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Latest Revision:  
1.25.2023



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## PRO COMP SUSPENSION

If not using a Pro Comp suspension system with these control arms, it is on the installer to check clearances on the upper arm for binding at both full shock extension and full shock compression and lock to lock steering in both compression and extension to make sure the arm does not bind in any manner. Installing with such combination that does not allow full cycling of the ball joint without binding is unsafe and should not be done. Failure to follow these directions will void any implied warranty.

**57015B**

**Ball Joint Upper Control Arm Kit**

**2003-2023 Toyota 4Runner 4WD**

**2007-2014 Toyota FJ 4WD**

**READ INSTRUCTIONS THOROUGHLY AND COMPLETELY BEFORE BEGINNING INSTALLATION.**

**INSTALLATION BY A CERTIFIED PROFESSIONAL MECHANIC IS HIGHLY RECOMMENDED.**

**PRO COMP IS NOT RESPONSIBLE FOR ANY DAMAGE OR FAILURE RESULTING FROM IMPROPER INSTALLATION.**

**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.**

<b>PART #</b>	<b>DESCRIPTION</b>	<b>QTY</b>
89-20260	TUBULAR UPPER CONTROL ARM: Dvr	1
89-20261	TUBULAR UPPER CONTROL ARM: Pass	1
35-12195	WASHER 2.25 X .563 X .125	8
90-60771	HARDWARE PACK: .75" BUSHING HARDWARE	1
15-11071	BUSHING	8
15-11072	SUPPORT RING	4
90-60772	HARDWARE PACK: SLEEVE 1.00 X .563" X 2.390"	1
35-20222	SLEEVE: 1.00 X .563" X 2.390"	4
90-44114	ZIP TIE	2
90-4433	GREASE PACK	8
90-60801	HWPK UCA WSHR M12 TAPERED	1
90-44172	TAPERED WASHER	2

**TECH NOTES**

- DO NOT INSTALL ON A TACOMA, USE KIT 57006B FOR TACOMA
- RE-TORQUE BOLTS AFTER 500 MILES OF USE
- GREASE ALL ZERK FITTINGS EVERY OIL CHANGE OR DIRT USE
- DO NOT EXCEED AN ASSEMBLED COILOVER LENGTH OF 21.5" OR BINDING WILL OCCUR
- IF USING ON K5156B 6" KIT, DO NOT EXCEED 26.75" EXTENDED LENGTH OR BINDING WILL OCCUR
- IF USING 57015B WITH A NON APPROVED PRO COMP KIT, YOU MUST CYCLE TO VERIFY NOTHING WILL BIND

**Optional Equipment Available!**

**2.5 IMPACT FORGED ALUMINUM FRONT COILOVERS: 57013BX-1**

**2.5 IMPACT FORGED ALUMINUM REAR SHOCKS: 57013BX-2**

**PRORUNNER MONOTUBE FRONT SHOCK: PR2080**

**PRORUNNER MONOTUBE REAR SHOCKS : PR2083**

**03-09 SWAY BAR RELOCATION KIT & DIFF DROP: 57004B**

**10-23 SWAY BAR RELOCATION KIT & DIFF DROP: 57005B**

**Ball Joint: 90-60781 (1 Ball Joint Kit)**

**Boot Kit: 90-60786 (2 Boots)**

**Bushings: 90-60771 (Complete Bushing Set)**

**Dust Cap: 90-60785 (1 Cap Kit)**

**Flush Grease Tip Tool: 90-44137**

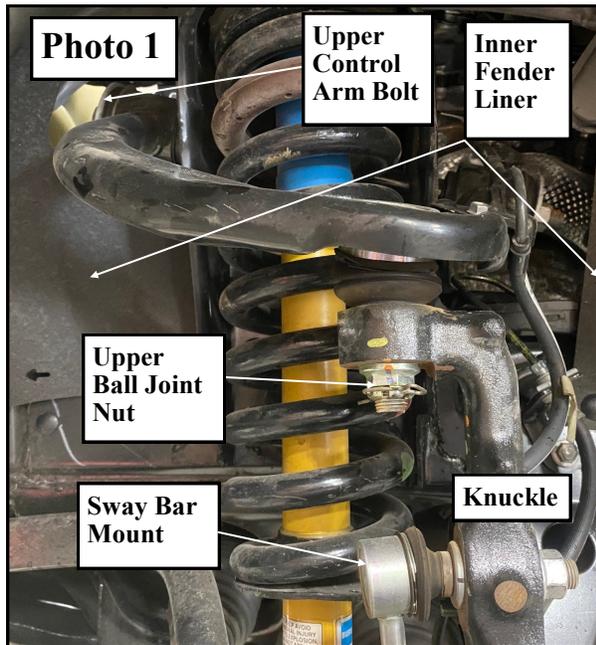
## FRONT INSTALLATION:

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

LF: \_\_\_\_\_ RF: \_\_\_\_\_

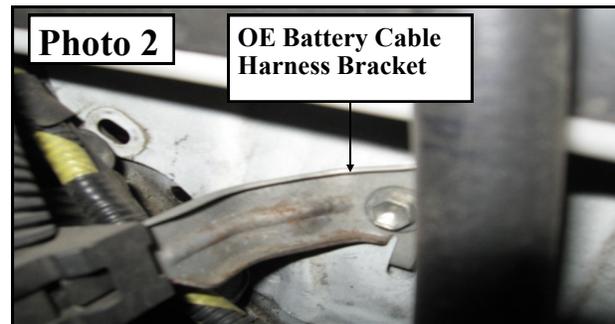
LR: \_\_\_\_\_ RR: \_\_\_\_\_

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. Remove the front wheels.
4. Remove the OE plastic retainers, in front of the brake line, and pull the plastic inner fender liners behind the brake line exposing the OE upper control arm bolt. See Photo 1.



5. Remove the cotter pin and loosen, but do not remove the upper ball joint nut. Separate the knuckle from the ball joint taper using the appropriate tool. See Photo 1.

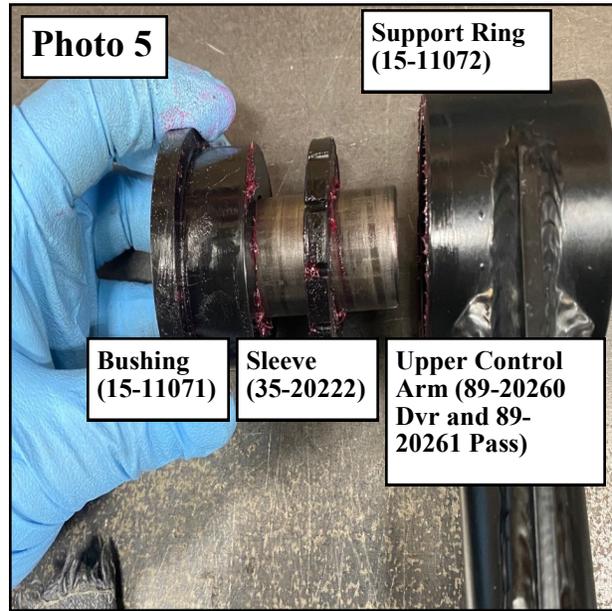
6. Remove the sway bar link from the knuckle mount and unbolt the ABS line mount from the upper control arm. See Photo 1.
7. Unbolt the battery cable harness bracket located below the battery to provide additional access to the upper control arm pivot bolt. Save the OE hardware. See Photo 2.



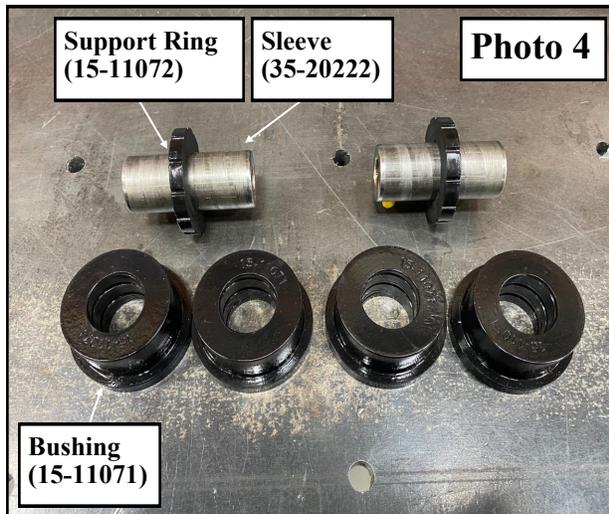
8. Remove the nut on the OE upper control arm pivot bolt. Save OE hardware for reinstallation.
9. Before removing the ball joint nut secure the knuckle to prevent it from tilting away from the center of the vehicle. Remove the ball joint nut and lift the control arm out of the way. Support the knuckle if it has not already been done.  
***IMPORTANT!: DO NOT use the zip ties supplied with the kit to secure the knuckle.***
10. Remove the upper control arm pivot bolt from the OE upper control arm. The sheet metal lip will have to be pulled out of the way to remove the pivot bolt. Save the OE hardware for reinstallation. See Photo 3.
11. Remove the OE upper control arm.



12. Replace the OE washer with (35-12195) next to the head of the bolt. See Photo 3.



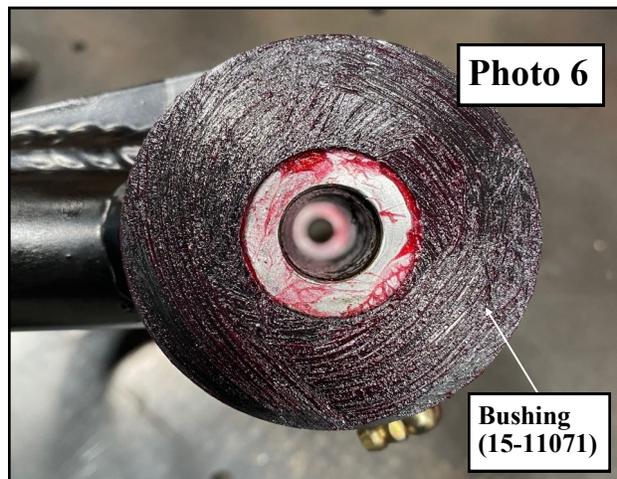
15. Install the (2 per arm) bushings, support ring, and sleeve assemblies into the Pro Comp Upper Control Arm (89-20260 Dvr and 89-20261 Pass). See Photo 5.

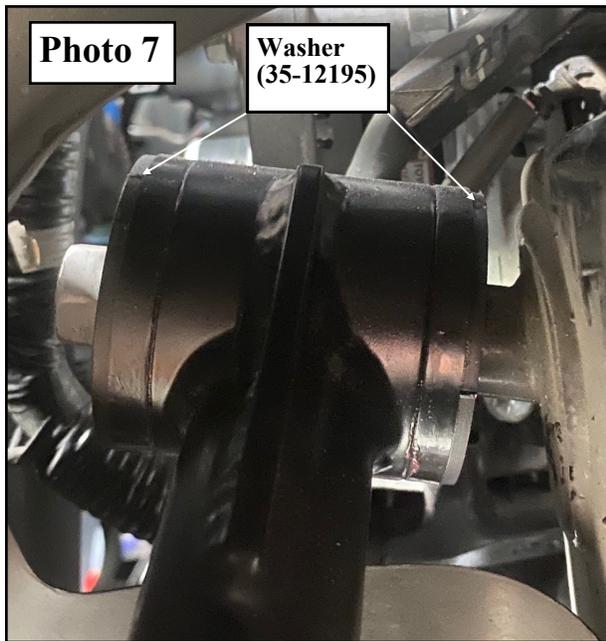


13. Install the (4) support rings (15-11072) onto the (4) sleeves (35-20222). See Photo 4.

14. Apply grease to the inner and outer diameter of the (8) bushings (15-11071) and install the bushings onto the sleeve assemblies. See Photo 5.

16. Apply grease to the mounting faces of the bushings (15-11071). See Photo 6.

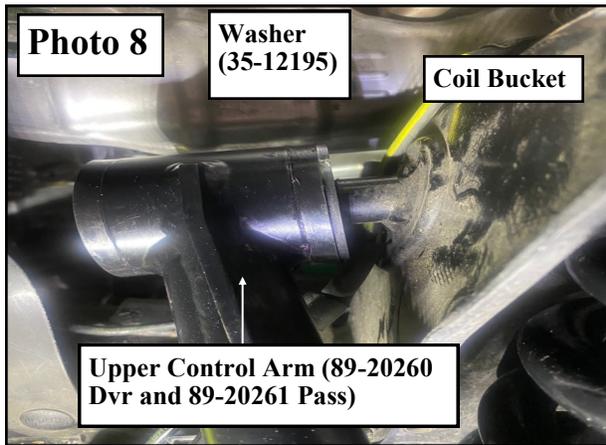




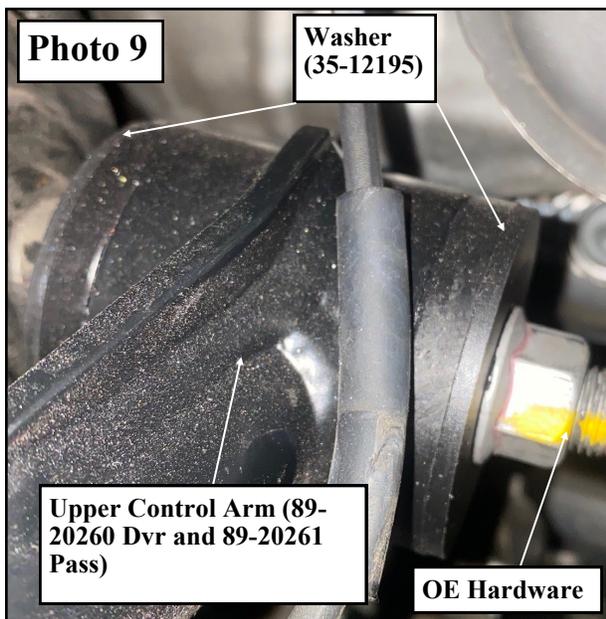
17. Install the Pro Comp Upper Control Arm (89-20260 Dvr and 89-20261 Pass) into the original mounting location using the washers (35-12195), OE pivot bolt, and hardware. See Photos 7, 8, and 9.

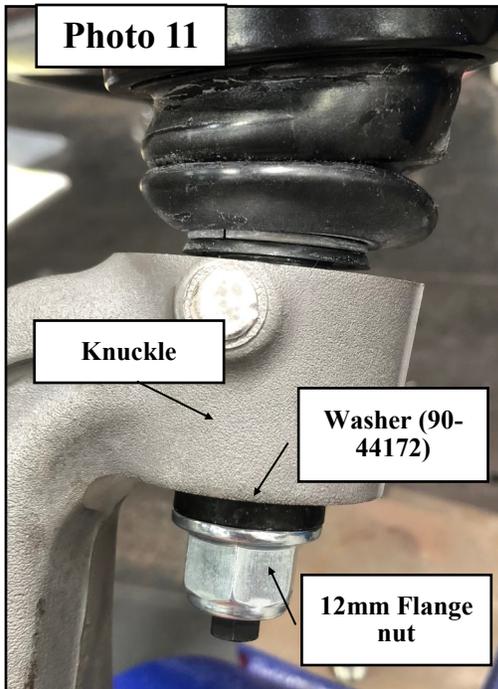
**NOTE:** Washers are installed on both sides of the bushing against the head of the bolt and the nut.

18. Secure the Upper Control Arm to the knuckle using the supplied tapered washer hardware pack (90-60801) and 12mm X 1.75 flange nut. Torque the 12mm nut according to chart on page 9. See Photos 10 and 11.

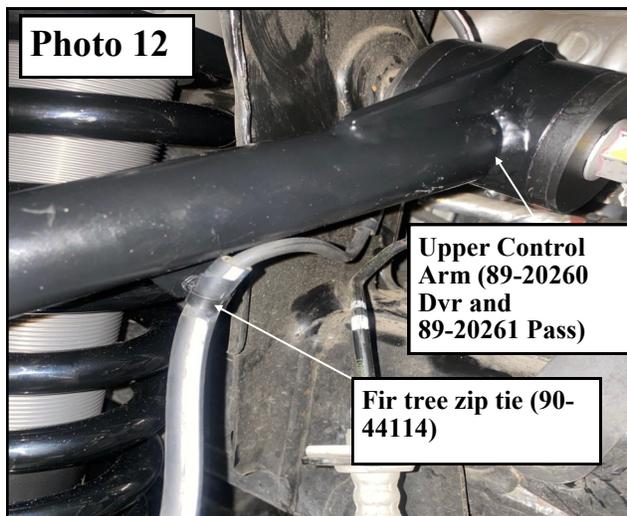


**NOTE:** Place washer so that the chamfered side is contacting the knuckle. See Photo 10.



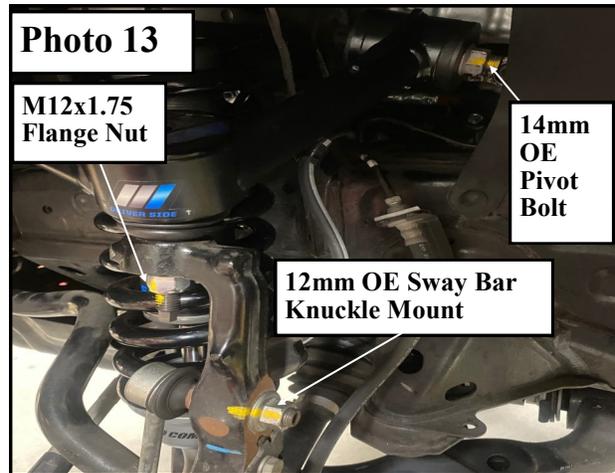


19. Remove the OE metal ABS line bracket gently and install the supplied zip tie (90-44114) onto the ABS line. Secure the ABS line to the Upper Control Arm by pushing the fir tree on the zip tie into the hole on the tab. See Photo 12.

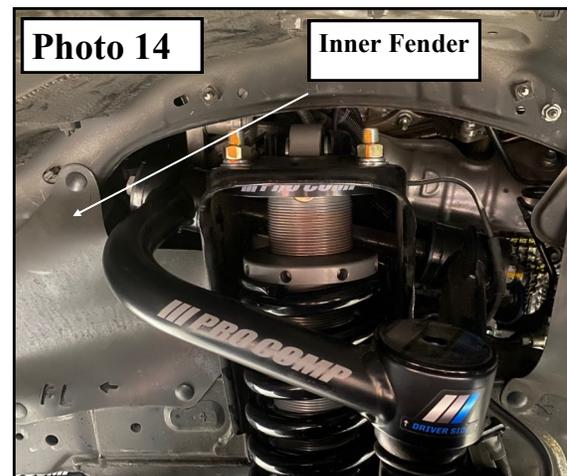


20. Torque the 14mm OE pivot bolt and hardware according to OE specifications. See Photo 13.

21. Install the OE sway bar hardware back onto the knuckle and torque to OE specifications. See Photo 13.



22. Reinstall the previously removed OE plastic inner fender liners using the OE plastic retainers. See Photo 14.



23. Grease the Zerk fittings on the Upper Control Arm to ensure proper bushing function.

24. Repeat steps 4 through 23 on the remaining side of the vehicle.

25. Reinstall the OE battery cable harness bracket to battery using the OE hardware.

26. Install the front tires/wheels and lower the vehicle onto the ground. Torque lug nuts to wheel manufacturer's specifications.
27. Recheck for proper installation and torque on all newly installed hardware. Re-torque all bolts after 500 miles.
28. Grease the Zerk fittings every 5000 miles or after any off-road use.

***IMPORTANT! BE SURE TO BRING THE VEHICLE IMMEDIATELY TO A REPUTABLE ALIGNMENT SHOP TO BE ALIGNED!***

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

<b>Bolt Torque and ID</b>						
<b>Decimal System</b>			<b>Metric System</b>			
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

1/2-13x1.75 HHCS

D T L X

Grade 5 Grade 8  
(No. of Marks + 2)

M12-1.25x50 HHCS

D T L X

P

G = Grade (Bolt Strength)  
 D = Nominal Diameter (Inches)  
 T = Thread Count (Threads per Inch)  
 L = Length (Inches)  
 X = Description (Hex Head Cap Screw)

P = Property Class (Bolt Strength)  
 D = Nominal Diameter (Millimeters)  
 T = Thread Pitch (Thread Width, mm)  
 L = Length (Millimeters)  
 X = Description (Hex Head Cap Screw)

**Safety Warning**

**MISUSE OF THIS PRODUCT COULD LEAD TO INJURY OR DEATH**

Suspension systems or components that enhance the on and off-road performance of your vehicle may cause it to handle differently than it did from the factory. Extreme care must be used to prevent loss of control or vehicle rollover during abrupt maneuvers. Always operate your vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Failure to drive safely may result in serious injury or death to driver and passengers.

Driver and passengers must ALWAYS wear your seat belts, avoid quick sharp turns and other sudden maneuvers. PRO COMP does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your vehicle under the influence of alcohol or drugs.

Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

It is the responsibility of the retailer and/or the installer to review all state and local laws, with the end user of this product, related to bumper height laws and the lifting of their vehicle before the purchase and installation of any PRO COMP products. It is the responsibility of the driver/s to check their surrounding area for obstructions, people, and animals before moving the vehicle. All raised vehicles have increased blind spots; damage, injury and/or death can occur if these instructions are not followed.

**Installation Warning**

All steps and procedures described in these instructions were performed while the vehicle was properly supported on a two post vehicle lift with safety jacks.

Use caution during all disassembly and assembly steps to insure suspension components are not over extend-ed causing damage to any vehicle components and parts included in this kit.

Included instructions are guidelines only for recommended procedures and are not meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications.

PRO COMP recommends the use of an OE Service Manual for model/year of vehicle when disassembly and assembly of factory and related components.

Unless otherwise specified, tighten all bolts and fasteners to standard torque specifications listed within the OE Service Manual. Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature wear or failure of the bushing and maintain ride comfort.

Larger tire and wheel combinations may increase leverage on suspension, steering, and related components. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle ride height. Always measure the vehicle ride height prior to beginning installation.

Unless otherwise specified, tighten all bolts and fasteners to standard torque specifications listed within the OE Service Manual. Suspension components that use rubber or urethane bushings should be tightened with the vehicle at normal ride height. This will prevent premature wear or failure of the bushing and maintain ride comfort.

Larger tire and wheel combinations may increase leverage on suspension, steering, and related components. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle ride height. Always measure the vehicle ride height prior to beginning installation.

### **SAEJ2492 Warning**

By installing this product, you acknowledge that the suspension of this vehicle has been modified. As a result, this vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle, extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, allow more time and distance for braking, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive this vehicle safely may result in serious injury or death. Do not drive this vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state. Consult your owner's manual, the instructions accompanying this product, and state laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

### **Headlamp Warning**

A lifted vehicle may have different headlight aim performance. PRO COMP recommends marking and recording the headlight beam position before kit installation and then adjusting, if necessary, the headlamps to the same height settings after kit installation. Set the vehicle on a level surface 10' to 15' from a solid wall or garage door. (This is a general distance with some manufacturers requiring different distances.) Note the top height of the low beam's bright spot, the top of the most intense part of the beam, for driver and passenger side. Height may vary from side to side. Repeat this procedure and adjust after lift kit is installed. Adjust if the aim is off by turning the adjusters gradually (a quarter of a turn) and looking to see where the new alignment falls. It may be easier to block one headlamp while adjusting the other. Consult the owner operation manual for procedures to adjust headlights - many automakers offer headlight aiming specs. Some states have their own specifications when it comes to headlight aim, so it's best to follow those rules when aligning headlights. FAILURE TO PERFORM THE POST INSPECTION CHECKS MAY RESULT IN VEHICLE COMPONENT DAMAGE AND/OR PERSONAL INJURY OR DEATH TO THE DRIVER AND/OR OTHERS.

### **Final Checks & Adjustments**

Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to ensure proper torque. Torque lug nuts to the wheel manufacturer specs. Move vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels completely left then right and verify adequate tire, wheel, brake line, and ABS wire clearance. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brakes hoses and ABS lines for adequate slack at full extension, adjust as necessary. RECHECK ALL HARDWARE FOR PROPER TORQUE VALUES AFTER 500 MILES, AND THEN PERIODICALLY AT EACH SERVICE INTERVAL THERAFTER.

### **Vehicle Handling Warning**

Increasing the height of your vehicle raises the center of gravity and can affect stability and control. Use caution on turns and when making steering corrections. Vehicles with larger tires and wheels will handle differently than stock vehicles. Take time to familiarize yourself with the handling of your vehicle.

### **Wheel Alignment/Headlamp Adjustment**

It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment. If the vehicle is equipped with active or passive safety/collision monitoring and/or avoidance systems including, but not limited to, camera- or radar-based systems, check and adjust your vehicle's systems for proper aim and function.

**PRO COMP will gladly answer any questions concerning the design, function, maintenance and correct use of our products. Please make sure your Dealer/Installer explains and delivers all warning notices, warranty forms and instruction sheets included with PRO COMP product.**

Application listings in this catalog have been carefully fit checked for each model and year denoted. However, PRO COMP reserves the right to update as necessary, without notice, and will not be held responsible for misprints, changes or variations made by vehicle manufacturers. Please call when in question regarding new model year, vehicles not listed by specific body or chassis styles or vehicles not originally distributed in the USA.

**Please note that certain mechanical aspects of any suspension lift product may accelerate ordinary wear of original equipment components.** Further, installation of certain PRO COMP products may void the vehicle's factory warranty as it pertains to certain covered parts; it is the consumer's responsibility to check with their local dealer for warranty coverage before installation of the lift.

### **Warranty and Return policy:**

PRO COMP warranties its full line of products to be free from defects in workmanship and materials. 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.



**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 warrants 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 Monotube 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.

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Ph: 1-800-776-0767**

<u>PLACE</u>
<u>WARRANTY REGISTRATION</u>
<u>NUMBER</u>
<u>HERE:</u> _____

**Revision Page:**

**10.5.22:** Updated to include 2022 model year.

**12.14.22:** Updated template and fitment.

**1.25.23:** Updated cover to include 2023 model year.