

RACECOMP ENGINEERING

2013+ BRZ/GR86 Front Sway Bar Instructions

DISCLAIMER: PLEASE READ

We (Racecomp Engineering) are not responsible for any issues resulting from improper installation. Removal and installation of suspension components may be dangerous, as parts may be under compression and are likely to shift unexpectedly, causing serious injury or death. Installation should be performed by an ASE certified Subaru technician. Unless you are a technician by trade, you should not attempt installation of this part. Please use caution when driving your vehicle after installation, as handling characteristics may have changed dramatically.

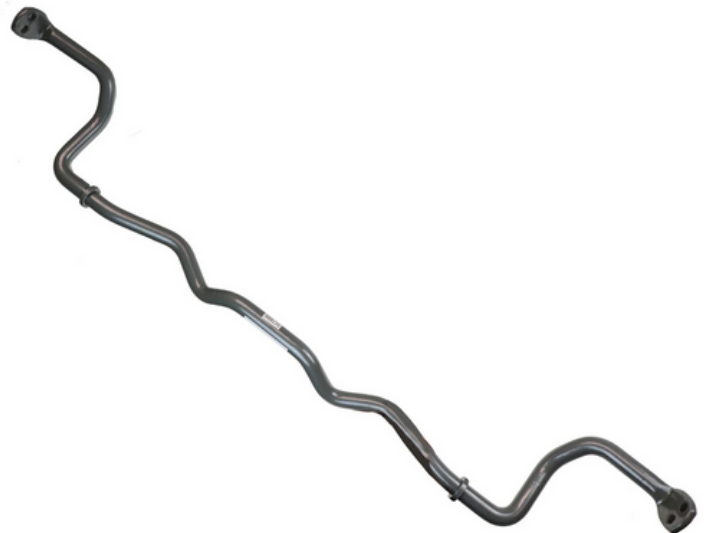
Before installation, please read the following manual carefully

1. Check the package for shipping damage. If damaged, please take the following steps ASAP:

- A. Take pictures before unpacking
- B. Unpack the box and check for damaged parts
- C. Take pictures of damaged parts
- D. Contact Racecomp Engineering

2. Check the contents of the package ensuring everything is received. If any of these items are missing, please contact us.

- A. x1 Racecomp Engineering front sway bar
- B. x2 Sway bar bushings
- C. x1 Lubricant for sway bar bushings



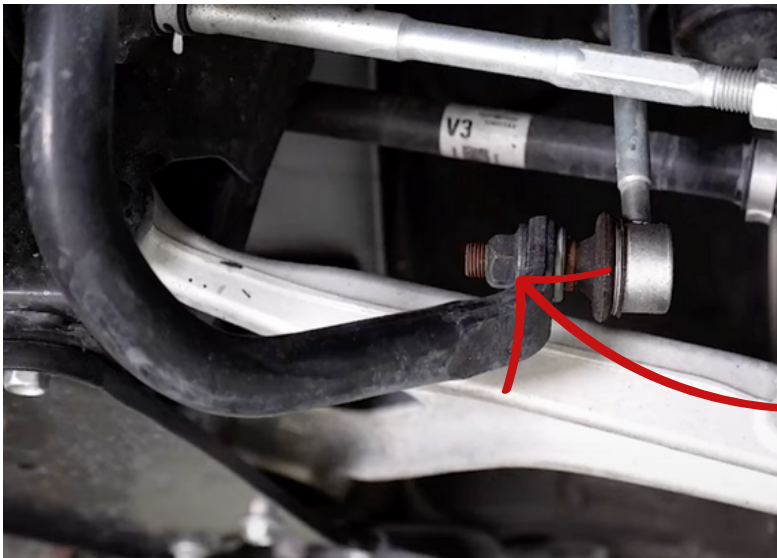
Racecomp Engineering products are produced and assembled with the highest quality ensuring an easy install. However, sometimes complications arise during installation. In that case, please contact Racecomp Engineering.

Installation of Front Sway Bar

1. Use a lift or floor jack and jack stands to raise the car to gain access to the front sway bar. If using a floor jack and jack stands, make sure the floor jack stays under the car. **DO NOT WORK ON A CAR SOLELY SUPPORTED BY JACK STANDS!**

2. Remove the front plastic splash tray and metal skid tray. This will give you access to the front sway bar.

3. Remove the (2) 17mm nut on each side that connects the sway bar end link to the OEM sway bar. A 6mm hex key can be used if the nut is spinning.



Remove 17mm nut on each side

4. Remove the (10) 14mm bolts that secure the subframe brackets to the chassis and then drop the entire assembly down with the sway bar still attached.



5. Remove the (2) 14mm bolts on the front and (2) 12mm nuts on the back side securing the sway bar on the sub frame.



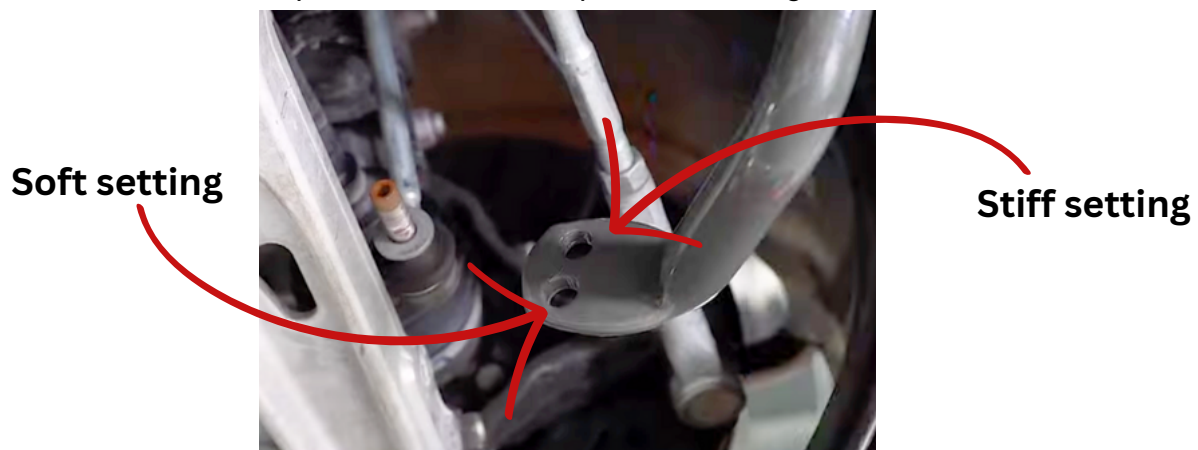
6. Remove the new RCE bushings and apply a generous amount of the supplied lubricant on the inside of the bushings. Reinstall on the sway bar after proper lubrication.

7. Install the new RCE sway bar onto the sub frame with the OEM hardware. **Torque:**
14mm bolt: 55.3 ft-lbs
12mm nut: 18.4 ft-lbs

8. Reinstall the sway bar attached to the subframe onto the vehicle and tighten. **44ft-lbs**



13. Bolt end links to the sway bar in the desired position and tighten. **34 ft-lbs**



14. Double check all bolts and nuts are torqued to spec and reinstall the aluminum and plastic underbody covers.



REMINDER: Please use caution when driving your vehicle after installation, as handling characteristics may have changed dramatically.

