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IE MQB FWD Front Sway Bar Install Guide
IE Part Numbers: IESUC18

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of IE's MQB FWD Front Sway Bar. 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.



TOOLS REQUIRED:

- Lift and Transmission Jack are highly recommended
- 17mm Wheel Lug Socket
- M6 Triple Square
- 18mm Box Wrench
- 10mm Socket
- 13mm Socket
- 16mm Socket

KIT CONTENTS:

- (1) IE MK7 GTI Front Sway Bar
- (2) MK7 GTI Front Sway Bar Bushings
- (2) MK7 Front Sway Bar Brackets
- (1) White Aluminum Grease Packet
- (4) Zinc-Plated Class 10.9 Steel Washer, M8 Screw Size
- (4) High-Strength Steel Serrated Flange Locknut, Class 10, Zinc-Plated, M8 x 1.25 mm Thread
- (4) High-Strength Class 10.9 Steel Hex Head Screw, Blue-Dyed Zinc-Plated, M8 x 1.25 mm Thread, 70 mm Long

Before you begin, park your vehicle in a safe and level location. Allow plenty of time for the engine to completely cool before beginning the installation procedure. Unbox your IE Sway Bar Kit to verify the contents and quantities and check for any possible shipping damage. Prepare your work space and locate the required tools listed above before starting.

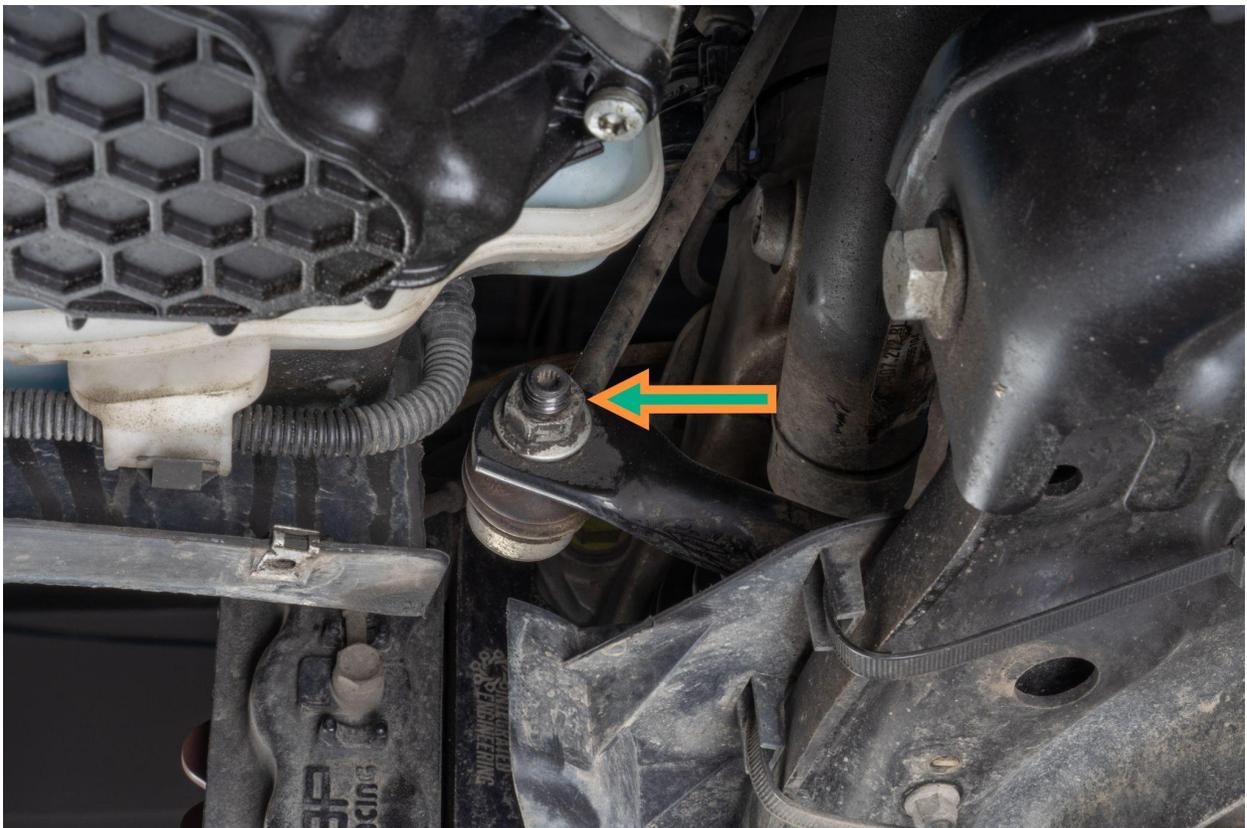
IE recommends pre-reading the entire installation guide ahead of your install to both prepare yourself for each step and to make sure you don't have any questions before beginning. If you have any questions or need clarification, please contact our helpful support team specialists at support@performancebyie.com

Some photos of this install guide were shot on a MK7 Golf R, but the instructions will remain the same for GTI.

Jack up both sides of the car so suspension is fully unloaded, then remove both front wheels. A lift is highly recommended for this job as the front subframe will be dropped during installation.



Remove lower end link nuts using M6 triple square and an 18mm wrench



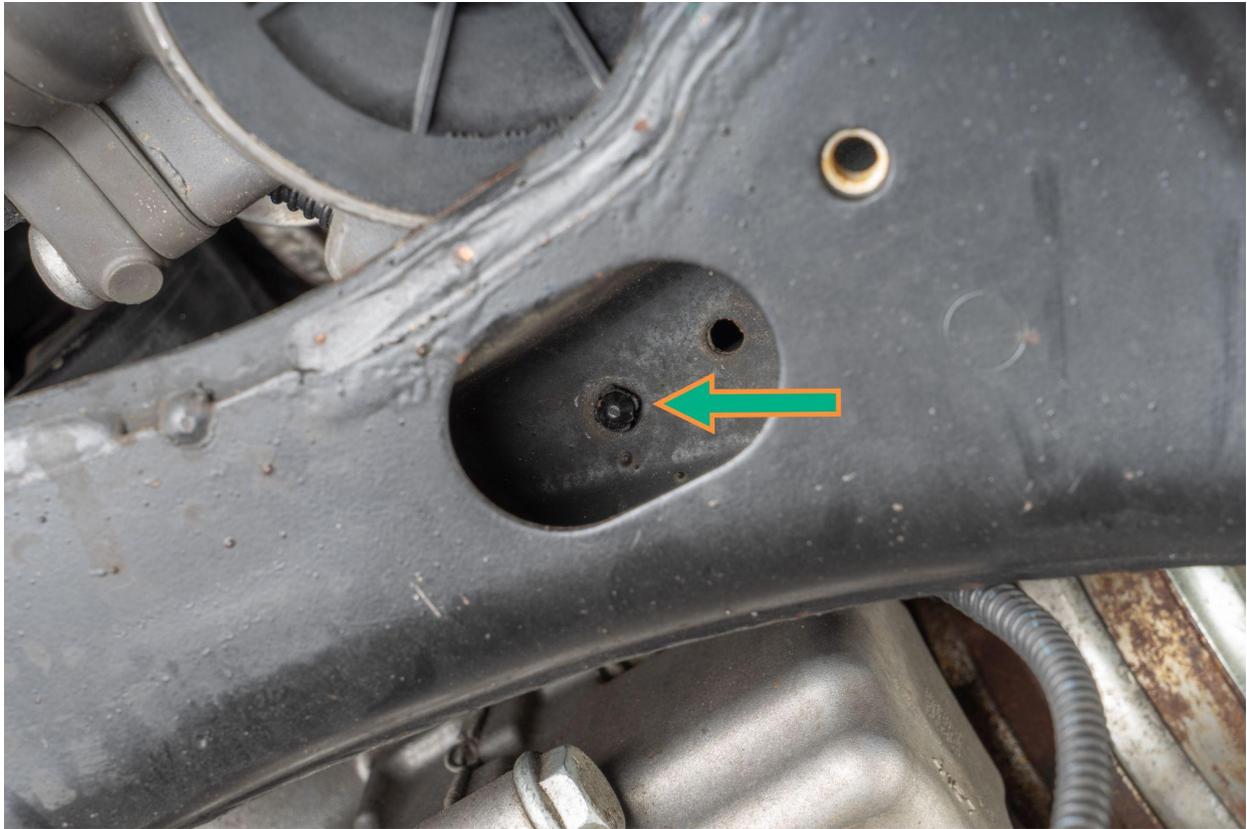
Gently pull down on the sway bar and pull link away from sway bar



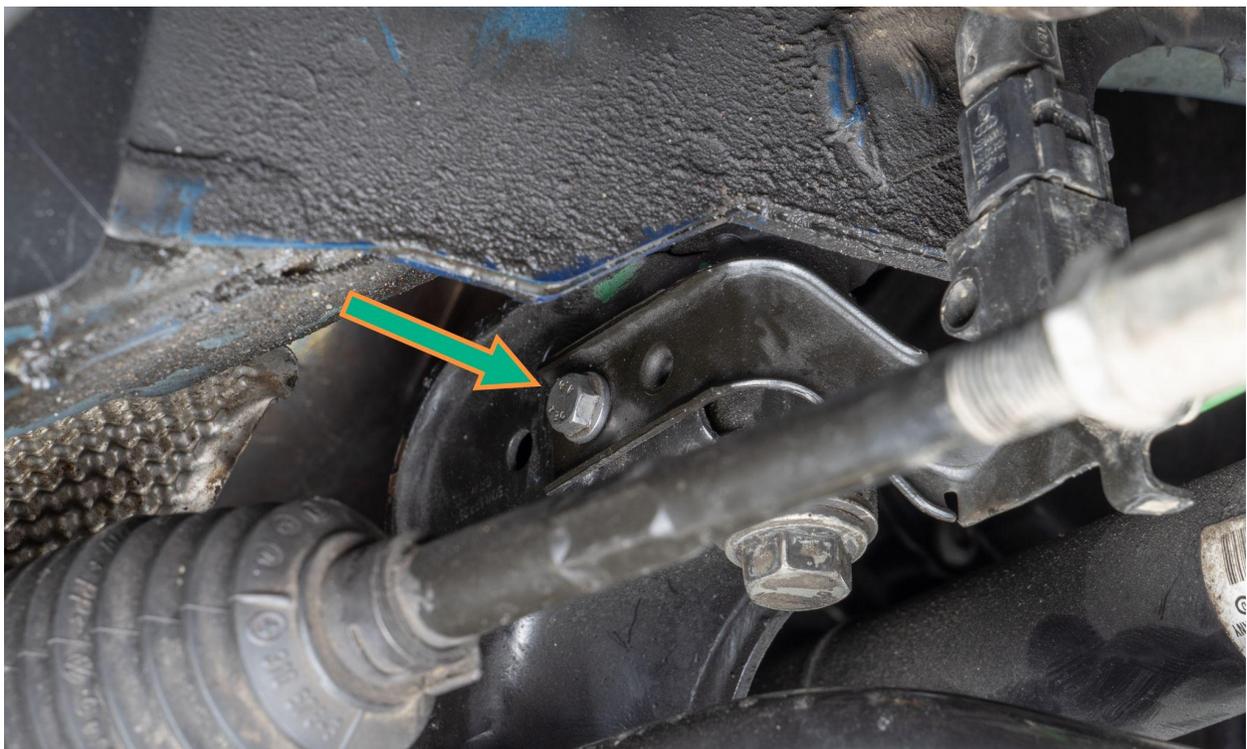
Remove oil level sensor plug from the sensor by pinching the clip, then pulling straight away from the sensor.



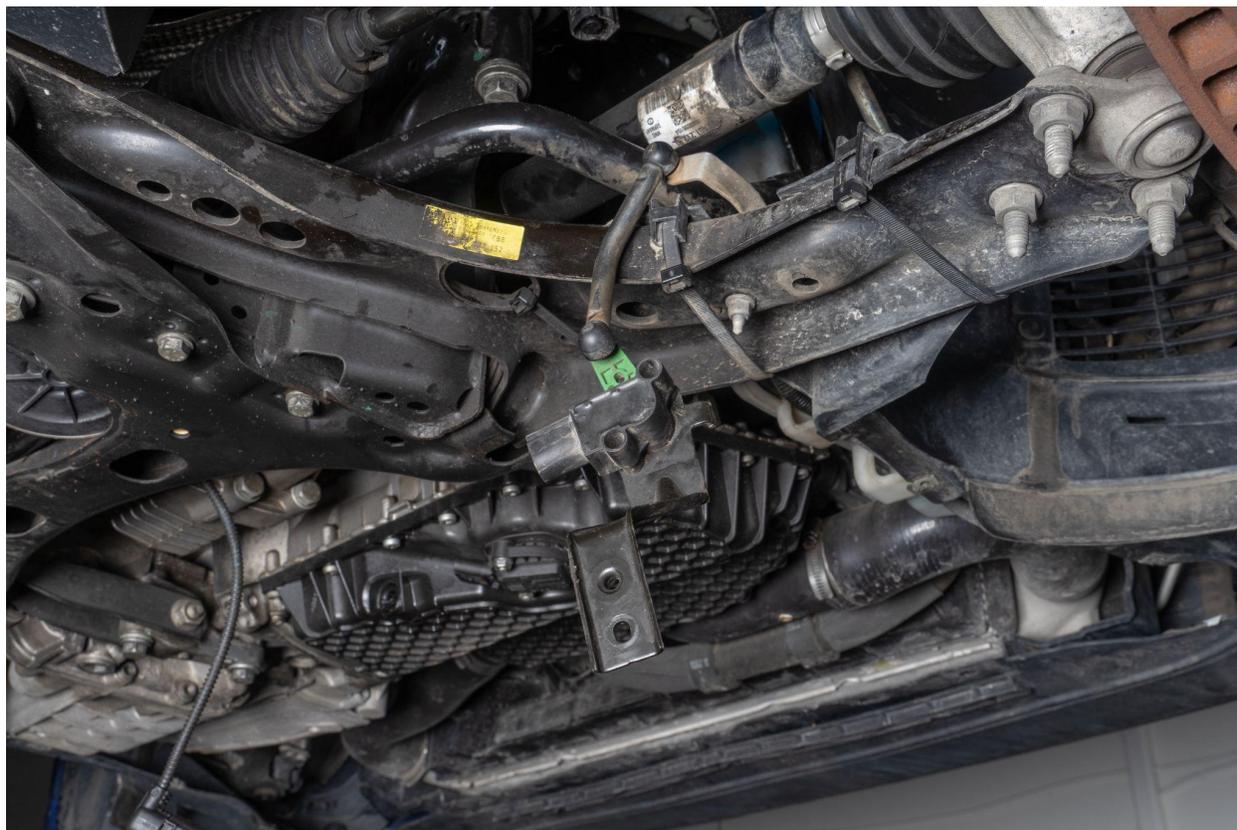
Follow the wires from the Oil Level Sensor til you find the wire retainer clip, then press it out of the subframe.



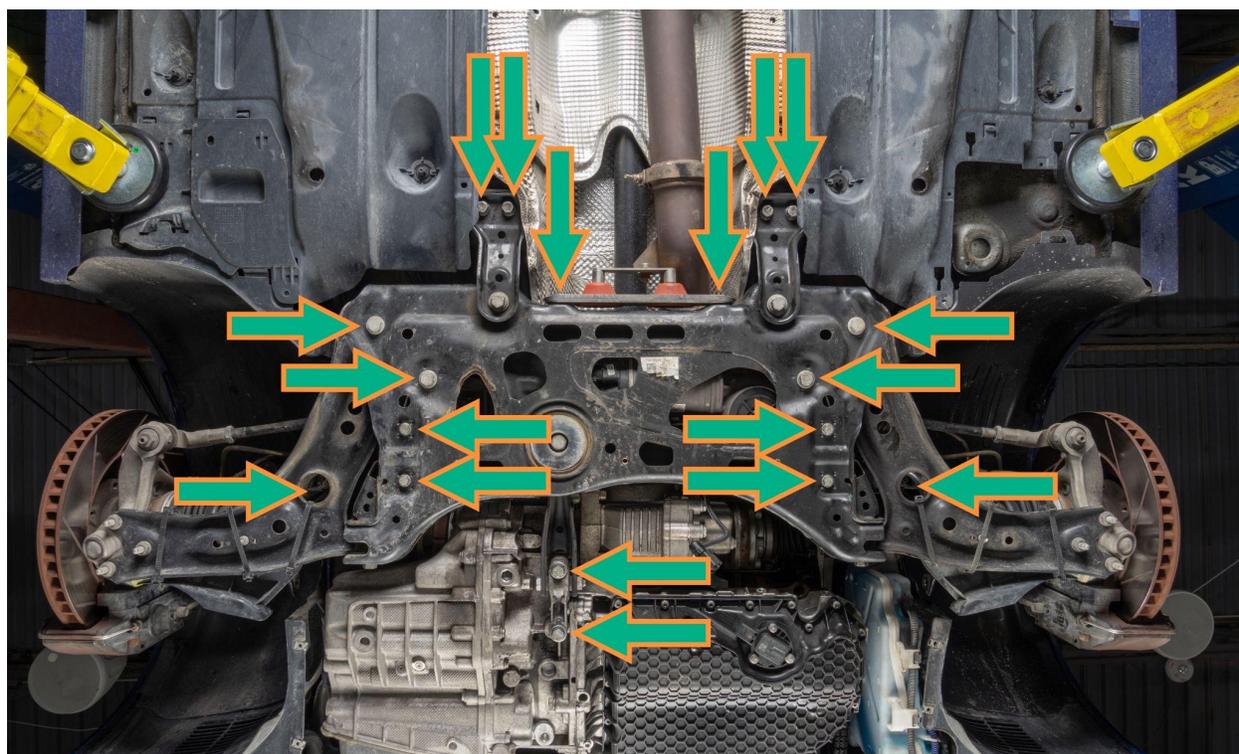
Remove 2 ride height sensor 10mm mount bolts (one on each side), then unplug the sensor. The sensor itself can hang from the subframe mount.



(Pictured below is the sensor hanging)



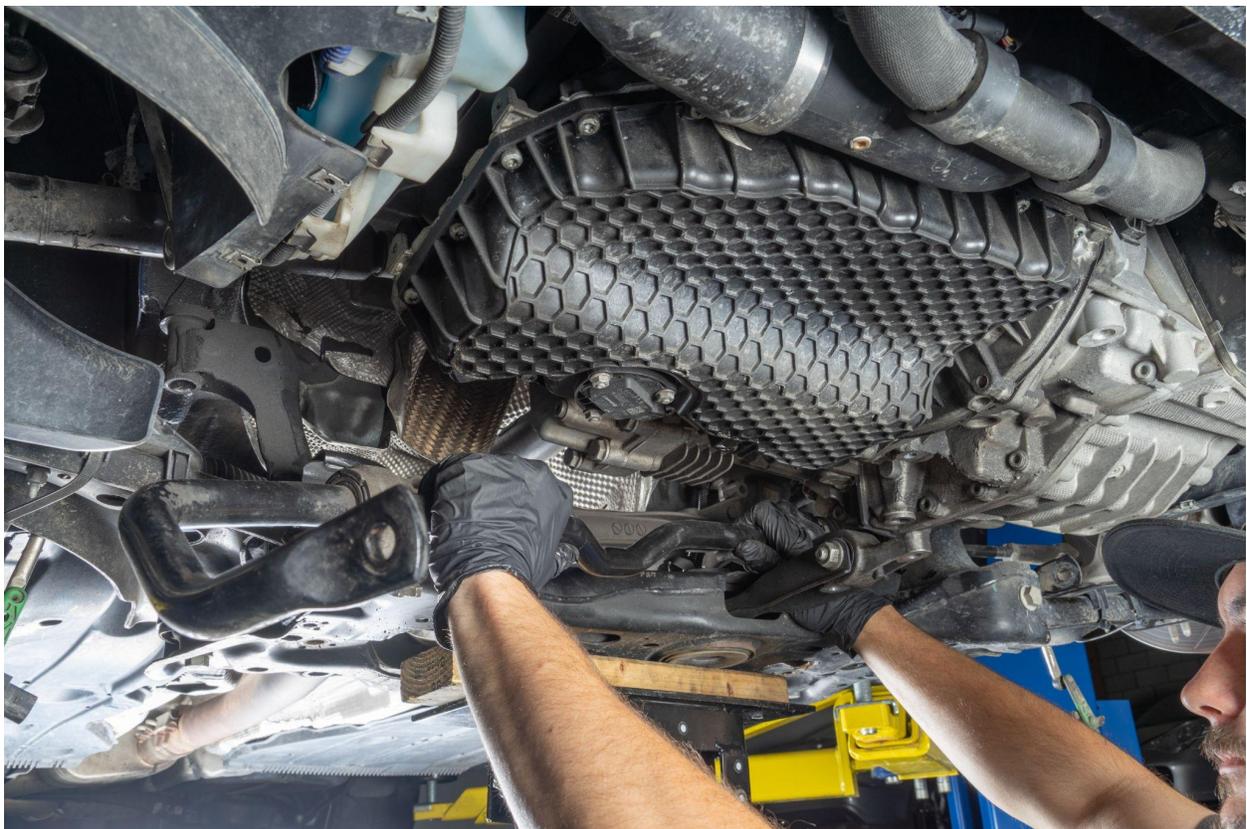
Before the next step, make sure you have a support system like a transmission jack to support the subframe. Remove 2 13mm downpipe mount bolts, 4 13mm bolts for the sway bar, 4 16mm and 2 18mm subframe support brackets, 4 18mm subframe bolts two of which are located on inside a hole of the subframe on the upper portion of the subframe, 2 16mm dog bone mount bolts. They are all marked below.



Lower subframe roughly 4 inches to create clearance



Remove oem sway bar by gently pulling down on subframe while lifting the sway over the top mount of the subframe and out the front

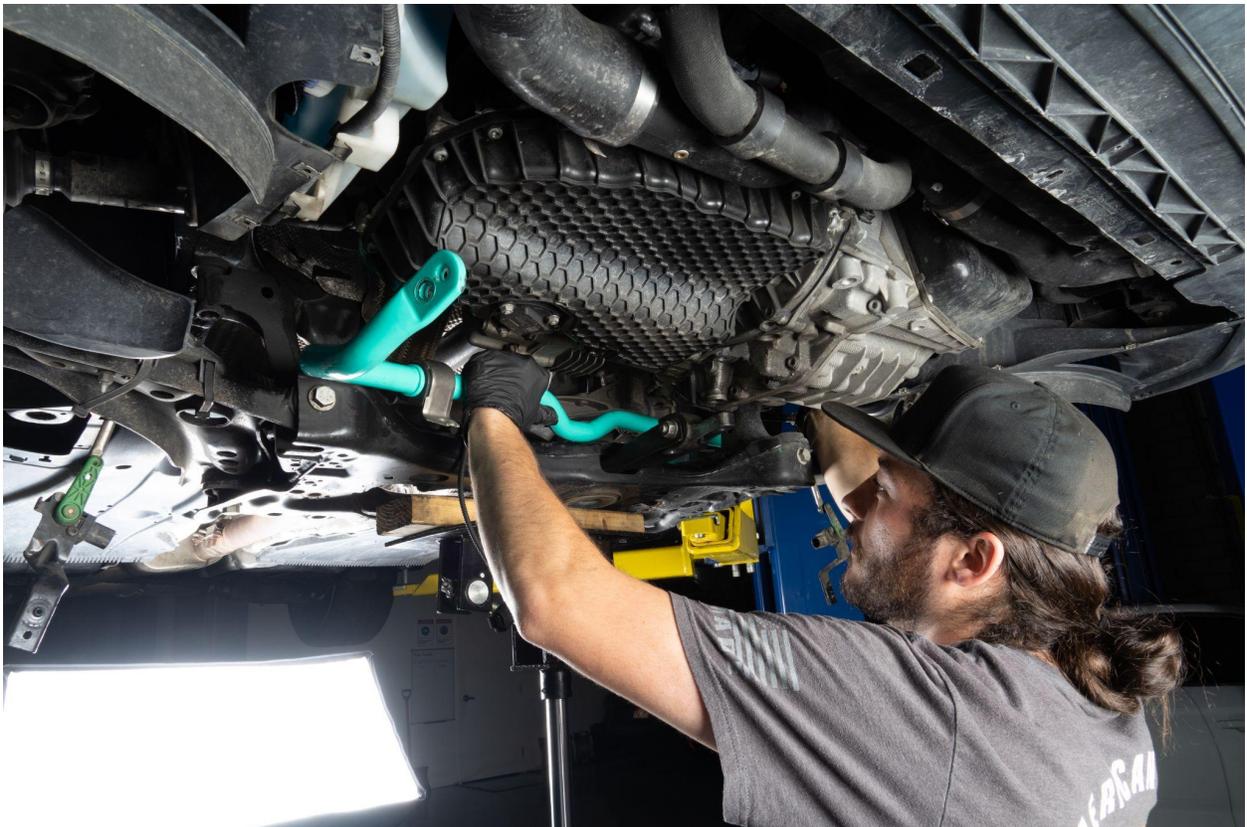


Open and liberally lubricate inside and outside of the bushing, then install rubber sway bar



Pictured below is the proper position of the bushings once installed.

Install Sway Bar Bushing top plates onto the Sway Bar, then lift IE sway bar into place the same way as the OE was removed.



Insert lower mounting plate into position underneath IE sway bar.



Align top and bottom mount plates with the two sway bar mount bolts that pass through the subframe, then hand tighten nuts onto bolts.



Tighten mounting bolts and nuts once everything is aligned.



Raise subframe back into place. Take care to align steering rack alignment dowels with the subframe. Sometimes pushing/pulling the rack will help alignment. You should feel the rack locate into place. When installed correctly, the rack will sit flush against the subframe.



Finger thread all hardware for the subframe before lifting into its final location, then torque all subframe and steering rack hardware to factory spec. (Specs listed at bottom of install guide) Take care to not cross thread body mount bolts.



When attaching the end links to the sway bar, take note that the front mounting location will yield a softer roll, while the rear will yield a stiffer roll.



When tightening the sway bar brackets, make note that the sway bar is clear of the steering rack on the drivers side. A pry bar through the subframe to provide pressure while tightening can help with this. Finish the install by reversing install instructions for all hardware, sensor mounts, and wheels. Enjoy the look and feel of your new IE Performance Sway Bar!



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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