

HD ADJUSTABLE REAR TRACK BAR

SKU# 150310-424000



INSTALLATION NOTES

PROFESSIONAL INSTALLATION IS STRONGLY RECOMMENDED!

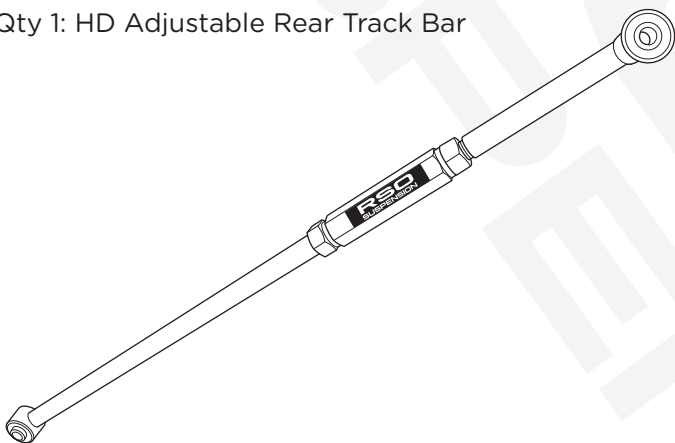
If you intend to do this installation yourself, please use extreme caution when working under a vehicle that is supported with jack stands. Serious injury or death can occur.

Read through entire installation manual to ensure that you understand all of the steps before proceeding with installation. If these instructions are not properly followed, severe frame, suspension, and tire damage may occur. Product failure or vehicle damage caused by improper installation will not be covered under warranty!

Remove all contents from the package and inspect for any damage. Also, verify that all components listed are included before you begin installation. If anything is missing or damaged please contact us at customerservice@cyc-engineering.com - IMPORTANT: DO NOT INSTALL DAMAGED PARTS!

COMPONENTS

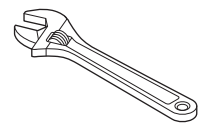
Qty 1: HD Adjustable Rear Track Bar



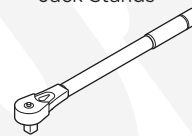
TOOLS REQUIRED



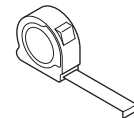
Jack Stands



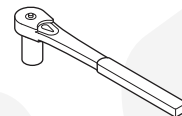
Adjustable Wrench



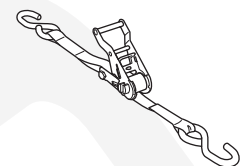
Torque Wrench



Tape Measure



19mm Socket/Wrench



Ratchet Strap



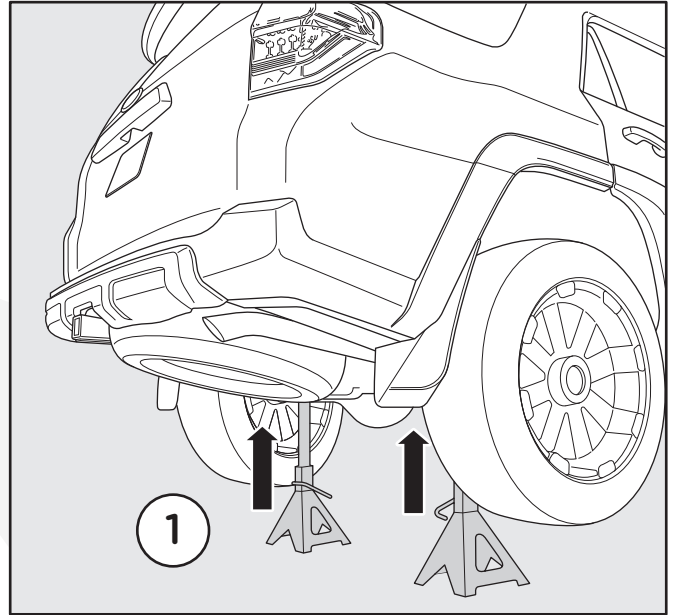
Jack

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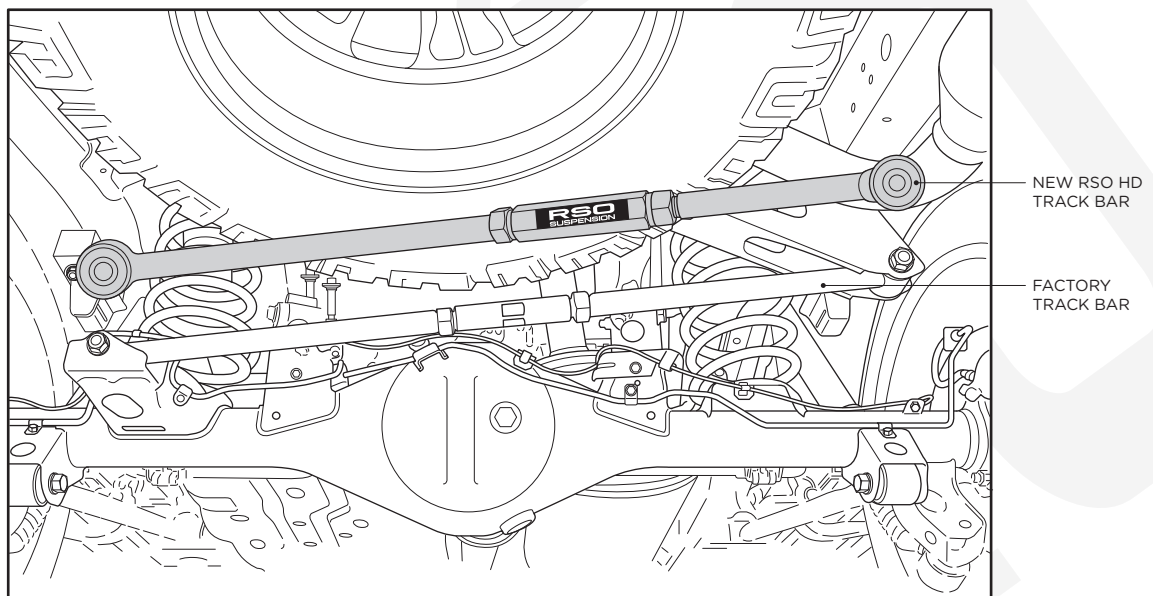
SKU# 150310-424000

RSO SUSPENSION

1. Use properly rated jack stands to support the vehicle, chock the front tires to ensure no movement while working under your vehicle. Once the back of the vehicle is on the ground and secured, remove the rear wheels.
2. Using a properly rated hydraulic jack under the axle housing, raise the jack to remove tension on the rear suspension and remove the factory rear track bar using a 19mm socket or wrench. Keep the factory hardware as it will be reused for installation.



3. Place the new RSO HD track bar on top of the factory track bar and adjust the length of the RSO track bar until you line up the holes in the bushings. This will help get an approximate length needed prior to installation and make final adjustments easier.

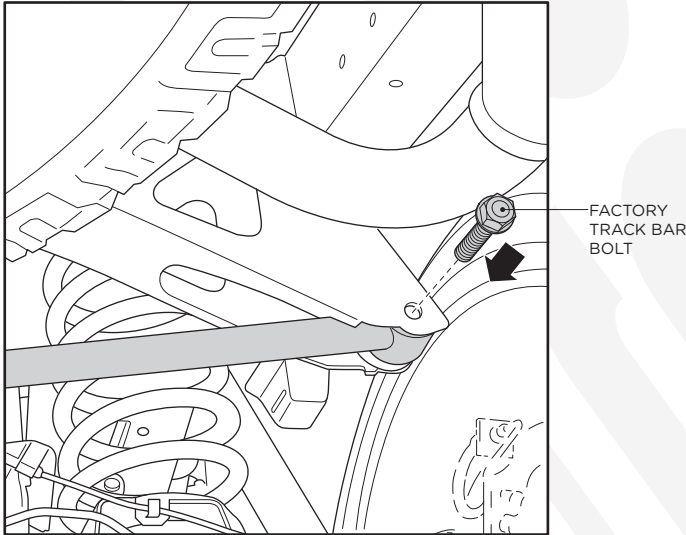


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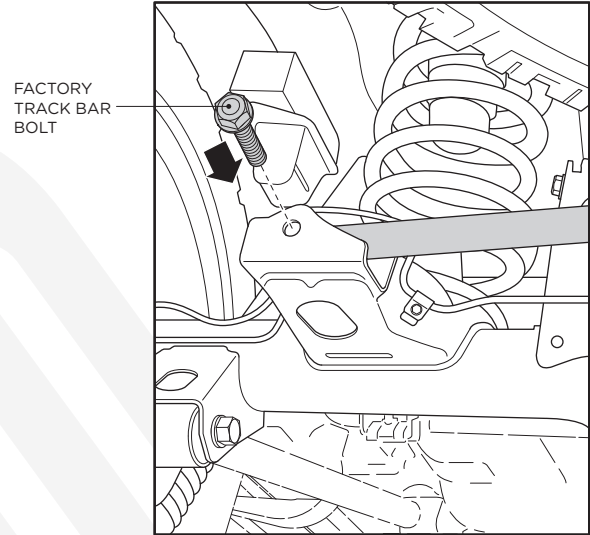
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RSO SUSPENSION

4a. Mount the frame side bushing into the frame mounting bracket and secure using the factory bolt, do not over-tighten the hardware until all adjustments have been finalized.

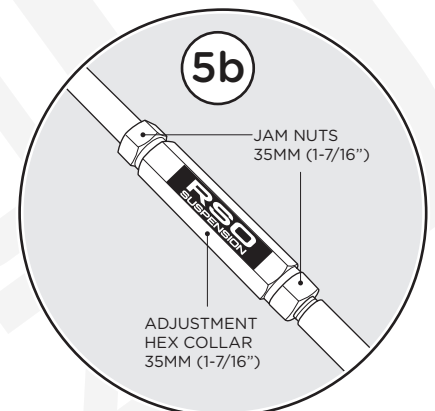
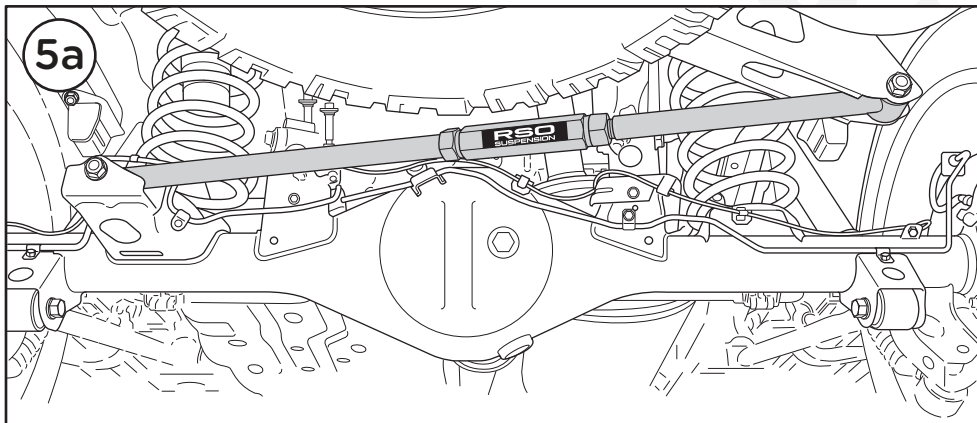


4b. Mount the axle side bushing into the axle side track bar mounting bracket and secure using the factory track bar bolt, do not over-tighten the hardware.



5a. Reinstall the wheels and lower the vehicle onto the ground and under its own weight. Torque the factory hardware to 96ft/lbs on both the frame and axle side. Determine if the axle housing is centered with the chassis by measuring the distance between the tires and chassis, using the same points on each side of the vehicle to ensure accuracy. If the two measurements are the same, the axle is centered. If the two measurements are different, divide the difference in half to determine the amount of required adjustment. The axle can be shifted using the method shown in step 6.

5b. The track bar can be adjusted while installed using the adjustment collar. Loosen the jam nuts using an adjustable wrench that opens to at least 1.5 inches. Use the same wrench to turn the collar to lengthen or shorten the track bar.

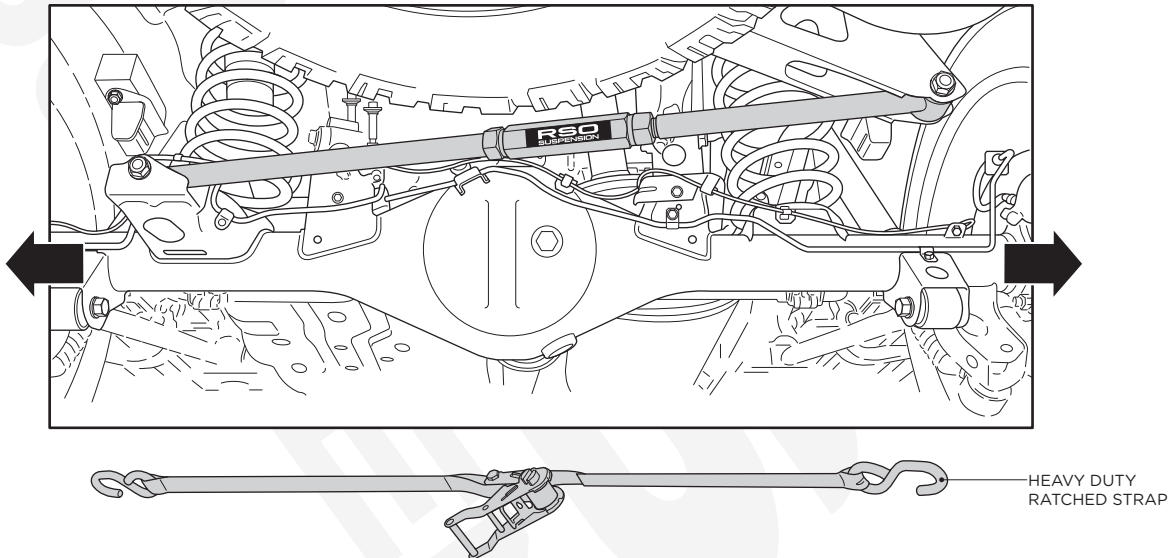


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RSO
SUSPENSION

6. To center the axle under the vehicle you can use the ratchet strap method. Attach a heavy duty ratchet strap to the chassis on one side of the vehicle and to the axle housing on the other side. Tighten the strap in small increments to pull the chassis in alignment with the axle. Take measurements after each adjustment until centered.



7. Once you have determined the axle is centered, tighten the jam nuts and torque to 60ft/lbs.

8. We now recommend a professional alignment. Check all hardware after 100 miles of driving and retorquer as necessary.

REGULAR MAINTENANCE SCHEDULE

Track Bars are essentially maintenance free, however the bushings are a consumable component. See Signs of Wear below for more information.

For the bushings, a visual inspection at every oil change is recommended to detect any accumulation of dirt or debris.

CLEANING & LUBRICATION

Should dirt accumulate on the bushings, wipe clean with a rag.

SIGNS OF WEAR

Excessive back and forth play or rattling in the bushings indicates wear. In such instances, it is imperative to replace the affected parts promptly. You can order replacement parts at www.cyc-engineering.com

Replacement Part numbers for this particular SKU are listed below for your reference.

SKU: REP-BUSHING-1-KIT (Replacement Rubber Bushings)

TECHNICAL NOTES