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**Latest Revision:
6.28.2021**



PRO COMP SUSPENSION

IMPORTANT!: 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.

57006B

**2005-2021 Toyota Tacoma 4WD Ball Joint Upper Control Arm
Kit**

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.
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
35-12195	WASHER: 2.25" X .563" X .125"	8
89-20229	TUBULAR UPPER CONTROL ARM: Dvr	1
89-20232	TUBULAR UPPER CONTROL ARM: Pass	1
90-4433	GREASE PACK	8
90-60801	HARDWARE PACK: WASHER M12 TAPERED	1
90-44172	M12 TAPERED WASHER	2

NOTE: All part images may vary from catalog and instructions.

TECH NOTES

- Re-torque bolts after 500 miles.
- Grease Zerk fittings every 5000 miles or after any off-road use.
- Do not exceed an assembled coilover length of 22" for years 2005-2015 and 20.625" for years 2016-2020 or binding will occur.
- If using on K5073B, K5080B OR K5089B 6" kits, do not exceed 26.75" extended length or binding will occur.
- If using 57006B with a non approved Pro Comp kit, you must cycle to verify nothing will bind.
- *4WD VEHICLES ONLY* If front driveline vibration occurs, install recommended 4WD Front Differential Drop Kit below.

Optional Equipment Available from your Pro Comp Distributor!

Front Coil Over Performance Kit: 57011BX-1 (2005-Up) (Pair, 0"-2.5" Front Lift)
Rear Shock Performance Kit: 57011BX-2 (2005-Up) (Pair, 0"-1" Rear Lift)
Front Shock OE Replacement: ZX2080 (2005-Up) (Single OE Replacement)
Rear Shock OE Replacement: ZX2012 (2005-Up) (Single OE Replacement)
4WD/2WD Pre Runner 6" Suspension Lift Kit: K5073B/K5073BP (2005-2011)
4WD/2WD Pre Runner 6" Suspension Lift Kit: K5080B/K5080BP (2012-2015)
4WD/2WD Pre Runner 6" Suspension Lift Kit: K5089B/K5089BP (2016-Up)
6" Coil Over Upgrade Kit: 57014BX-1/57014BX-2 (2005-Up) (For 6" Lift Kits Only)
Traction Bars: 72500B Traction Bar Mounting Kit: 72083B (2005-Up)
Skid Plate: 57196 (2007-Up) (For 6" Lift Kits Only)
Add-A-Leaf Kit: 13129 (2007-2011) or 13120 (2012-Up)
4WD Front Differential Drop Kit: 57004B (2005-Up)

Also, Check out our outstanding selection of **Pro Comp** tires to compliment your new installation!

Optional Upper Control Arm Rebuild Equipment Available from your Pro Comp Distributor!

Ball Joint: 90-60780 (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

Also, Check out our outstanding selection of **Pro Comp** tires to compliment your new installation!

Introduction:

- ◆ 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.**

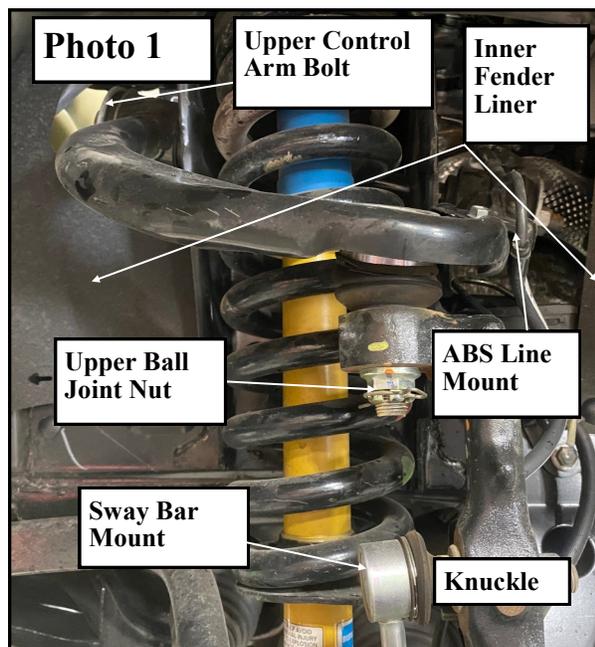
FRONT INSTALLATION:

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

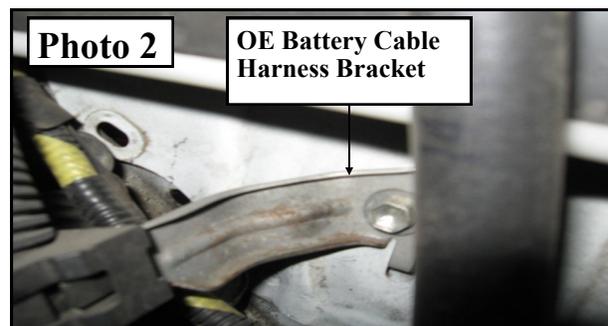
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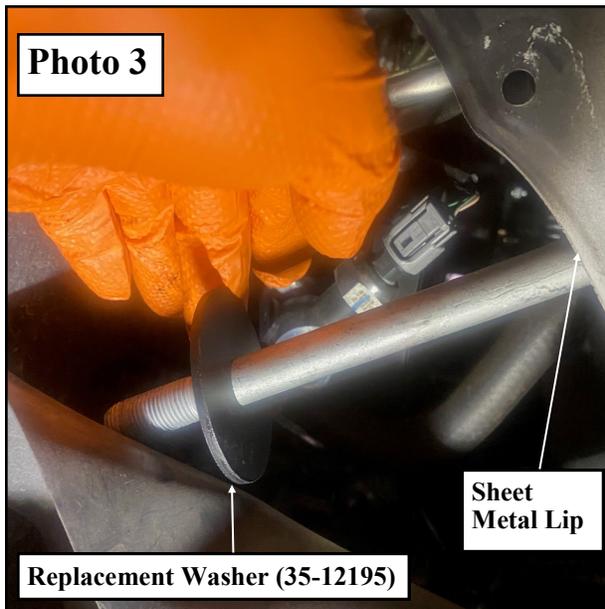
2. Be sure you are working on a level surface. Block the rear tires and raise the front of the vehicle. Support the frame with jack stands.
3. Remove the front wheels.
4. Remove the OE plastic retainers, in front of the brake line, and pull the plastic inner fender liners behind the brake line exposing 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. Save the OE hardware. 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.

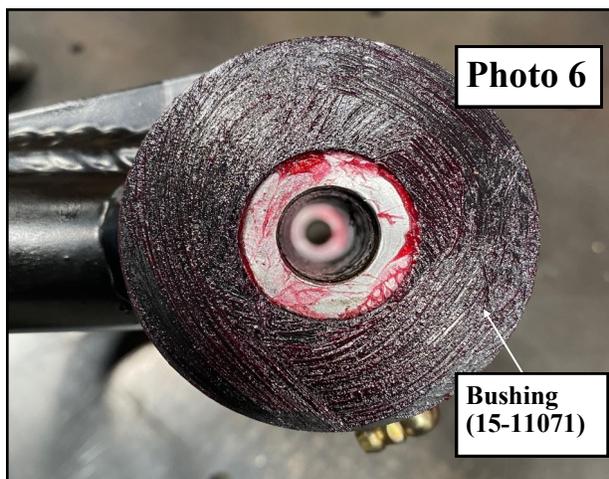
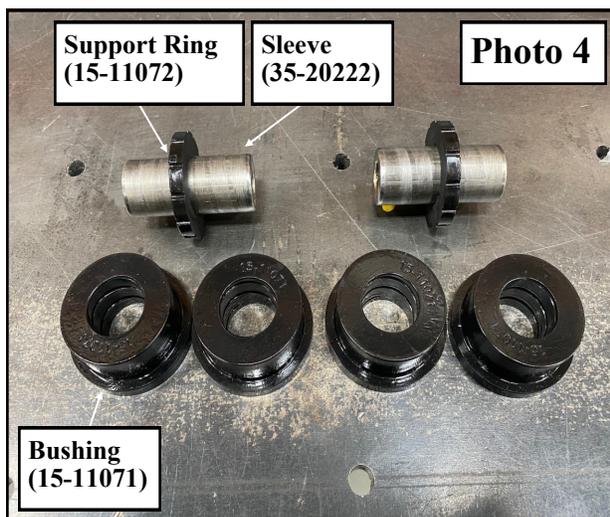


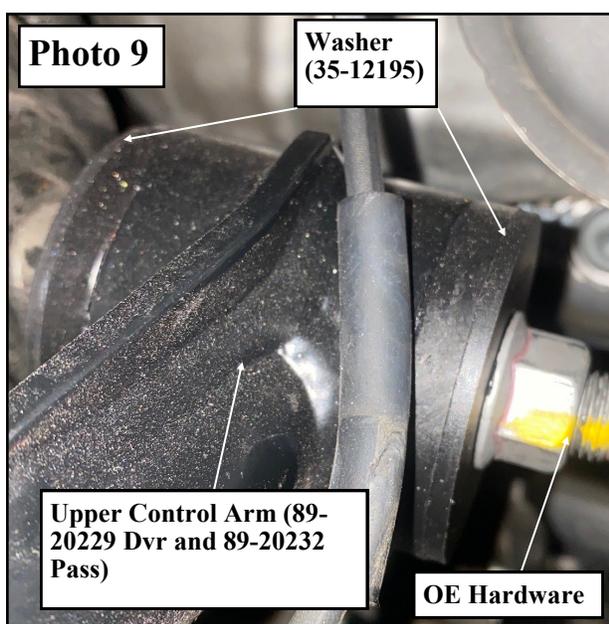
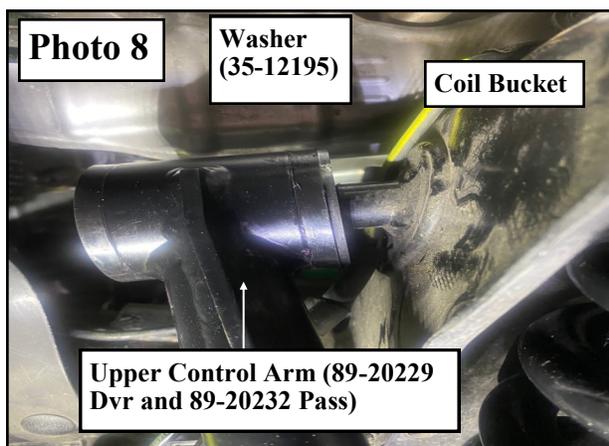
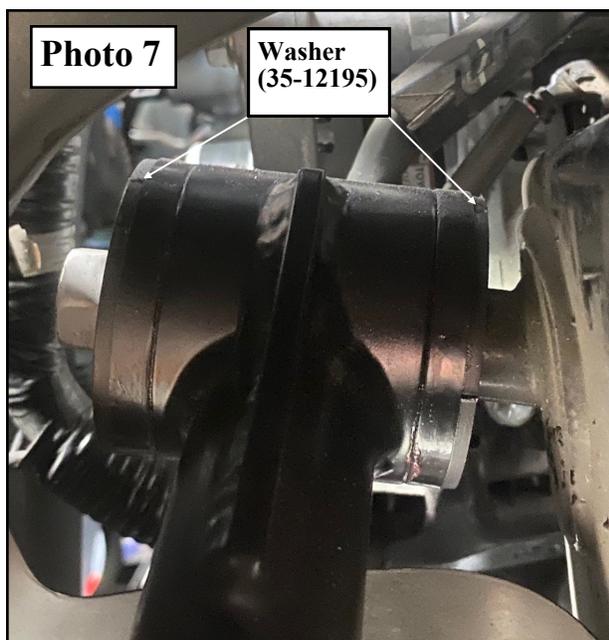
8. Remove the nut on the OE upper control arm pivot bolt. Save OE hardware for reinstallation.
9. Before removing the ball joint nut, secure the knuckle to prevent it from tilting away from the center of the vehicle. Remove the ball joint nut and lift the control arm out of the way. Support the knuckle 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 the replacement washer (35-12195) next to the head of the bolt. See Photo 3.
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.

15. Install the (2 per arm) bushings, support ring, and sleeve assemblies into the Pro Comp Upper Control Arm (89-20229 Dvr and 89-20232 Pass). See Photo 5.
16. Apply grease to the mounting faces of the bushings (15-11071). See Photo 6.





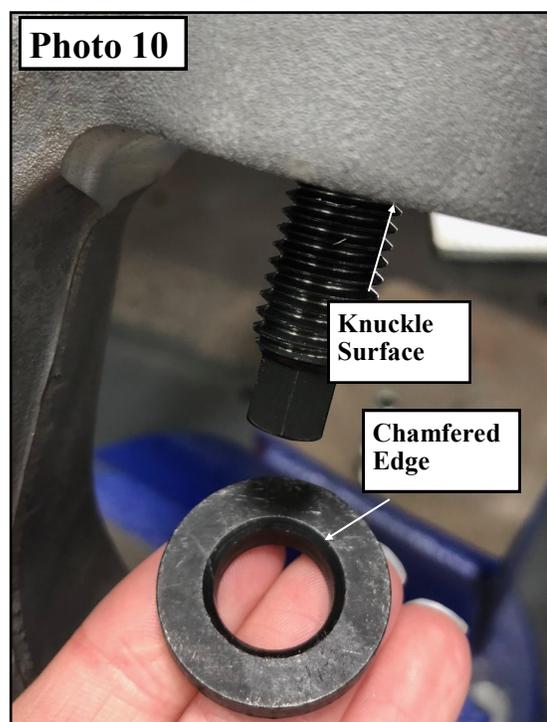
17. Install the Pro Comp Upper Control Arm (89-20229 Dvr and 89-20232 Pass) into the original mounting location using the washers (35-12195), OE pivot bolt, and hardware. See Photos 7, 8, and 9.

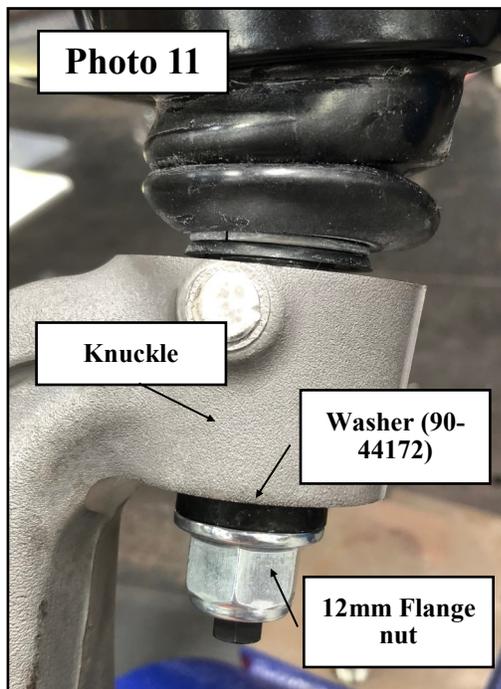
NOTE: Washers are installed on both sides of the bushings against the head of the bolt and the nut.

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

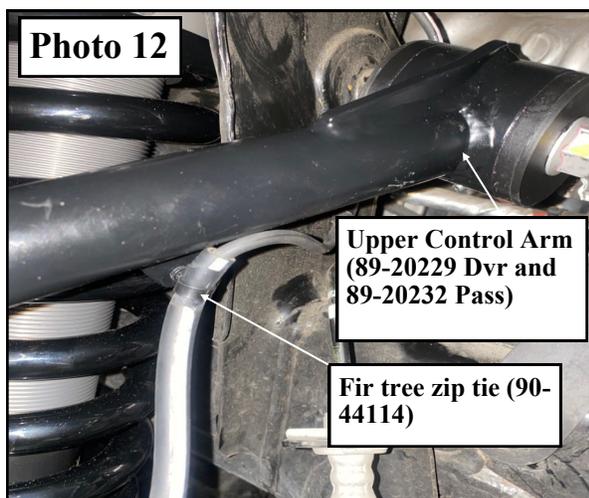
19. Secure the Upper Control Arm to the knuckle using the supplied tapered washer hardware pack (90-60801) and 12mm X 1.75 flange nut. Torque the 12mm flange nut 75 ft-lbs. See Photos 10 and 11.

NOTE: Place washer (90-44172) so that the chamfered side is contacting the knuckle. See Photo 10.





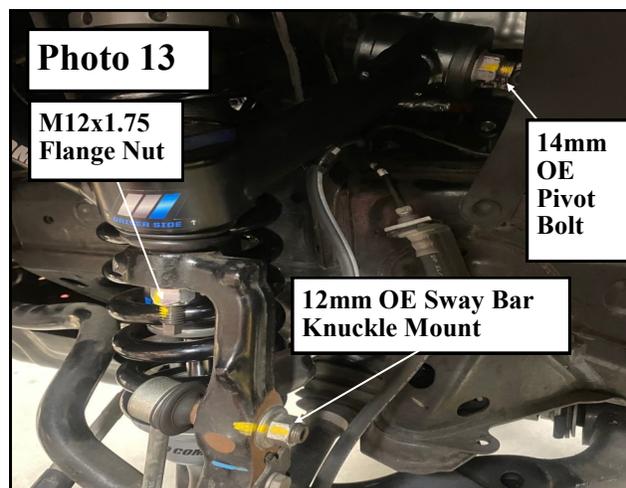
20. Remove the OE metal ABS line bracket gently and install the supplied zip tie (90-44114) onto the ABS line. Secure the ABS line to the Upper Control Arm by pushing the fir tree on the zip tie into the hole on the tab. See Photo 12.



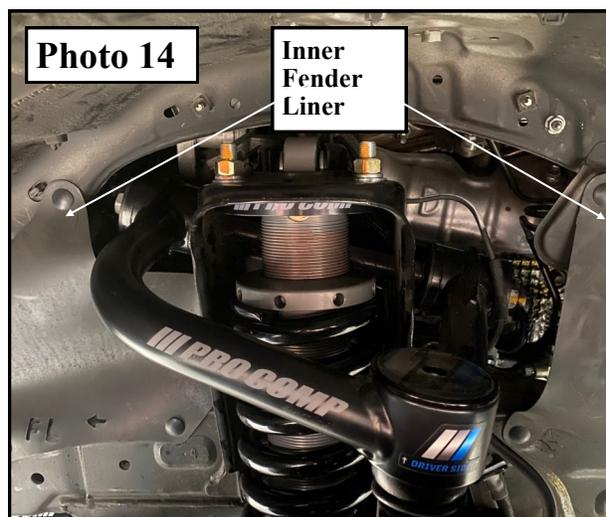
21. Torque the 14mm OE pivot bolt hardware to OE specifications. See Photo 13.

22. Install the OE sway bar link back

onto the knuckle and torque the OE hardware to OE specifications. See Photo 13.



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



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 manufac-

ture'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.

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> <p>Grade 5 Grade 8 (No. of Marks + 2)</p> <p>D T L X</p>	<p>M12-1.25x50 HHCS</p> <p>D T L X</p>
<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>	<p>P = Property Class (Bolt Strength) D = Nominal Diameter (Millimeters) T = Thread Pitch (Thread Width, mm) L = Length (Millimeters) X = Description (Hex Head Cap Screw)</p>

Revision Page:



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 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

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