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Latest Revision:
4.13.2022



PRO COMP SUSPENSION

IMPORTANT!:

***AIR RIDE EQUIPPED VEHICLES WILL USE SUPPLIED AIR RIDE
SHEET METAL BRACKETS,
THE COIL SPACERS WILL NOT BE USED.***

65211

**2022 Toyota Tundra
Rear Level Lift**

***Fits: Models with both Coil Springs and Air Suspension.**

This document contains very important information that includes warranty information and instructions for resolving problems you may encounter. Please keep it in the vehicle as a permanent record.

PART #	DESCRIPTION	QTY.	ILLUS.	PAGE
65211	2022 TUNDRA LEVEL LIFT KIT	1		
96-44215	REAR COIL SPACER 1.0"	2		
35-11858	NUT PLATE	2		
90-60846	HARDWARE PACK	1		
	3/8-16 X 2 1/2 HEX BOLT GR8 ZINC II	2		
	3/8 X 1 1/4 FENDER WASHER XINC	2		
96-12452	REAR AIR RIDE LIFT DRIVER	1		
96-12453	REAR AIR RIDE LIFT PASSENGER	1		
90-60847	HARDWARE PACK 2	1		
	M6 P1.0 X 20 MET HEX CAP 8.8 ZINC	2		
	M6 (1.0) NYLON INS L/N CLASS 10 ZINC	2		
	M6 FL WASHER DIN 125 HV 140 ZINC	2		

- ◆ This installation requires a professional mechanic!
- ◆ We recommend that you have access to a factory service manual for your vehicle to assist in the disassembly and reassembly of your vehicle. It contains a wealth of detailed information.
- ◆ Prior to installation, carefully inspect the vehicle's steering and driveline systems paying close attention to the tie rod ends, ball joints, wheel bearing preload, pitman and idler arm. Additionally, check steering-to-frame and suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition. Repair or replace all worn or damaged parts!
- ◆ Read the instructions carefully and study the illustrations before attempting installation! You may save yourself a lot of extra work.
- ◆ Check the parts and hardware against the parts list to assure that your kit is complete. Separating parts according to the areas where they will be used and placing the hardware with the brackets before you begin will save installation time.
- ◆ Check the special equipment list and ensure the availability of these tools.
- ◆ Secure and properly block vehicle prior to beginning installation.
- ◆ ALWAYS wear safety glasses when using power tools or working under the vehicle!
- ◆ Use caution when cutting is required under the vehicle. The factory undercoating is flammable. Take appropriate precautions. Have a fire extinguisher close at hand.
- ◆ Foot pound torque readings are listed on the Torque Specifications chart at the end of the instructions. These are to be used unless specifically directed otherwise. Apply thread lock retaining compound where specified.
- ◆ **Please note that while every effort is made to ensure that the installation of your Pro Comp lift kit is a positive experience, variations in construction and assembly in the vehicle manufacturing process will virtually ensure that some parts may seem difficult to install. Additionally, the current trend in manufacturing of vehicles results in a frame that is highly flexible and may shift slightly on disassembly prior to installation. The use of pry bars and tapered punches for alignment is considered normal and usually does not indicate a faulty product. However, if you are uncertain about some aspect of the installation process, please feel free to call our tech support department at the number listed on the cover page. We do not recommend that you modify the Pro Comp parts in any way as this will void any warranty expressed or implied by the Pro Comp Suspension company.**

Rear Installation: Rear Coil Spacer

1. Measure the vehicle from the center of the hub to the fender lip and record this measurement below.

LF: _____ RF: _____

LR: _____ RR: _____

2. Be sure you are working on a level surface. Block the rear tires and raise the front of the vehicle. Support the frame with jack stands.
3. Block the front tires and raise the rear of the vehicle. Support the frame with jack stands forward of the rear springs.
4. Remove the wheels and tires.
(IF AIR RIDE GO TO PAGE 5)
5. Unbolt the brake line brackets from the differential side of the vehicle. Save the hardware for reinstallation.
6. Unbolt sway bar bracket from frame (2 bolts)
7. Remove the shocks from the differential side of the vehicle.
8. Lower the axle till springs loosen and can be removed along with the OE Isolator.
9. Assemble the coil spacer with the supplied 3/8 bolt and washer(**90-60846**) by putting the bolt through the washer and then through the spacer with the washer against the smaller diameter of the spacer (PHOTO 2).
10. Mount through coil bucket with supplied nut plate (35-11858). The spacer will also locate the isolator when reinstalled (PHOTO 1).
11. Reinstall Isolator with Spring. Be sure to have it seat properly against the isolator and axle (PHOTO 3).
12. Reinstall shock
13. Reinstall Brake line brackets.



Rear Installation: Air Ride Lift

- 1. ENSURE VEHICLE IS OFF BEFORE ADJUSTING LEVEL SENSOR**
2. Remove 6mm nut from actuator arm ball socket located on the rear upper control arm and keep hardware for reinstallation of the new bracket. (There is an actuator on both the Driver and Passenger side of the truck)
3. The bracket will be mounted to the outside of the arm with the tang towards the rear of the truck as shown in photo 1.
4. Use the supplied 6mm nut and bolt to attach the bracket to the tab on the upper arm.
5. Reuse the OE nut to reattach the ball socket to the new tab moving the actuator arm up.
6. There will be some play in the OE tab, this is to fine tune the height is needed.
7. Once the bracket is in place and all the hardware is tight, start the truck and allow some time for the auto leveling system to acclimate to the new ride height. (This may take a few minutes). This can be confirmed by listening for the air compressor turning on along with the rear raising.

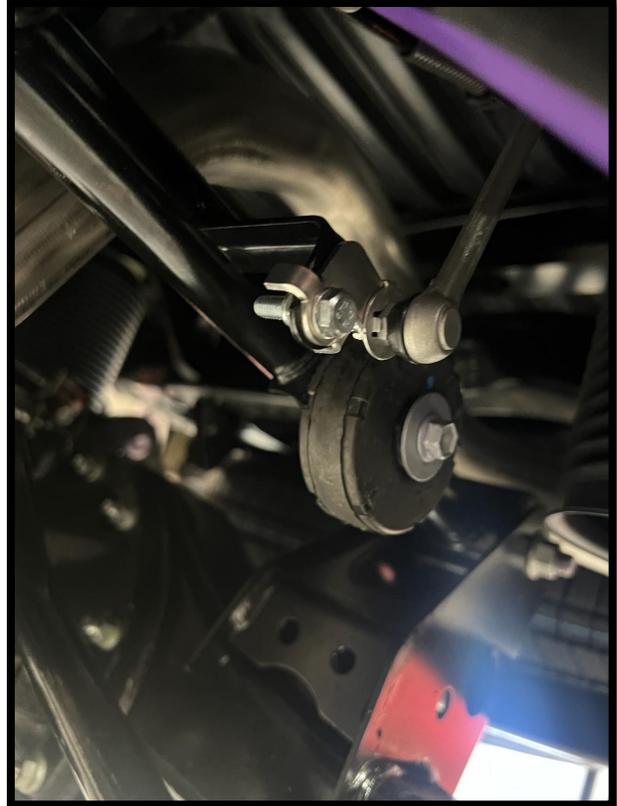


PHOTO 4
DRIVER SIDE SHOWN

Revision Page:

2.21.22: Revision page.

4.13.22: Added note on cover for sheet metal brackets.

Use this only as a guide for hardware without a called out torque specification in the instruction manual.

Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290

<p>1/2-13x1.75 HHCS</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">D</div> <div style="border: 1px solid black; padding: 2px;">T</div> <div style="border: 1px solid black; padding: 2px;">L</div> <div style="border: 1px solid black; padding: 2px;">X</div> </div>	<p>Grade 5 Grade 8</p> <p>(No. of Marks + 2)</p>
<p>M12-1.25x50 HHCS</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">D</div> <div style="border: 1px solid black; padding: 2px;">T</div> <div style="border: 1px solid black; padding: 2px;">L</div> <div style="border: 1px solid black; padding: 2px;">X</div> </div>	

<p>G = Grade (Bolt Strength)</p> <p>D = Nominal Diameter (Inches)</p> <p>T = Thread Count (Threads per Inch)</p> <p>L = Length (Inches)</p> <p>X = Description (Hex Head Cap Screw)</p>	<p>P = Property Class (Bolt Strength)</p> <p>D = Nominal Diameter (Millimeters)</p> <p>T = Thread Pitch (Thread Width, mm)</p> <p>L = Length (Millimeters)</p> <p>X = Description (Hex Head Cap Screw)</p>
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The PRO COMP PROMISE WARRANTY

At Pro Comp, we know you have many choices when selecting products to personalize your vehicle. You should demand nothing but the highest quality available and have total confidence that the products you selected are the best in the industry. It is for these reasons that Pro Comp Suspension products are backed by the best warranty in the industry...the Pro Comp Promise!

Pro Comp promises that its products will last a lifetime or we will replace it free of charge. It's that simple! Because of our commitment to quality and manufacturing excellence, we are able to stand behind our products. FOREVER.

It is Pro Comp's Promise that if one of our suspension products breaks not due to misuse, neglect or vandalism, we will replace it. Whether you are the original purchaser or not, you can be assured that we will make it right. The Pro Comp Promise covers all suspension products including shocks and steering stabilizers. Buy Pro Comp Suspension today and enjoy it for the rest of your life!

That's our Pro Comp Promise!

Notice to Owner, Operator, Dealer and Installer:

Vehicles that have been enhanced for off-road performance often have unique handling characteristics due to the higher center of gravity and larger tires. This vehicle may handle, react and stop differently than many passenger cars or unmodified vehicles, both on and off-road. You must drive your vehicle safely! Extreme care should always be taken to prevent vehicle rollover or loss of control, which can result in serious injury or even death. Always avoid sudden sharp turns or abrupt maneuvers and allow more time and distance for braking! Pro Comp reminds you to fasten your seat belts at all times and reduce speed! We will gladly answer any questions concerning the design, function, maintenance and correct use of our products.

Please make sure that the Dealer / Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Pro Comp product.

Warranty and Return Policy:

Pro Comp warranties its full line of products to be free from defects in workmanship and materials for the life of the product. Pro Comp's obligation under this warranty is limited to repair or replacement, at Pro Comp's option, of the defective product. Any and all costs of removal, installation, freight or incidental or consequential damages are expressly excluded from this warranty. Pro Comp is not responsible for damages and / or warranty of other vehicle parts related or non-related to the installation of Pro Comp product. A consumer who makes the decision to modify his vehicle with aftermarket components of any kind will assume all risk and responsibility for potential damages incurred as a result of their chosen modifications. Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design. Warranty claims can be made directly with Pro Comp or at any factory authorized Pro Comp dealer.

IMPORTANT! To validate the warranty on this purchase please be sure to mail in the warranty card.

Claims not covered under warranty

* Parts subject to normal wear; this includes bushings, bump stops, ball joints, tie rod ends and heim joints.

* Finish after 90 days.

* Damage caused as a result of not following recommendations or requirements called out in the installation manuals.

Pro Comp MX Series coil-over shocks are considered a serviceable shock with a one-year warranty against leakage only. Rebuild service and replacement parts will be available and sold separately by Pro Comp. Contact Pro Comp for specific service charges. Pro Comp accepts no responsibility for any altered product, improper installation, lack of or improper maintenance or improper use of our products.

E-Mail: info@procompusa.com
Website: www.procompusa.com
Fax: (310) 747-3912
Ph: 1-800-776-0767

PLACE
WARRANTY REGISTRATION
NUMBER
HERE: _____