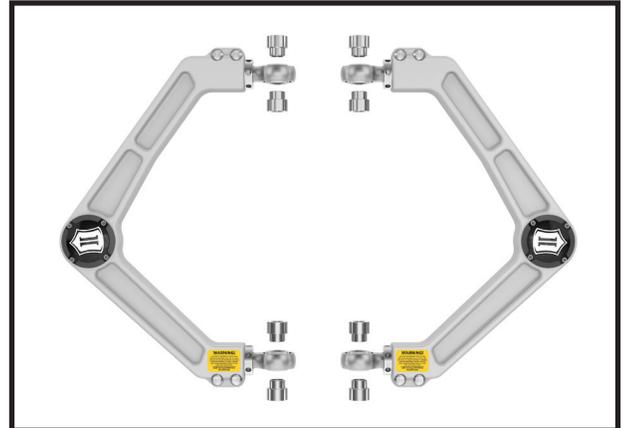


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PART #	DESCRIPTION
218560DJ	19-UP RAM 1500 UCA BILLET DJ KIT

COMPONENTS INCLUDED	
(1) 217515 19-UP RAM 1500 DRVR BILLET UCA (1) 217516 19-UP RAM 1500 PASS BILLET UCA (2) 197200 DELTA JOINT (2) 157520 L-R ADJUSTER SLEEVE	(2) 295511 JMX12T ROD END (4) 157432 HEIM SPACER .75 X .562 X 1.965 (2) 155110 -032 O RING (2) 157507 BILLET UCA DUST COVER
HARDWARE INCLUDED	
(4) 605145 3/16-16 X 1.00 12PT FLANGED CAP SCREW (2) 605950 RET RING	(4) 605002 6-32 X .500 SHCD 18-8 RAW (1) 605968 BLUE THREAD LOCKER 2ML BULLET
TOOLS REQUIRED	
TORQUE WRENCH HAMMER	18MM SOCKET / WRENCH 21MM SOCKET / WRENCH
TECH NOTES	
<p>1. WILL NOT WORK WITH AIR RIDE VEHICLES.</p> <p>2. WILL NOT FIT CLASSIC MODELS.</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. Lift vehicle and securely place heavy duty jack stands under the manufacturer recommended lifting locations for the front of the vehicle. Take care when lifting the vehicle, and allow 3-4" of ground clearance from the tire. Remove front tires. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the wheels.
2. Using a jack support the lower control arm to prevent the suspension from being fully extended. [FIGURE 1]

FIG.1



3. Starting on the driver side loosen the taper on the upper ball joint using an 21mm socket/wrench. Use a hammer to separate the upper ball joint taper and tie rod end. Support the spindle so that it does not over extend the CV joints when detached. [FIGURE 2]

FIG.2



4. Using a 18mm wrench remove the two bolts securing the UCA to the vehicle. [FIGURE 3]

FIG.3



5. Install your new ICON driver billet UCA in to the UCA frame pockets using factory hardware making sure the heim spacers (157432) are installed in the rod end and torque to factory specs. [FIGURE 4 & 5]

FIG.4



FIG.5



6. Install the ball joint into the spindle and tighten using the supplied nut and 18mm socket/wrench. [Torque to 75ft-lbs] [FIGURE 6]

FIG.6



7. Repeat steps on opposite side.
8. Reinstall wheels and tires and torque to factory specs.
9. 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.

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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