



VISHIFTY
INSTALLATION MANUAL
FAIRLADYPERFORMANCE.COM

Thank you for your purchase of Fairlady Performance's V1SHIFTY! We appreciate your business!

PROLOGUE: Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING! Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with this kit, consult with a Professional Mechanic or Fairlady Performance for more information.

Tools Required:

¼ Ratchet

10 MM Socket

10 MM Wrench

13 MM Socket

13 MM Wrench

Metric #3 Allen head wrench or socket

Permatex 25210 High Strength Removable Orange ThreadLocker .34 fl oz

Vehicle Jacks / Lift

Lighting / Safety Equipment

What's Included:

V1SHIFTY (3 parts: Drop Bracket, Shifter Basket, Lid)

(2) x 8mmx35mm Bolt

(1) x 8mmx16mm Bolt

(2) x6mm Set Screws (one is hidden in the bottom of the package in case you ever loose one you have a back up...you shouldn't need it but nothing is worse than losing a small part and having to delay installation)

Pre Installation:

Put the car in the air either with a lift or using jack stands. Observe all safety precautions.

Make sure that the car has cooled down if you have driven it recently.

Put the transmission into 4th gear before starting this process. It will make things much easier to work on while underneath the car

The following photos are shown of the parts outside of the car to make things easier to see....all of this work can be completed from the underside.

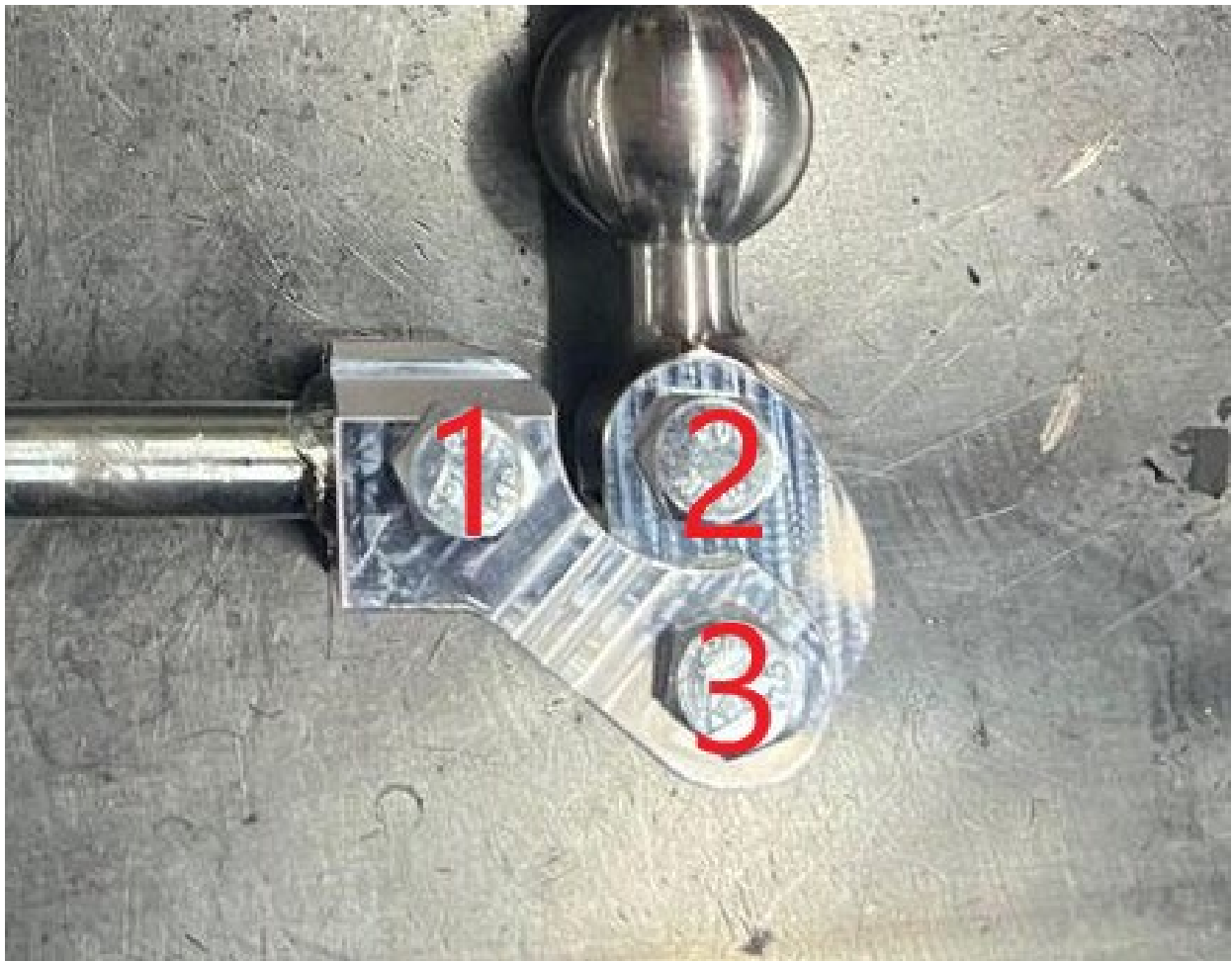
Additional Considerations:

Put the recommended thread locker on all bolts before getting under the car...it's just easier.

We don't directly call for any torque specs during installation.

Bolts 1 and 2 should be hand tight and then ½ ish turn. If you miss go to easy. Same thing on the set screw.

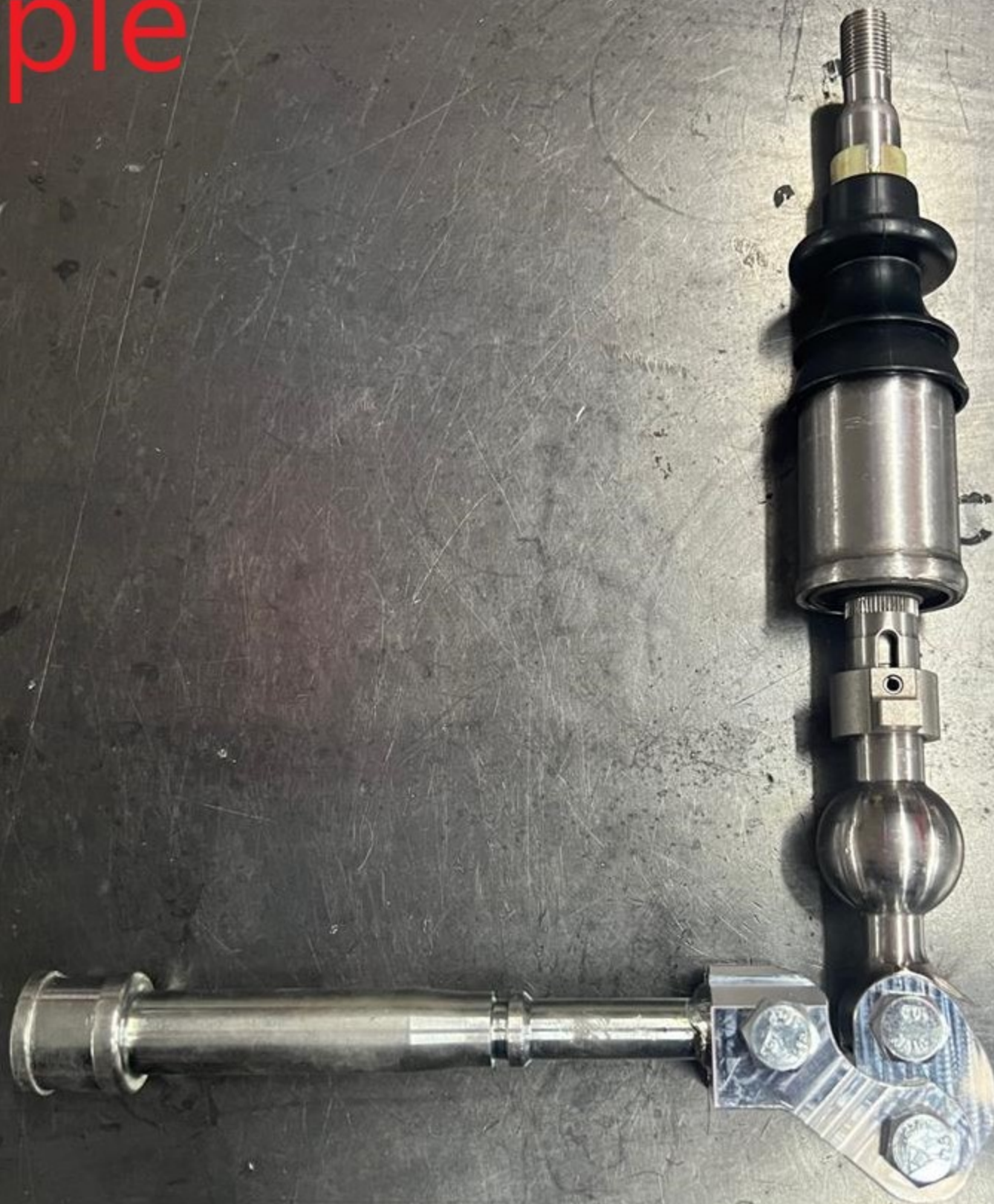
Bolt 3 **CAN NOT BE OVER TIGHTENED!** If you tighten this bolt to much it will collapse the ears of the drop bracket and they will rub on the shifter basket. This will make the shifting process notchy at best and not possible at worst. Once you install bolt 3 go check the shifting process to make sure nothing is notchy or grabbing. If you are experiencing any issues with the shifting this is most likely the culprit.



Completed Pictures:

Just to help you get a better idea of what the end result should look like before you get started here are some pics of the V1SHIFTY installed for reference.

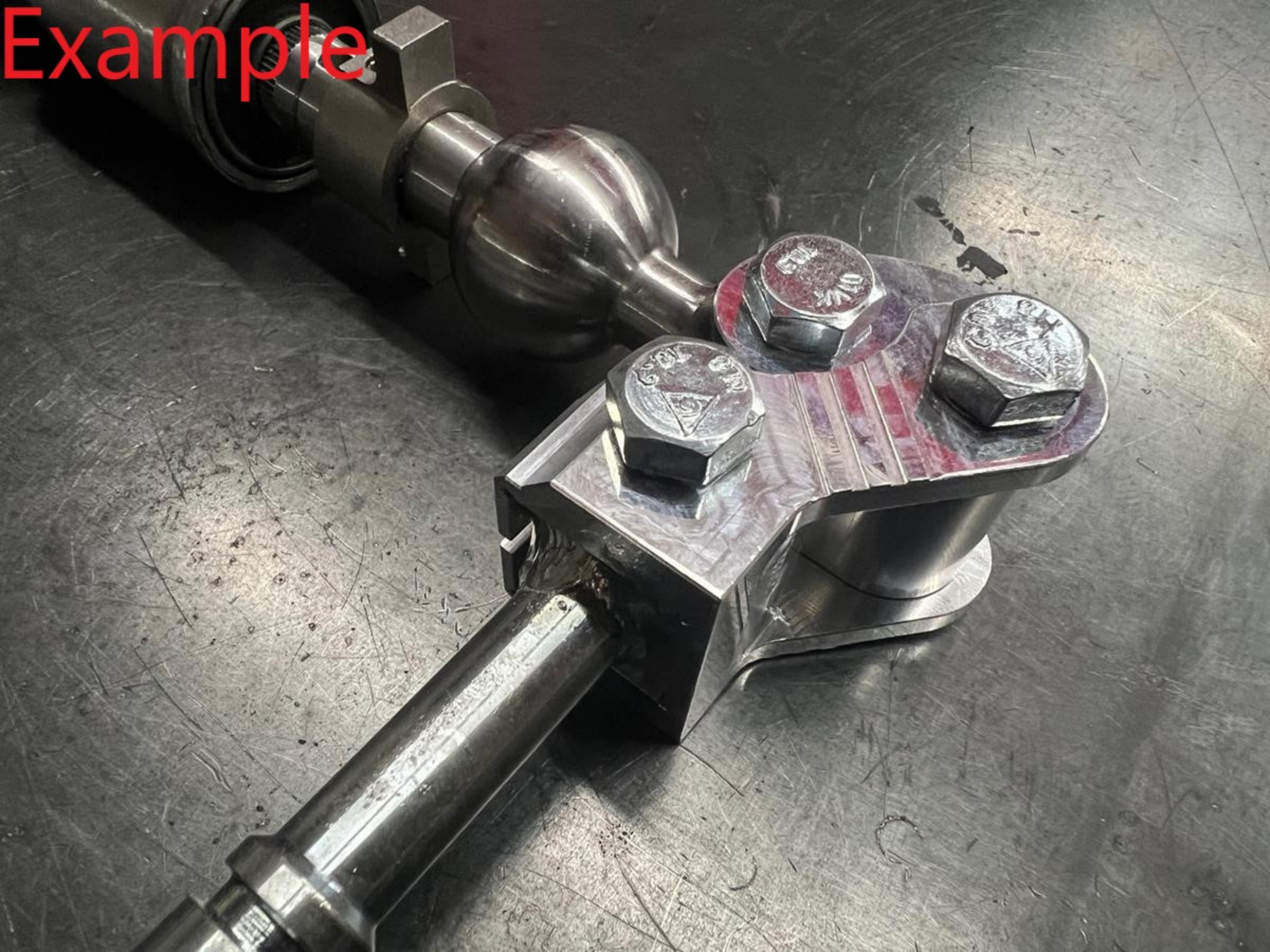
Example



Example



Example



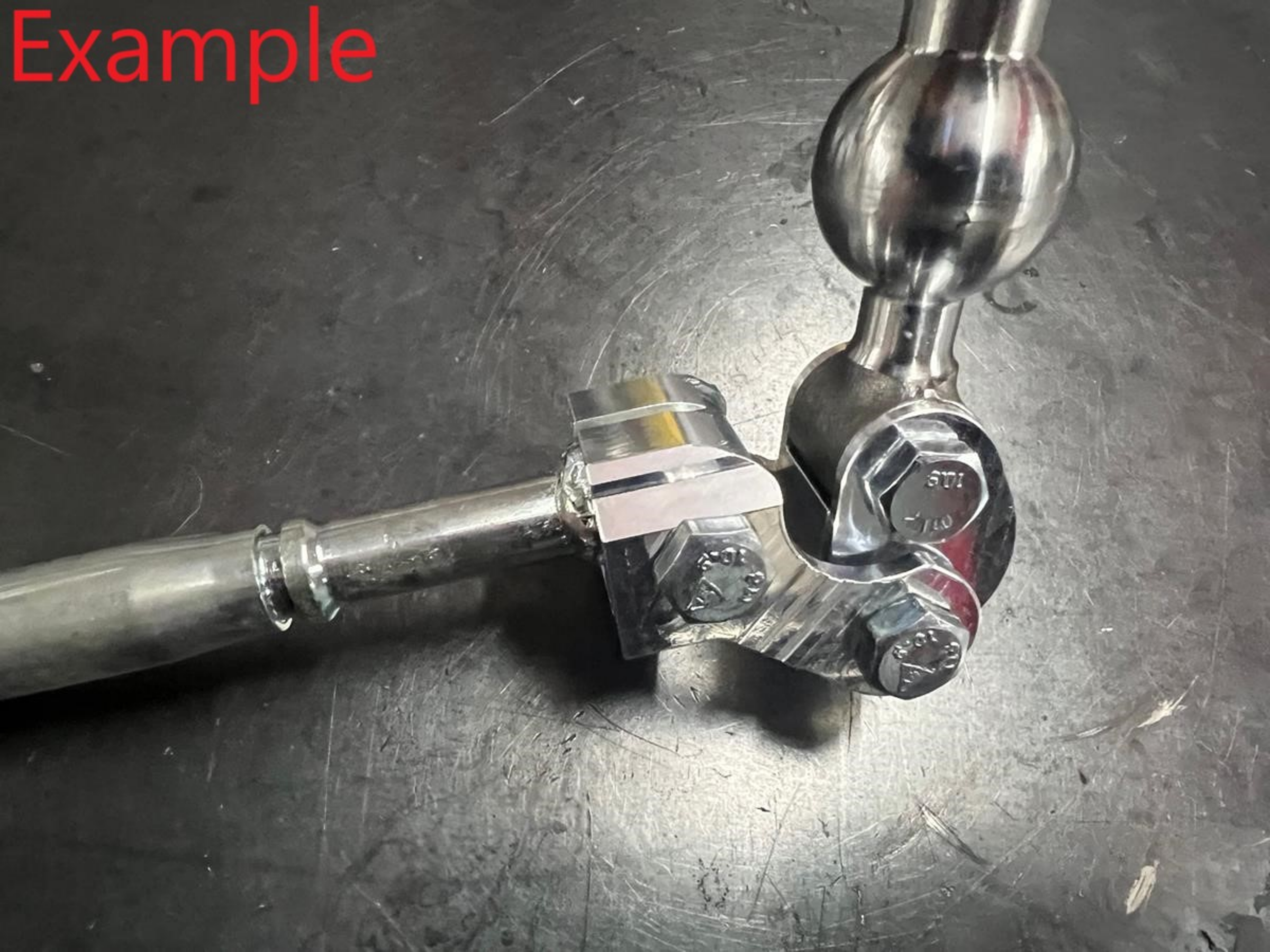
Example



Example

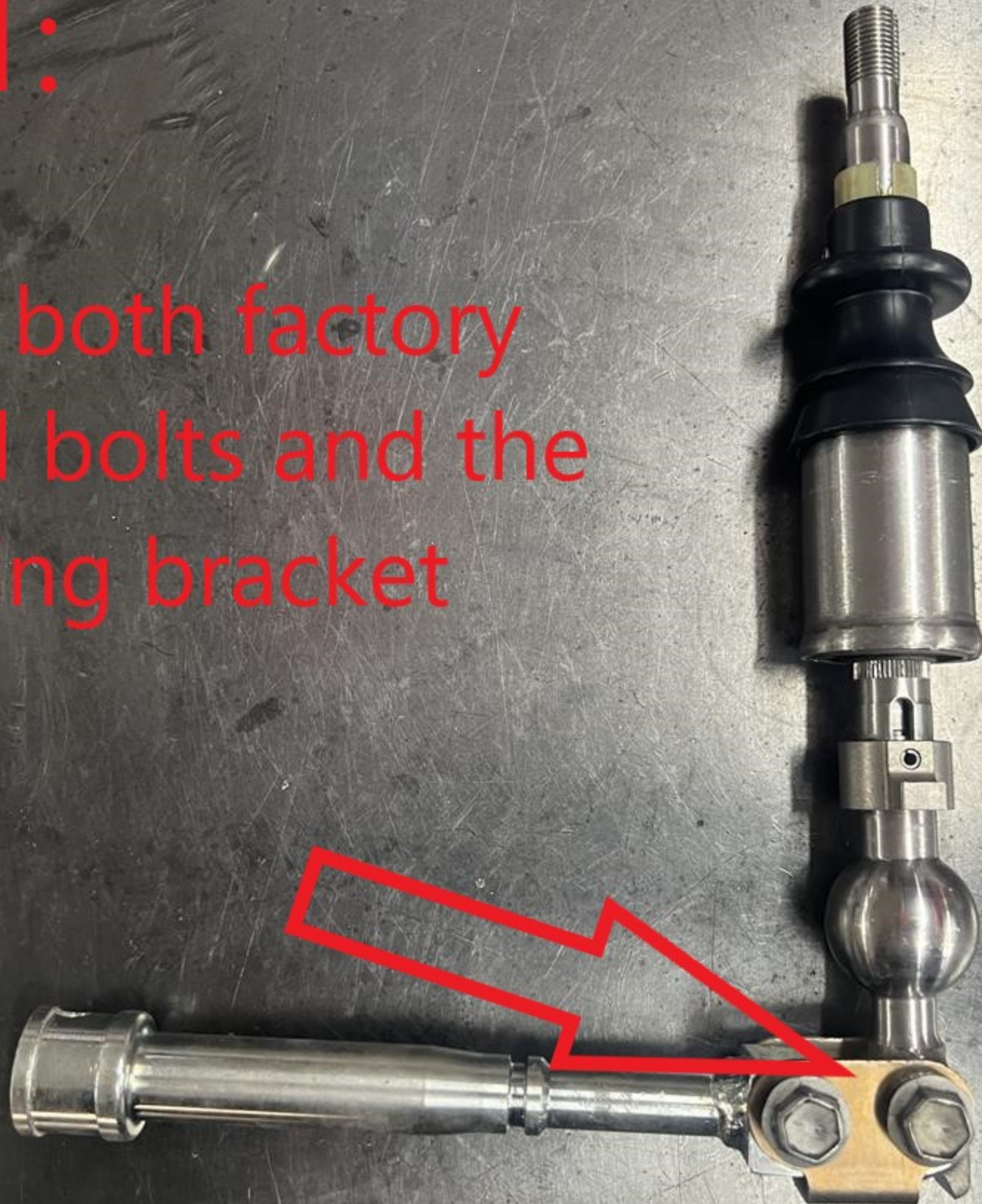


Example

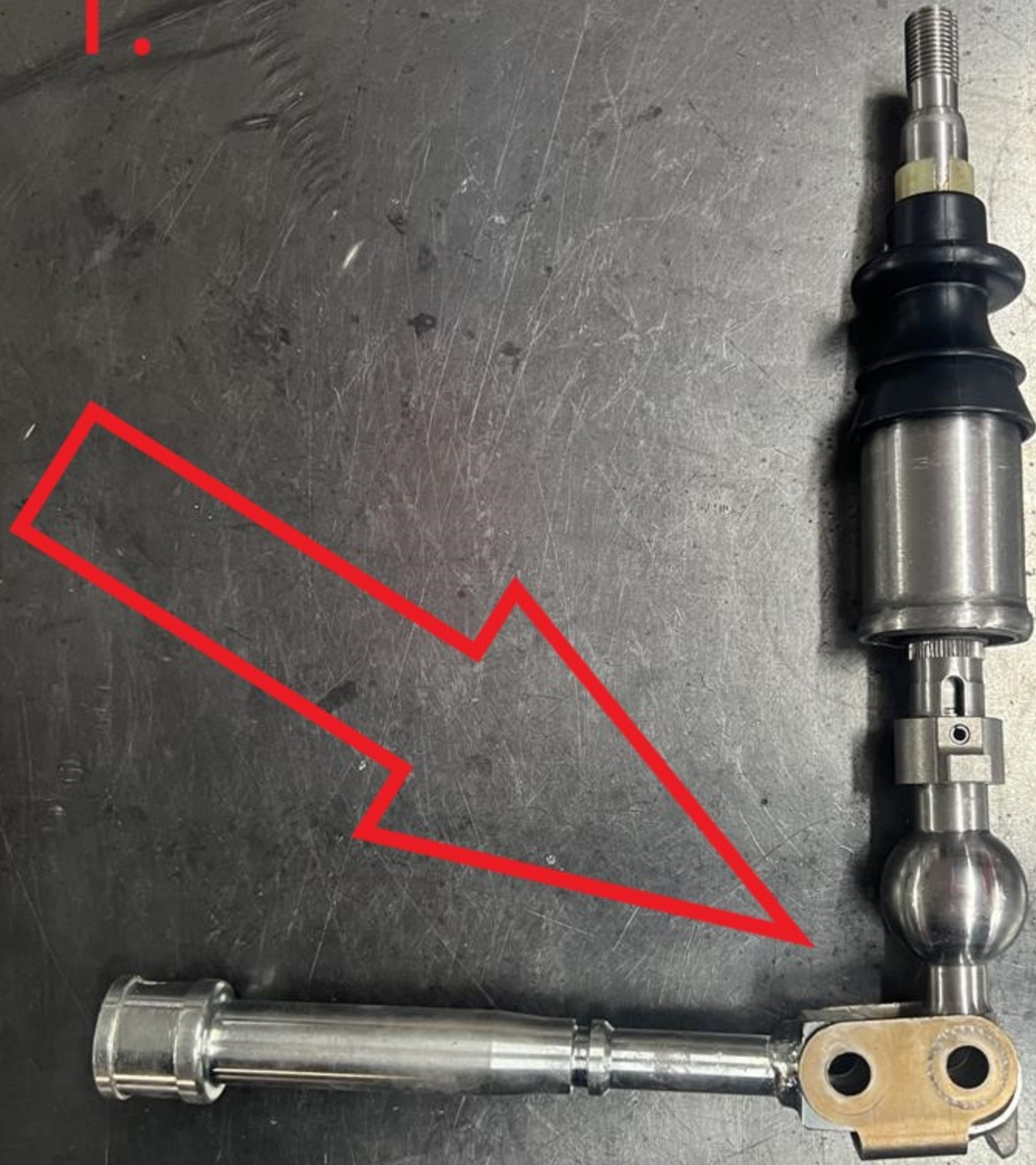


Step 1:

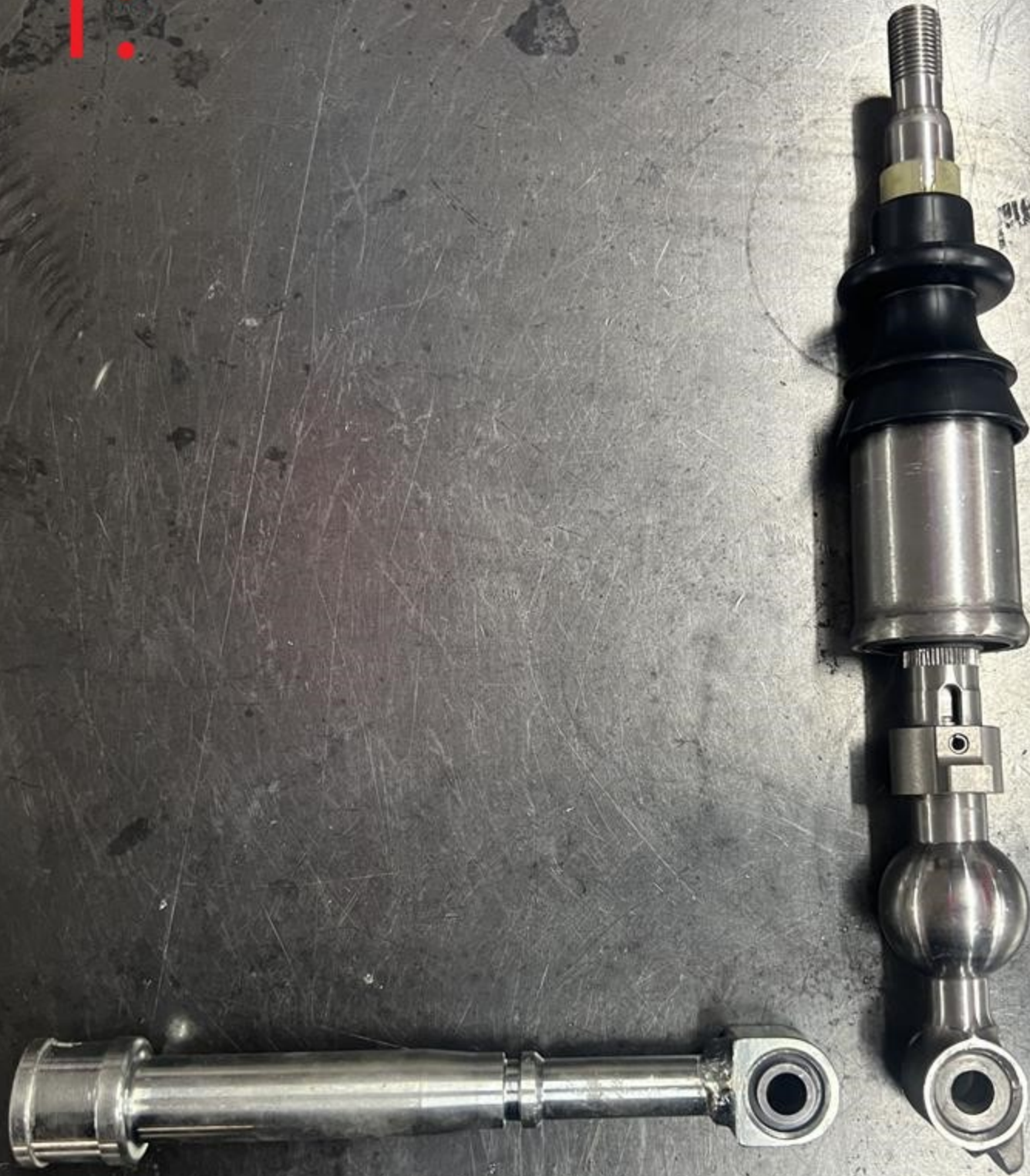
Remove both factory
nuts and bolts and the
connecting bracket



Step 1:

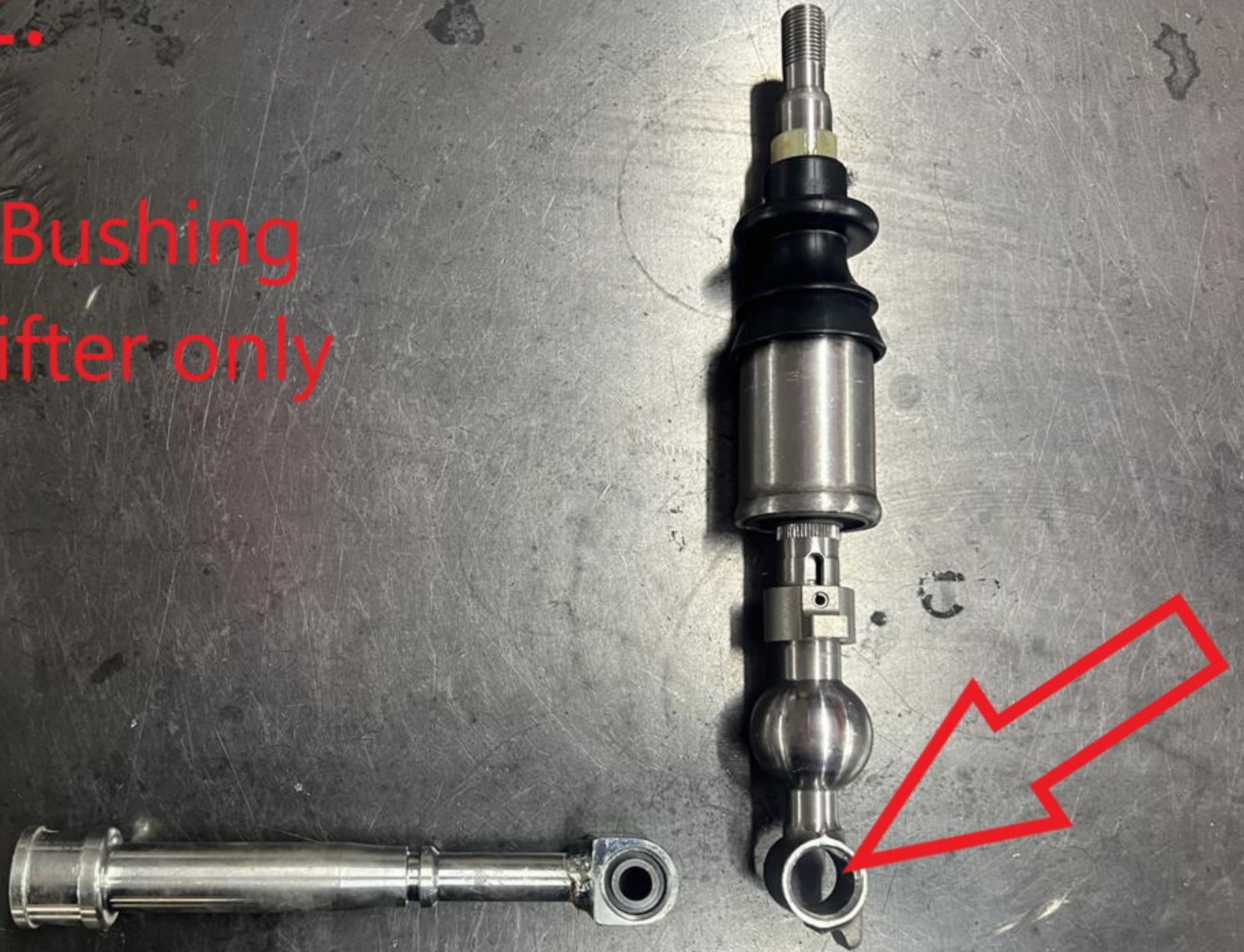


Step 1:



Step 2:

Remove Bushing
in the shifter only



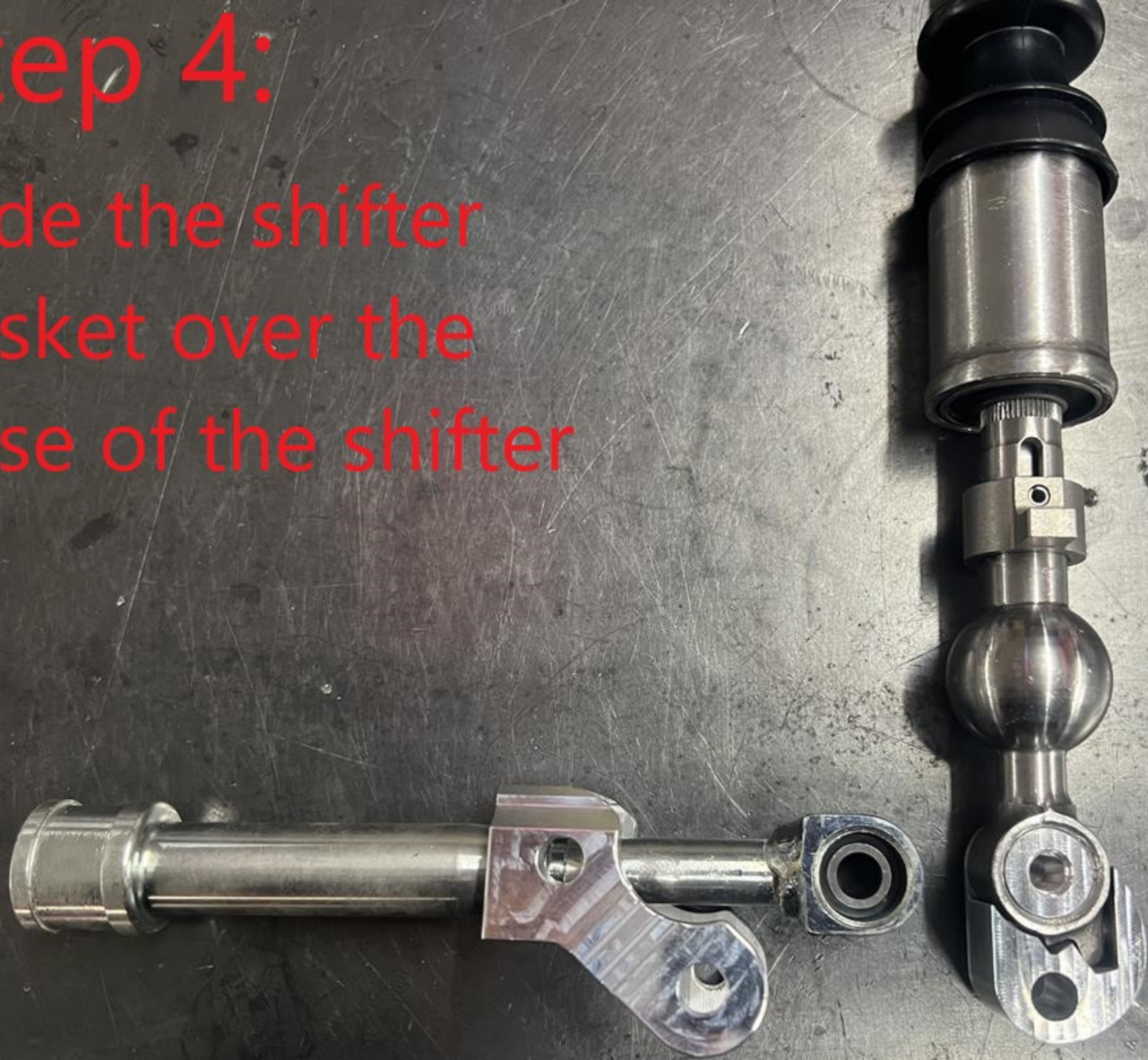
Step 3:

Slide the drop bracket back the trans input shaft...you can move the shifter around to make this part easier.



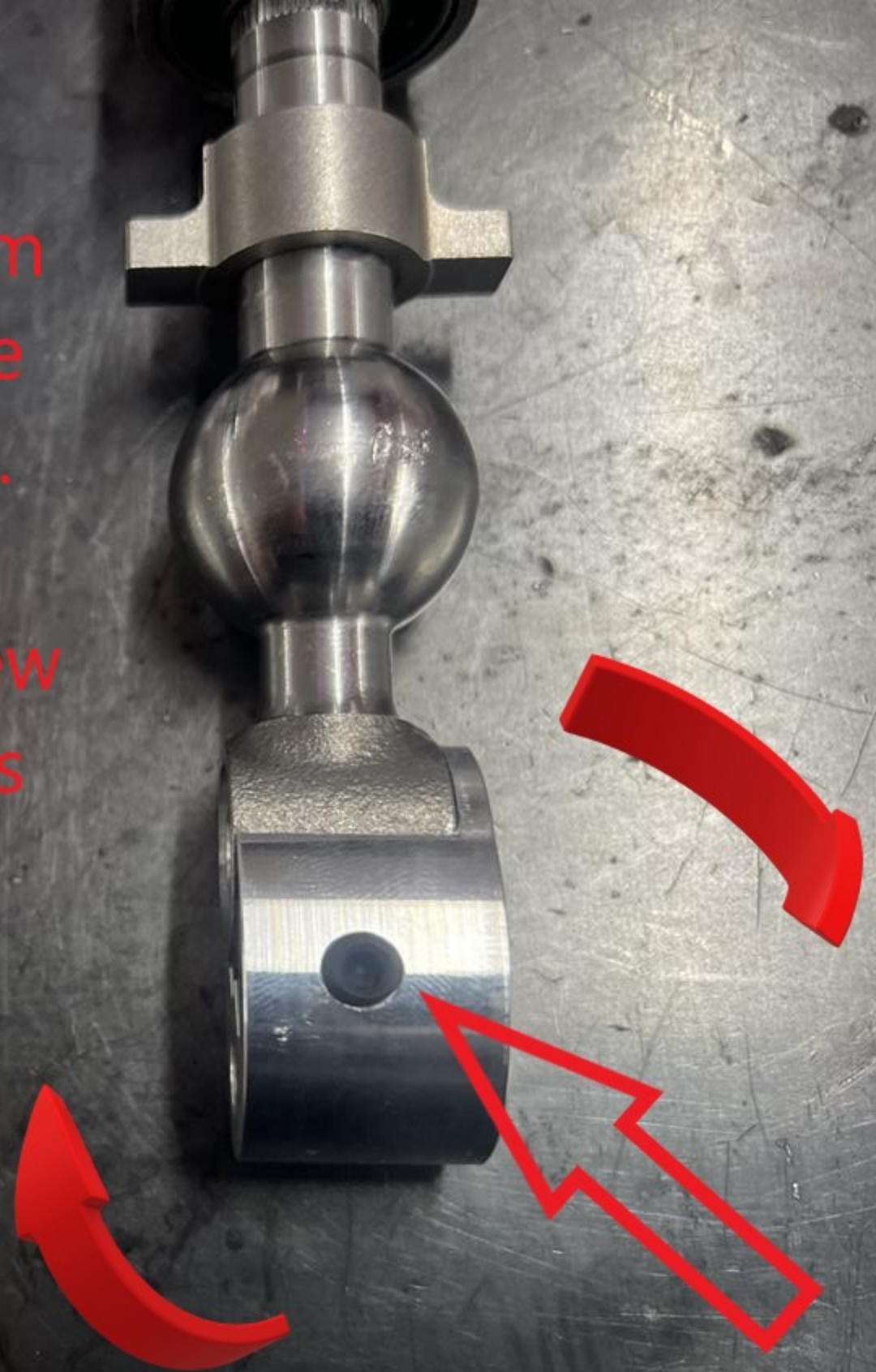
Step 4:

Slide the shifter
basket over the
base of the shifter



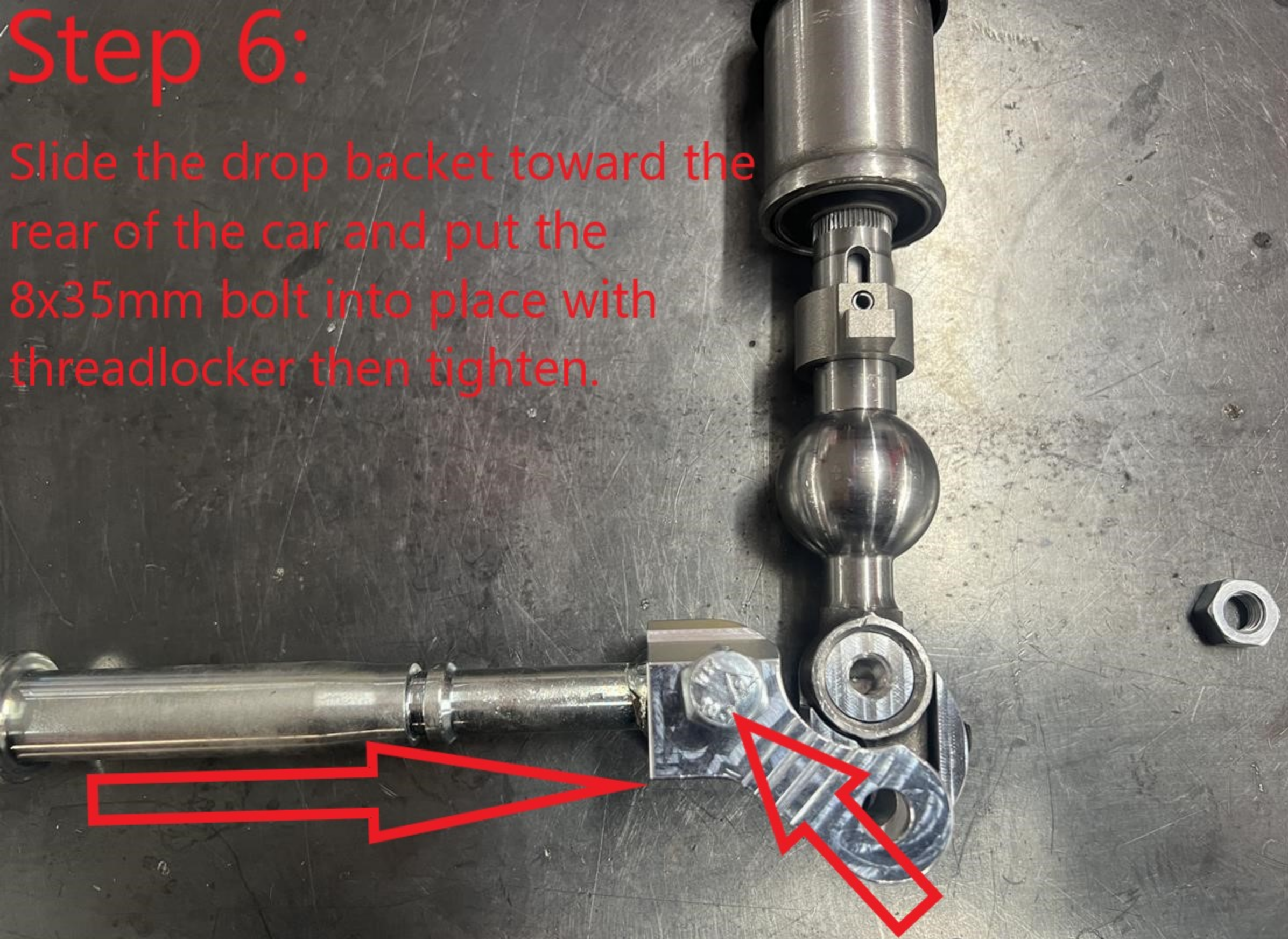
Step 5:

Next you will install the 6mm set screw. You can rotate the shifter to gain better access. Make sure that you put threadlocker on the set screw and that the shifter basket is fully snugged up to the shifter before final tightening .



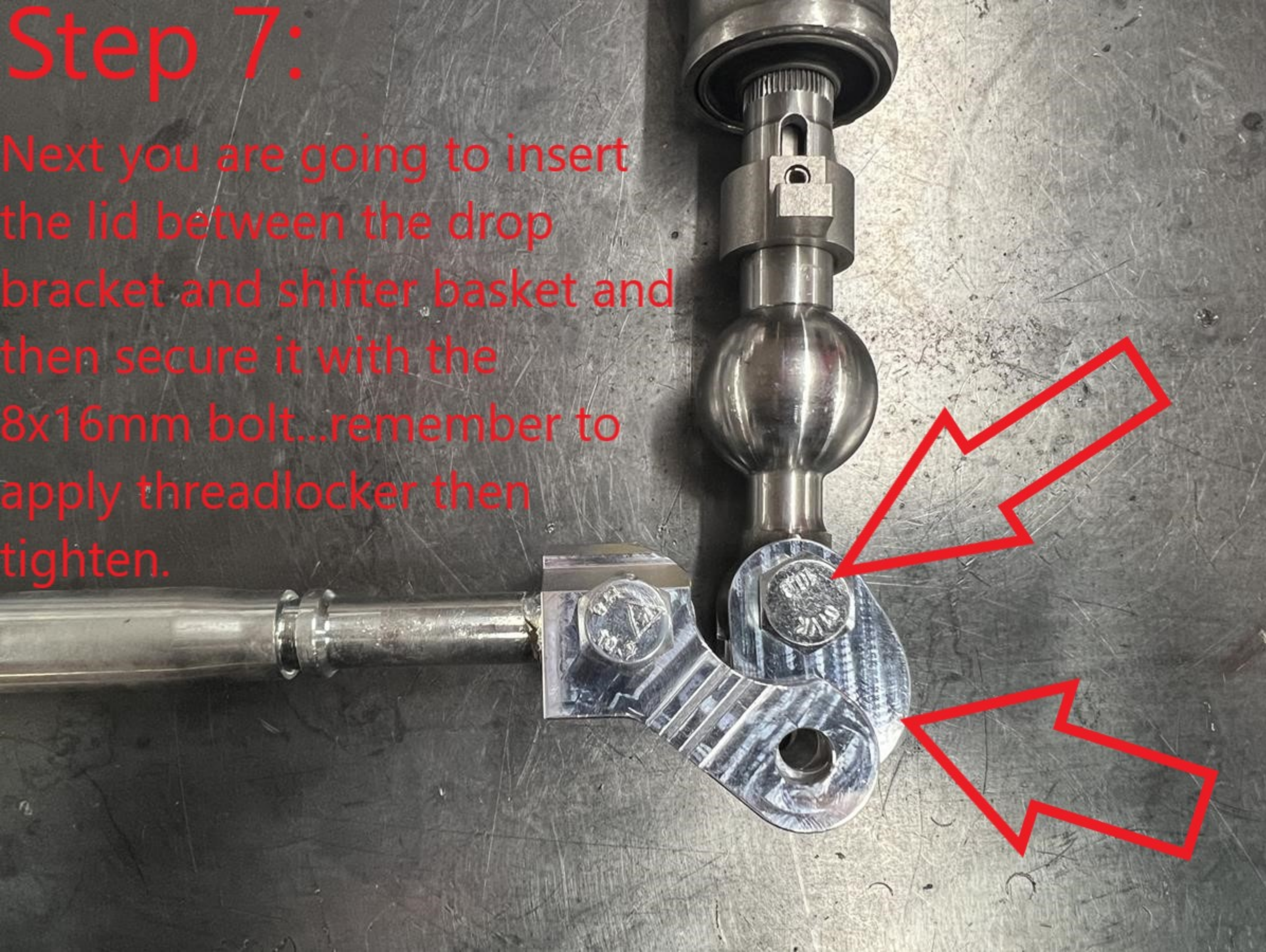
Step 6:

Slide the drop bucket toward the rear of the car and put the 8x35mm bolt into place with threadlocker then tighten.



Step 7:

Next you are going to insert the lid between the drop bracket and shifter basket and then secure it with the 8x16mm bolt...remember to apply threadlocker then tighten.



Step 8:

Next you will install the final 8x35mm bolt into the bottom hole. DO NOT OVERTIGHTEN THIS OR YOUR SHIFTER WILL BE NOTCHY. Make sure you use threadlocker.



Step 9:

When tightening this bolt make sure that you leave gap. The ear is designed to bend very slightly but not more. Get it hand tight and then turn another 20-30 degrees of rotation and leave it. The threadlocker will secure it in place and this will allow for crisp shifts. If you over tighten it will not shift right and could ruin the part. Less is more here.

