



# Installation Instructions

Product: Adjustable Trackbar

Part Number: PN OGS127

## Welcome

CONGRATULATIONS on your purchase of a new JKS Adjustable Trackbar system! At 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 Safety Information

**CHECK TORQUE SPECIFICATIONS regularly.**

## Warning

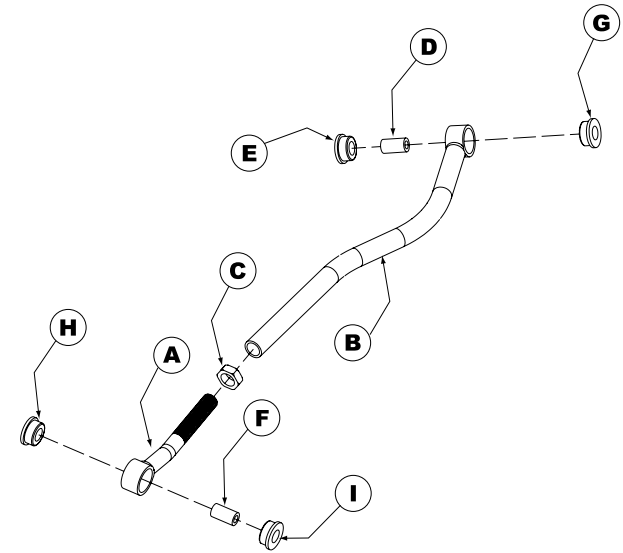
NOT COMPATIBLE WITH right hand drive vehicles.

## Tools Required

- Metric/Standard Socket Wrench Set
- Torque Wrench
- Flat Head Screwdriver
- Tape Measure
- 1-7/16" Open-End Wrench
- Heavy Duty Ratchet Strap \*
- Anti-Seize Lubricant
- Hydraulic Press \*
- Wheel Bearing Grease

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

## Parts



<b>A</b>	Male Threaded (Axle) End
<b>B</b>	Female Threaded (Chassis) End
<b>C</b>	1" NF Jam Nut
<b>D</b>	Sleeve
<b>E</b>	Polyurethane Bushing
<b>F</b>	Sleeve
<b>G</b>	Polyurethane Bushing
<b>H</b>	Polyurethane Bushing
<b>I</b>	Polyurethane Bushing

## Installation

### ❑ REMOVE ORIGINAL EQUIPMENT (OE) FRONT TRACK BAR

- Remove front track bar and mounting hardware per the factory service manual instructions for your vehicle. Retain the original mounting hardware as it is required for Adjustable Trackbar installation.

**HINT:** It will be necessary to remove the driver-side bumpstop to access the bolt on chassis end. A flat head screwdriver is useful for removing bumpstop from holder.

### ❑ LUBRICATE BUSHINGS AT BOTH ENDS OF TRACKBAR

- Locate the bag of parts containing the Polyurethane Bushings (E, G, H, & I) and Sleeves (D & F).
- Liberally apply wheel bearing grease to surface of bushings.
- Assemble Polyurethane Bushings and Sleeves at each end of trackbar as indicated in the parts diagram on page 1.

### ❑ MOUNT ADJUSTABLE TRACKBAR TO CHASSIS RAIL BRACKET

- Mount Chassis End (B) of Adjustable Trackbar to the chassis rail bracket and secure with the original mounting hardware. Apply anti-seize lubricant to bolt threads.

**HINT:** When installed correctly, the curve in Adjustable Trackbar should point toward the front of vehicle.

- Tighten original mounting bolt on chassis rail bracket to 75 ft-lb. using a torque wrench.

### ❑ CENTER FRONT AXLE HOUSING

The front axle housing must be in perfect lateral alignment with vehicle chassis before Adjustable Trackbar installation can be completed.

- 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 the 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.

**HINT:** If the axle housing is not centered, the chassis can be laterally shifted using either of the following methods.

#### Steering Wheel

- Have a partner turn the steering wheel in small increments to shift the vehicle chassis side-to-side. Your partner should hold the steering wheel steady after each adjustment while you take measurements.

#### Ratchet Strap

- Attach a heavy duty ratchet strap to the chassis on one side of the vehicle, and to the axle housing on the other side. Slowly tighten the strap in small increments to pull the chassis in alignment with the axle. Take measurements after each adjustment until centered.

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

**IMPORTANT:** The length of the Adjustable Trackbar must be set with the axle housing perfectly centered and the vehicle at normal ride height.

- With the axle housing centered beneath the chassis, adjust the length of Adjustable Trackbar by rotating the Axle End (A) until the Bushing Sleeve (F) aligns with the mounting holes on the axle bracket.

**HINT:** If Bushing Sleeve at Axle End is not parallel with axle bracket mounting holes, it may be necessary to slightly bend the Axle End of trackbar using a hydraulic press. Variations in the axle bracket position are typically the result of modifications to related suspension parts.

- Apply anti-seize lubricant to original mounting bolt threads and adjustment threads of trackbar.
- Install Axle End (A) of Adjustable Trackbar to the axle bracket by securing with the original mounting hardware.
- Take measurements again to ensure axle housing is perfectly centered and make any final adjustments if necessary.
- Once all adjustments are complete, fully tighten the Jam Nut (C) to prevent Adjustable Trackbar length from changing.

**HINT:** It may be easier to tighten Jam Nut with the Adjustable Trackbar removed from the vehicle.

- Tighten original mounting bolt on axle bracket to 75 ft-lb. using a torque wrench.

## Maintenance

Check torque specifications regularly.

Regular cleaning with pressurized water is recommended to maximize reliability.

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Revision Date 4/7/2006