# ICON
## VEHICLE DYNAMICS ™

| PART # | DESCRIPTION |
|---|---|
| 78600DJ | 07-16 GM 1500 TUBULAR UCA DJ KIT (SMALL TAPER) |

## COMPONENTS INCLUDED

| | |
|---|---|
| (1) 174600 07+ GM 1500 UCA (DRVR) | (1) 174601 07+ GM 1500 UCA (PASS) |

## HARDWARE INCLUDED

| | |
|---|---|
| (2) 177200BJ DELTA JOINT<br>(8) 150025 WASHER 2.125 X .565 X .188<br>(4) 179107 SLEEVE 1.000 X .563 X 1.766 | (4) 605903 1/4-28 X 90 DEG STEEL ZERK FITTING<br>(8) 297034 HAT BUSHING 1.625 X 1.000 X .850<br>(2) 605052 1/4-20 LOCK NUT<br>(2) 605053 1/4 FLAT WASHER |

## TOOLS REQUIRED

| | |
|---|---|
| JACK<br>JACK STANDS<br>TORQUE WRENCH | 18MM SOCKET / WRENCH<br>21MM SOCKET / WRENCH |

## TECH NOTES

*1. ICON RECOMMENDS OPTIONAL BILLET DUST COVER SET (191011) TO PREVENT DEBRIS FROM PACKING UP AROUND THE ZERK FITTING.*

*2. ALL ICON UPPER CONTROL ARMS HAVE BEEN ENGINEERED TO ALLOW FOR THE MOST POSSIBLE CASTER, WHILE STILL ALLOWING THE VEHICLE TO BE PROPERLY ALIGNED. NOTIFY YOUR PROFESSIONAL ALIGNMENT SHOP OF THIS INFORMATION SO THAT MAXIMUM RIDE QUALITY CAN BE ACHIEVED.*

*3. IF YOUR VEHICLE IS EQUIPPED WITH A LARGE SPINDLE TAPER BORE, STOP AND RETURN KIT FOR (78601/78601DJ).*

*4. ICON DELTA JOINTS ARE PRE-GREASED FROM THE FACTORY. ICON RECOMMENDS GREASING THE DELTA JOINT EVERY 3,000 MILES (OR EVERY OIL CHANGE). ADD NEW GREASE UNTIL ALL OF THE OLD GREASE IS EXPELLED FROM THE BOTTOM OF THE DELTA JOINT ASSEMBLY, WIPE AWAY EXCESS WITH A RAG OR SHOP TOWEL.*

### PRODUCT IMAGE
### COMING SOON

### 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.** Using a properly rated jack, raise the front of the vehicle and support the frame rails with jack stands. Ensure the jack stands are secure and set properly before lowering the jack. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the front wheels.

**2**. Using a jack, slightly lift the lower control arm to prevent the suspension from being at full droop.

**3**. Turning the steering wheel to the driver side will allow easy access to the nut on the upper control arm ball joint that connects the spindle and upper control arm. Remove the safety cotter pin and loosen the ball joint nut using an 18mm socket/wrench.

**4**. Support the spindle so that it does not over extend the CV joints when detached.

**5**. With the upper control arm disconnected from the spindle, loosen the upper control arm from its mounts on the frame using a 21mm wrench/socket. Remove OEM upper control arm.

**6**. Before installing your new upper control arms, care must be taken to grease the bushings (liberally) prior to installing assembly. Failure to grease properly will cause premature bushing wear and increased noise. **[FIGURE 1]**

**NOTE: PHOTO USED FOR ILLUSTRATION PURPOSES ONLY, NOT ALL BUSHINGS WILL INCLUDE A LOAD RING.**



FIG.1
GREASE
LOAD RING
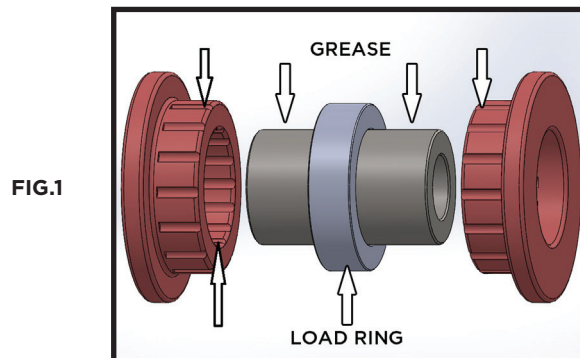
**7**. Each arm is clearly labeled which side and it should be installed on.

**8**. With greased bushings installed, place the driver side upper control arm into the arm mounts on the chassis and hand tighten OEM hardware.

**9.** Pivot the Delta Joint stem so that it is inline with the taper bore in the spindle. The new Delta Joint will be very stiff the first time you move it.

**10.** Rotate the upper control arm downward and install the stem through the spindle taper. Install the supplied flanged nut on the taper pin. [Torque to 60 ft-lbs]

**11**. Tighten the upper control arm mounts on the chassis using a 21mm socket/wrench. [Torque to factory spec]

**12**. Install wheels and lower vehicle to the ground. [Torque to factory spec]

**13.** Repeat steps on opposite side.

**14**. 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
PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

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