ICON VEHICLE DYNAMICS®

7929 Lincoln Ave. Riverside, CA 92504
Phone: 951.689.ICON | Fax: 951.689.1016

214030 INSTALLATION INSTRUCTIONS

11-15-2019 REV.B

PART #	DESCRIPTION
214030	2003-2012 RAM HD FRONT ADJUSTABLE TRACK BAR

COMPONENTS INCLUDED

(1) 214009 03-12 RAM HD FRONT ADJ TRACK BAR	

HARDWARE INCLUDED

(2) 217200 HEIM SPACER RSMX12 X .565 X 1.625 (2) 217201 HEIM SPACER RSMX12 X 16MM X 1.625 (2) 217205 HEIM SPACER COM16 X 14MM X 1.600 (2) 217206 HEIM SPACER JMX14 X 16MM X 1.600	(1) 217520 L-R ADJ SLEEVE 1 1/8-12L / 7/8-14 (1) 295501 COM16T BEARING (1) 295514 RSMX12T ROD END (2) 605145 3/8-16 X 1.000 12 PT (1) 605330 WHT-175 SPIRAL RET RING

TOOLS REQUIRED

BARREL SANDER TORQUE WRENCH 1/4" ALLEN WRENCH	3/8" 12PT WRENCH 3/4" SOCKET / WRENCH 21MM SOCKET / WRENCH 36MM SOCKET / WRENCH 42MM SOCKET / WRENCH

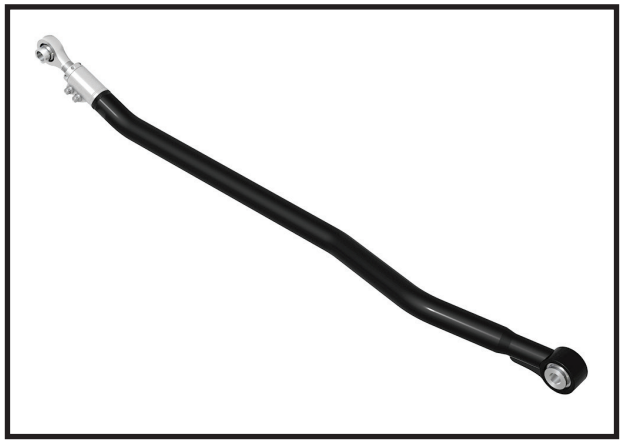
TECH NOTES

1. TRACK BAR IS DESIGNED TO BE ADJUSTED ON THE VEHICLE VIA THE THREADED ADJUSTER HOLES. ADJUSTING IT OFF THE VEHICLE BY TURNING ONLY THE ROD END OR ONLY THE ADJUSTER CAN LEAD TO INCORRECT THREAD ENGAGEMENT AND FAILURE. ALWAYS ADJUST USING THE ADJUSTER WITH THE ROD END FIXED.

2. SOLID MOUNTED ENDS INCREASE STEERING RESPONSE AND IMPROVE VEHICLE FEEDBACK BUT CAN GENERATE INCREASED ROAD NOISE

3. 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.

4. DO NOT EXCEED 2.375" 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.



WARNING!

*** 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!*

*** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.*

*** 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.*

INSTALLATION

1. Place the vehicle on flat, level ground. Place vehicle in park, set the emergency brake, and chock the tires. Remove the factory track bar from the frame and axle using a 27mm socket/wrench.

2. The ICON track bar comes preassembled from ICON with the parts listed above.

3. Lay the ICON track bar assembly over the factory track bar and turn the adjuster while holding the rod end fixed until the eye to eye dimensions are close to the factory measurement.

4. Install the rod end side into the axle mounting pocket. Based on the year/factory bolt size, use the appropriate sized heim spacers supplied in the kit. Using the wrong spacers will lead to damage which will not be covered by ICON's warranty policy. Use a 21mm socket/wrench to thread the factory bolt into the nut tab. [Torque to factory spec]

5. Install the uniball side of the track bar in the frame mounting tabs using the appropriate spacers and factory hardware. [Torque to factory spec]

6. Verify axle is centered/adjust as needed. Tighten the pinch bolts using a 3/8" 12pt wrench. [Torque to 45 ft-lbs] **[FIGURE 1]**

FIG.1

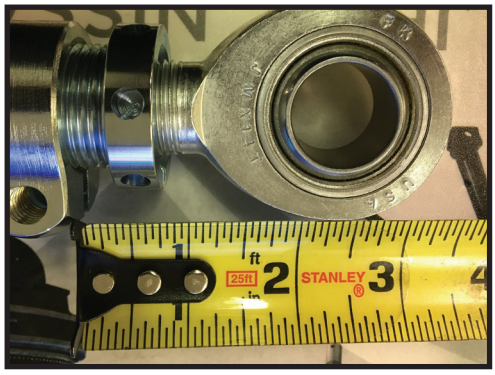
7. Center the steering wheel if needed by adjusting the drag link adjuster with a 36mm and 42mm wrench. [Torque to factory spec]

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

7929 Lincoln Ave. Riverside, CA 92504 Phone: 951.689.ICON Fax: 951.689.1016
www.iconvehicledynamics.com

FOLLOW US ON FACEBOOK!