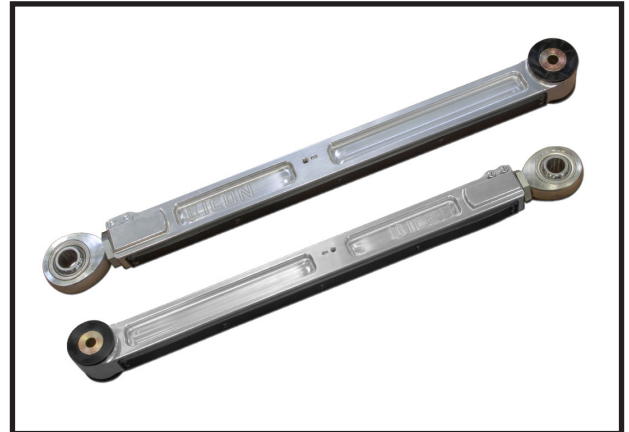


PART #	DESCRIPTION
54000	07-UP FJ/03-UP 4RUNNER BILLET LOWER <u>TRAILING ARM KIT</u>

COMPONENTS INCLUDED	
(2) 157400 BILLET LOWER TRAILING ARM	
HARDWARE INCLUDED	
(2) 157410 FJ LOWER ARM WEAR STRIP (2) 157420 NUT PLATE 3/8-16 X 2 CZINC (2) 157430 HEIM SPACER JM16 X .570 X 2.075 CZINC (2) 127005 HEIM SPACER JM16 X .570 X 2.625 CZINC (2) 167014 L/R ADJ SLEEVE 1.25-12L / 1.00-14 (2) 295510 JM16-1T, 1-14 RH ROD END F1 FIT	(14) 605017 10-32 X .500 FHSCS SS 18-8 RAW (4) 605146 3/8-16 X 1.500 12PT FLANGED CAP SCREW GR8 CZINC (2) 297038 LOAD RING 2.050 X 1.380 X .325 75D (4) 297035 HAT BUSHING 2.125 X 1.375 X 1.000 (2) 219002 SLEEVE 1.375 X .565 X 2.365 YZINC (2) 605904 1/4-28 FLUSH STYLE GREASE FITTING
TOOLS REQUIRED	
JACK JACK STANDS	21MM SOCKET / WRENCH TORQUE WRENCH
TECH NOTES	
N/A	



WARNING!

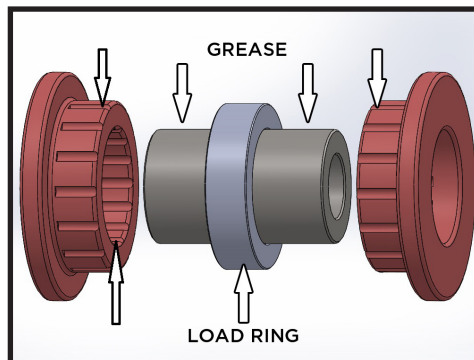
**** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**

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

INSTALLATION

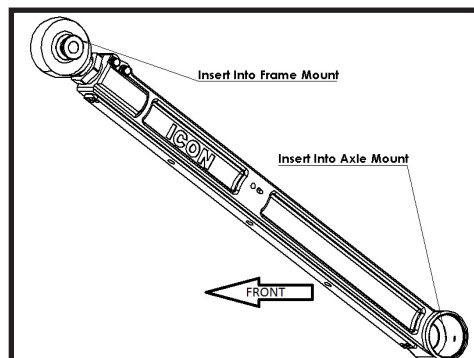
- Using a properly rated jack, raise the rear of the vehicle and support the frame rails with jack stands. Ensure the jack stands are secure and set properly before lowering the jack. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.**
- Assemble bushings into links with load ring sandwiched between hat bushings. Apply waterproof lubricant thoroughly. Failure to apply grease will cause premature wear and increased noise. **(FIGURE 1)**

FIG.1



- Remove one factory link at a time. Install the link in to the frame mount first with the short spacer towards the inside of the vehicle and the pinch bolt heads facing out. This moves the front link pivot points closer together on the frame and helps correct roll steer geometry on lifted vehicles. **(FIGURE 2)**

FIG.2



4. Without letting the bar turn, adjust the length by turning the silver hex collar. The collar and the rod end will move equal amounts. Adjust until the rear holes lines up and insert bolt. Adjust the collar in to take up the slack in the arm length.
5. Repeat on the other side.
6. Adjust link length to factory length initially. (26.75"). If custom pinion angle is desired you can adjust this later with the vehicle on the ground.
7. Tighten pinch bolts [Torque to 40 ft-lbs]. Go back and forth between bolts 3 times to torque equally.
8. Tighten factory bolts to factory spec. Mount E-brake mount to arm with factory hardware. (FIGURE 3)



FIG.3

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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