ICON Vehicle Dynamics 54102 Installation Instructions

Billet Upper Link Kit for Toyota Tundra, Sequoia & Land Cruiser

Part number: 54102

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Scan for fitment, price and install help

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54102 INSTALLATION INSTRUCTIONS

4-13-2022 REV.A

PART #	DESCRIPTION
54102	22-UP TUNDRA BILLET UPPER LINK KIT

COMPONENTS INCLUDED

(2) 157553 22-UP TUNDRA REAR UPPER LINK (2) 157547 22-UP TUNDRA SERRATED SPACER .200 (2) 157549 22-UP TUNDRA SERRATED SLEEVE .200 (2) 157420 NUT PLATE 3/8-16 X 2 (4) 157551 HEIM SPACER 1.00 X .559 X 2.834	(2) 167014 L/R ADJUSTER SLEEVE 1.25-12L / 1.00-14 (2) 295510 JM16-1T 1-14 RH ROD END F2 FIT (2) 297102 GREASELESS PRESS IN BUSHING 2.135 X 14.3 X 58.85MM

HARDWARE INCLUDED

(4) 605146 3/8-16 X 1.5 12 PT FLANGED CAP SCREW	

TOOLS REQUIRED

JACK JACK STANDS TORQUE WRENCH DIE GRINDER	PAINT PEN (BLACK) 19MM SOCKET / WRENCH 3/8 12-PT SOCKET / WRENCH

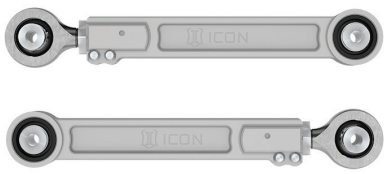
TECH NOTES

1. IF EQUIPPED WITH AIR RIDE SUSPENSION, KIT PN-55153 IS REQUIRED.

2. DO NOT EXCEED 3.375" ADJUSTMENT FROM THE CENTER OF THE ROD END TO THE EDGE OF THE BILLET LINK. FAILURE CAUSED BY EXCESSIVE ADJUSTMENT WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.

3. LINKS ARE PRESET TO 15.438" (FACTORY LENGTH).

4. IF CUSTOM PINION ANGLE IS DESIRED YOU CAN ADJUST THIS WITH THE VEHICLE ON THE GROUND.



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 INSTALLATION 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. Lift vehicle and securely place heavy duty jack stands under the manufacturer recommended lifting locations for the back of the vehicle. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the wheels.

2. If the vehicle is equipped with air-ride suspension, refer to PN-55153 instructions for disconnecting the position sensing arm from the link.

3. Remove the driver side rear upper link using a 19mm. **[FIGURE 1 & 2]**



FIG.1

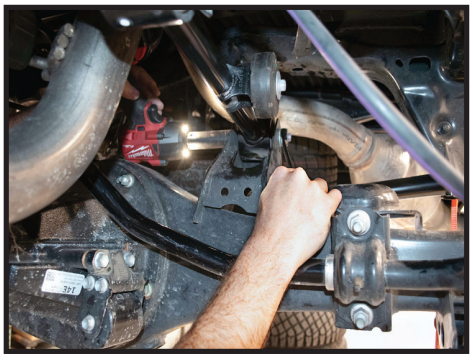


FIG.2

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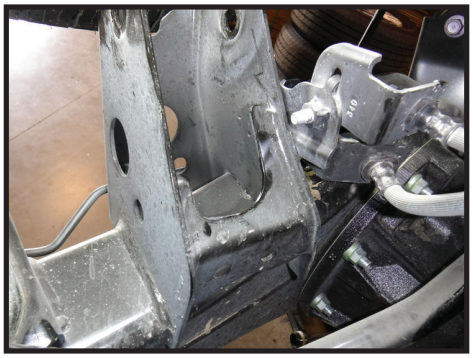
4. The pocket on the differential requires trimming for the billet link. Using a die grinder, grind the radius on the pocket gusset as shown. **[FIGURE 3 & 4]**

FIG.3



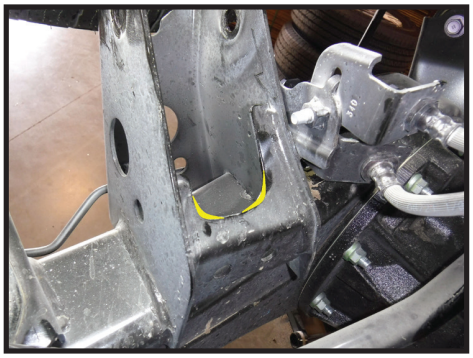
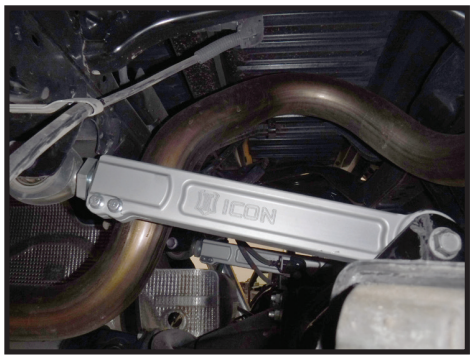


FIG.4

5. Paint exposed metal using a paint pen.

6. Install the billet link with the heim joint toward the frame and the pinch bolts down. The pinch bolts should be on the outer side of the link. Tighten the factory hardware to factory spec using a 19mm. **[FIGURE 5]**

FIG.5



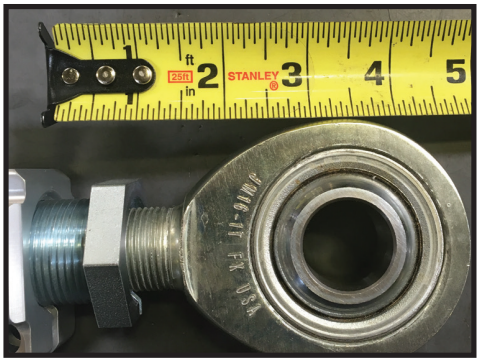
7. Repeat steps on opposite side of vehicle.

8. To adjust, loosen the pinch bolts billet link using a 3/8" 12pt. Turn the L/R adjusting collar until desired length is reached.

9. Make sure that the slit in the collar is lined up with the slit in the pinch housing and tighten pinch bolts using an alternating pattern [Torque to 40 ft-lbs]. Go back and forth between bolts 3 times to torque equally.

10. Never exceed the maximum length as listed in the tech notes.

[TECH NOTE #1]



VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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

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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.

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