



# INSTALLATION INSTRUCTIONS

**Product: Adjustable Front Track Bar**

**Part Number: JKSOGS123**

**Applications: Wrangler JL, 2018 0-4" Lift; JT Gladiator, 2020**

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## Welcome

CONGRATULATIONS on purchasing a new Adjustable Trackbar from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

## Important

**NOT COMPATIBLE WITH frame-mounted track bar drop brackets.**

**NOT COMPATIBLE WITH right hand drive vehicles.**

**CHECK TORQUE SPECIFICATIONS regularly.**

## Tools Required

- Hydraulic Floor Jack & Jack Stands
- Metric/Standard Socket Wrench Set
- Torque Wrench
- 1-7/8" Open-End or part OGS1695 Jam Nut Wrench
- Tape Measure
- Ratchet Strap \*

\* Asterisk denotes tools that are not required for some applications. Read instructions first to determine which tools will be required for your application.

## Parts



|   | Description                   | QTY |
|---|-------------------------------|-----|
| A | Male Threaded (Axle) End      | 1   |
| B | Female Threaded (Chassis) End | 1   |
| C | 1-1/4" NF Jam Nut             | 1   |
| D | Rubber Bushing                | 2   |

## Installation

### ❑ 1. REMOVE FRONT TRACK BAR

- Raise and support the vehicle chassis with jack stands positioned behind the front lower suspension arm brackets.
- Raise and support the front axle housing with a hydraulic jack to relieve any tension from the mounting bolts.
- Remove the front track bar mounting hardware from the axle and chassis brackets (21mm) Retain original hardware.
- Remove original track bar from vehicle.

### ❑ 2. MOUNT ADJUSTABLE TRACKBAR TO CHASSIS BRACKET

- The factory bar length is 33-3/4". Depending on the amount of lift you have adjust the bar to the approximate necessary length. For reference, 2.5" of lift requires the track bar to be about 1/4" longer. Finally adjustment will be done later.
- Insert Chassis End (B) of Adjustable Trackbar into the chassis bracket.



- Loosely install the original mounting hardware.

### ❑ 3. CENTER FRONT AXLE HOUSING

- Remove jack stands and lower vehicle to ground. **HINT:** Vehicle must be at normal ride height, on level ground, with the suspension supporting the full vehicle weight. Bounce the vehicle to settle the suspension.
- Temporarily install the track bar into the axle mount with the original bolt. See tips below to get the axle mount to line up with the track bar

#### **Steering Wheel (preferred)**

- Have a partner turn the steering wheel in small increments to shift the vehicle chassis until the track bar lines up with the mount.

#### **Ratchet Strap**

- If working by yourself, attach a ratchet strap to the chassis on one side of the vehicle and to the axle housing on the other side.
- Tighten the strap until the track bar lines up with the axle mount.
- Determine if the axle housing is centered by measuring the distance between the tire and chassis, using the exact same points on each side of the vehicle to ensure accuracy.

**HINT:** For example, measure from the edge of a tire tread lug to the outboard side of the chassis, then repeat the measurement on the other side of vehicle using exact same points.

- If the two measurements are equal, the axle is centered. If the measurements vary, divide the difference in half to determine the amount of adjustment required.

### ❑ 4. SET ADJUSTABLE TRACKBAR LENGTH AND MOUNT TO AXLE

- Temporarily remove the adjustable track bar from the axle to make the adjustment measured in the previous step and re-install.
- Mount track bar into the axle with the original mounting hardware.



- Double check the axle center measurement and re-adjust if necessary.

### ❑ 5. POST-INSTALLATION

- Once all adjustments are complete, fully tighten the Jam Nut (C) to prevent Adjustable Trackbar length from changing. Using a torque wrench, tighten mounting hardware at both ends of track bar to 125 ft-lbs.

## Maintenance

Check torque specifications regularly.

Regular cleaning with pressurized water is recommended to maximize reliability.

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