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PART #	DESCRIPTION
56112	22-UP TUNDRA REAR FOAM BUMPSTOP KIT

COMPONENTS INCLUDED	
(1) 150124 22-UP TUNDRA REAR FOAM BUMP BRKT DRVR (1) 150125 22-UP TUNDRA REAR FOAM BUMP BRKT PASS	(2) 297054 FOAM BUMP STOP CUP (2) 255150 RAPTOR MICRO CELLULAR POLY BUMP
HARDWARE INCLUDED	
(2) 290018 WASHER 1.875" X .425" X .25" BLACK ZINC (2) 605108 3/8-16 X 1.250 HHCS GR8 YZINC	(2) 605121 3/8-16 NYLOCK NUT GR8 YZINC (4) 605133 3/8 SAE FLAT WASHER GR8 YZINC
TOOLS REQUIRED	
TORQUE WRENCH RATCHET	12MM SOCKET / WRENCH 9/16" SOCKET / WRENCH
TECH NOTES	
<p>1. ALL TRIMS EXCEPT TRD PRO. NO AIR RIDE.</p> <p>2. DIRECT REPLACEMENT FOR FACTORY REAR BUMP STOP.</p> <p>3. INSTALLION TIME: 30 MINUTES.</p>	



WARNING!
<p><b>** 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!</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</b></p> <p><b>** 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.</b></p>

## INSTALLATION

1. Check to be sure all hardware/parts are contained in the box.
2. Remove factory rear bump stops using a 12mm. There are 3 bolts, one on the side of the frame and 2 underneath. All 3 will be reused. [FIGURE 1]

FIG.1



**3.** Grab the ICON bump stop bracket and assemble the bump cup, bolt, washers and nuts as shown. From top to bottom: 3/8" bolt, 3/8 flat washer, 1/4" thick washer, bracket, bump cup, 3/8 flat washer and 3/8 nylock nut. Tighten and torque to 35 ft-lbs. [FIGURE 2, 3, 4]

FIG.2

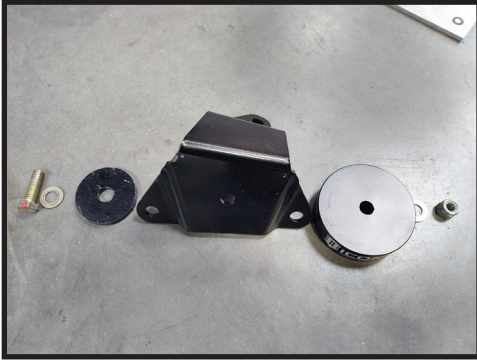


FIG.3



FIG.4



**4.** You can install the rubber bump stop now or wait until the bracket is bolted up properly. Start by pushing one of the foam into the cup and work the foam into the cup until it snaps firmly into place. [FIGURE 5 & 6]

FIG.5



FIG.6



**5.** Place the new ICON bump stop into position and thread the factory bolts into the factory holes. Each bracket is labeled driver and passenger. Torque the bolts to factory spec. [FIGURE 7]

FIG.7



6. Repeat on opposite side.



**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.

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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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