

PERFORMANCE BY



INSTALLATION GUIDE

iE ProCore Downpipe For VW MK8 Golf R & Audi 8Y S3

IEEXDB1



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

- o2 Sensor Removal Tool
- 6 and 8mm Allen and 6mm Tripple Square
- 10, 13, 15, 16,17, 18 and 21mm Sockets
- 3/8 Metal Drill Bit
- Transmission Jack or another jack to hold up subframe

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 Performance Catback Exhaust (IEEXDB2)

SPECIAL NOTE:

This install guide has been photographed and written on a 2024 Golf R. 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

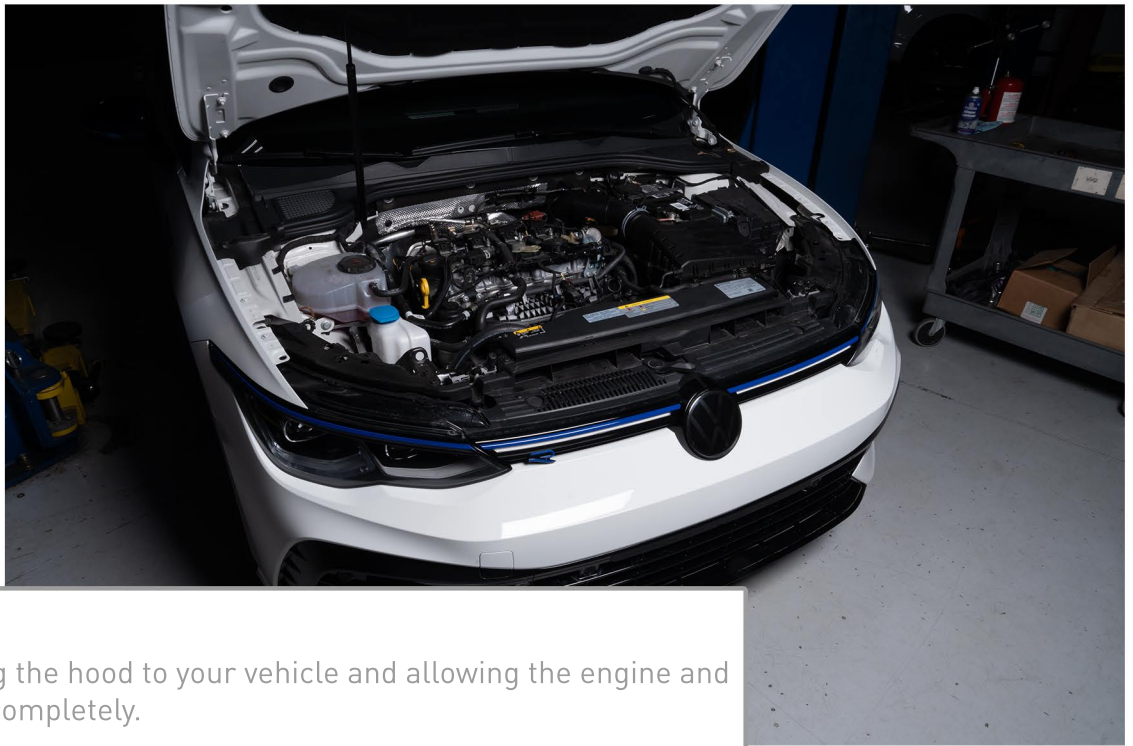
- 01 - MK8/8Y AWD Cat Section
- 02 - MK8/8Y AWD Midpipe
- 03 - MQB DOWNPIPE BOLT-ON BRACKET
- 04 - Exhaust Reducer Kit w/Clamps, 76mm x 65mm
- 05 - 3" (76.2mm) OEM Style Exhaust Butt Clamp
- 06 - TYPE 18-8 STAINLESS STEEL FLAT WASHER
- 07 - 18-8 STAINLESS STEEL HEX HEAD CAP SCREW



Some items may be partially assembled.

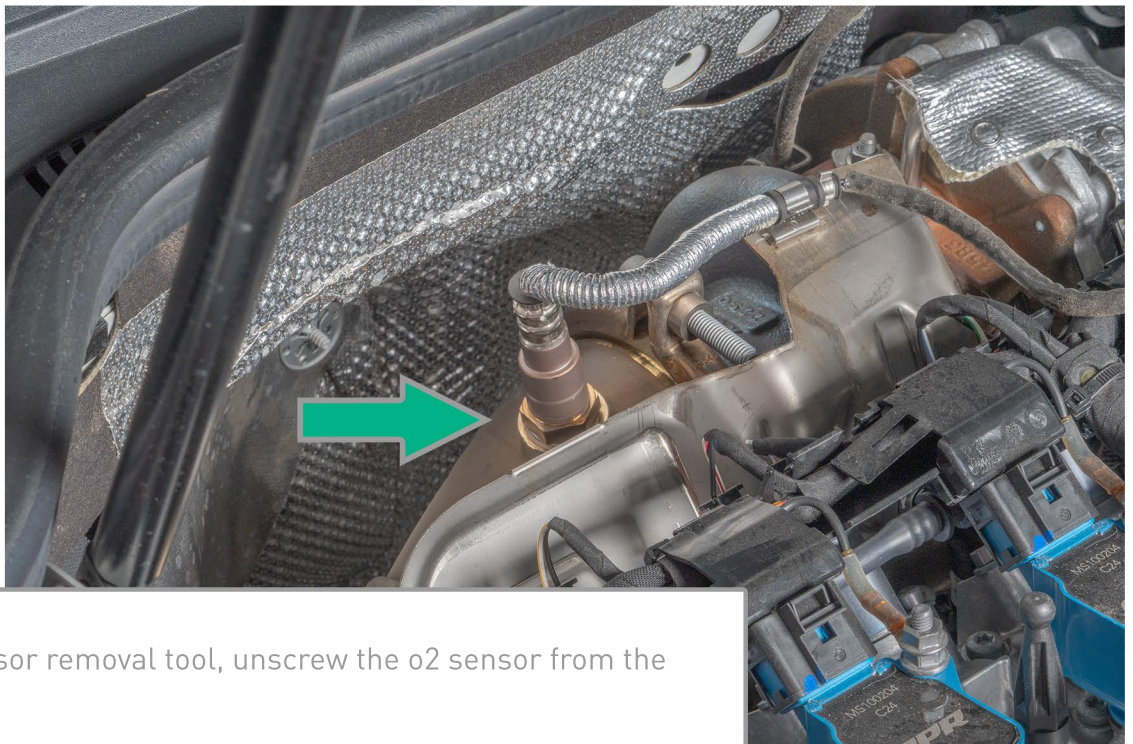


1



Begin by popping the hood to your vehicle and allowing the engine and exhaust to cool completely.

2



Using an o2 Sensor removal tool, unscrew the o2 sensor from the OE downpipe.

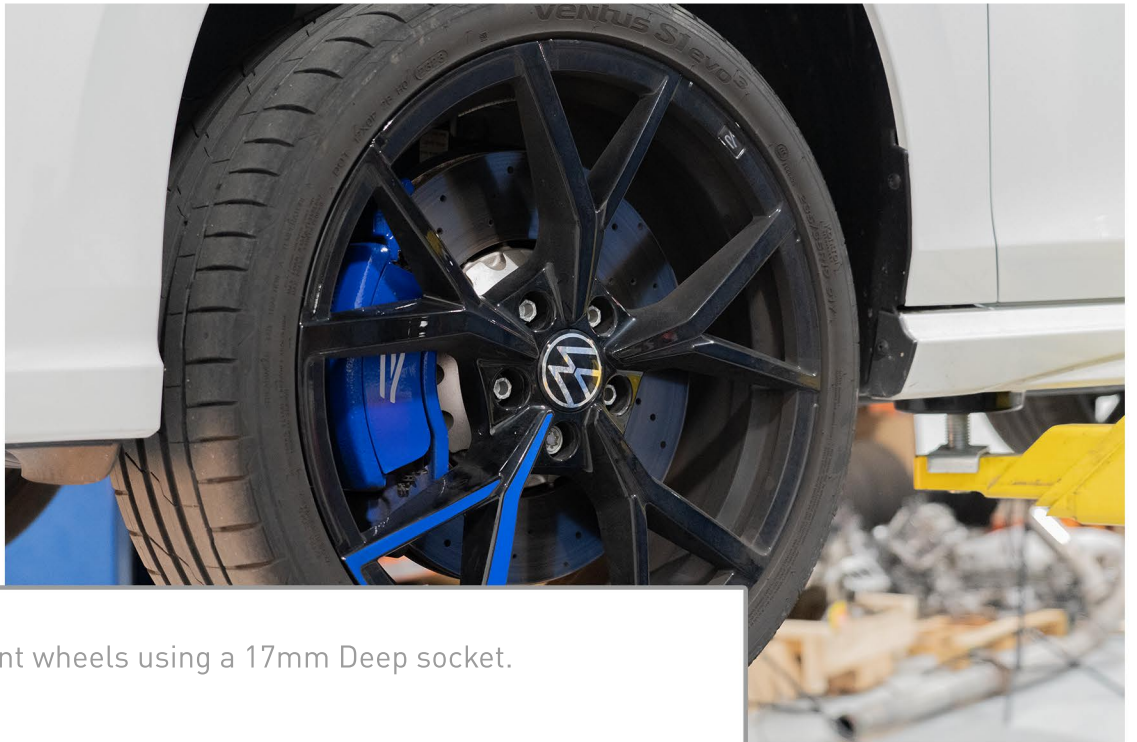


3



Loosen the V band clamp using a 6 mm Allen

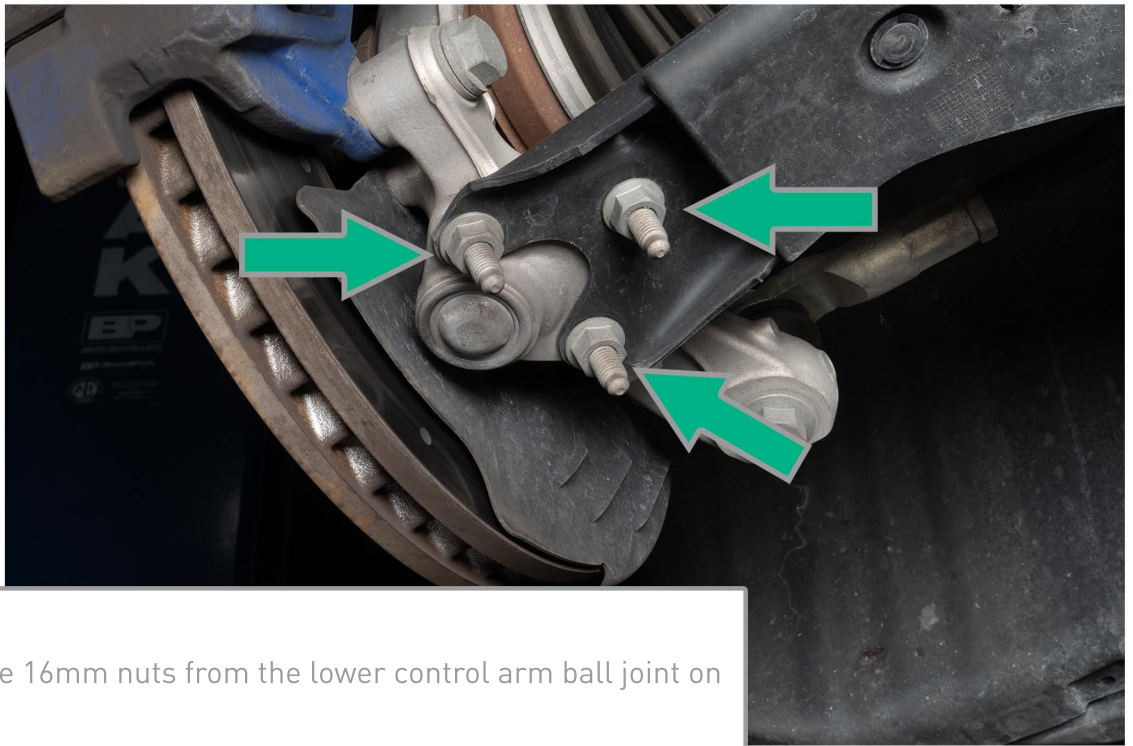
4



Remove both front wheels using a 17mm Deep socket.

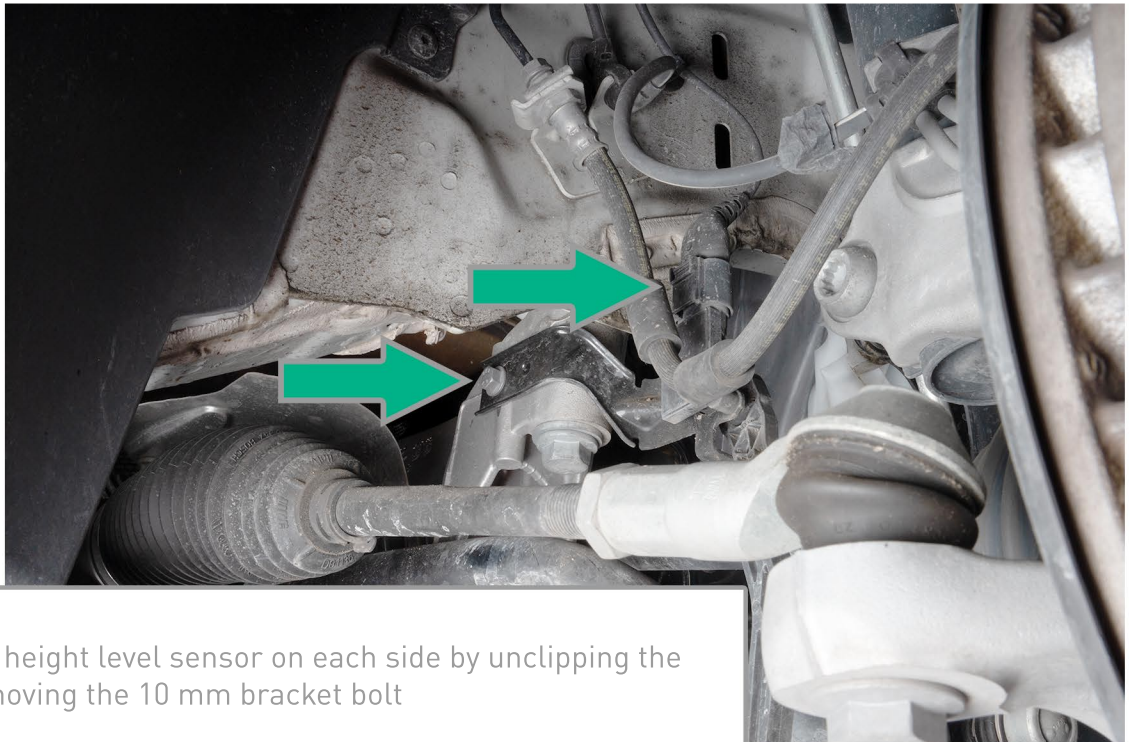


5



Remove the three 16mm nuts from the lower control arm ball joint on each side

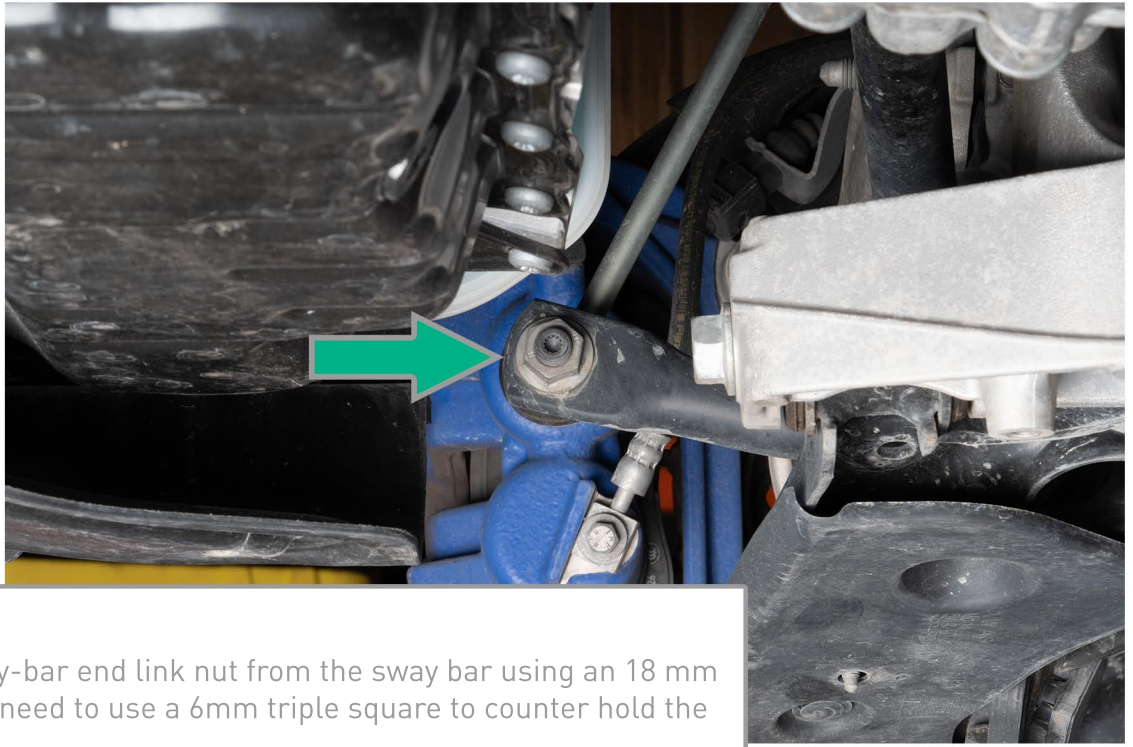
6



Remove the ride height level sensor on each side by unclipping the harness and removing the 10 mm bracket bolt

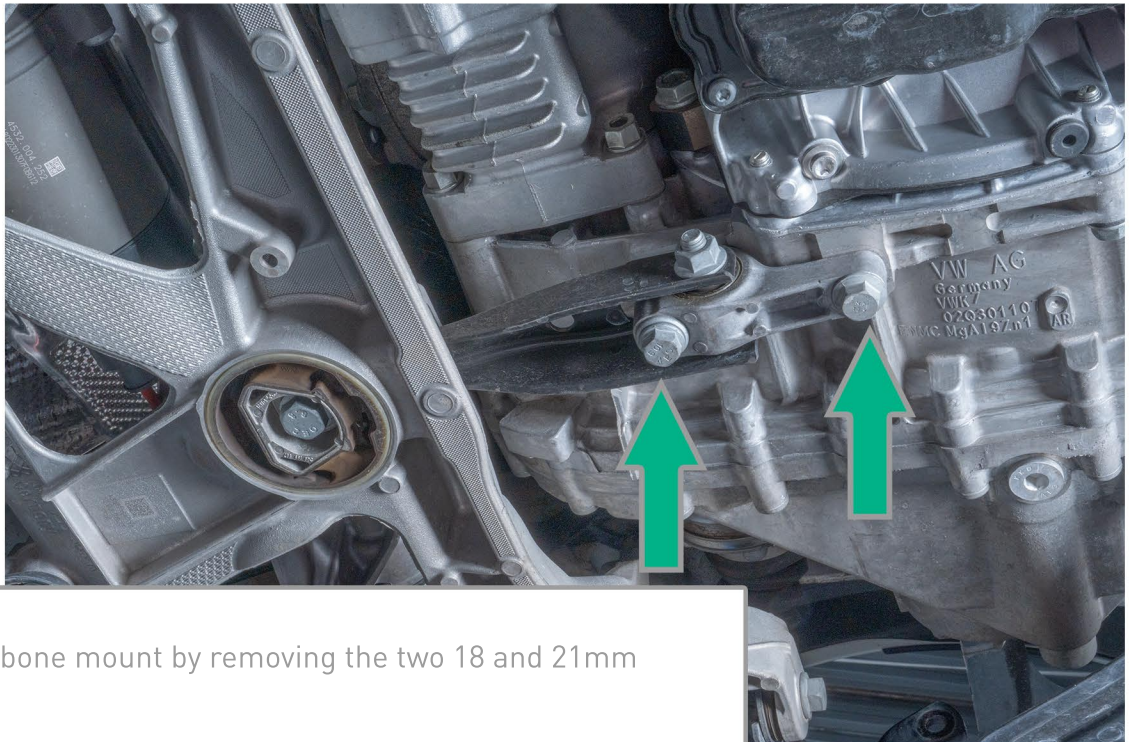


7



Remove the sway-bar end link nut from the sway bar using an 18 mm socket. You may need to use a 6mm triple square to counter hold the end link.

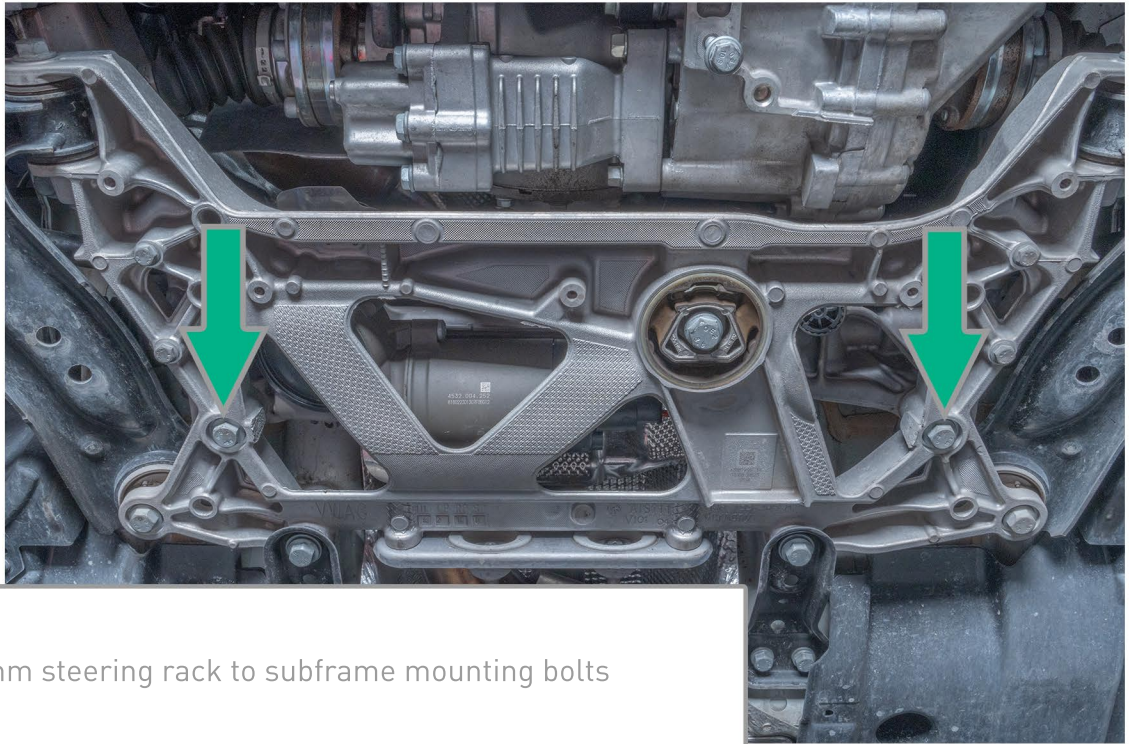
8



Remove the dog bone mount by removing the two 18 and 21mm bolts

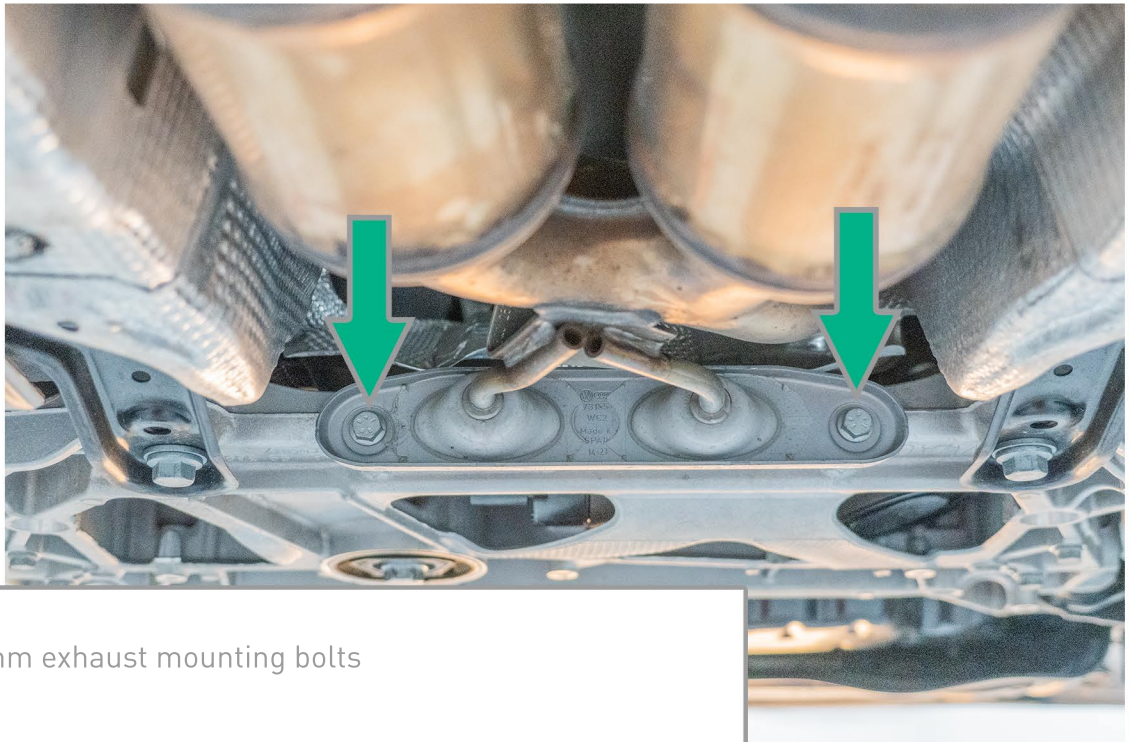


9



Remove two 18mm steering rack to subframe mounting bolts

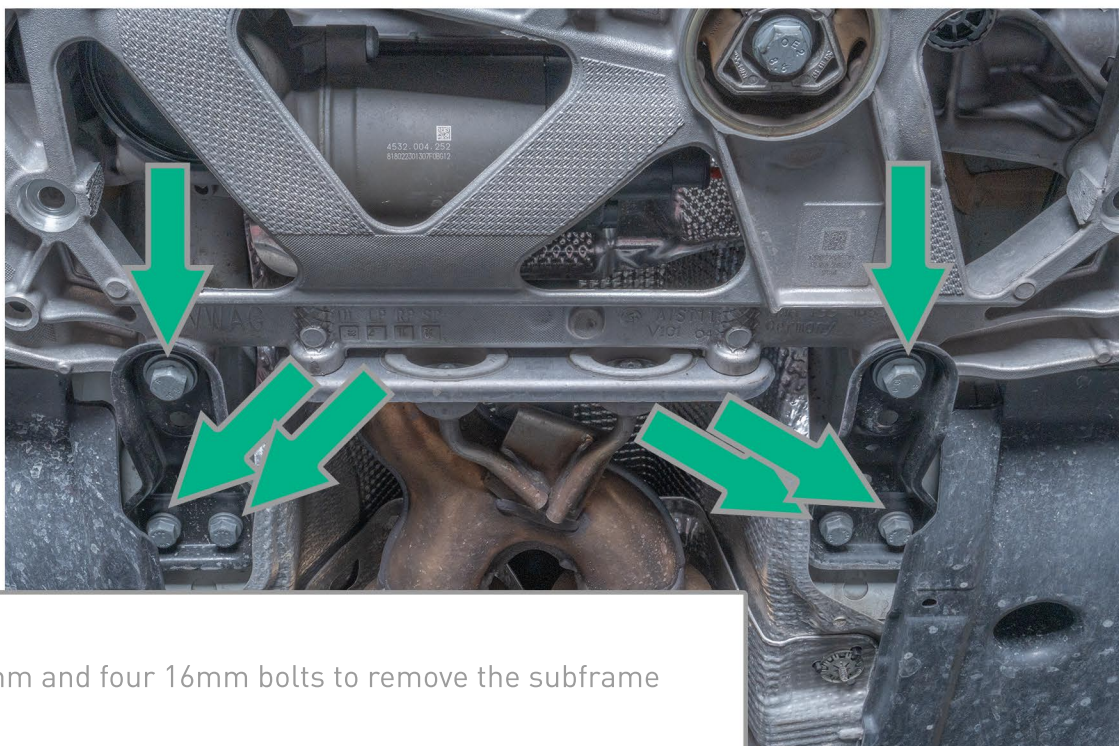
10



Remove two 13mm exhaust mounting bolts

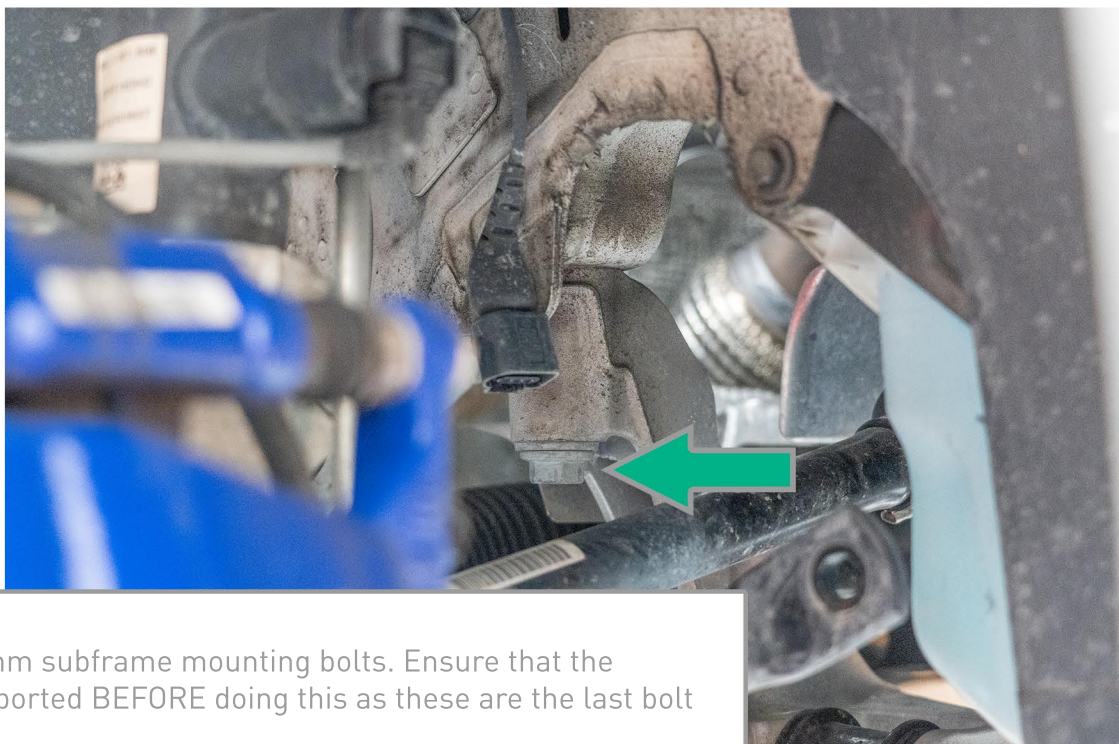


11



Remove two 18mm and four 16mm bolts to remove the subframe mounts

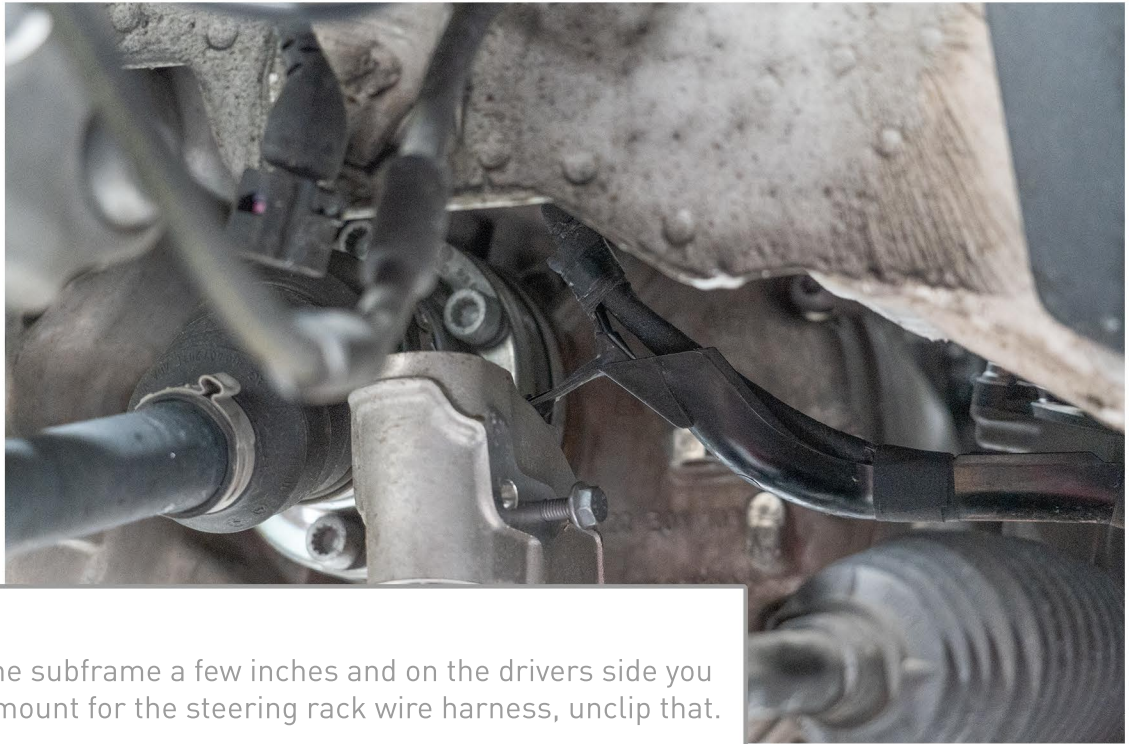
12



Remove two 18mm subframe mounting bolts. Ensure that the subframe is supported BEFORE doing this as these are the last bolt holding it up



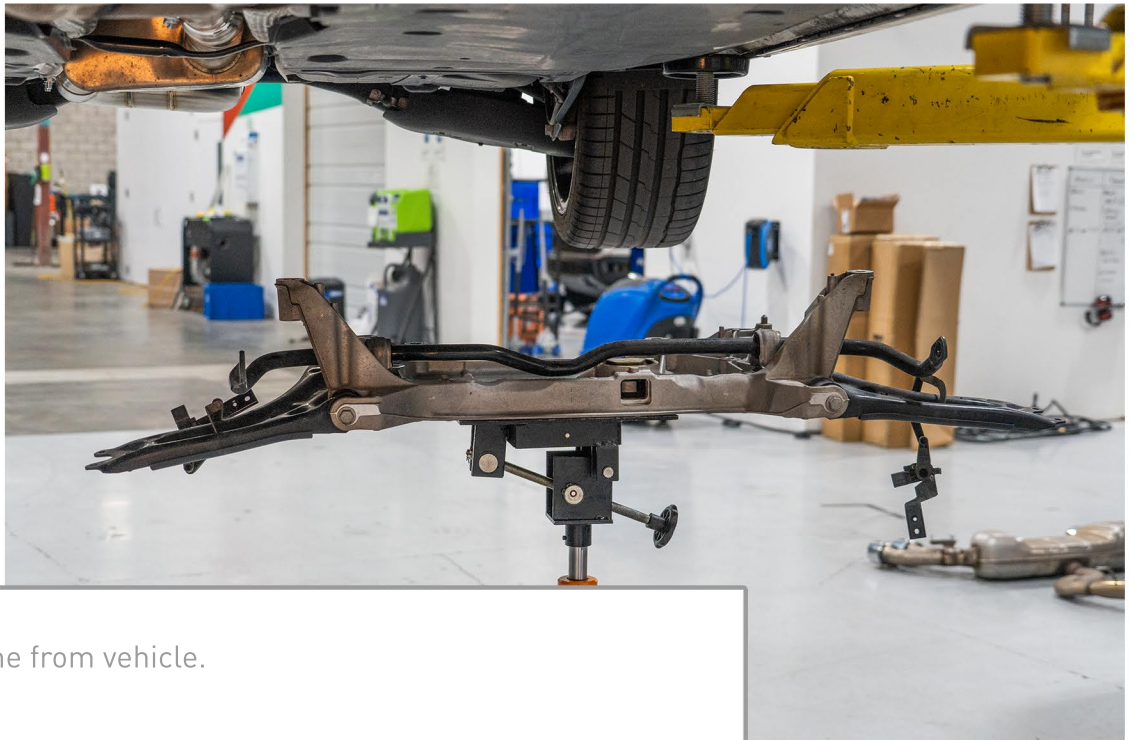
13



Begin to lower the subframe a few inches and on the drivers side you will see a black mount for the steering rack wire harness, unclip that.

There are dowels on the steering rack that might be stuck and need pried to come loose

14



Remove subframe from vehicle.

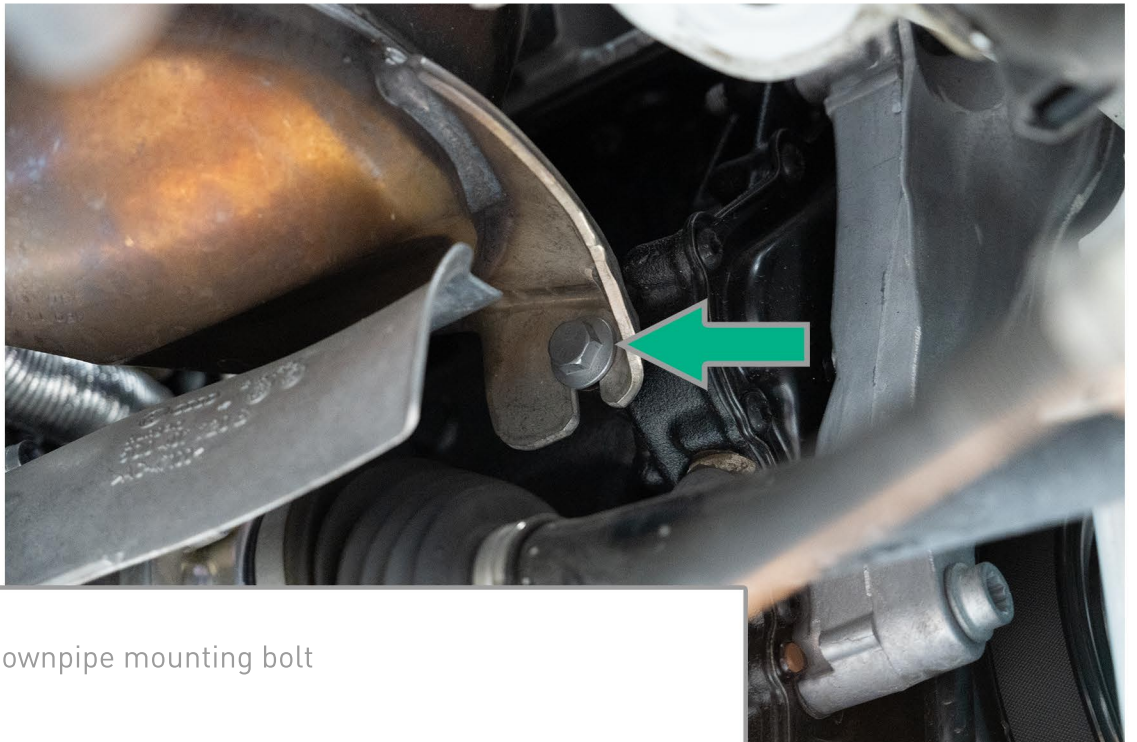


15



Remove rear O2 sensor from the back of the downpipe

16



Remove 13mm downpipe mounting bolt

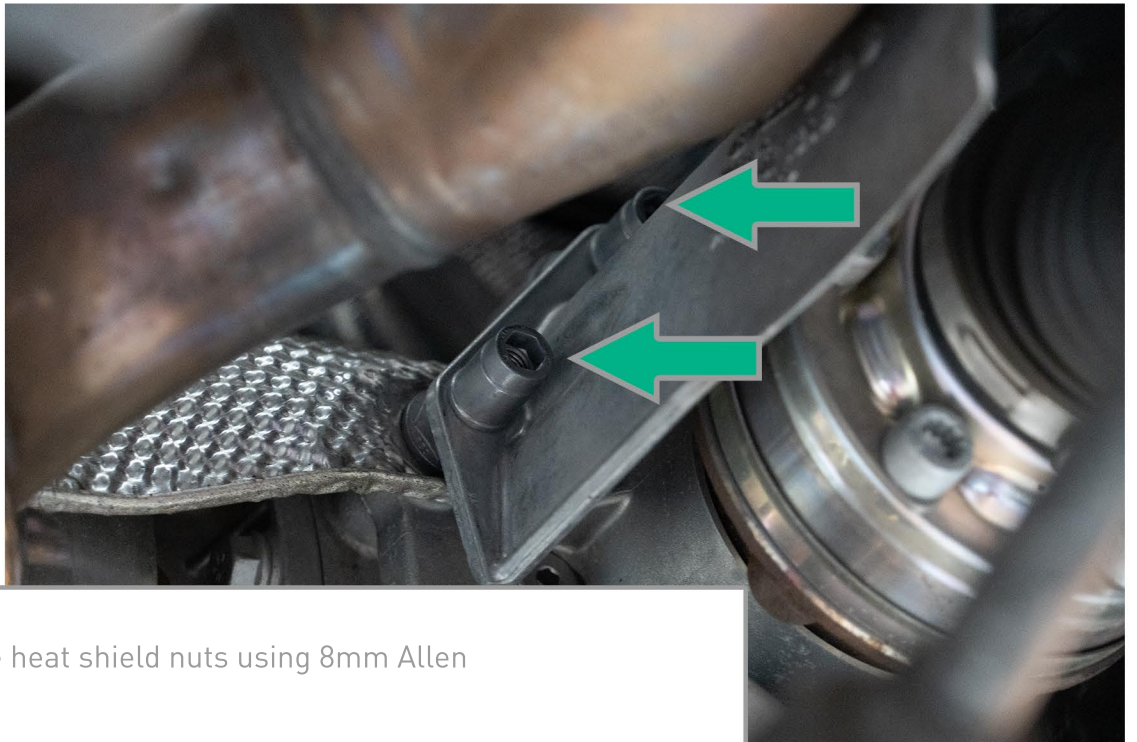


17



Remove the exhaust clamp that secures the downpipe to the catback portion of the exhaust using a 15mm socket.

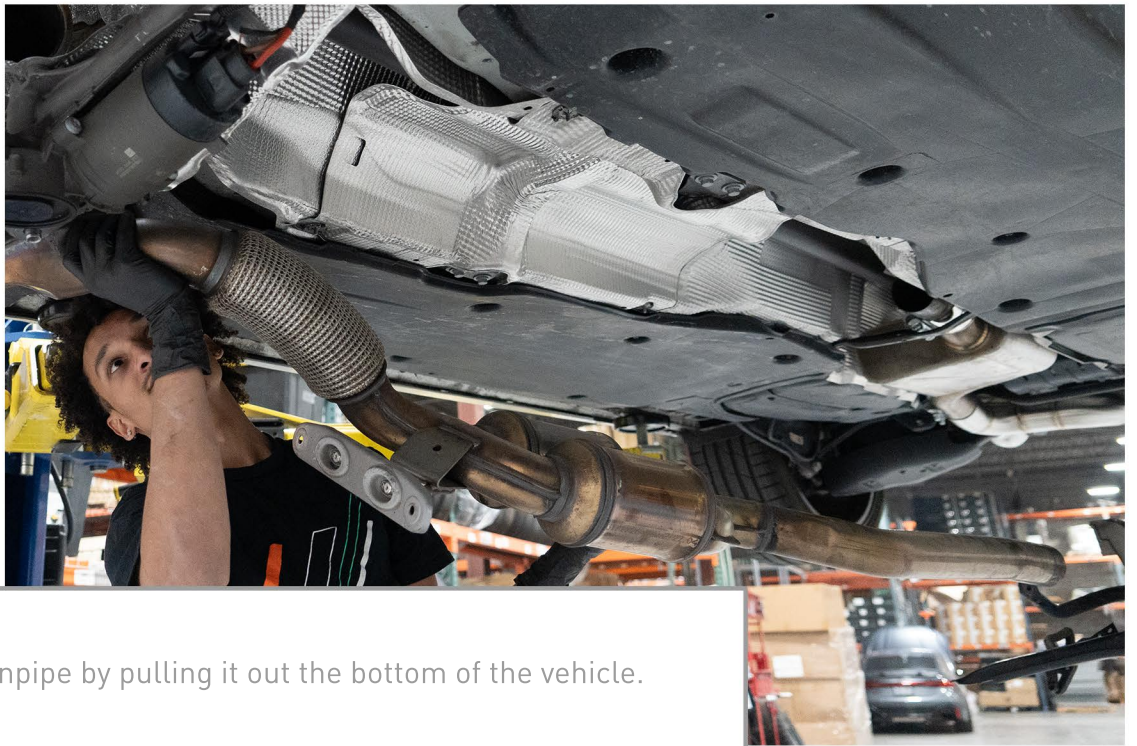
18



Remove two axle heat shield nuts using 8mm Allen

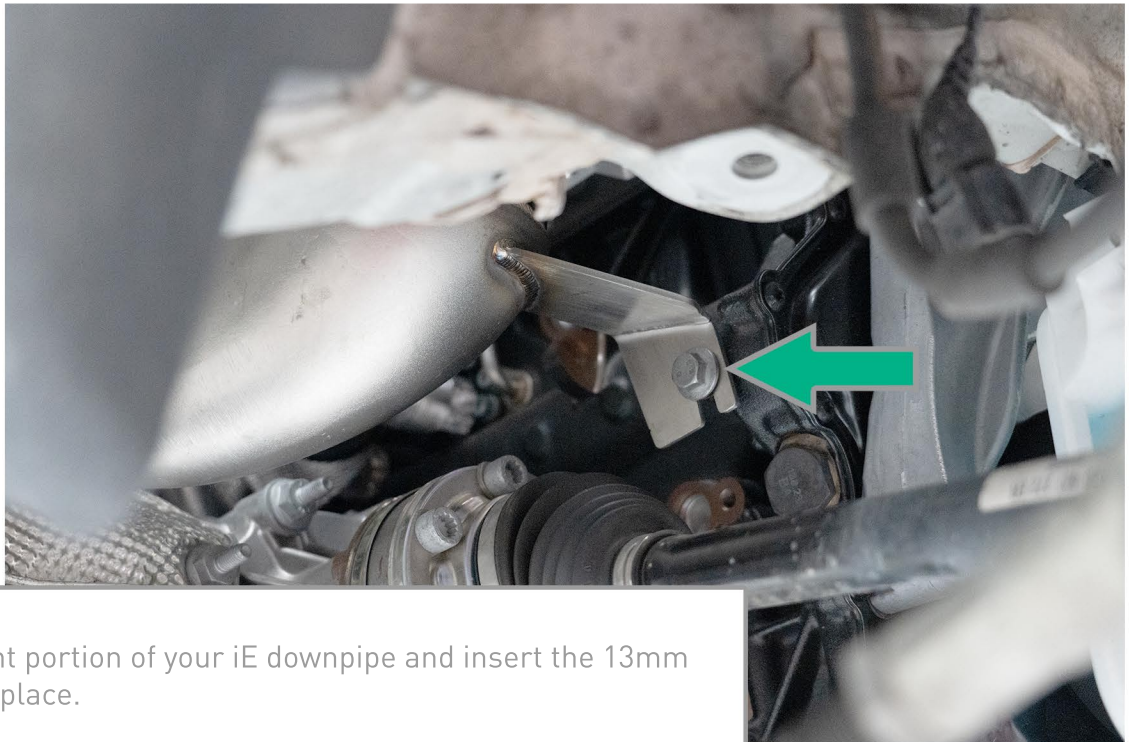


19



Remove the downpipe by pulling it out the bottom of the vehicle.

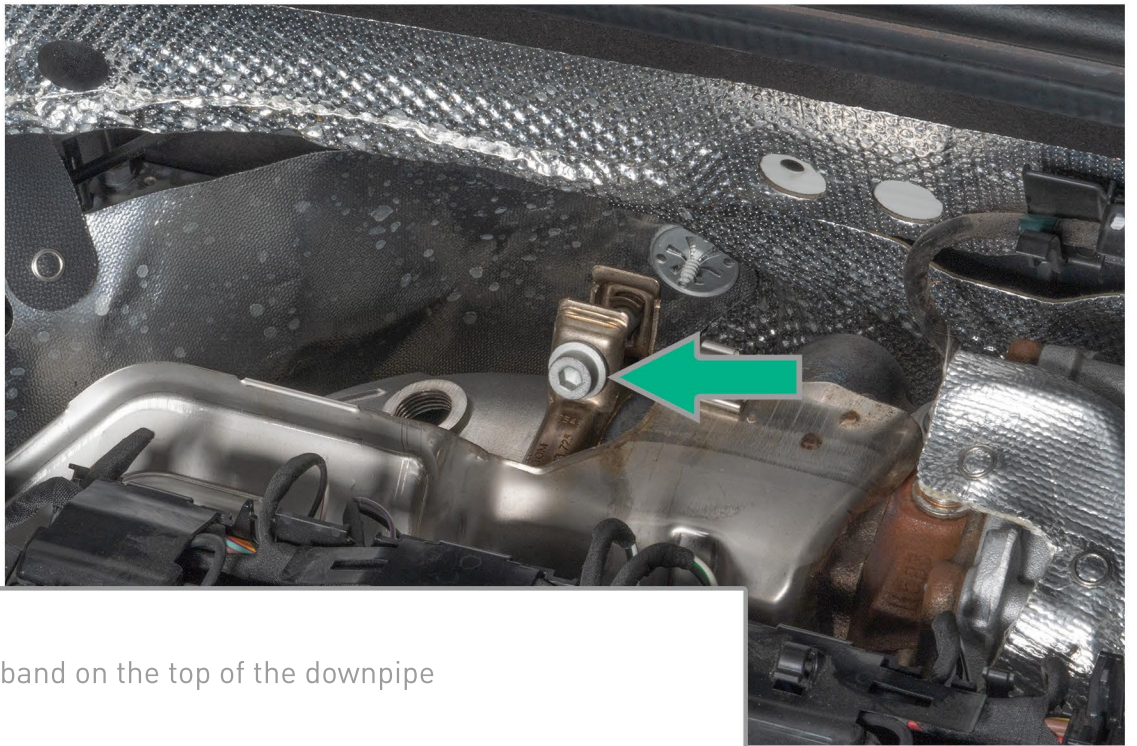
20



Raise up the front portion of your iE downpipe and insert the 13mm bolt to keep it in place.



21



Loosely install v band on the top of the downpipe

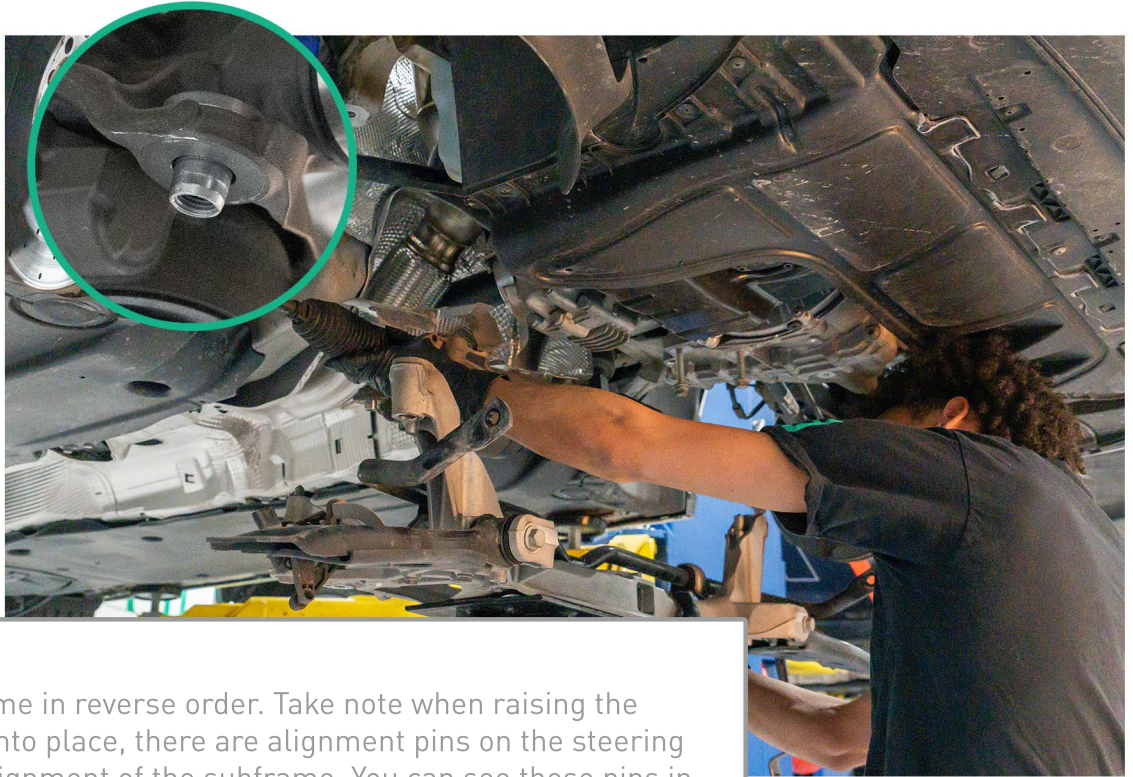
22



Reinstall upper and lower o2 sensors



23



Reinstall subframe in reverse order. Take note when raising the subframe back into place, there are alignment pins on the steering rack that help alignment of the subframe. You can see these pins in the detailed view bubble in the top left of the photo.

24



Drill out center hole of the downpipe mount using a 3/8" Drill bit. This will allow you to remove the OE Mount from the OE downpipe. Once it has been drilled, pry off the mount and reinstall the mount on your iE downpipe.

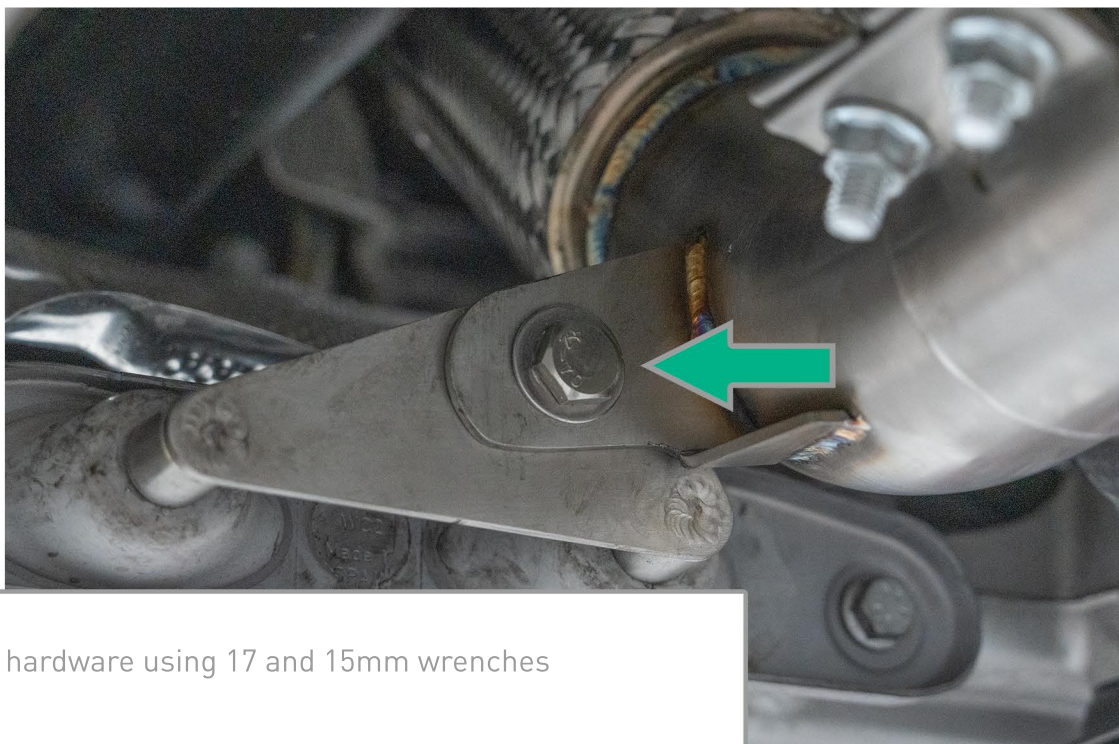


25



Install the mount in place on the subframe.

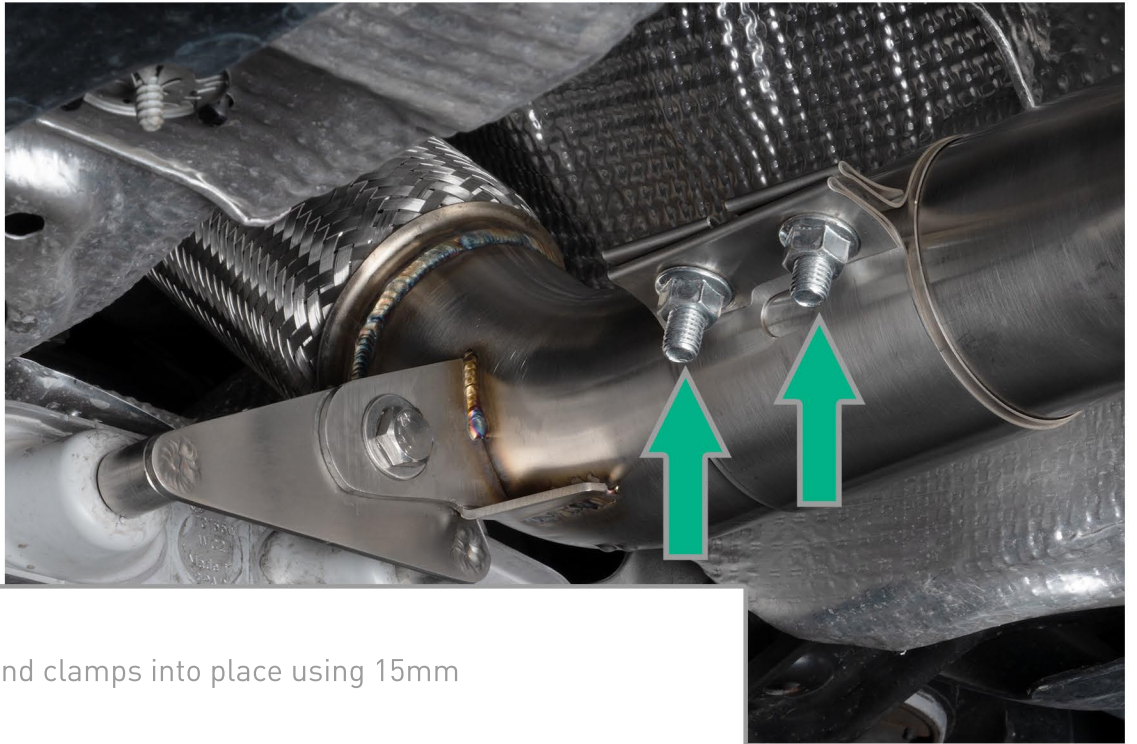
26



Install mounting hardware using 17 and 15mm wrenches



27



Install midpipe and clamps into place using 15mm

28



Installation is now complete. Check all fittings for tightness and enjoy the look, sound, and performance of your new iE downpipe!



ENJOY!

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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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