# RTR Tactical Performance Adjustable Rear Sway Bar with Heavy Duty Axle Brackets (05-14 All)

Item #383782
MPN#T5-FR65Z-RTR

## Installation Tools:

- 1 Jack
- 2 Jack Stands
- (1/2” Drive) Ratchet
- (1/2” Drive) Breaker Bar
- (1/2” Drive) Torque Wrench
- (1/2” Drive) Deep 15mm Socket
- (1/2” Drive) Deep 19mm Socket
- 19mm Wrench
- 17mm Wrench
- 8mm Allen Wrench
- 0-1 1/2” Crescent Wrench
- Silver Sharpie
- Ruler


**Note:** This Installation guide is for RTR Tactical Performance Adjustable Rear Sway Bar (05-14 All) but can be referenced for any Adjustable Rear Sway Bar installation.

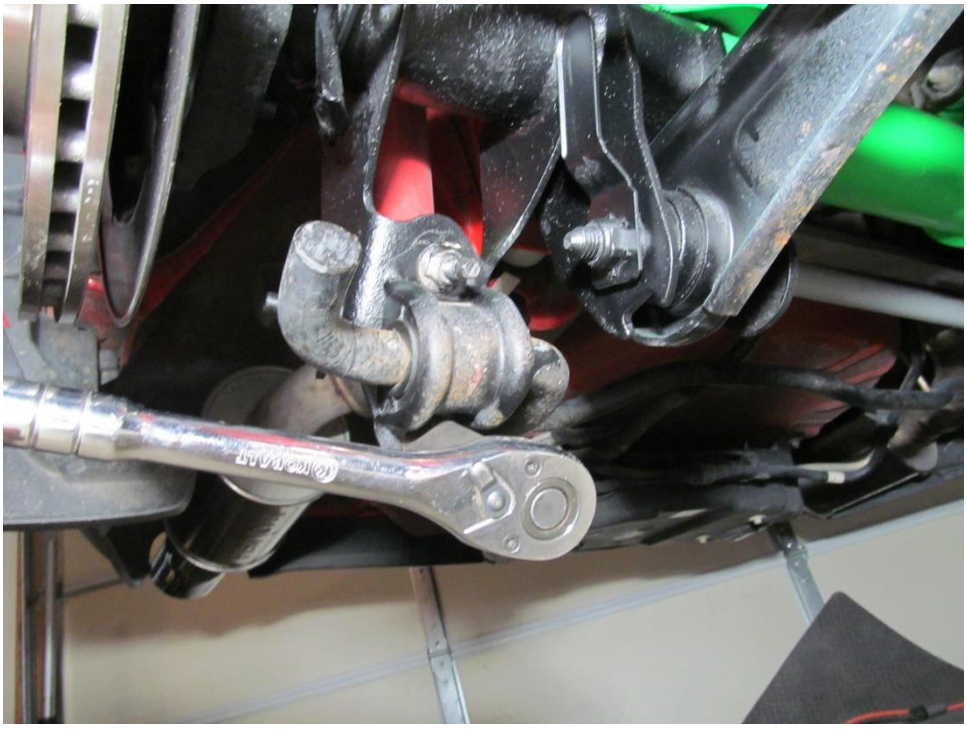
## Stock Sway Bar Removal Procedure:

1. Place stops in front of the front wheels for added safety. Scrap 4x4 wood works great.

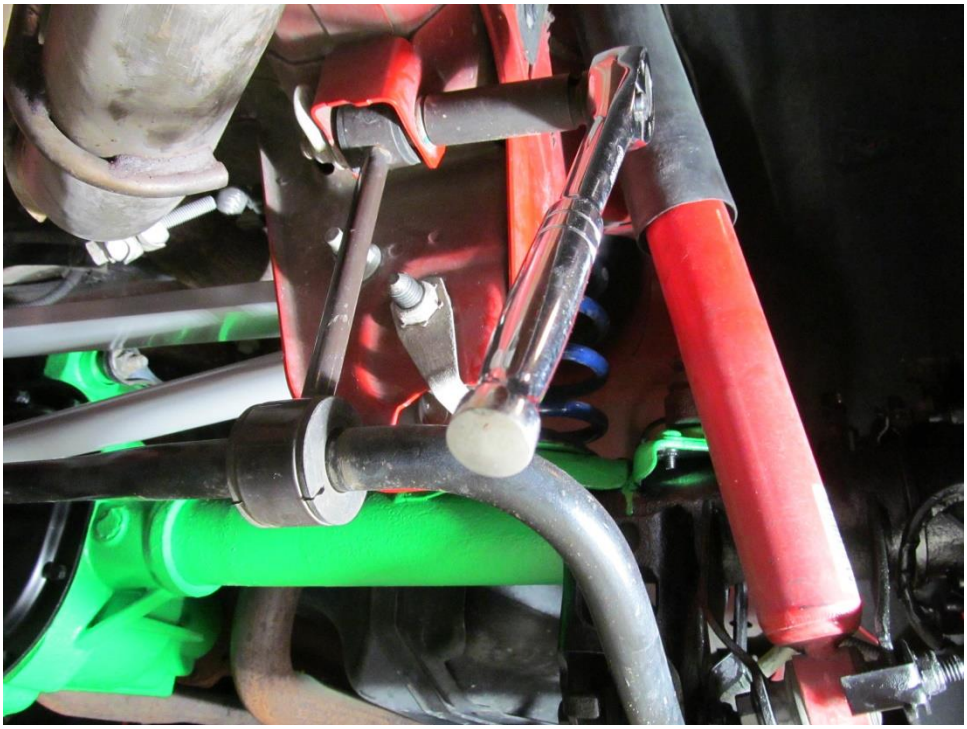
2. Break loose but (**DO NOT REMOVE**) the rear lug nuts on each wheel with a 19mm socket and breaker bar before lifting the rear end of the vehicle. This is done for added leverage while the vehicle is on the ground and so you do not rock the car off of the jack stands trying to remove the rear tires.

3. Next, jack up the car in the proper location lifting from the rear differential housing in the middle. Place jack stands to suspend the rear of the car where each rear control arm connects to the body. The rear of the car is being lifted to easily access bolts on the rear sway bar brackets and end links.


4. Staring on the passenger side, use the 15mm deep socket and 1/2” drive ratchet to take off the two factory sway bar bracket nuts. Remove the nuts completely. Once removed from the passenger side, take off the same two nuts holding the sway bar on the driver’s side.

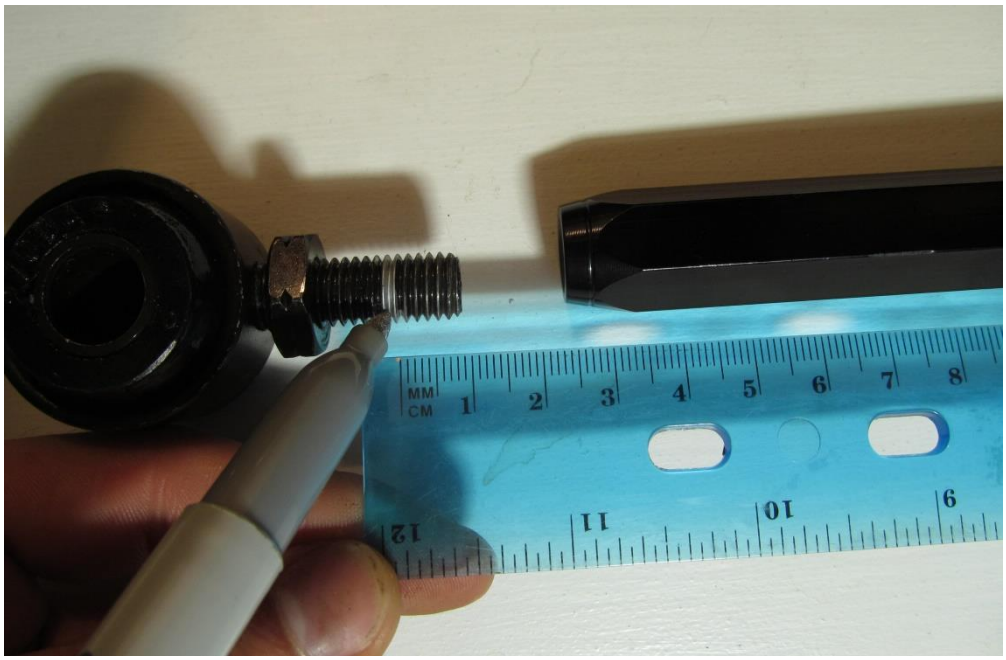


5. The two sway bar links are the only remaining things fixing the factory sway bar to the vehicle. Use the 1/2" drive ratchet and 15mm socket to take off the bolt on the passenger side. Once removed from the passenger side, take the same bolt off of the driver’s side. Your factory sway bar is now removed!



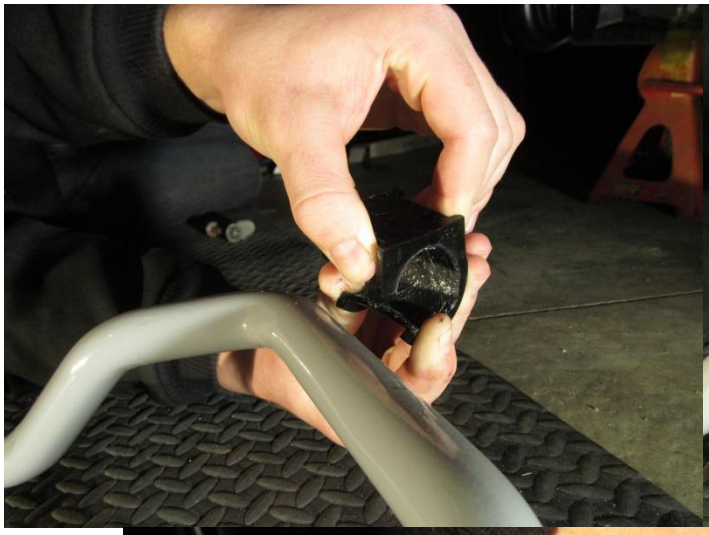
## RTR Tactical Performance Adjustable Rear Sway Bar Installation Procedure:

1. Take the new RTR sway bar links, remove one end at a time by hand and make a mark **10mm** from the end of the thread. You never want to see this line. This assures at least 10mm is threaded it at all times to ensure optimal strength and longevity of the part.

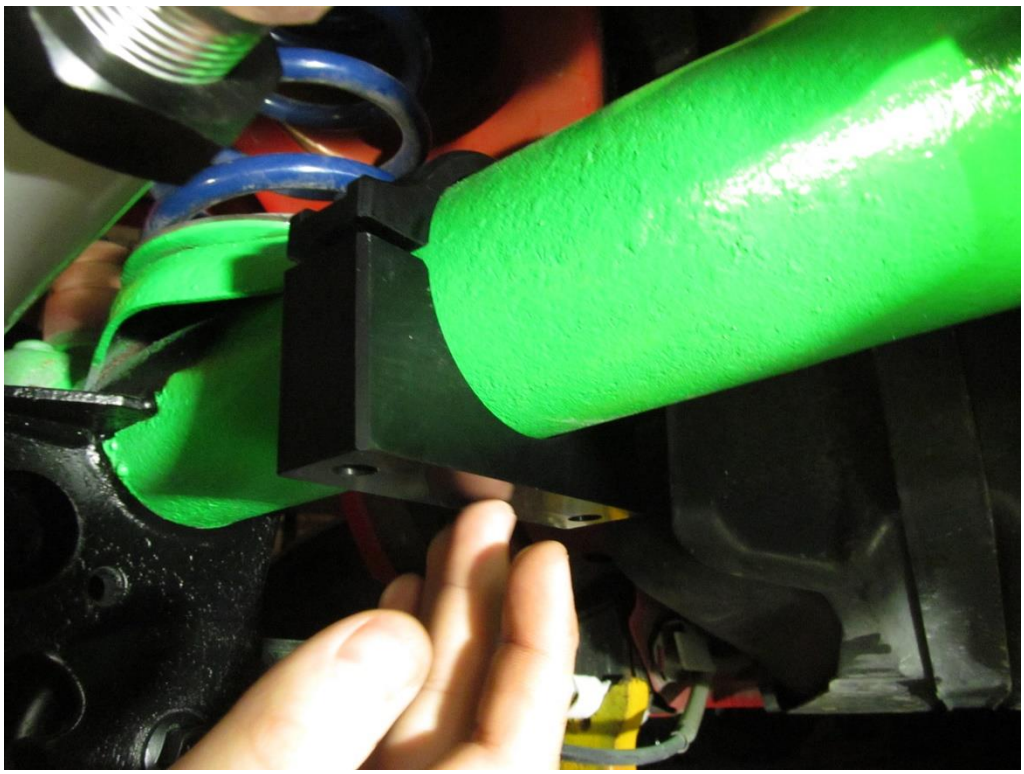



2. Open the High Performance Bushing Lubricant that came in the hardware and spread the lubricant inside the two supplied bushings.

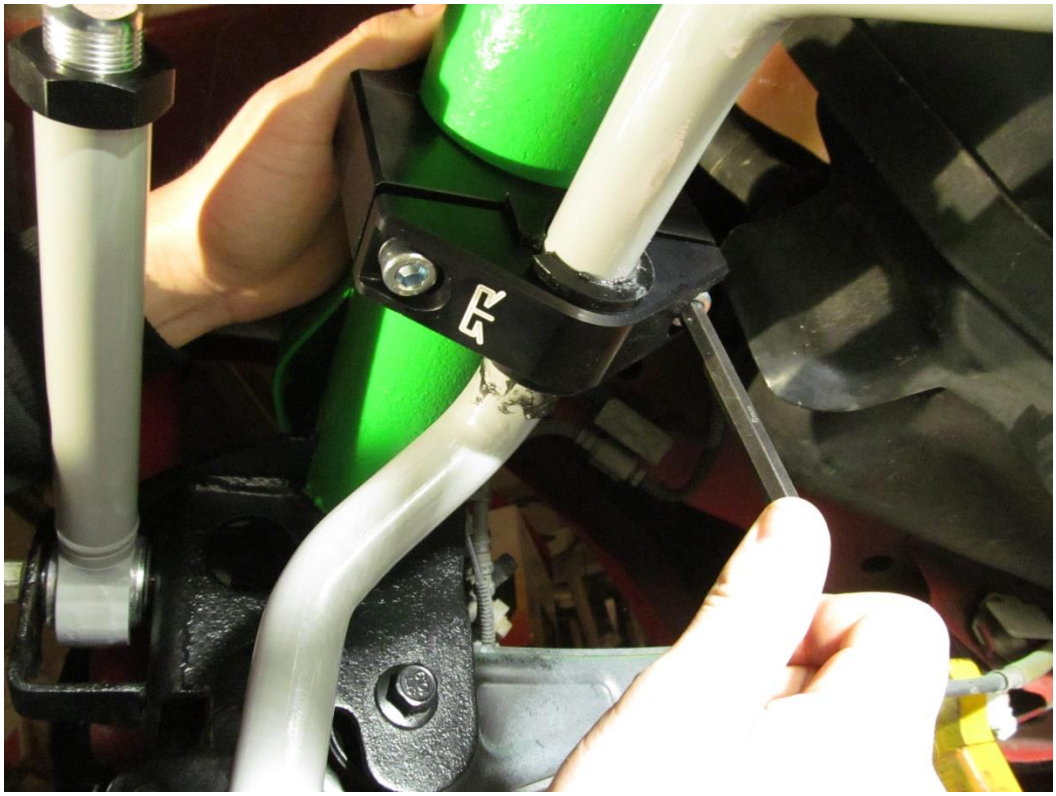
3. Place the bushings on the end of the sway bar and install the lower piece of the axle bracket with the RTR white lettering facing the rear of the car.



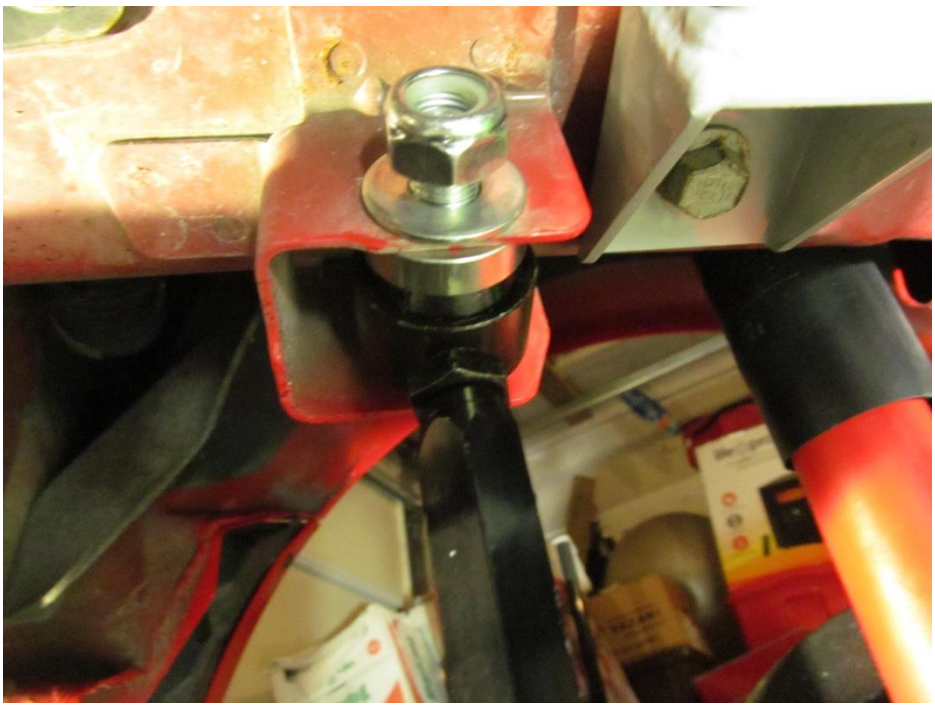
4. From underneath the car put the two other pieces of the axle bracket around the axle and press them in place to hold them in position. Make sure they are even on both sides of the axle.



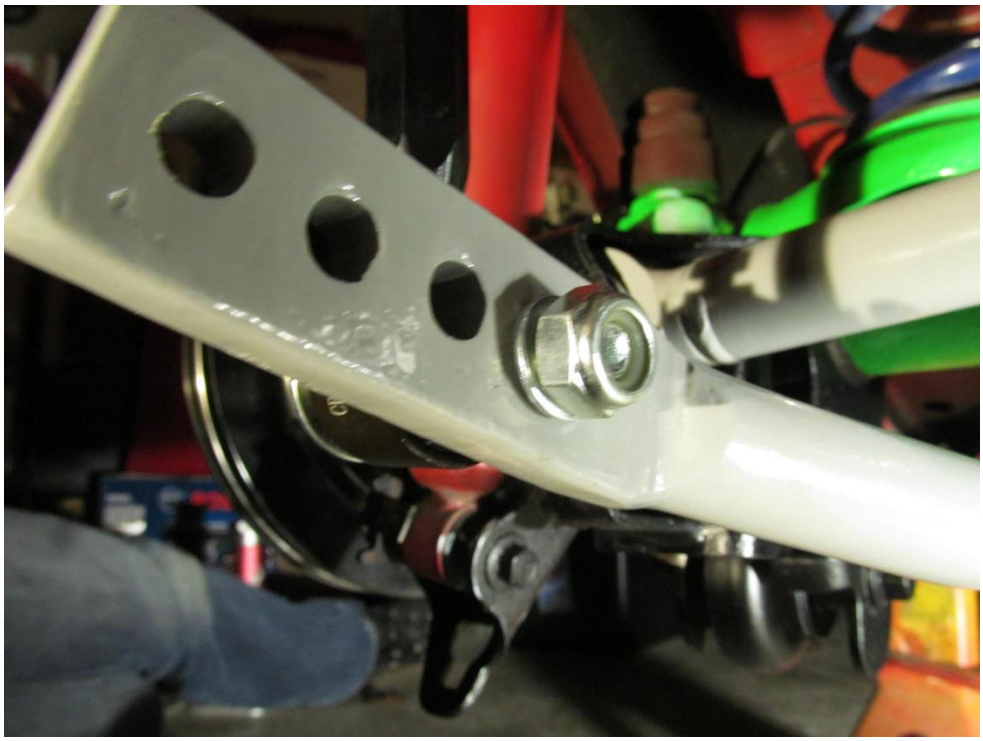
5. With the axle bracket in place, hold up the sway bar and install and snug the bolt using the 8mm allen wrench. The nut does not need to be held because the axle bracket prevents it from turning. In these next steps hand tighten everything until all parts are in place.



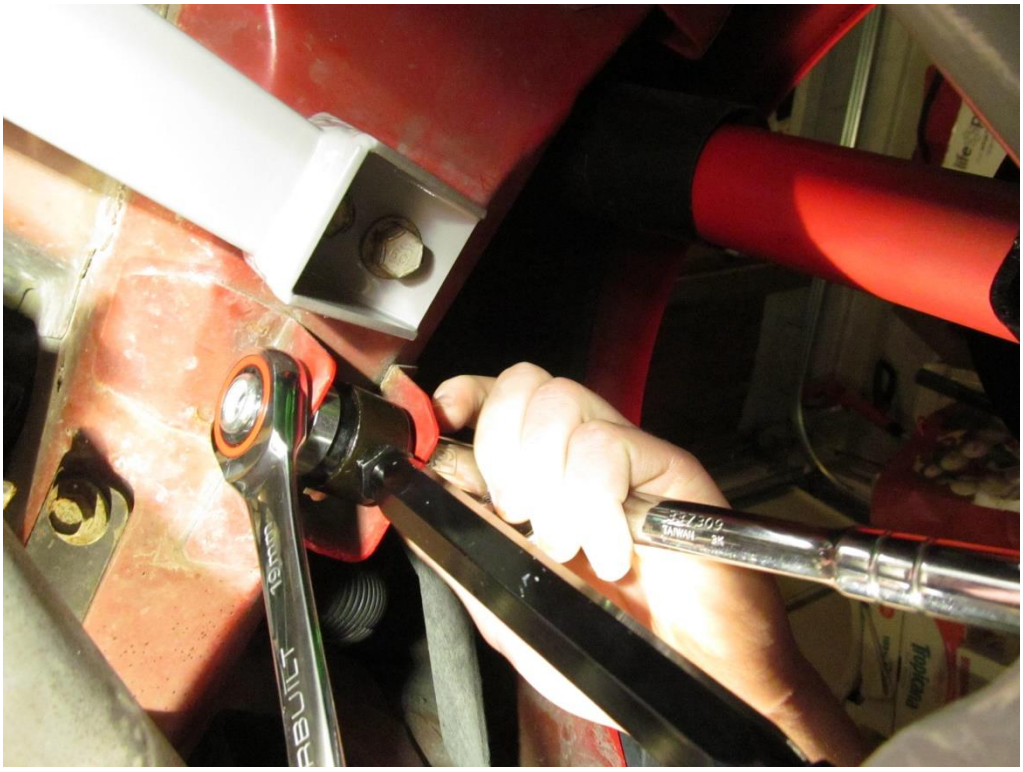
6. Using the 19mm bolt, 19mm nut, and supplied hardware, attach the sway bar link to the vehicle in this order. (19mm bolt, thin washer, vehicle bracket, RTR sway bar link, thick washer, vehicle bracket, thin washer, 19mm nut) *Note the image is of the driver's side sway bar link.



7. Now attach the other side of the RTR sway bar link to the RTR sway bar. There are four holes you can choose to install the bar to. The hole furthest out will give your car the softest handling closest to stock suspension. The hole furthest in towards the axle will be the stiffest setting. In the image I have chosen the stiffest setting. Install the supplied 17mm bolt, 17mm nut, and supplied hardware in this order. (17mm bolt, washer, RTR sway bar link, RTR sway bar, small washer, 17mm nut) *Note the image is of the driver's side.



8. With everything now hand tightened and in place use the 1/2" drive ratchet, 19mm and 17mm sockets and wrenches to tighten the sway bar links. The top end of the sway bar link where it attaches to the car can be torqued to manufacturer  settings of 86 ft lbs. The lower end of the sway bar link that attached to the sway bar does not have a manufacture specification because the original sway bar link does not attach this way so you will just have to tighten the 17mm bolt to user satisfaction.



9. Now go back and fully tighten the 8mm axle bracket bolt with the allen wrench. There is not manufacture specification for this bolt either so user's discretion.

10. The last step is to tighten down the adjustment nuts on the sway bar once they are even lengths with a 0-1 1/2" crescent wrench. Once tight you can install your wheels and lower your car.


11. Your RTR Rear Adjustable Sway Bar is now installed!!! Be sure to check all bolts after 50 miles of driving to ensure they still tight. Now go test it out!