

PERFORMANCE BY



INSTALLATION GUIDE

iE C8 Rear Sway Bar Kit / iE End Rear End Link Kit

IESUCY3 / IESSCK5



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 3 Hours on average

REQUIRED TOOLS

- M10, M12 Triple Square
- 10, 13, 16, 21mm Sockets/Wrenches
- Torque Wrench

REQUIRED PARTS

- No additional parts are required for this install

OPTIONAL PARTS

- iE Front Sway Bar and End Link Kit

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

SPECIAL NOTE:

This install guide has been photographed and written on a 2022 RS6. Some steps and factory hardware specifications may vary depending on vehicle model, year, and region. This guide is for reference purposes only. If you are unsure of the installation procedure for any individual step or part, please seek professional help before proceeding.



INCLUDED PARTS

Rear Sway Bar

- 01 - C8 RS6/RS7 Rear Sway Bar Bushing (2)
- 02 - C8 RS6/RS7 Rear Sway Bar Bracket (2)
- 03 - C8 RS6/RS7 Rear Sway Bar
- 04 - High-Strength Steel Flanged Hex Head Screw, M8 X 1.25MM - 25MM LONG (4)
- 05 - ZINC-PLATED STEEL GREASE FITTING, 1/4"-28 (2)

Rear End Links

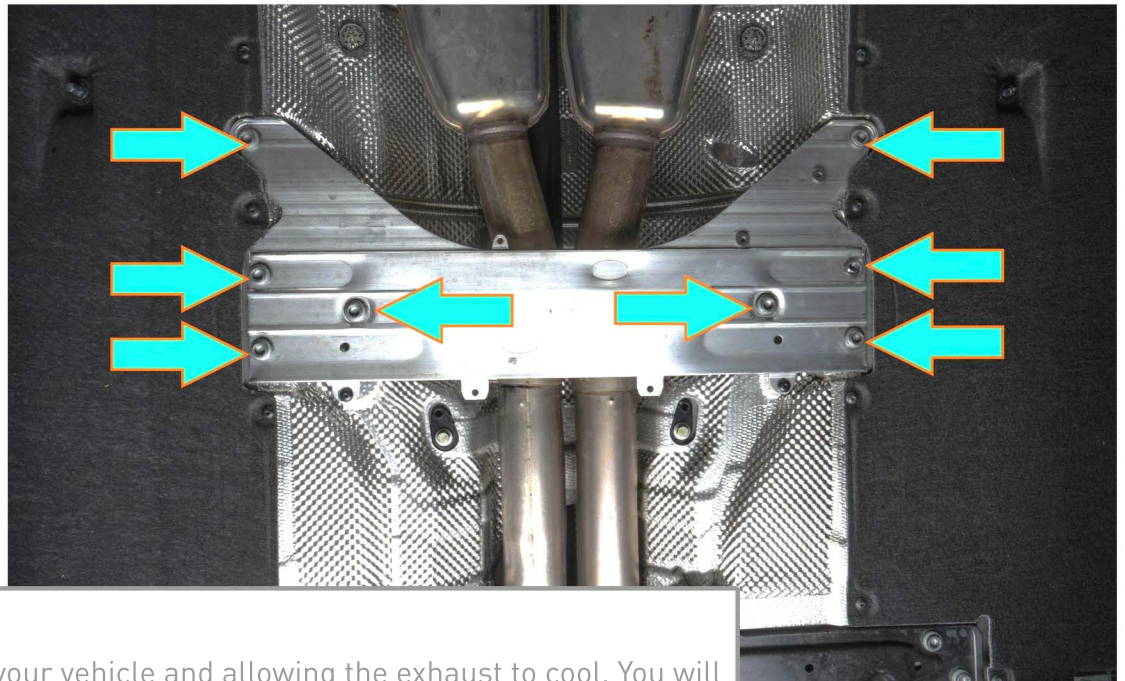
- 01 - Rear End Link (2)
- 02 - Rear Link Ball Joint (2)
- 03 - End Link Wrench



Some items may be partially assembled.

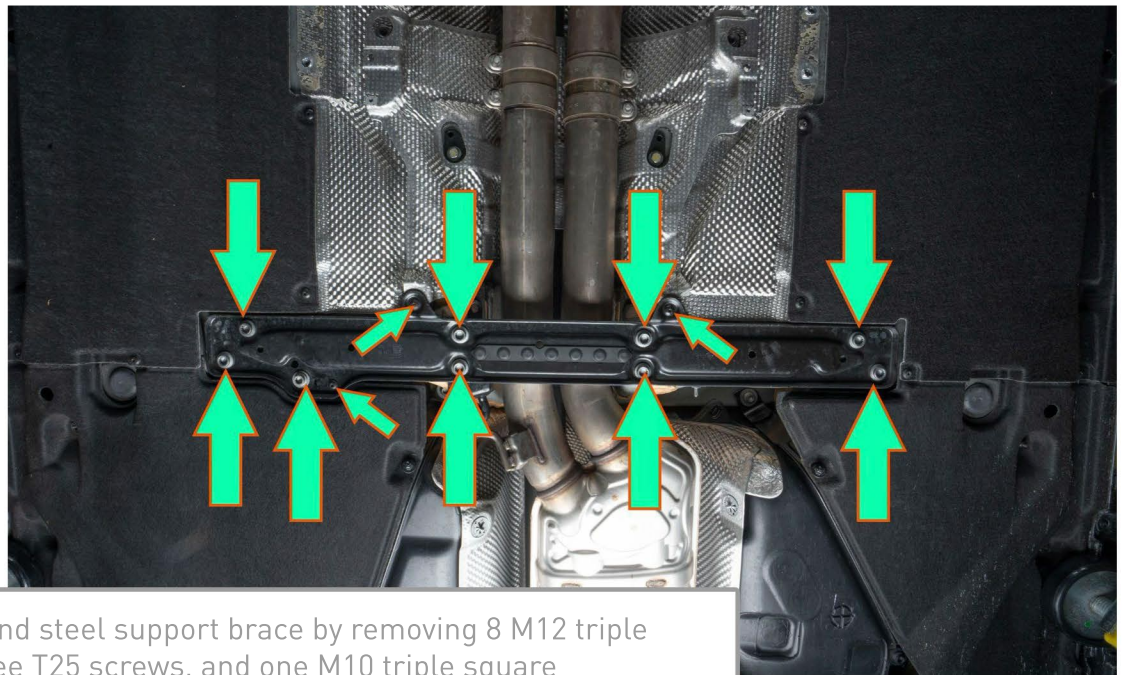


1



Begin by raising your vehicle and allowing the exhaust to cool. You will then begin the process of dropping the exhaust. Step one is remove eight M12 triple square bolts, and two T25 from the first aluminum support brace in the middle of the car.

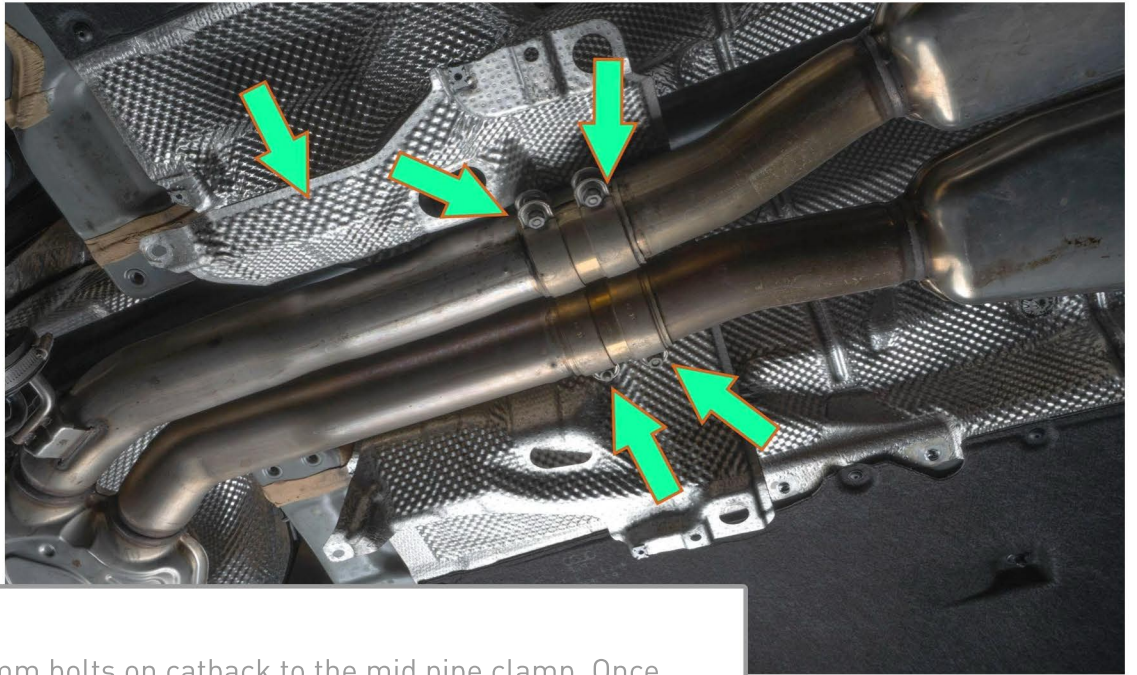
2



Remove the second steel support brace by removing 8 M12 triple square bolts, three T25 screws, and one M10 triple square supporting the gas tank.

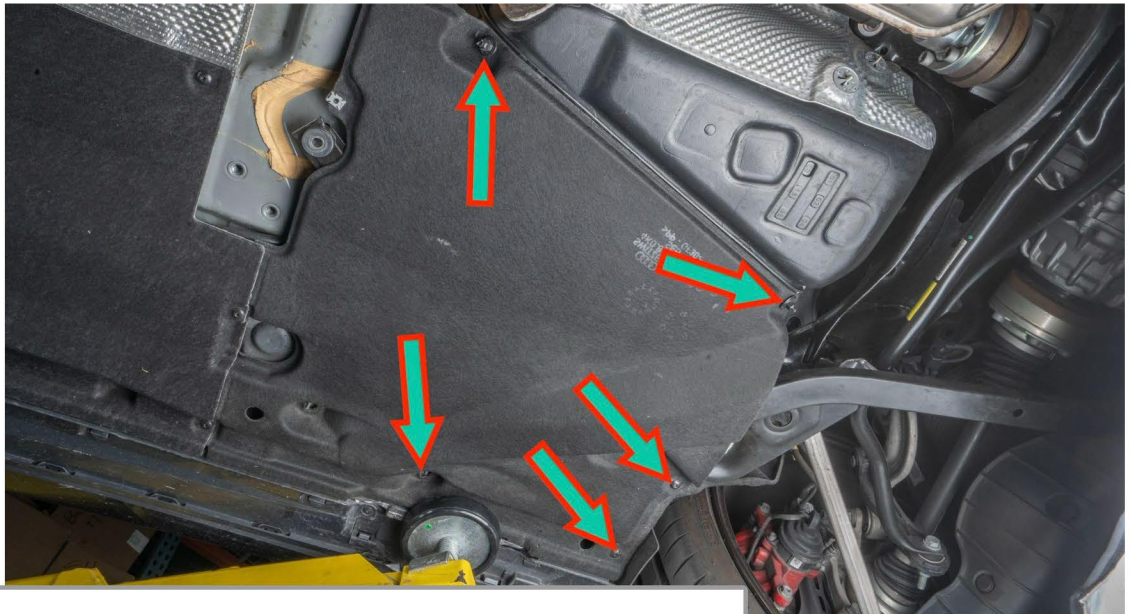


3



Remove four 13mm bolts on catback to the mid pipe clamp. Once loosened, remove trans tunnel heat shield. Once these have been removed, OEM mid pipes should be free to remove.

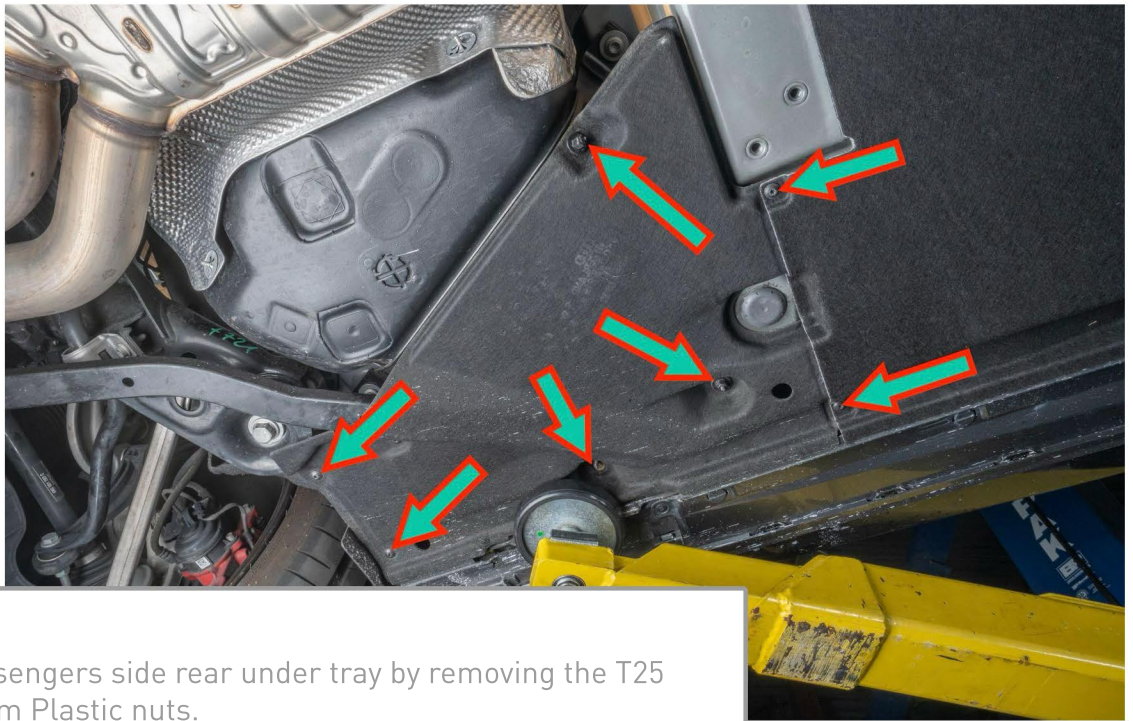
4



Remove the Drivers side rear under tray by removing the T25 screws and 10mm Plastic nuts.

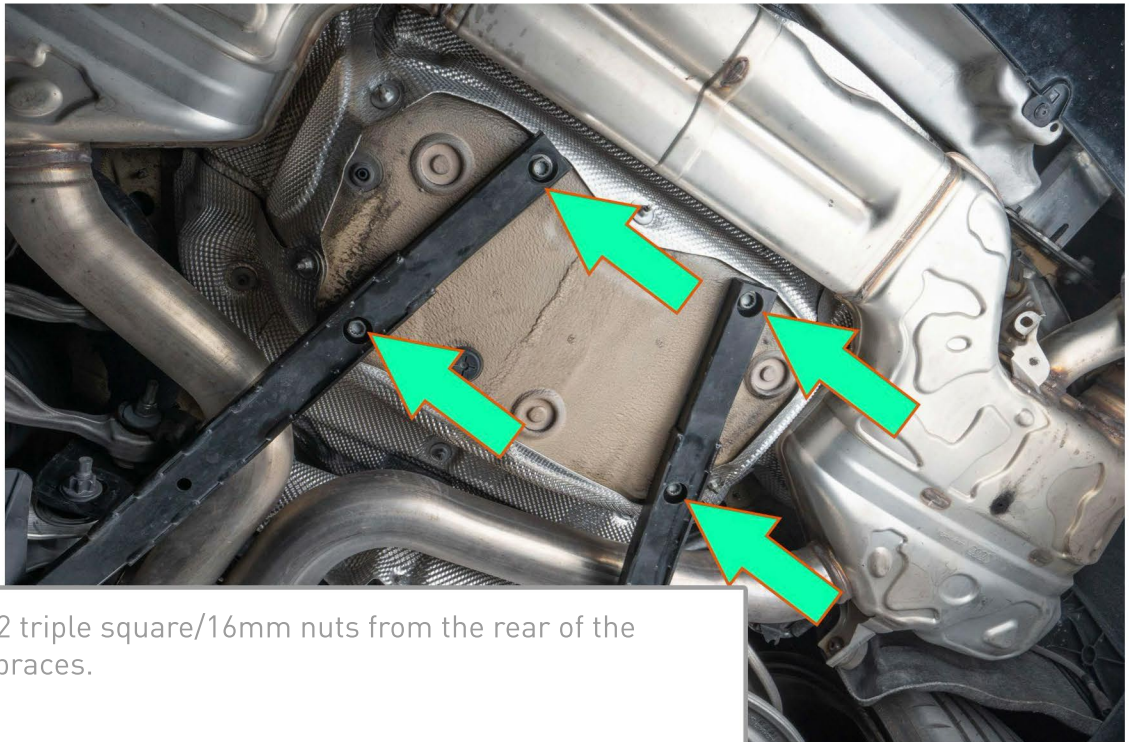


5



Remove the Passengers side rear under tray by removing the T25 screws and 10mm Plastic nuts.

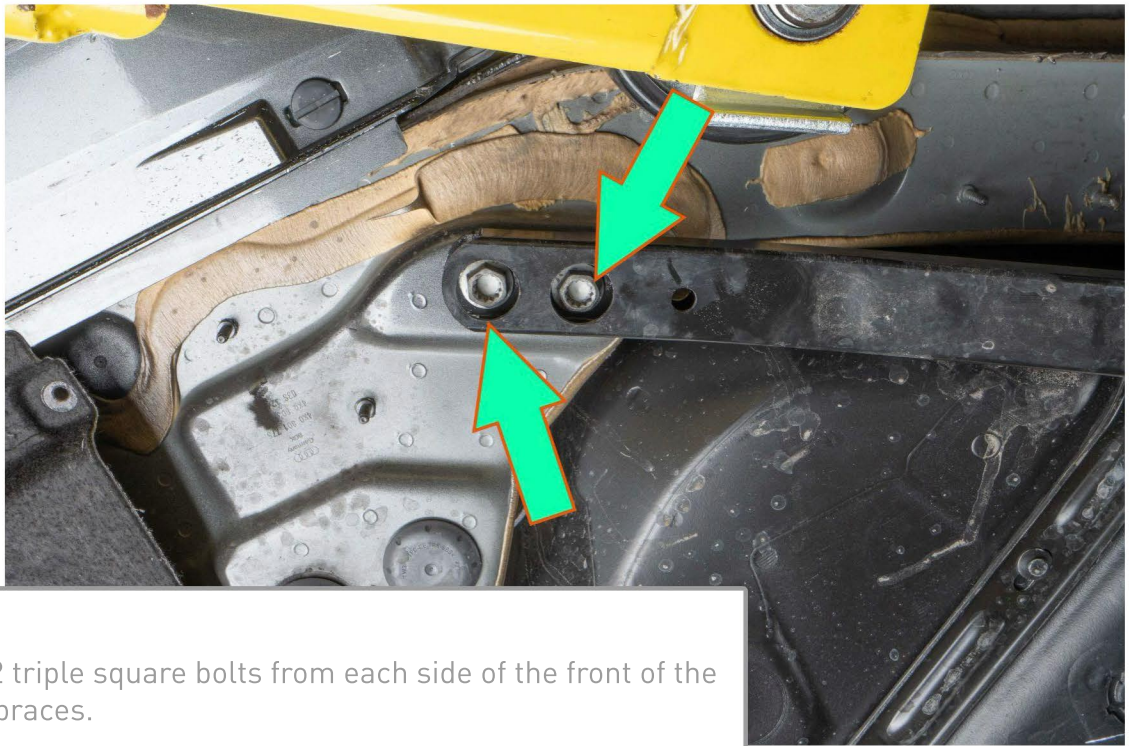
6



Remove four M12 triple square/16mm nuts from the rear of the trailing support braces.

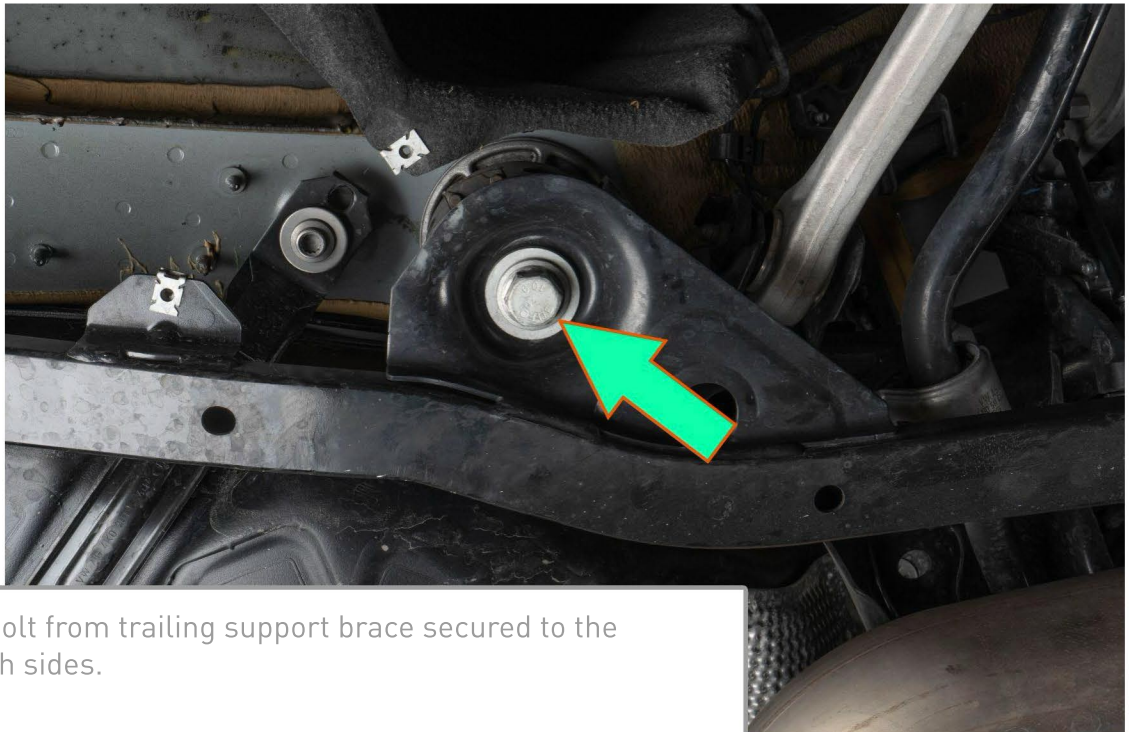


7



Remove two M12 triple square bolts from each side of the front of the trailing support braces.

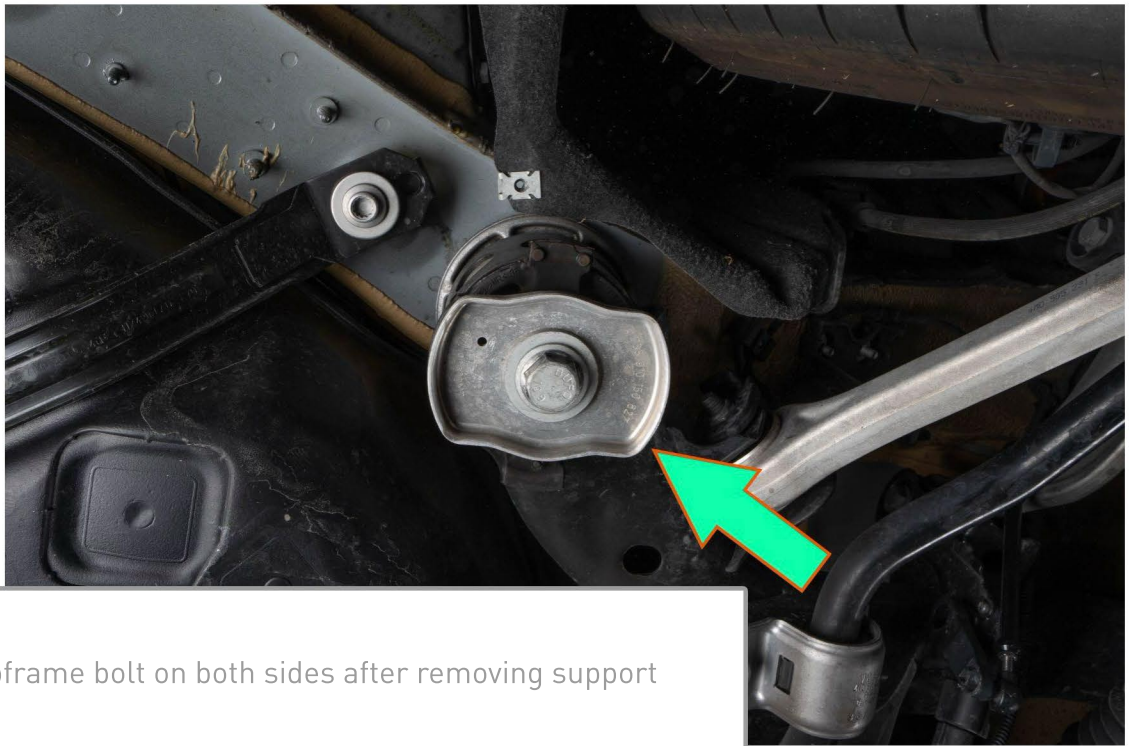
8



Remove 21mm bolt from trailing support brace secured to the subframe on both sides.

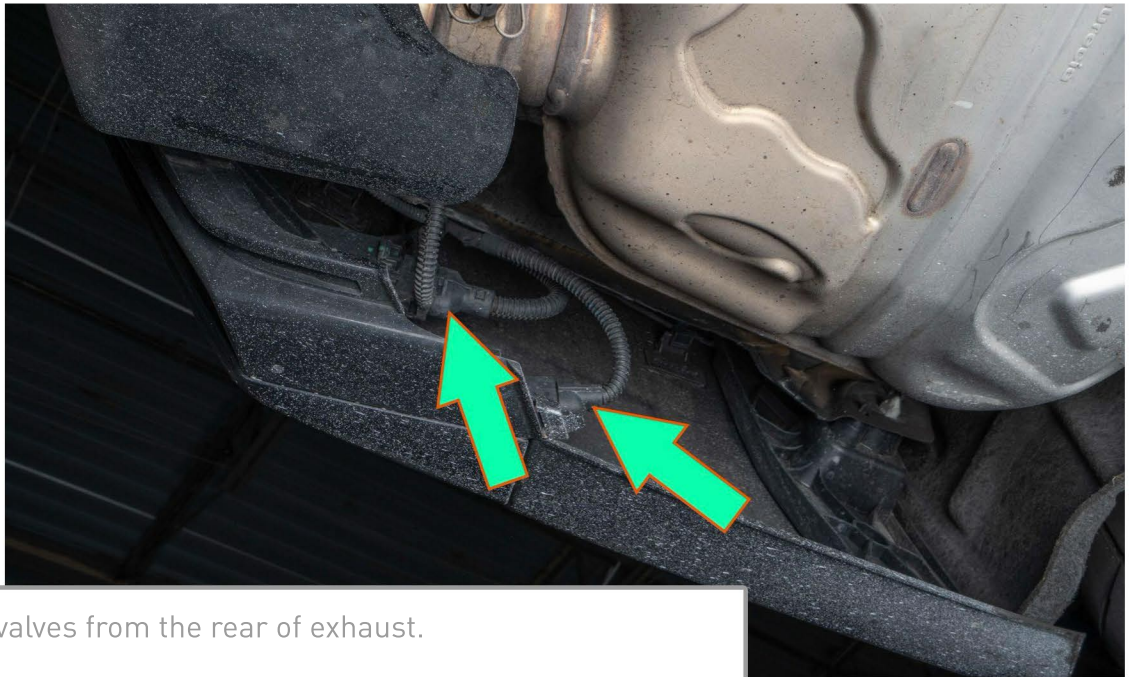


9



Reinstall the subframe bolt on both sides after removing support brace for safety.

10



Unplug exhaust valves from the rear of exhaust.

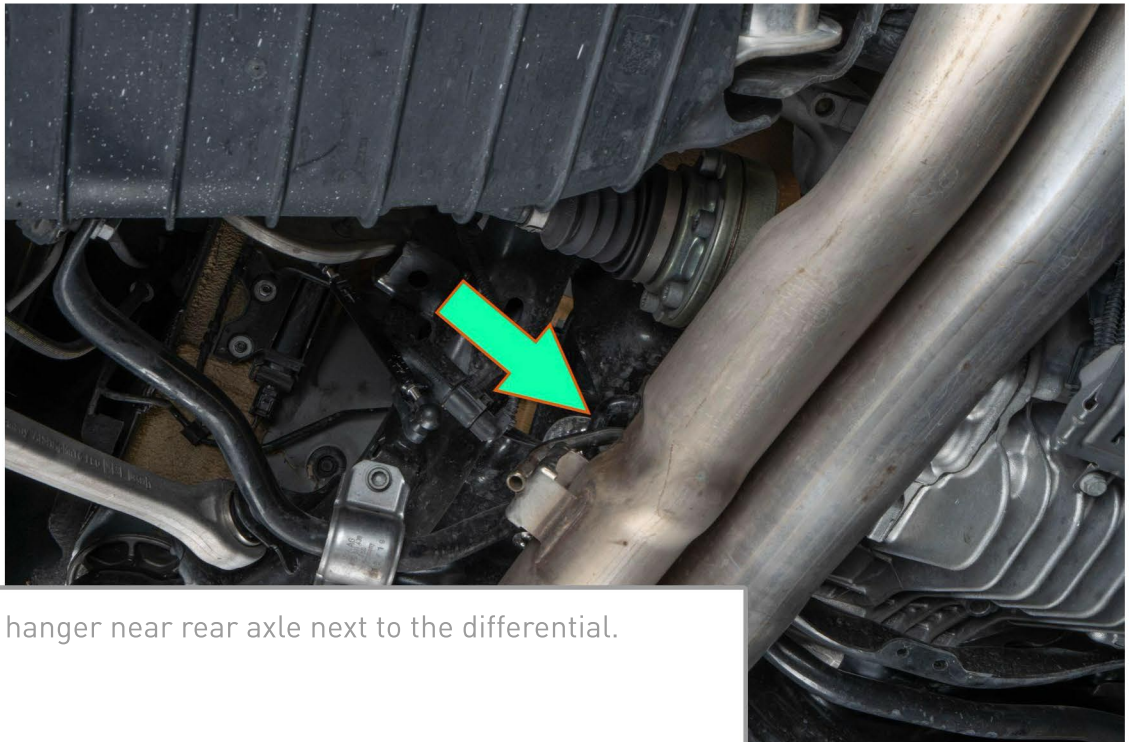


11



Remove two forward position hangers on the rear muffler on each side.

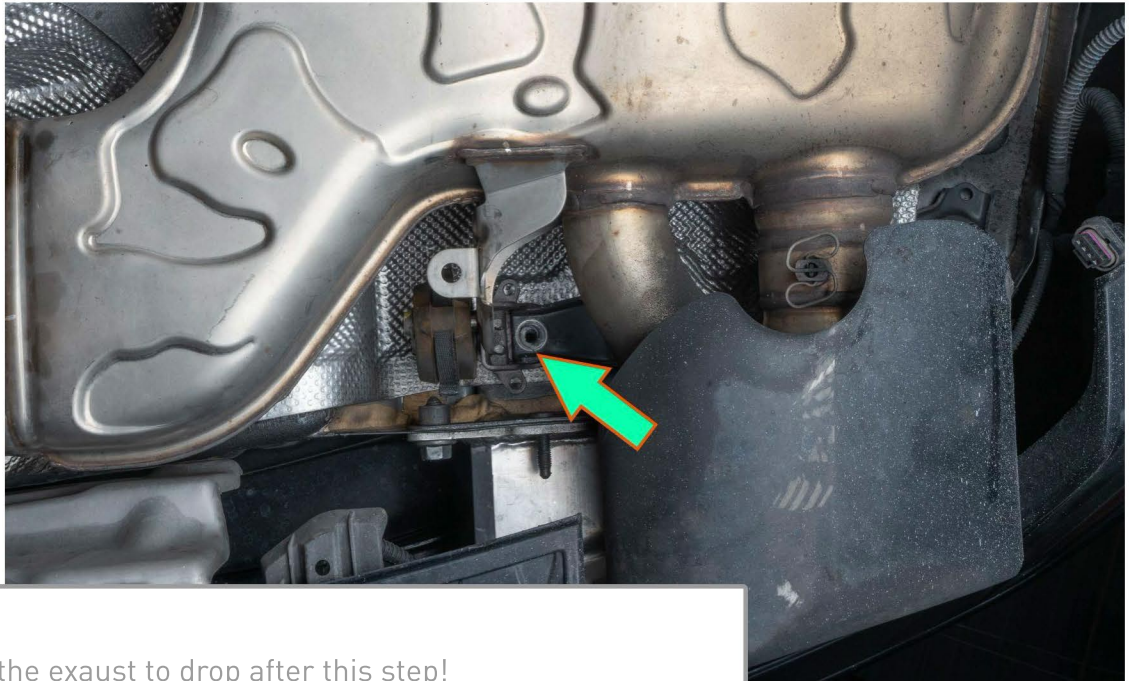
12



Remove exhaust hanger near rear axle next to the differential.



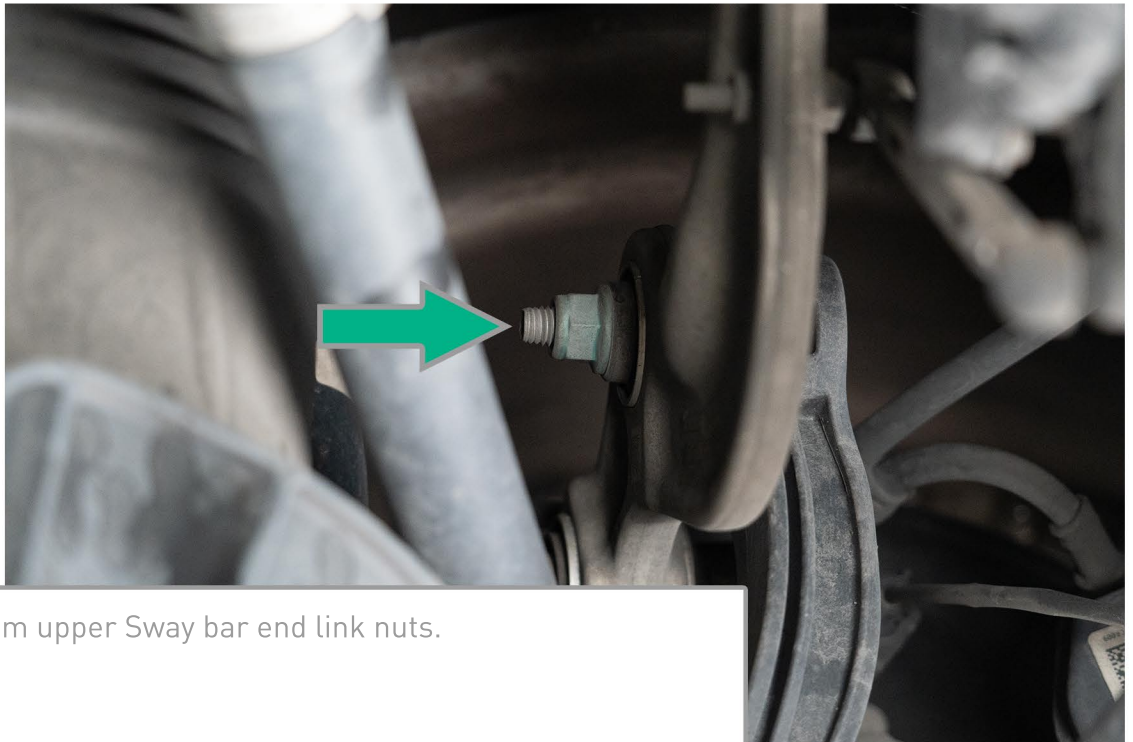
13



Be prepared for the exhaust to drop after this step!

Remove two 13mm bolts holding rear of exhaust and remove rear exhaust assembly with mid pipes.

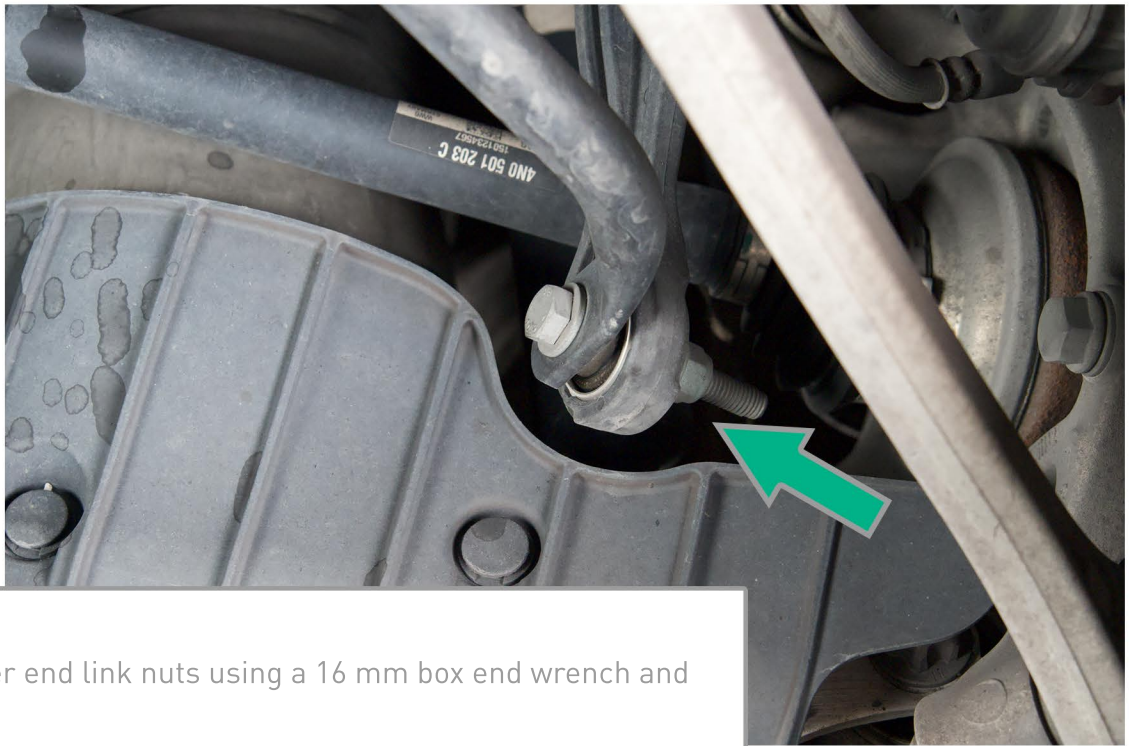
14



Remove the 16mm upper Sway bar end link nuts.

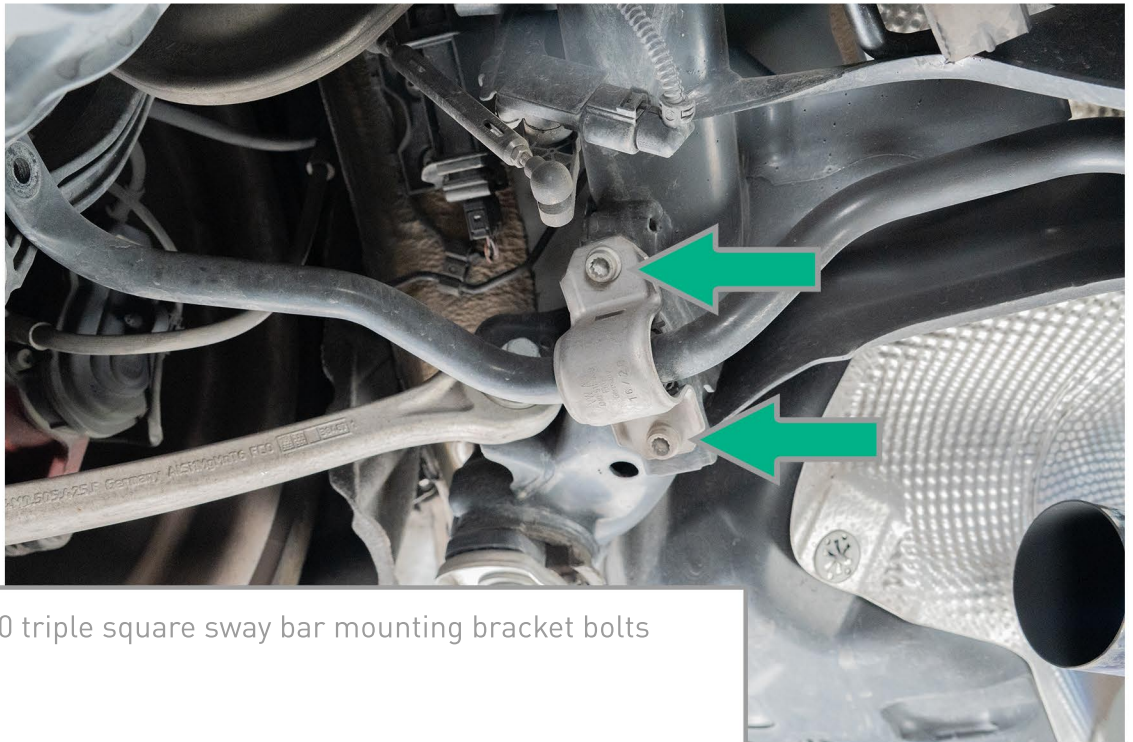


15



remove two lower end link nuts using a 16 mm box end wrench and socket

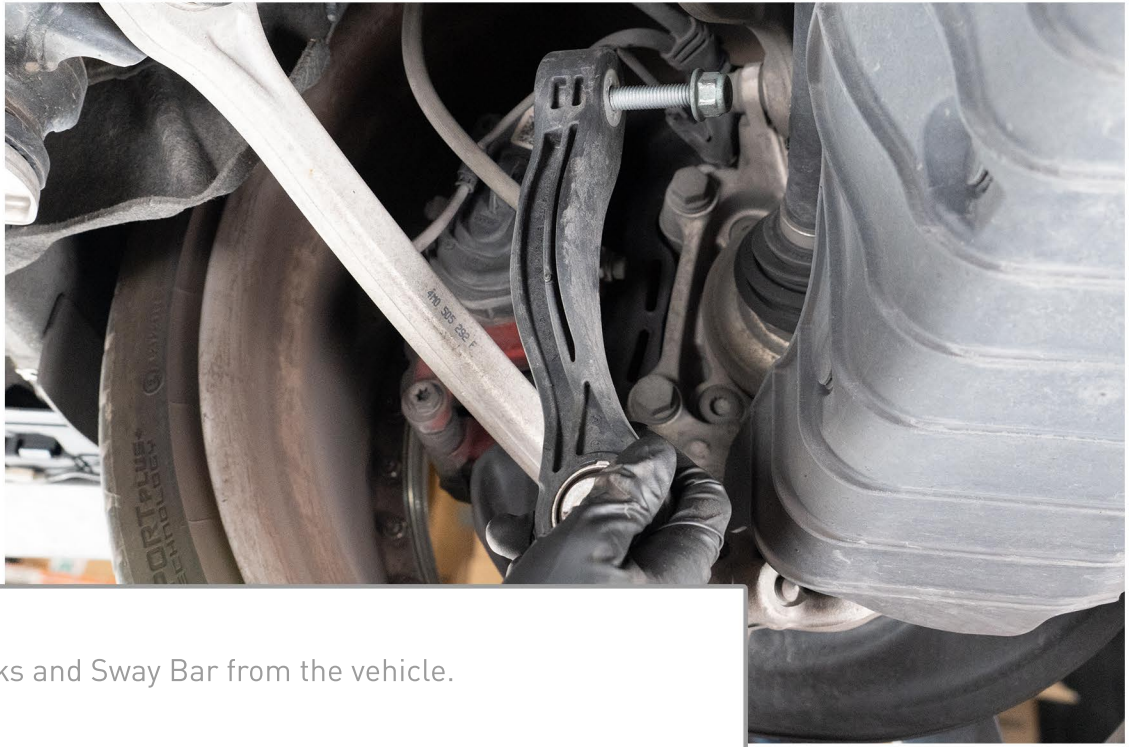
16



Remove four m10 triple square sway bar mounting bracket bolts

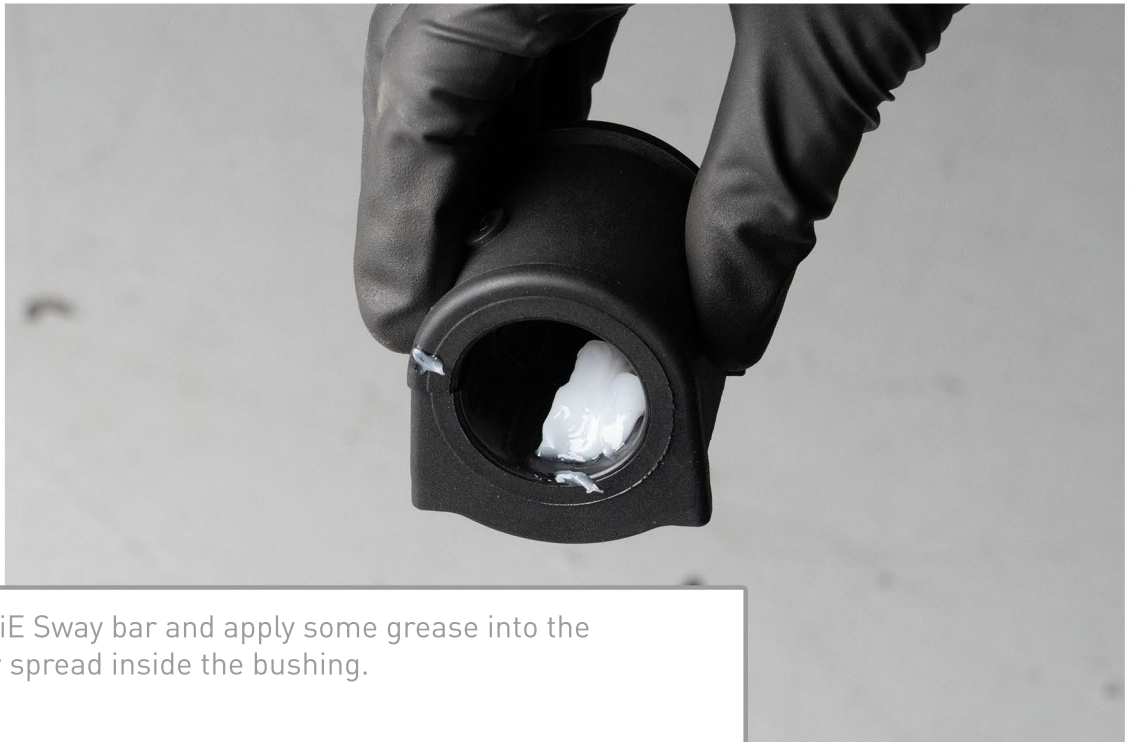


17



Remove End Links and Sway Bar from the vehicle.

18



Unbox your new iE Sway bar and apply some grease into the bushings. Evenly spread inside the bushing.



19



Install the bushings onto the sway bar take note of the zerk fitting placement.

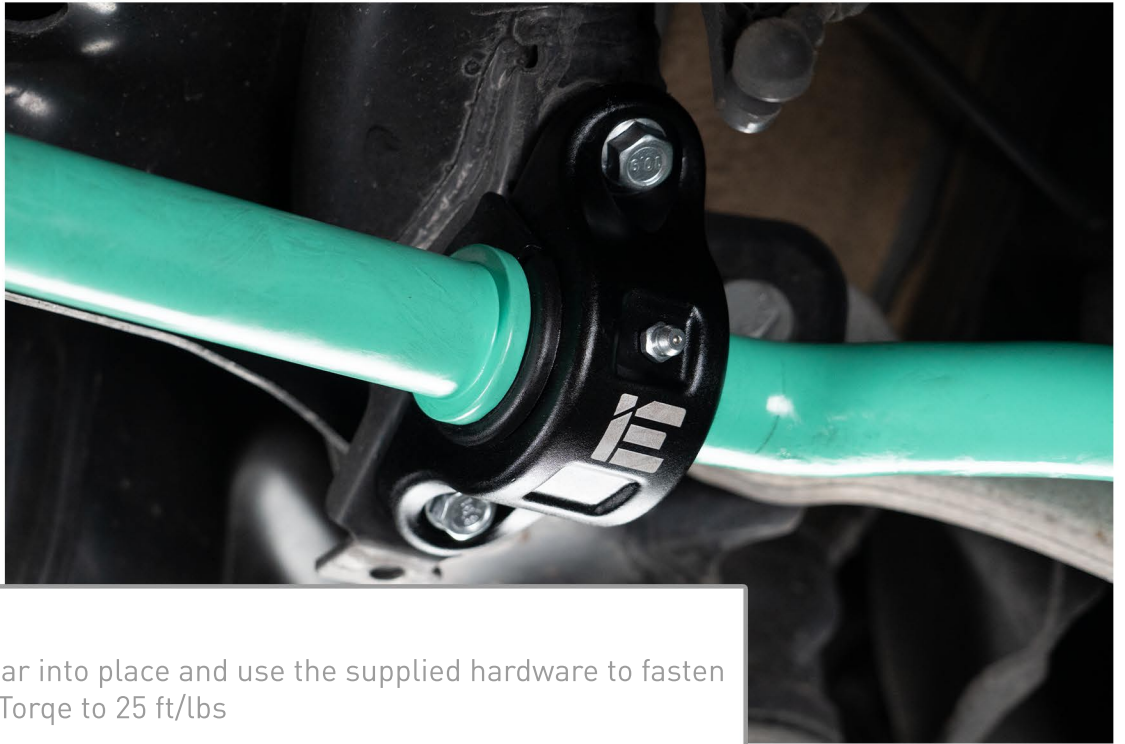
20



Loosely install the bracket onto the bushing.

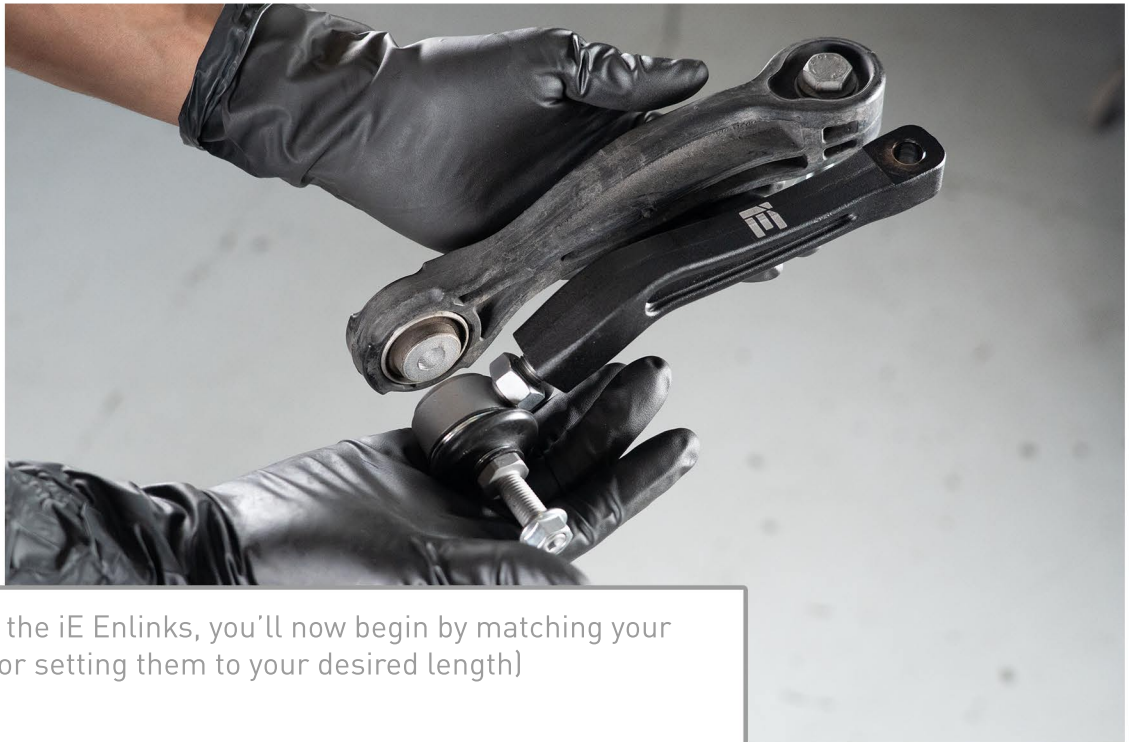


21



Raise the sway bar into place and use the supplied hardware to fasten it to the vehicle. Torque to 25 ft/lbs

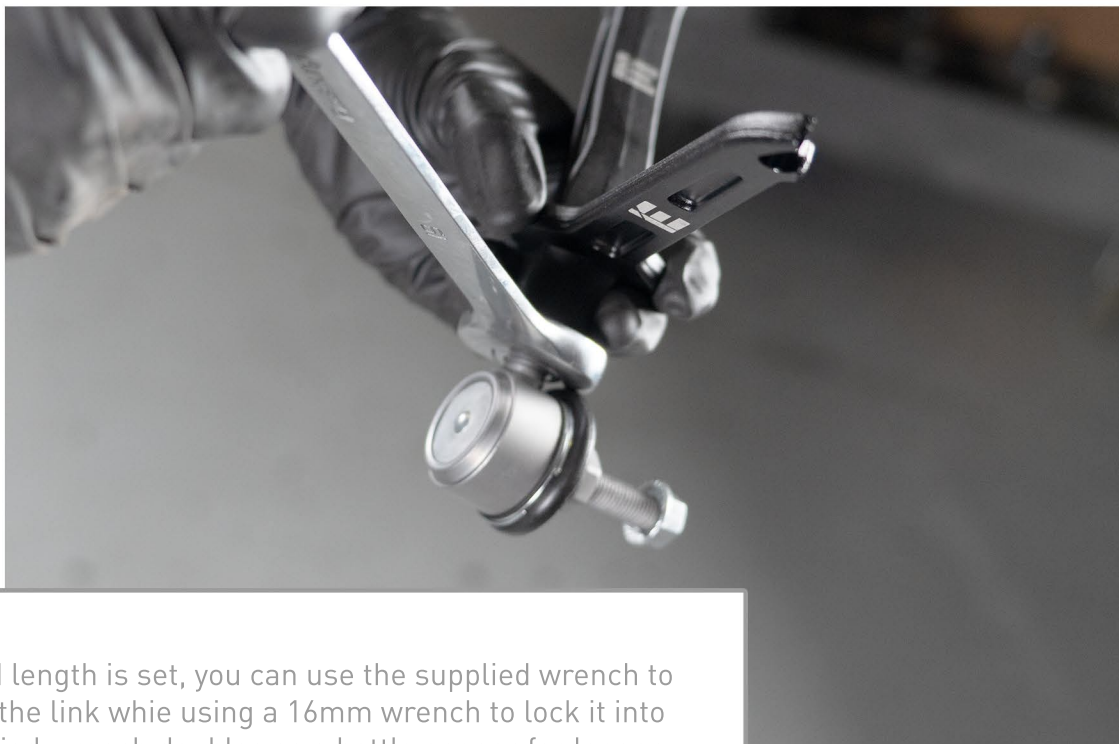
22



If you purchased the iE Enlinks, you'll now begin by matching your OE length links (or setting them to your desired length)

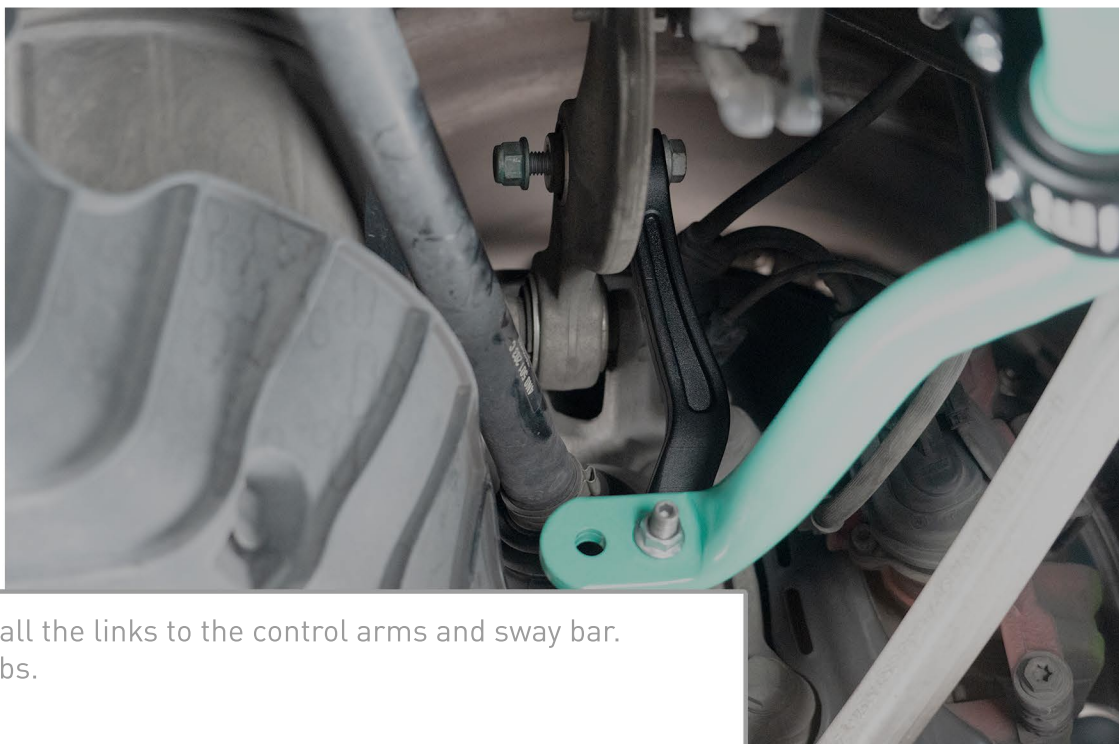


23



Once the desired length is set, you can use the supplied wrench to hold the body of the link while using a 16mm wrench to lock it into place. The Supplied wrench doubles as a bottle opener for longer, more frustrating work.

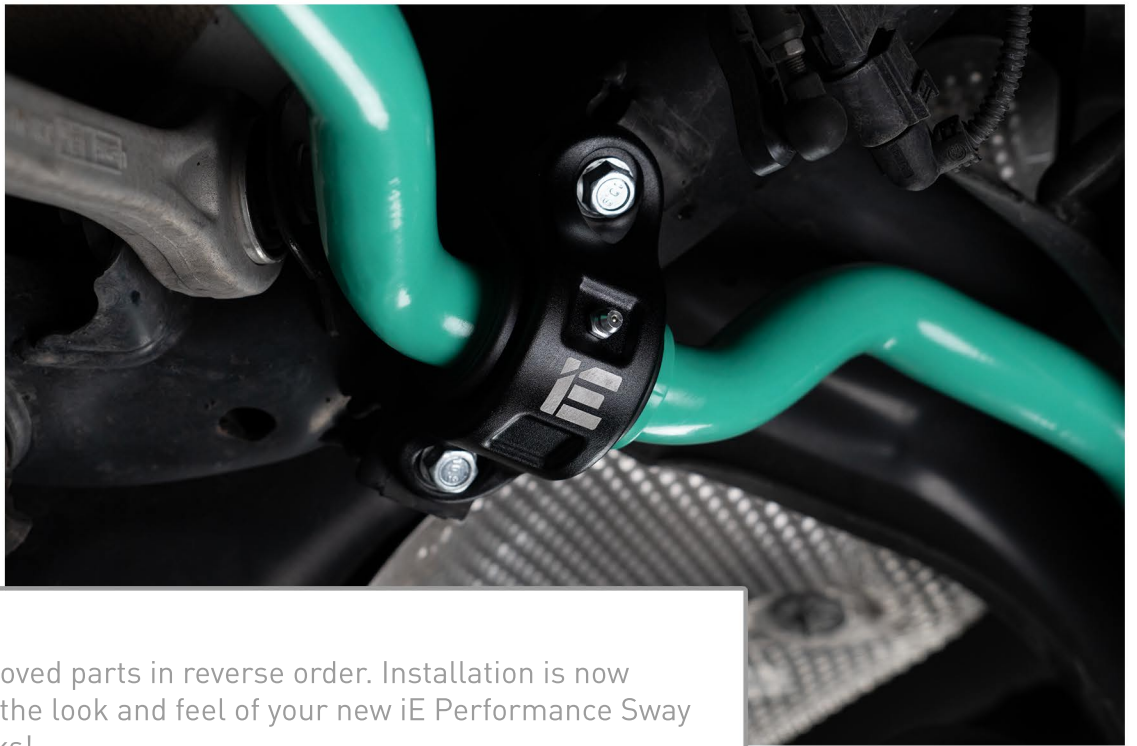
24



You can now install the links to the control arms and sway bar. Tighten to 40 ft/lbs.



25

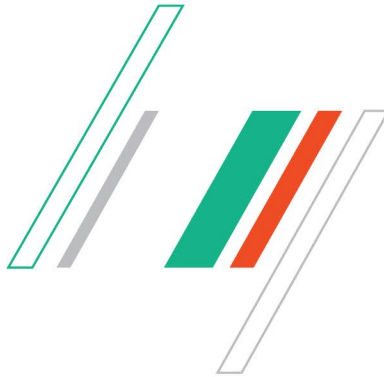


Reinstall all removed parts in reverse order. Installation is now complete! Enjoy the look and feel of your new iE Performance Sway Bar and End Links!



ENJOY!

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