*RUBICON EXPRESS 1900 EL CAMINO AVE., SACRAMENTO, CA. 95815 866-533-7706, www.Rubiconexpress.com*

# INSTALLATION INSTRUCTIONS FOR:
# RE1689
# JEEP JK/JL/2020 JT HD TRACK BAR

**Safety Warning:**
Suspension systems or components that enhance the off-road performance of your vehicle may cause it to handle differently, on and off-road, than it did from the factory. Care must be taken to prevent loss of control or vehicle rollover during sudden maneuvers. Failure to drive the vehicle safely may result in serious injury or death to driver and passengers. We recommend you always wear your seatbelt, drive safely and avoid quick turns and other sudden maneuvers. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

**Installation Warning:**
We recommend that certified technicians perform the installations of our products. Attempts to install these products without knowledge or experience may jeopardize the safety of the vehicle. These instructions only cover the installation of our products and may not include factory procedures for disassembly and reassembly of factory components. Read instructions from start to finish and be sure all parts are present before disassembling the vehicle. Included instructions are guidelines only for recommended procedures and in no way are meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications. Do not perform test drives on public roads with partially completed installations. Always double and triple check your work before use.

**ESP WARNING NOTE: The 2007+ Jeep Wrangler JK/JL/2020 JT is equipped an Electric Stability Program (ESP). This system is designed to help control the vehicle in times of uncertain traction conditions and roll stability. Due to the complex nature of this program Rubicon Express strongly suggest that after lifting the vehicle it is returned to the dealer for a computer "flash" to re address tire size and proper ESP control settings. Rubicon Express also recommends that you become familiar with the ESP controls and how the different level of settings can help you to keep better control of your vehicle.**

**IMPORTANT!: This HD track bar requires 1" bump stop spacer to be used on JL/JT models.**

## REQUIRED TOOLS:
Basic mechanics' hand tools
Jack and Jack Stands or Vehicle Lift
Drill Motor
9/16" Drill Bit

# RE1689: JK/JL/JT HD Front Adjustable Track Bar

**1 88-RM14053 HD Front Track Bar**
**1 88-RM14060 JK Threaded Sleeve: 5.6" (Sleeve comes pre-installed on track bar)**
**1 88-RM14091 JL Threaded Sleeve: 7.5"**
**1 35-RM14063 Spacer**

**NOTE: HD front track bar, 88-RM14053, comes with the JK threaded sleeve, 88 -RM14060, installed. If installing this HD track bar on a JL/JT model, remove JK threaded sleeve and install JL/JT threaded sleeve, 88-RM14091. Be sure there is equal thread engagement inside the threaded sleeve. Failure to install the proper sleeve will result in inadequate thread engagement.**

## Installation:

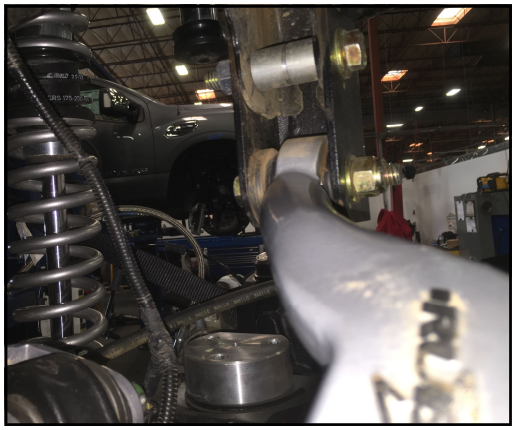
1. Begin installation by placing vehicle on flat level surface and engage parking brake.
2. With the vehicle at ride height, remove **OE** front track bar from the front axle mount and the frame mount.

3a. For JK model installation, measure the length of the **OE** front track bar (measured center to center of bushing sleeves). Use that measurement as a starting point for adjustment when centering axle. **(Photo 1)**

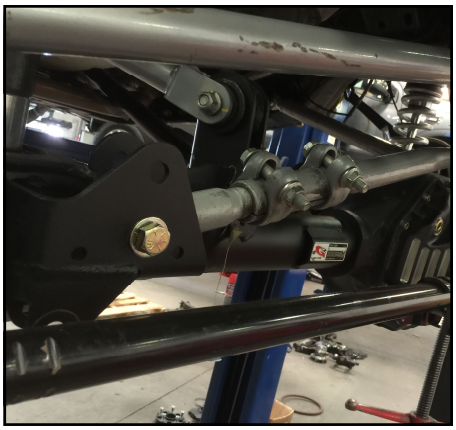
3b. For JL/JT model installation, install threaded sleeve, 88-RM14091, with an initial setting of 34" (measured center to center of bushing sleeves). Use that measurement as a starting point for adjustment when centering axle.

4. Install the HD front track bar, 88-RM14053, into the frame mount using the previously removed **OE** hardware. **(Photo 2)**
   ***IMPORTANT!: Make sure the adjustable end of the HD track bar is located at the front axle mount.***

**(Photo #1)**

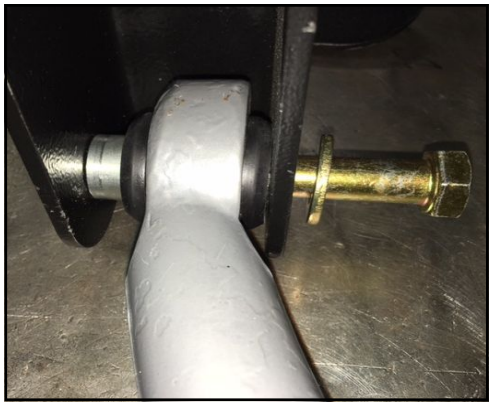


**(Photo #2)**



**(Photo #3)**

**(Photo #4)**



**(Photo #5)**

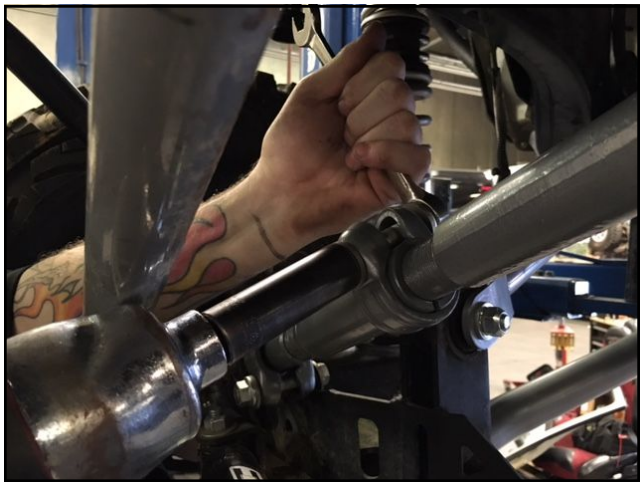
5. Install the axle end of the HD front track bar, 88-RM14053, to the front axle mount using the previously removed **OE** hardware. **(Photo 3)**

   ***NOTE: HD front track bar, 88-RM14053 , can be used in conjunction with track bar bracket 86-RM22045. In order to do this you will need to modify the 86-RM22045 track bar bracket by drilling the lower hole out to 9/16". The HD front track bar comes with a spacer , 35-RM14063 to offset the HD front track bar toward the front of the vehicle.*** **(Photos 4 & 5)**

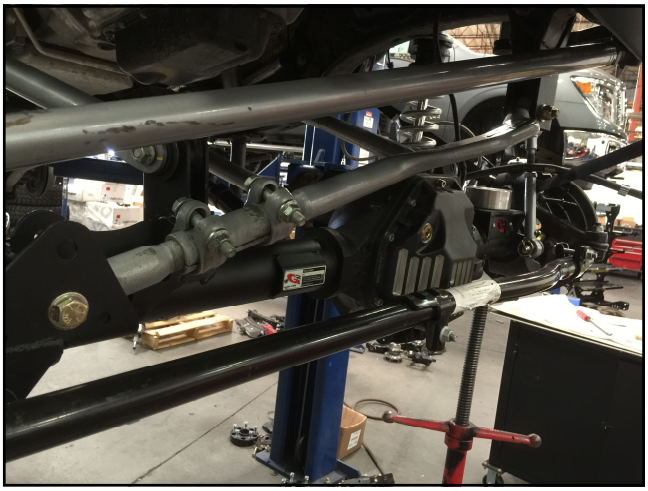
   ***NOTE: IF installing this kit in conjunction with (4.5 – 5.5) long arm kit (JK4424, JK4425, JK4444, or JK4445 with track bar drop bracket, RE1675, install the spacer, 35-RM14063, at the front of the vehicle to push the track bar to the rear.***

6. At ride height, measure the outside of the front tires to the fender to center the front axle under the vehicle. Adjust the turnbuckle to adjust the length of the HD front track bar as needed. **(Photo 6)**

7. Torque both **OE** HD front track bar bolts to 130 ft-lbs. Torque the clamp bolts to 65 ft-lbs. **(Photo 7)**



**(Photo #6)**



**(Photo #7)**

8. It is very important to re-center the steering wheel before driving; this will affect ESP system if steering is not centered before driving.

9. Cycle the suspension and steering and make sure the adjuster is rotated up and out of the way of all other components.

## Installation review:

1. Torque all the bolts to factory specifications. Be sure to double check your work.
2. Test drive and note the location of the steering wheel.
3. Align the vehicle as soon as possible.
4. Recheck all bolts after 50 miles and again after every off road excursion.

# RUBICON EXPRESS ADVANTAGE LIFETIME WARRANTY

***Notice to Owner, Operator, Dealer and Installer:***
Vehicles that have been enhanced for off-road performance often have unique handling characteristics due to the higher center of gravity and larger tires. This vehicle may handle, react and stop differently than many passenger cars or unmodified vehicles, both on and off–road. You must drive your vehicle safely! Extreme care should always be taken to prevent vehicle rollover or loss of control, which can result in serious injury or even death. Always avoid sudden sharp turns or abrupt maneuvers and allow more time and distance for braking! Rubicon Express reminds you to fasten your seat belts at all times and reduce speed! We will gladly answer any questions concerning the design, function, maintenance and correct use of our products.

Please make sure that the Dealer / Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Rubicon Express product.

Application listings in this catalog have been carefully fit checked for each model and year denoted. However, Rubicon Express reserves the right to update as necessary, without notice, and will not be held responsible for misprints, changes or variations made by vehicle manufacturers. Please call when in question regarding new model year, vehicles not listed by specific body or chassis styles or vehicles not originally distributed in the USA.
Please note that certain mechanical aspects of any suspension lift product may accelerate ordinary wear of original equipment components. Further, installation of certain Rubicon Express products may void the vehicle's factory warranty as it pertains to certain covered parts; it is the consumer's responsibility to check with their local dealer for warranty coverage before installation of the lift.

***Warranty and Return Policy:***
Rubicon Express warranties its full line of products to be free from defects in workmanship and materials for the life of the product. Rubicon Express's obligation under this warranty is limited to repair or replacement, at Rubicon Express's option, of the defective product. Any and all costs of removal, installation, freight or incidental or consequential damages are expressly excluded from this warranty. Rubicon Express is not responsible for damages and / or warranty of other vehicle parts related or non-related to the installation of Rubicon Express product. A consumer who makes the decision to modify his vehicle with aftermarket components of any kind will assume all risk and responsibility for potential damages incurred as a result of their chosen modifications.

Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design. Warranty claims can be made directly with Rubicon Express or at any factory authorized Rubicon Express dealer.

***Claims not covered under warranty:***
- Parts subject to normal wear; this includes bushings*, shock absorbers, driveshafts, ball joints, tie rod ends and heim joints.
- Discontinued products at Rubicon Express's discretion.
- Finish after 90 days.

Rubicon Express accepts no responsibility for any altered product, improper installation, lack of or improper maintenance
or improper use of our products.

***Rubicon Express PT-MEG Super-Ride bushings are covered by the Rubicon Express Advantage Lifetime Warranty,**
**and will be replaced in the event of failure for the life of the product.**