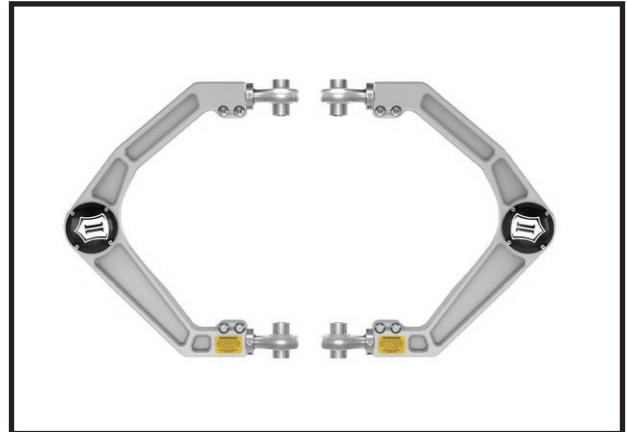


7929 Lincoln Ave. Riverside, CA 92504
Phone: 951.689.ICON | Fax: 951.689.1016

PART #	DESCRIPTION
218561DJ	21-23 RAM TRX BILLET UCA DJ PRO

COMPONENTS INCLUDED	
(1) 217525 TRX DELTA PRO ARM DRVR (1) 217526 TRX DELTA PRO ARM PASS	(2) 297165 DELTA PRO BILLET UCA DUST COVER
HARDWARE INCLUDED	
(2) 605836 M14 X 2.0 FLANGED NYLOCK NUT (4) 157503 HEIM SPACER JM12 X 14MM X 1.775 CZINC (4) 197502 HEIM SPACER RSMX12 X 14MM X 2.125 CZINC	(8) 605002 6-32 X 0.500 SHCS 18-8 RAW (1) 605968 VIBRATITE BLUE 2ML BULLET (2) 605888 M6 - 1.0 JAM NUT
TOOLS REQUIRED	
FLOOR JACK JACK STANDS BALL JOINT SEPARATOR 7/64 HEX KEY	10MM WRENCH 18MM SOCKET/WRENCH 21MM SOCKET/WRENCH TORQUE WRENCH
TECH NOTES	
<p>ONLY FITS RAM TRX</p> <p>ESTIMATED INSTALL TIME: 2-3 HOURS</p>	



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

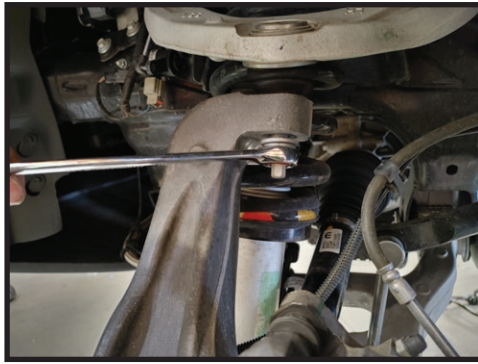
1. Place the truck on a flat surface with the parking brake engaged, chock the rear tires.
2. Use a suitable floor jack in the manufacturer designated spot on the frame to lift the front of the truck, then place a suitable jack stand under the frame and set the truck down securely on the jack stand. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the front wheels and tires.
3. Start by removing the ride height sensor from the front of the stock UCA using a 10mm wrench. [FIGURE 1]

FIG.1



4. Loosen the upper ball joint nut using an 18mm. [FIGURE 2]

FIG.2

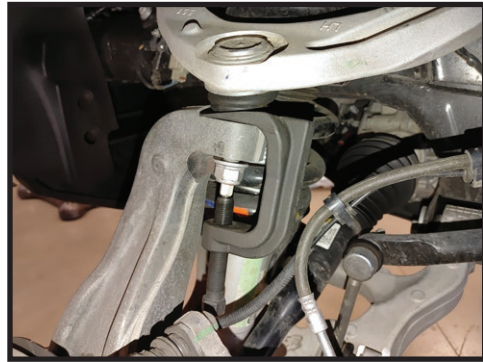


5. With the nut still threaded on, use a ball joint separator like the one pictured to dislodge the ball joint taper from the knuckle. [FIGURE 3 & 4]

FIG.3



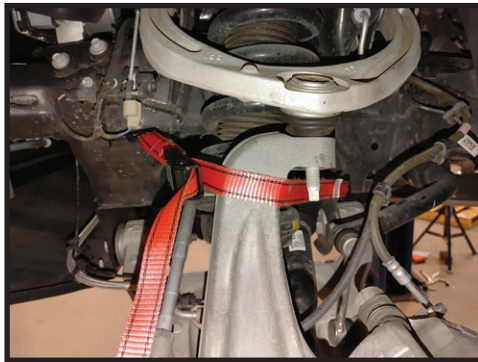
FIG.4



6. Leave the nut attached for now.

7. Use a strap or rope to support the knuckle so not to pull apart the CV joints. [FIGURE 5]

FIG.5



8. Loosen and remove the frame pivot bolts using a 21mm. The OEM nut has a tab on it to keep it from spinning. [FIGURE 6 & 7]

FIG.6



FIG.7



9. Remove the OEM UCA now.

10. Take the ICON UCA and install the supplied spacers into the heims. The larger spacer goes towards the inside of the arm, with the narrow spacer on the outsides. With the spacers installed, insert the arm into the frame pockets and insert the OEM hardware. Install the nut plates with thread locker and torque to 110 ft-lbs. [FIGURE 8]

FIG.8



11. Insert the delta joint pro taper into the knuckle and secure it with the new supplied M14 x 2.0 nylock nut. Torque to 70 ft-lbs. [FIGURE 9]

FIG.9



12. Install the dust cover and o-ring over the delta joint. A couple dabs of grease in the o-ring groove can help keep the o-ring in place while installing it. Use a small amount of thread locker on the 6-32 screws using a 7/64 hex key and torque down to 9 inch/lbs.

13. Reinstall the ride height sensors onto the arm. Using the supplied Jam nut to take up the extra room of the long factory stud. [FIGURE 10]

FIG.10



14. For the passenger side, there is a bracket that needs to be removed to be able to remove the front pivot bolt. There is 3 13mm bolts total, 2 on the outside of the frame and one needs to be accessed from underneath. With the bolts removed, move the bracket around to get the pivot bolt out. Reinstall the bolts after the new UCA is installed.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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

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