

PERFORMANCE BY



INSTALLATION GUIDE

iE AWD MQB Rear Sub-Frame Insert Kit IEBACI1



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 1 Hour on average

REQUIRED PARTS

- No additional parts are required for this install

REQUIRED TOOLS

- 17mm & 18mm Socket and Wrench
- All-Purpose or Red N Tacky Grease
- Torque Wrench
- Jack and Jack Stands or Lift
- Pry Bar

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 2018 Golf R. 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

- 01 - M12 Rear Sub-Frame Bolt (4x)
- 02 - AWD MQB Rear Sub-Frame Sleeve FRONT (2x)
- 03 - AWD MQB Rear Sub-Frame Sleeve REAR (2x)
- 04 - AWD MQB Rear Sub-Frame Rear Insert (2x)
- 05 - AWD MQB Rear Sub-Frame Front Insert (2x)



Some items may be partially assembled.

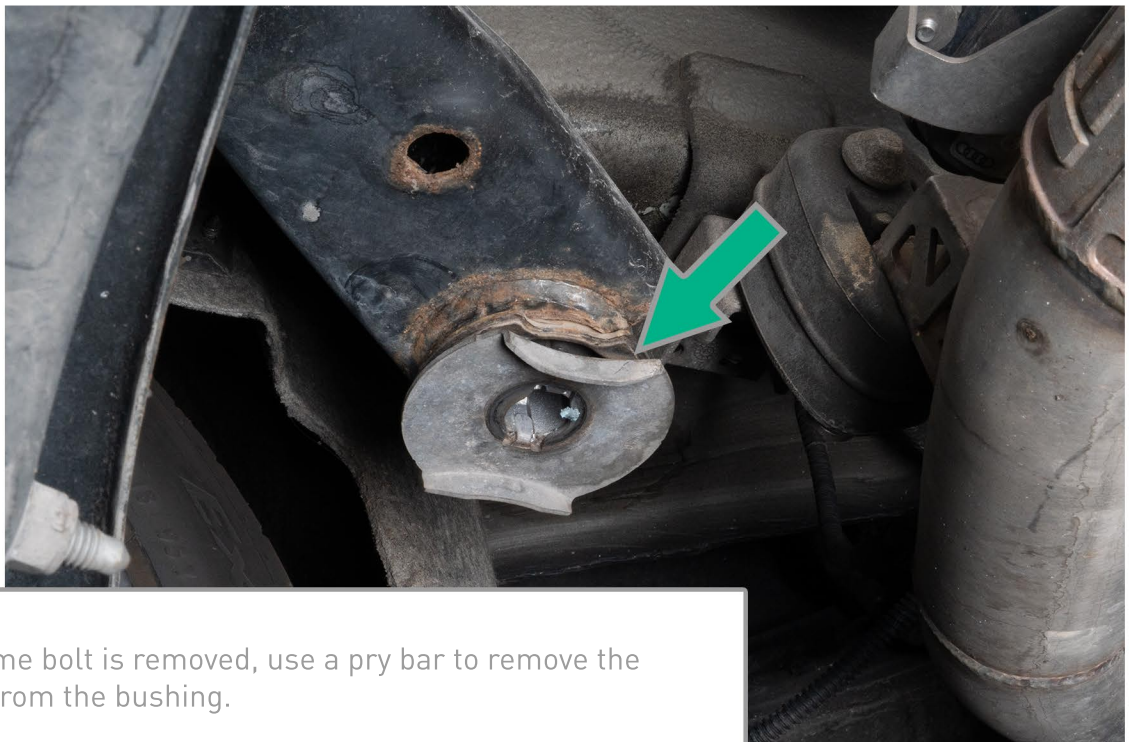


1



Jack up your vehicle and remove the rear 18mm Subframe bolt.
(NOTE: Do each of the 4 corners one at a time. Do not drop the entire subframe.)

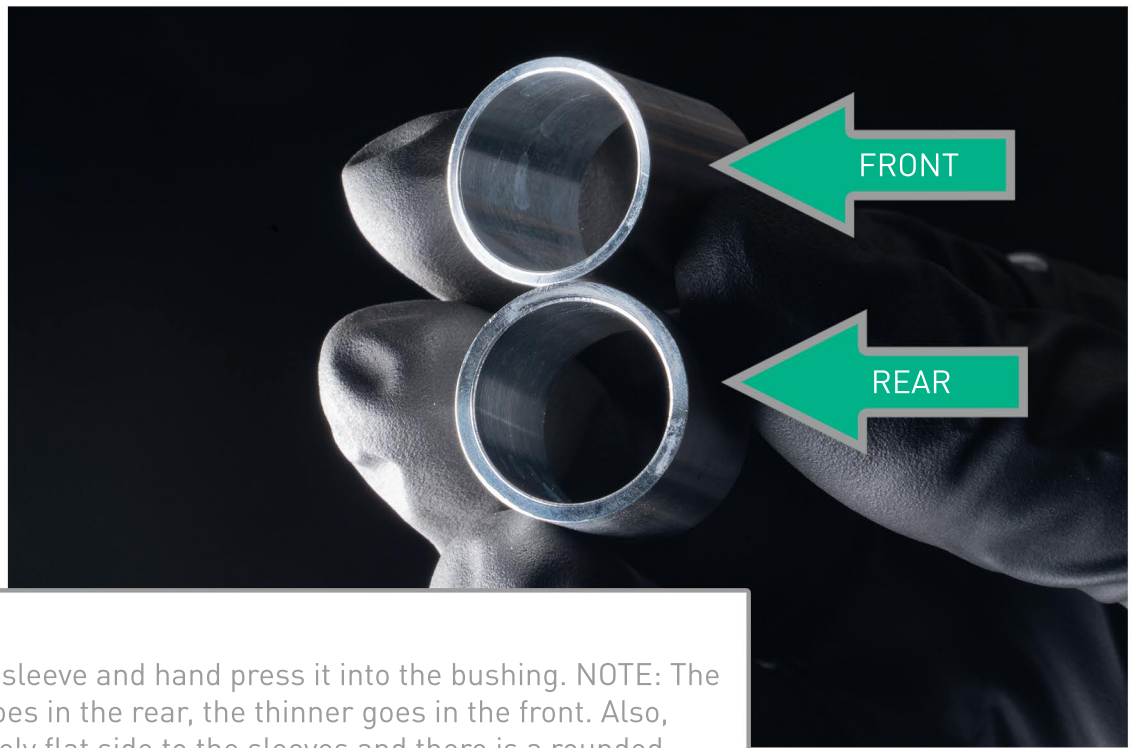
2



Once the subframe bolt is removed, use a pry bar to remove the subframe plate from the bushing.

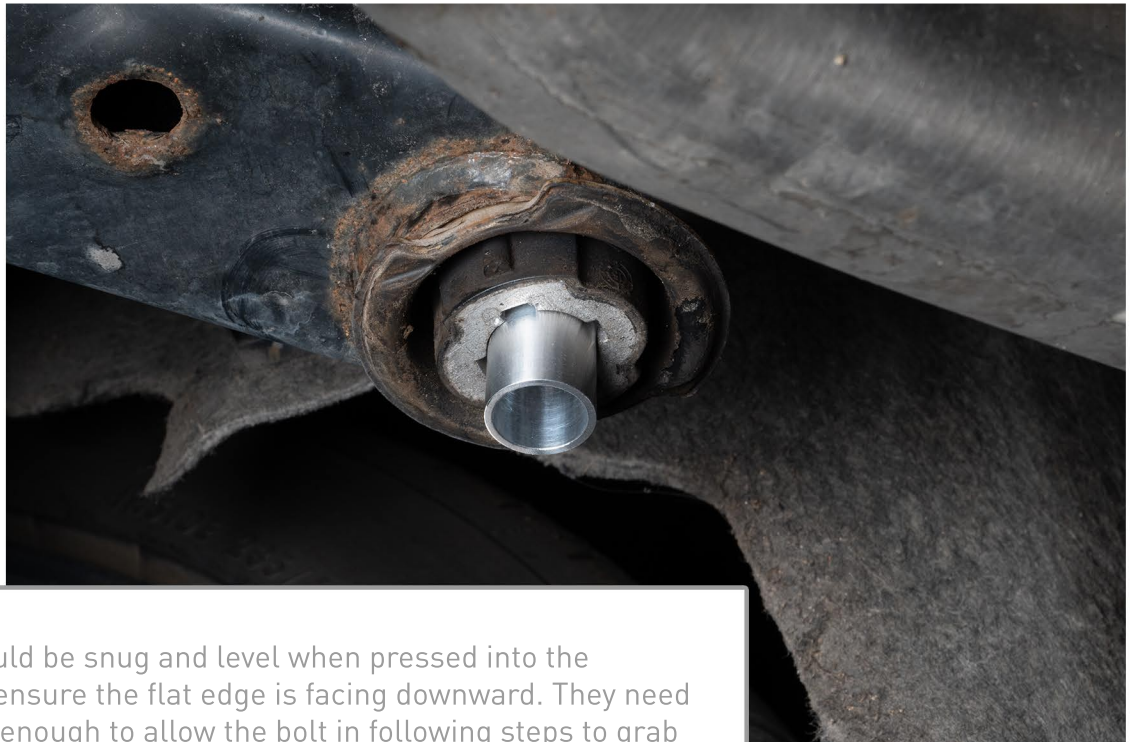


3



Take the thicker sleeve and hand press it into the bushing. NOTE: The thicker sleeve goes in the rear, the thinner goes in the front. Also, there is completely flat side to the sleeves and there is a rounded edge. The flat edge will face down when installing.

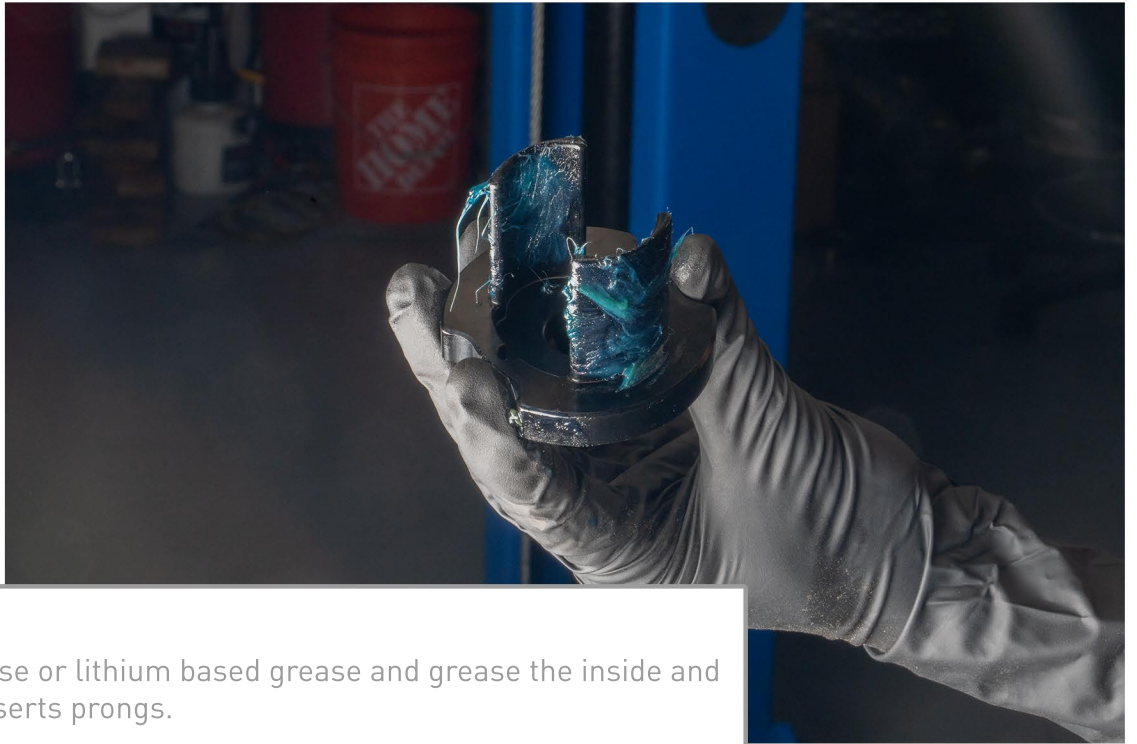
4



The sleeves should be snug and level when pressed into the bushing. Again, ensure the flat edge is facing downward. They need to be pressed in enough to allow the bolt in following steps to grab threads, but you do not need to press it in completely yet.

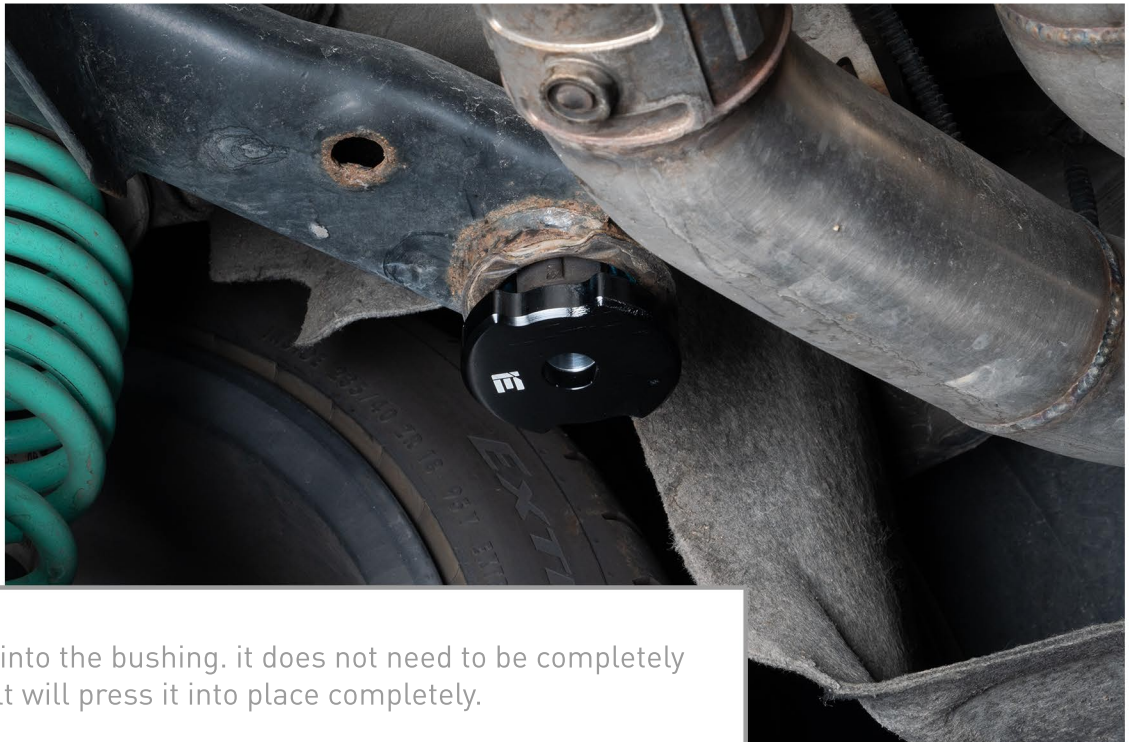


5



Use an all purpose or lithium based grease and grease the inside and outside of the inserts prongs.

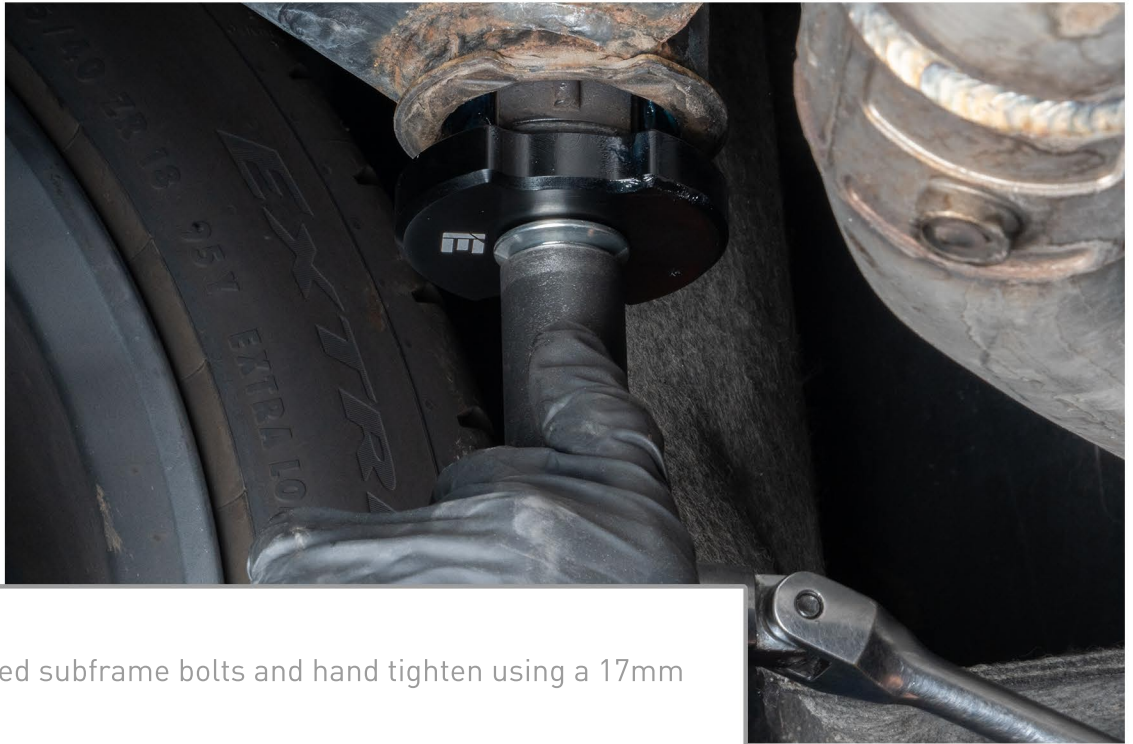
6



Press the insert into the bushing. it does not need to be completely inserted. The bolt will press it into place completely.

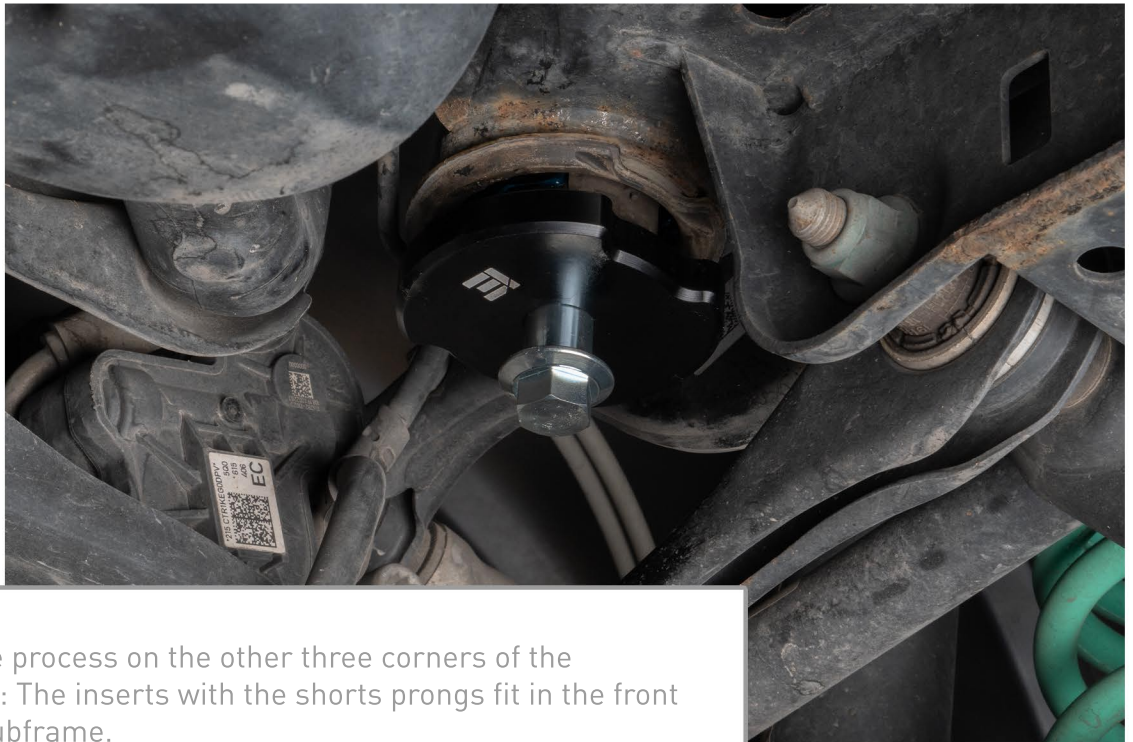


7



Insert the supplied subframe bolts and hand tighten using a 17mm socket.

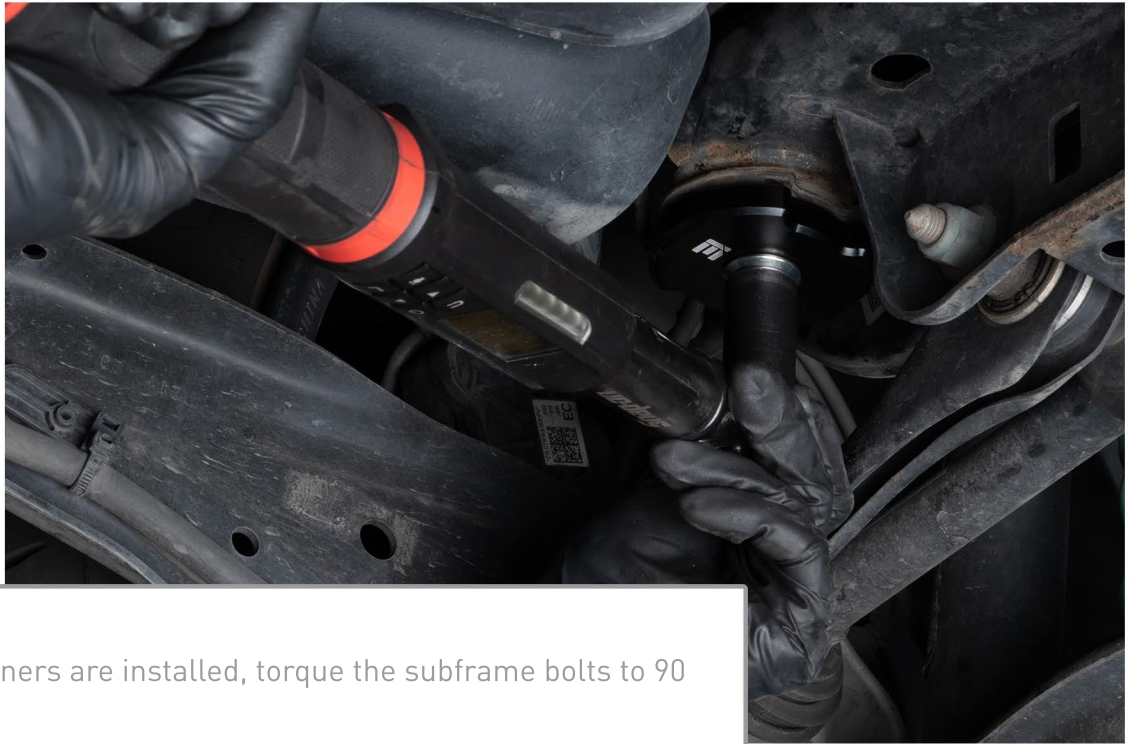
8



Repeat the same process on the other three corners of the subframe. NOTE: The inserts with the shorts prongs fit in the front corners of the subframe.



9



Once all four corners are installed, torque the subframe bolts to 90 ft/lbs

10

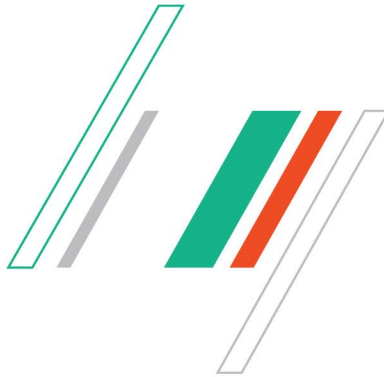


Installation is now complete. We recommend an alignment is performed since the subframe can move during install. Enjoy the look and feel of your new iE Subframe inserts!



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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