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PART #	DESCRIPTION
54200	07-UP FJ/03-UP 4RUNNER REAR ADJUSTABLE TRACK BAR KIT

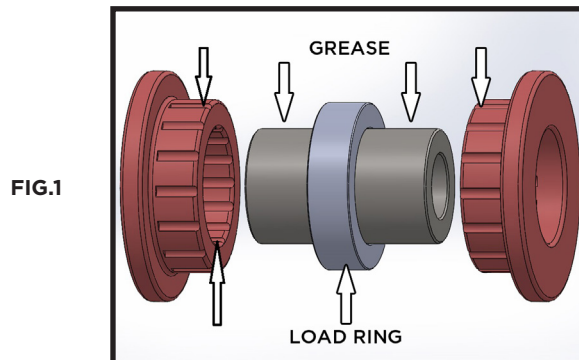
COMPONENTS INCLUDED	
(1) 154002 FJ/4RNR REAR ADJ TRACK BAR	
HARDWARE INCLUDED	
(2) 157432 HEIM SPACER JM12 X .562 X 1.965 (1) 157520 L-R ADJ SLEEVE 1.00-14L / .75-16 (1) 295511 JM12T ROD END (2) 605145 3/8-16 X 1.000 12 PT SCREW (1) 605837 M10-1.25 X 35MM	(1) 159002 SLEEVE 1.000 X .562 X 1.970 (2) 297034 HAT BUSHING 1.625 Z 1.000 X .850 (1) 605902 1/4-28 STRAIGHT STEEL ZERK (1) 297042 POLY RING 1.590 X 1.005 X .250 (75D)
TOOLS REQUIRED	
TORQUE WRENCH 6MM ALLEN WRENCH	3/8" SOCKET / WRENCH 14MM SOCKET / WRENCH 19MM SOCKET / WRENCH
TECH NOTES	
<p>1. THIS TRACK BAR IS DESIGNED TO BE ADJUSTED ON THE VEHICLE WITH THE THREADED ADJUSTER. ADJUSTING IT OFF OF THE VEHICLE BY TURNING ONLY THE ROD END OR ONLY THE ADJUSTER WILL LEAD TO INCORRECT THREAD ENGAGEMENT AND FAILURE. ALWAYS ADJUST EQUALLY.</p> <p>2. FACTORY TRACK BAR LENGTH IS 40". THE TRACK BAR SHOULD BE ADJUSTED ROUGHLY 1/16" LONGER FOR EACH INCH OF LIFT ASSUMING FACTORY TRACK BAR MOUNTING LOCATION. FINAL NUMBER DETERMINED BY PROFESSIONAL ALIGNMENT.</p> <p>3. THE TRACK BAR HAS A BEND IN IT TO CLEAR THE KDSS SWAY BAR LINK ON THE PASSENGER SIDE AT FULL DROOP. THE SUPPLIED 10-1.25 X 35 BUTTON HEAD REPLACES THE FACTORY BOLT ON THE FORWARD BOLT OF THE KDSS LINK ON THE DRIVER SIDE FOR CLEARANCE AT FULL DROOP.</p> <p>4. DO NOT EXCEED 2,000" OF ADJUSTMENT FROM THE CENTER OF THE ROD END TO THE EDGE OF THE TRACK BAR PINCH HOUSING. FAILURE CAUSED BY EXCESSIVE ADJUSTMENT WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY. REFER TO TECH NOTE PHOTO #4.</p>	



WARNING!
<p>** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLTION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.</p>

## INSTALLATION

- With the vehicle in park and on a level surface chock the tires. Remove the factory rear track bar from the frame and axle using a 19mm socket/wrench.
- Assemble the track bar. Care must be taken to grease the bushings (liberally) prior to installing assembly. Failure to grease properly will cause premature bushing wear and increased noise. [FIGURE 1]



- Lay the ICON track bar assembly over the stock track bar and adjust the end until the eye to eye dimensions are close to factory.

**NOTE:** Factory track bar is 40" eye to eye.

- Install the rod end side into the axle mounting pocket using the (157432) heim spacers and the factory hardware. Orient the track bar so that the bend faces up. [Torque to factory spec]
- Install the bushing end side into the frame mounting pocket using the factory hardware. Install grease via the zerk fitting until grease comes out of bushing gaps prior to fastening the mounting bolt. [Torque to factory spec]

6. Remove the front KDSS swaybar clamp bolt on the driver side with a 14mm socket/wrench. Replace with the supplied 10-1.25 X 35 button head using a 6mm allen wrench. [Torque to 35 ft-lbs] [FIGURE 2]

FIG.2



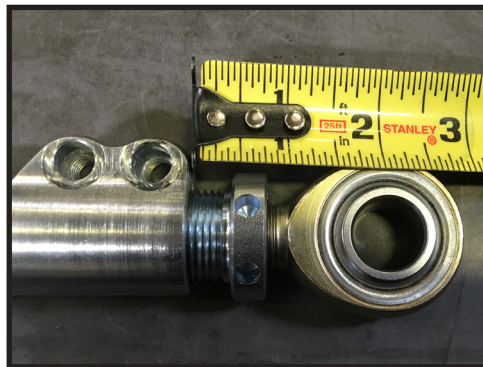
7. Once installed, the track bar can be adjusted to center the axle. Loosen the pinch bolts using a 3/8" 12pt. Turn collar to desired length. Line up the slit in the collar with the slit in the tube, apply blue thread locker to the pinch bolts and tighten in an opposing pattern. DO NOT OVERTIGHTEN! [Torque pinch bolts to 25 ft-lbs]

8. Have the vehicle professionally aligned.

***VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.***

***RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.***

[TECH NOTE #4]



## ICON VEHICLE DYNAMICS LIMITED LIFETIME WARRANTY

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at ICON Vehicle Dynamics' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered.

ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.

# ICON VEHICLE DYNAMICS

PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

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