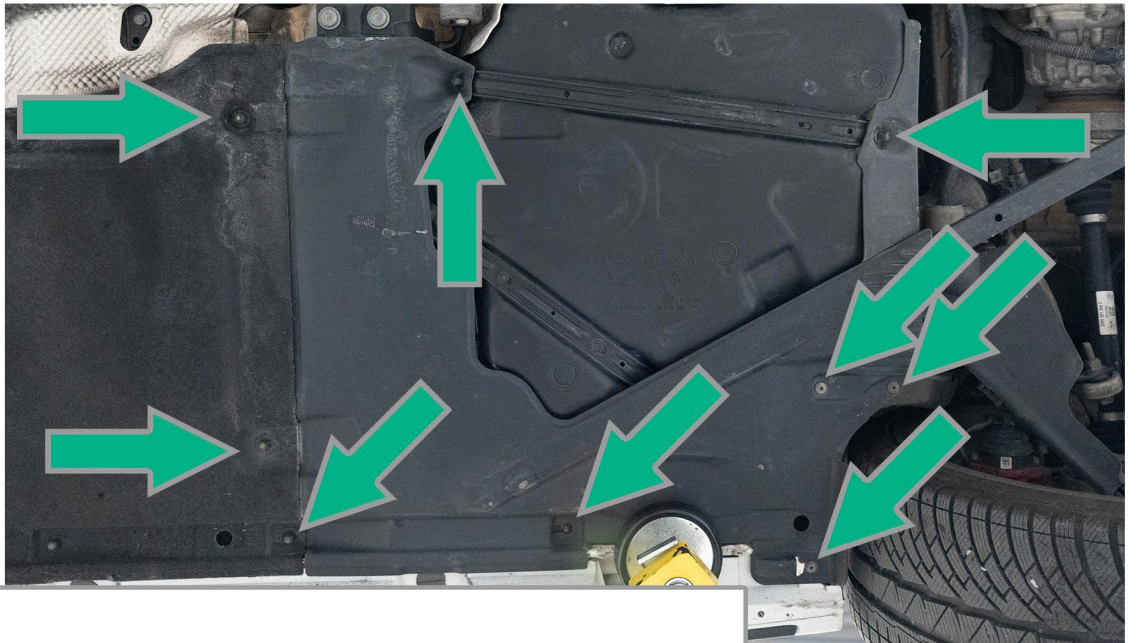


3



Remove both muffler flap motor connectors (one on each side) by pushing back the gray tab, then pinching down.

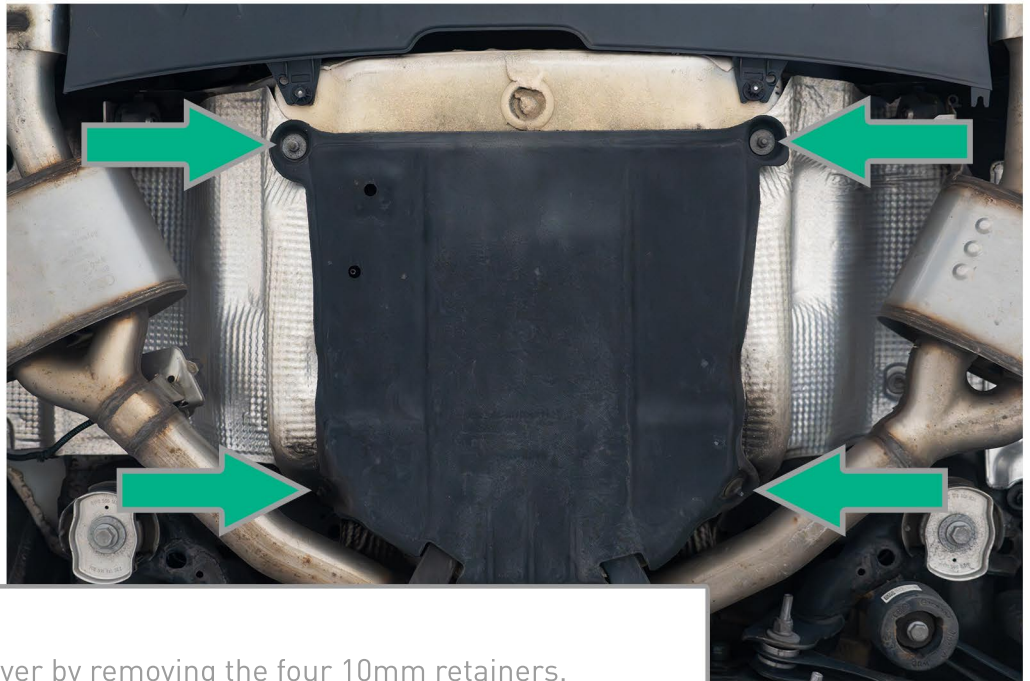
4



Remove the lower plastic cover using either a 10mm, or T20 socket.
Once the cover is loose, you can remove it from the vehicle.

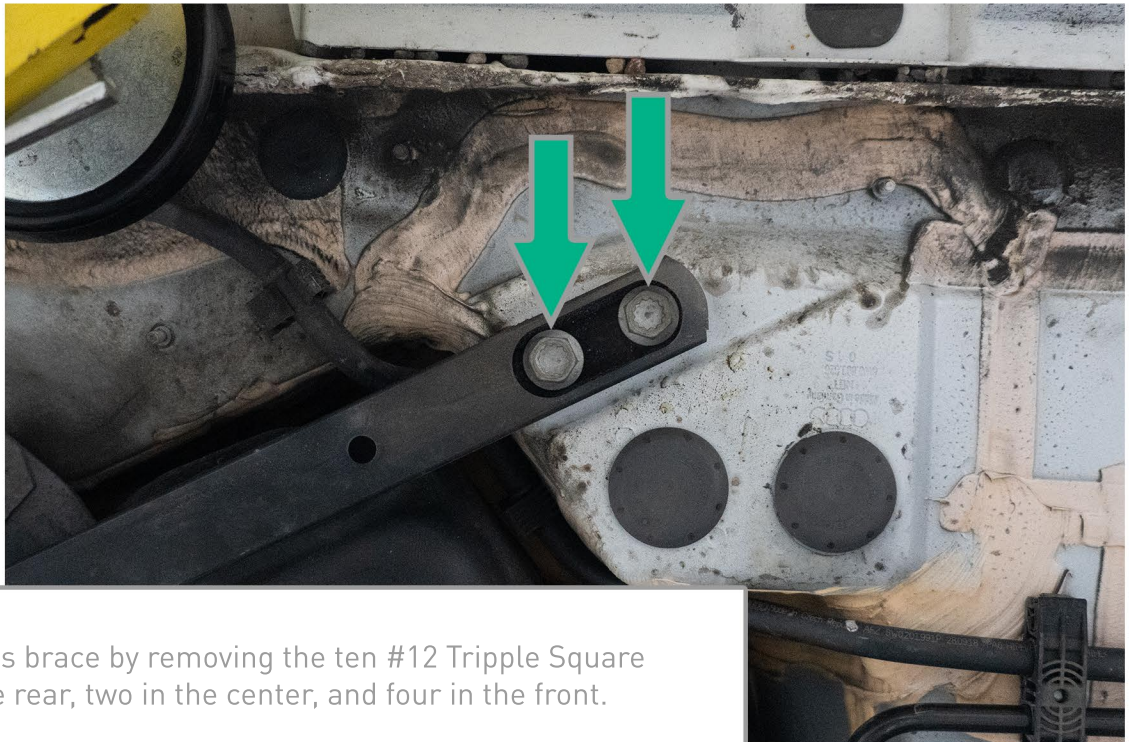


5



Remove the rear cover by removing the four 10mm retainers.

6

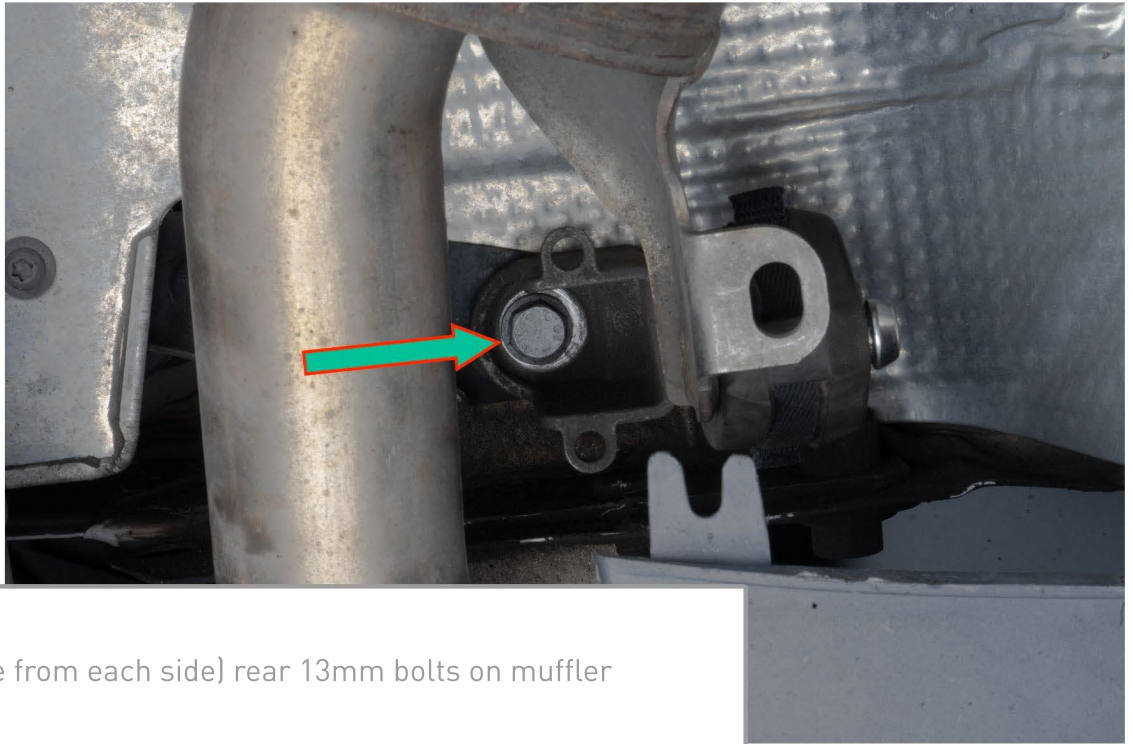


Remove the cross brace by removing the ten #12 Triple Square bolts. Four in the rear, two in the center, and four in the front.

You can then lower the x brace from the vehicle.



7



Remove two (one from each side) rear 13mm bolts on muffler hangers.

8



Push out the last exhaust hanger located near the resonator. Be prepared for exhaust to drop from the car. An extra set of hands is helpful here. Then remove the entire rear muffler section from vehicle.

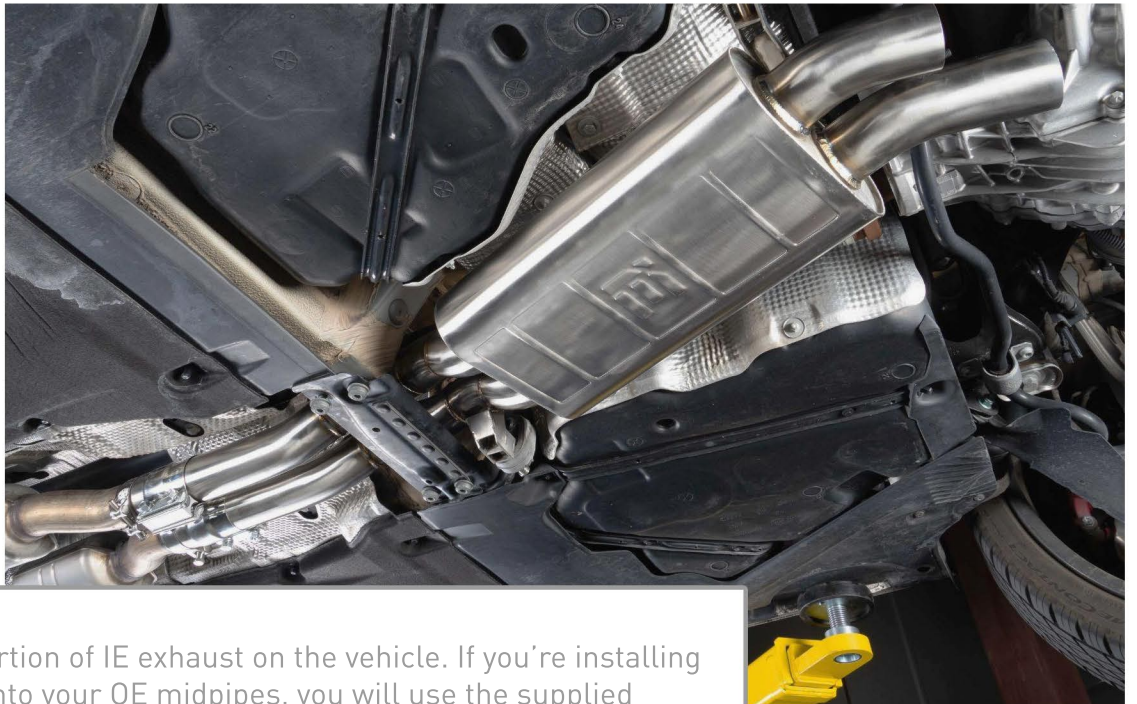


9



Remove factory hangers from the muffler portion, then transfer them onto your new iE exhaust. Take note of orientation when removing them for correct reinstallation.

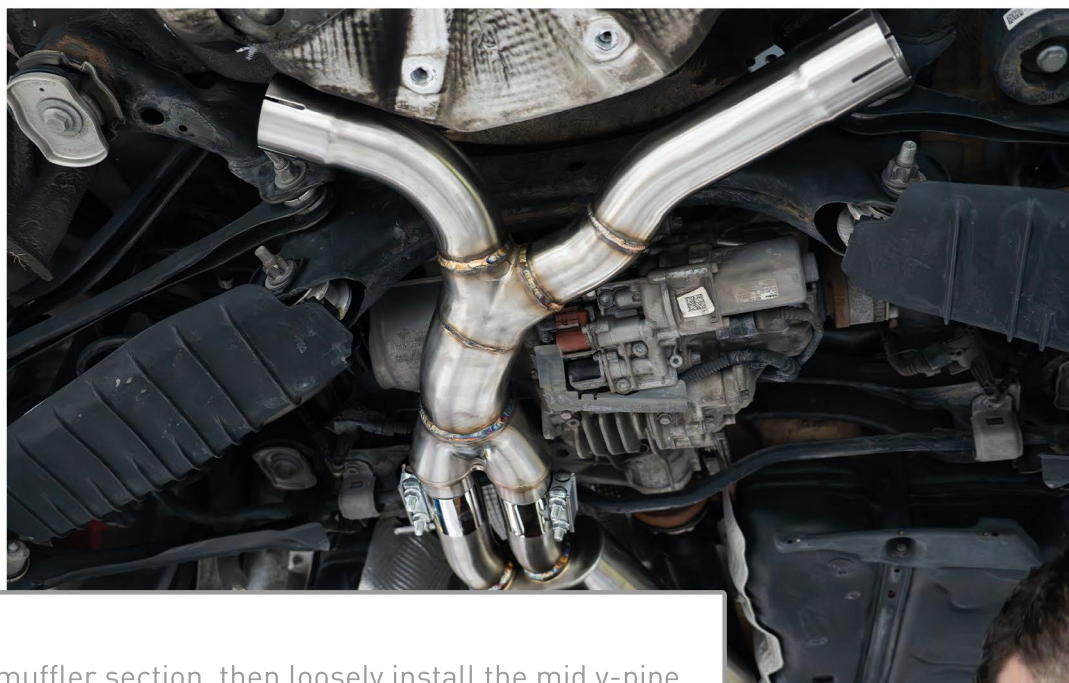
10



Install center portion of iE exhaust on the vehicle. If you're installing the iE catback onto your OE midpipes, you will use the supplied reducers.

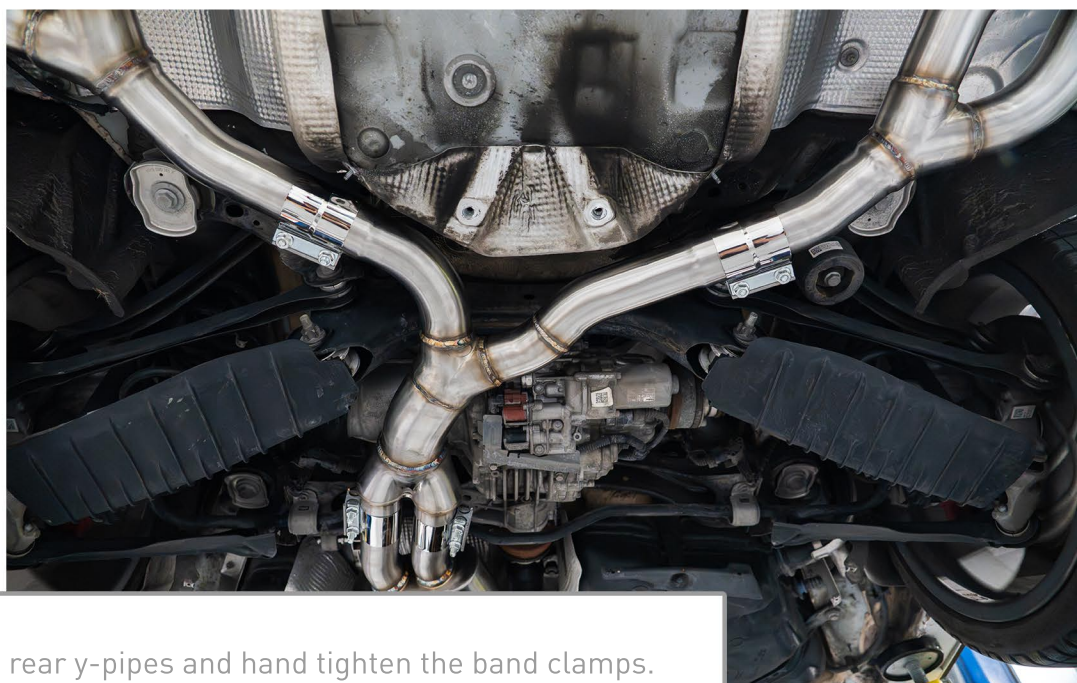


11



Support the front muffler section, then loosely install the mid y-pipe section. Do not tighten any of the band clamps beyond hand tight. Adjustment will take place at the end then everything will be torqued down.

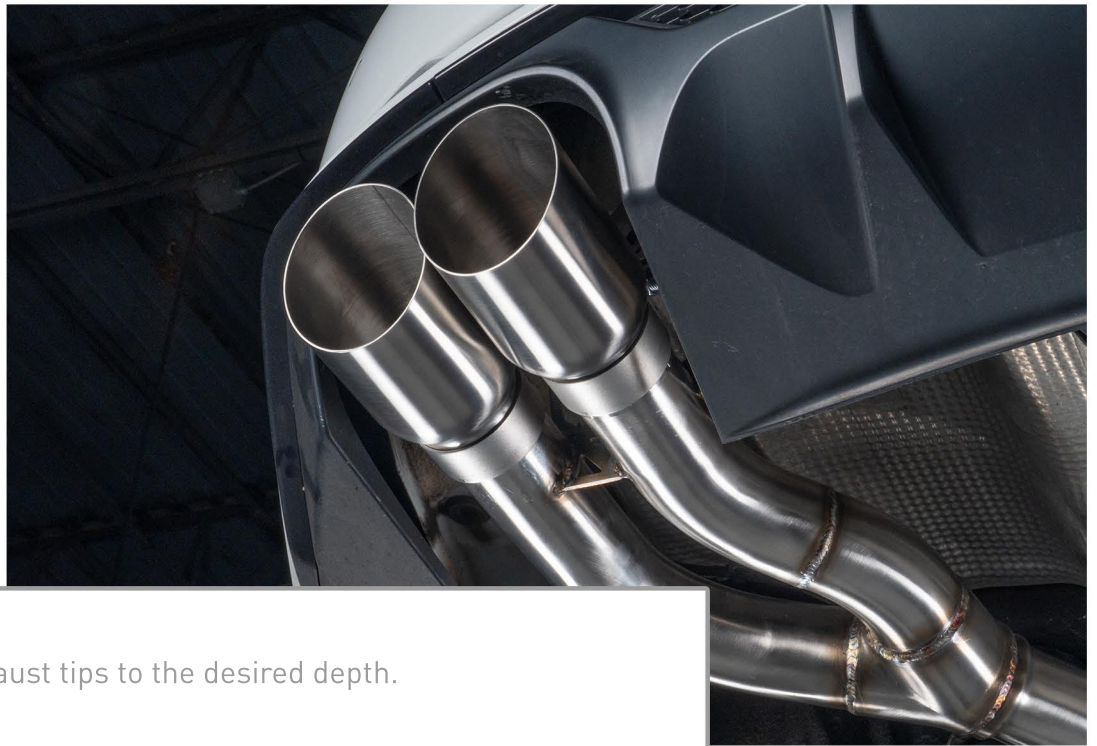
12



Loosely install the rear y-pipes and hand tighten the band clamps.



13



Install the four exhaust tips to the desired depth.

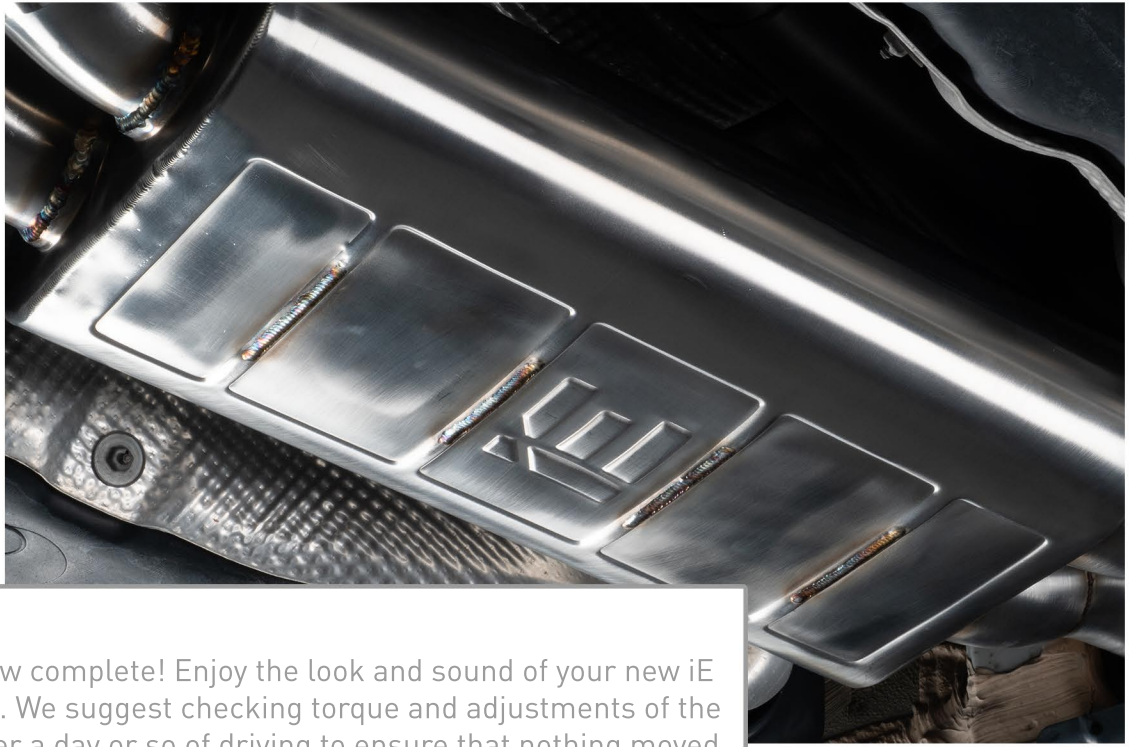
14



Reinstall all braces, and covers. Then adjust and tighten the band clamps from front of the car, working your way to the back. Check each step that the exhaust is not resting on any bracing or the body of the vehicle. This process takes a little time and can take a few passes. Make small adjustments to get it right. Once the exhaust is properly fit, tighten all band clamps to 40 ft/lbs.



15

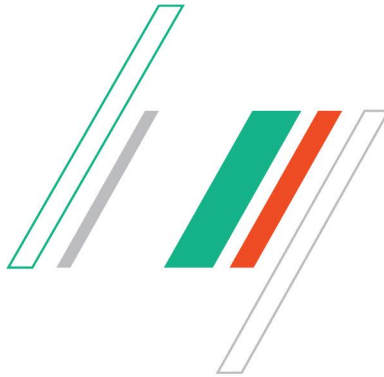


Installation is now complete! Enjoy the look and sound of your new iE Catback exhaust. We suggest checking torque and adjustments of the band clamps after a day or so of driving to ensure that nothing moved.



ENJOY!

Thank you for purchasing an Integrated Engineering product. We are dedicated to serving your 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.



HOW WAS YOUR INSTALL?



Stoked?

Awesome! Please leave a review.
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Bummed?

Sorry, let us make it right.
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