

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

PART #	DESCRIPTION
56123	24 TACOMA BUMP STOP KIT

COMPONENTS INCLUDED	
(2) 154038 24 TACOMA 2.0 BUMP STOP MOUNT PLATE (2) 154039 24 TACOMA 2.0 BUMP STOP MOUNT	(2) 154040 24 TACOMA BUMP STOP SUPPORT RING (2) 204906 2.0 AIR BUMP 1.75 TRAVEL 1:1 RATIO
HARDWARE INCLUDED	
(8) 605208 7/16-14 X 1.500 BHCS 18-8 SS (8) 605363 1/2-13 X 1.000 SHCS 18-8 SS (2) 605057 1/4-20 X 2.000 HHCS GR8 YZINC (2) 605230 7/16 SAE FLAT WASHER GR8 YZINC	(2) 605220 7/16-14 NYLOCK NUT GR8 YZINC (2) 605052 1/4-20 NYLOCK NUT GR8 YZIC (2) 605970 GREY TUBE ANTI SEIZE (1) 605969 RED LOCTITE
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH RATCHETS 7/16 DRILL BIT	12MM SOCKET / WRENCH 17MM SOCKET / WRENCH COIL SPRING COMPRESSOR 3/8" ALLEN KEY 5/8" SOCKET/WRENCH
TECH NOTES	
<p>1. NOT COMPATIBLE WITH TRD PRO AND TRAIL HUNTER MODELS.</p> <p>2. ESTIMATED INSTALL TIME: 2.5 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

Place vehicle in park on a level surface. Engage parking brake. Block the front tires. Lift rear of vehicle and place jack stands under the manufacturer recommended locations. NEVER WORK UNDER AN UNSUPPORTED VEHICLE.

**OPTION 1: No spring compressor available.**

1. Place a jack under the center of the axle so it can be lowered to assist in spring removal.
2. Using a 12mm, remove the brake line, E-brake line, speed sensor and E-locker wiring brackets.
3. Remove the lower shock eyelet using a 17mm and pull the shock off the mounting stud. [FIGURE 1]

FIG.1



4. Slowly lower the axle down until the springs become loose, being careful not to overextend any brake lines or wiring harness.
5. Lift the spring and pull it out from the bottom, rotating it can help to clear the mount on the axle housing spring perch.
6. Skip to **Step 5** in option 2.

**OPTION 2: Use a spring compressor.**

1. Use a spring compressor like the one shown. [FIGURE 2]

FIG.2



2. Leave all brackets attached. Remove the lower shock mount with a 17mm and lower the axle, being sure not to over extend any brake lines or wiring harness.

3. Install spring compressor with appropriate spring attachment and tighten to compress the spring until it can be removed. [FIGURE 3]

FIG.3



4. Remove the spring compressor from the factory spring.

5. Place the (PN 154040) ring in to the coil bucket and drill holes using a 7/16 drill bit. [FIGURE 4 & 5].

FIG.4



FIG.5



6. On the passenger remove the wiring harness support using a 12mm wrench [FIGURE 6]

FIG.6



**7.** Install 154038 on top of the coil bucket sliding it between the frame and the bed. [FIGURE 7]

FIG.7



**8.** Hold the 154040 in the coil bucket using the supplied 7/16 bolts with thread locker install them in to the 154038. One 7/16 needs to have a nut and washer installed on the back side. [FIGURE 8]

FIG.8



**9.** Install the bump stop mount (PN 154039) into the coil bucket, on to the bump stop mount plate (PN 154038) using the supplied 1/2" bolts with thread locker. Torque to 60 ft-lbs [FIGURE 9]

FIG.9



**10.** Install (PN 204906) into the bump stop support ring (PN 154039), applying a small amount of anti-seize on to the cylinder until the base touches the tube and tighten the 1/4" bolts to 10 ft-lbs [FIGURE 10]

FIG.10



**11.** Reinstall the upper coil isolator and the coil spring.

**12.** Repeat on passenger side.

**13.** Reinstall wheels and tires, enjoy your new springs and ride.

**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.



**ICON VEHICLE DYNAMICS®**  
PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

7929 Lincoln Ave. Riverside, CA 92504 Phone: 951.689.ICON Fax: 951.689.1016  
[www.iconvehicledynamics.com](http://www.iconvehicledynamics.com)



**FOLLOW US ON FACEBOOK!**

