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Revisions			
Rev.	Description	Date	Approved
A	Initial Release Per ECO 21-012	4/8/21	RG



Jeep Wrangler Rear Adjustable Track Bar

Installation Instructions

Applications:
2007-2018 Jeep Wrangler (JK)



TITLE:
JEEP WRANGLER JK REAR ADJ TRACK BAR INSTALLATION INSTRUCTIONS

SIZE A	DWG NO:	REV
	8062-02-INST	A
SCALE: N/A		PAGE 1 OF 7



JEEP WRANGLER JK REAR ADJ TRACK BAR INSTALLATION INSTRUCTIONS

Thank you for purchasing the best aftermarket products available for your vehicle. We strongly feel that the parts you are about to install should meet or exceed your expectations for performance. Proper assembly is critical to the performance of these components and the vehicle as a whole. Please take the time to carefully read these instructions and familiarize yourself with the installation procedure before working on your vehicle. If you have any questions PLEASE contact Synergy Manufacturing BEFORE beginning installation. Thanks again for supporting Synergy – enjoy the performance benefits of the best aftermarket products available for your vehicle!

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Modifying or otherwise altering vehicle components may cause the vehicle to handle differently than originally designed. It is the driver’s responsibility to familiarize themselves with the performance and handling characteristics of the modified vehicle. Vehicles with larger diameter than stock tires must be driven carefully and cannot be expected to perform as stock or meet OEM performance with regard to handling, braking or crash performance. Ensure all replacement components are compatible with vehicle capacities so as not to overload components, especially tires. It is up to the individual to ensure that the vehicle and all components are compatible with the intended vehicle use, including load ratings, road conditions, and driver abilities. Thorough and frequent vehicle inspections are recommended to ensure a safe and reliable state of readiness, especially after off-highway use.

PARTS LIST

8062-02 Jeep Wrangler Jk Rear Track Bar		
QTY	Part Number	Description
1	806202-PC	JEEP JK REAR ADJ TRACK BAR, POWDERCOATED
1	3622-07-14L-PL	DOUBLE ADJUSTER SLEEVE 7/8 – 14TPI LH
1	4811-01	TRACK BAR DDB JOINT, 1.75OD BUSHING, 7/8-14LH SHANK
1	4327-01	TRACK BAR BUSHING, 1.75OD x .563 BOLT
1	N/A	1/2-20 X 1 3/4” HEX BOLT, GRADE 8
1	N/A	1/2-20 TOP LOCK NUT

GENERAL NOTES

- These instructions are also available on our website; www.synergymfg.com. Check the website before you begin for any updated instructions and additional photos or videos for your reference.
- The installation of this adjustable track bar will allow you to correctly align the rear axle after a suspension lift kit is installed.
- The track bar features a double adjuster sleeve which allows you to adjust the length of the track bar without removing the end of the track bar from the vehicle.
- Replacement bushings are available from Synergy Mfg.

TOOLS REQUIRED

- 21mm and 3/4" sockets and wrenches
- 1-1/4" wrench or adjustable (Crescent type) wrench
- Torque Wrench
- Tape measure and straight edge

ESTIMATED INSTALLATION TIME:

~ 1/2 Hour

INSTALLATION

1. Installation can be done on the ground. There is no need to lift the vehicle off the ground or remove the wheels and tires. The track bar comes preassembled with all necessary components.
2. Using a 21mm socket, loosen and unbolt the rear track bar from the axle side mount. Save the stock hardware, it will be re-used. See **Figure 1**.

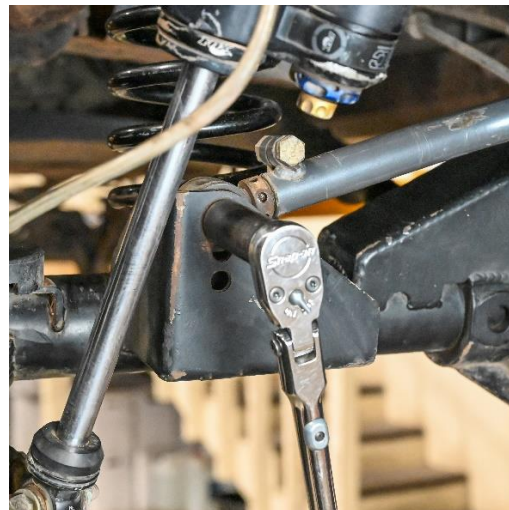


Figure 1. Removing the Track Bar from the Axle End

3. Using a 21mm socket, loosen, then unbolt the frame side track bar bolt taking care to support the track bar before you pull the bolt all the way out. Save the stock hardware, it will be re-used. Completely remove the track bar. See **figures 2 and 3**.



Figures 2 and 3. Removing the Track Bar from the Frame Side

4. Install the Synergy Mfg track bar by putting the adjustable side in the frame-side track bar mount and reuse the OEM bolt and nut. The factory bolt must be installed with the bolt head facing the front of the vehicle and the nut facing the rear. This is done to avoid any interference with other suspension components. Make sure the bend faces the rear of the vehicle to clear the differential and the pinch bolt bungs face down. See **Figures 4 and 5**.



Figure 4. Installing the Synergy Mfg Track Bar at the Frame



Figure 5. Correct Bend Orientation of Synergy Mfg JK Rear Track Bar

5. Next, install the non-adjustable side into the axle-side mount. Adjust the track bar length with the adjuster sleeve at the frame-side until the track bar bushing bolt hole and the axle mount bolt holes line up. Do not adjust the track bar by spinning the bar itself. **See Figure 6.** If the bar cannot be adjusted to make the bolt holes line up, a ratchet strap between the frame and opposing side on the axle can be used to pull the body whichever way it needs to get the bolt holes to line up.

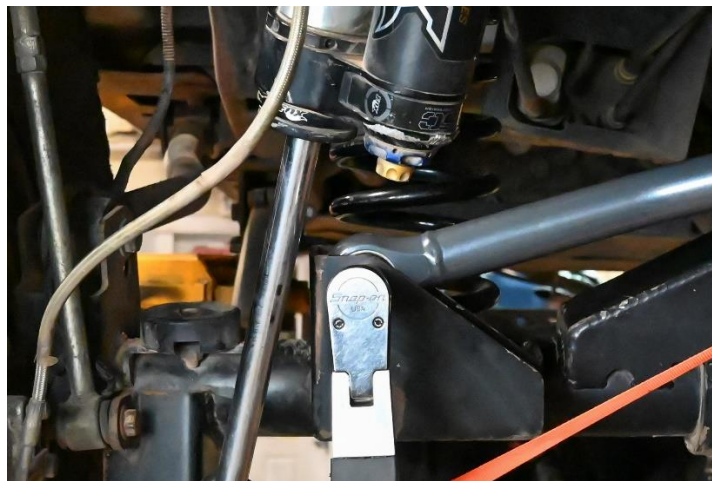


Figure 6. Installing the Synergy Mfg Track Bar at the Axle

6. Torque the track bar bolts to OEM specifications; 125 ft-lbs on both the axle and frame sides
7. With the Jeep on the ground at ride height, use the double adjuster to center the axle under the body of the Jeep. You can measure from the frame to the tire on each side to get the axle centered. Make sure the adjuster sleeve end is adjusted by turning the adjuster sleeve and not the bushing end or track bar itself. **See Figure 7.** We recommend rotating the sleeve until one of the slots in the sleeve lines up with the slot in the track bar. **See Figure 8** The minimum bar length from center of bolt hole to center of bolt hole is 39-3/4". The maximum recommended bar length is 40-3/4".



Figure 7. Adjusting the Track Bar to Center the Axle

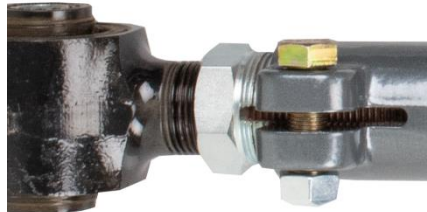


Figure 8. Correctly Aligned Adjuster Sleeve Assembly

8. With a 3/4" socket and wrench, tighten the pinch bolt at the double adjuster on the track bar to 90 ft-lbs. See **Figure 8**.



Figure 8. Tightening the Pinch Bolt and Nut

9. Re-check bolt torques after the first 100 miles of driving and again after each off-road trip.



Installation is Complete

Table 1. Jeep JK Rear Track Bar Bolt Torques

Bolted Joint Location	Wrench Size	Torque
Axle Side Track Bar Bolt	21mm	125 ft-lbs
Frame Side Track Bar Bolt	21mm	125 ft-lbs
Adjuster Pinch Bolt	3/4"	90 ft-lbs