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Latest Revision:
11.1.2022

PRO COMP SUSPENSION

WARNING: NOT COMPATIBLE WITH TRD PRO MODELS

NOT COMPATIBLE WITH 2022 TUNDRA, WILL CAUSE AXLE FAILURE

65225K
Front and Rear Leveling Kit 3/1”
2007-2021 Toyota Tundra 2/4WD
*Does not fit: 2022+ Toyota Tundra

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.

Part #	Description	Qty.
94-8077m	**3” COIL SPACERS**	**2**
90-6743	**HARDWARE PACK:**	**1**
90-2840	DIFF MOUNT SPACER	2
90-8076	SKID PLATE SPACER	3
90-6739	**HARDWARE PACK: Diff Spacers**	**1**
.80C400HCS1Z	M8-1.25 X 40mm HEX BOLT GR. 10.9	3
31NWUSZ	5/16” USS FLAT WASHER	3
.140F1500HCS1Y	M14-1.5 X 150mm HEX BOLT GR. 10.9	2
.140NWHDY	M14 FLAT WASHER	4
.140FNNEZ	M14-1.5 NYLOCK NUT	2
90-6610m	**HARDWARE PACK: Coil Spacers**	**1**
.100FNFLZ	10mm-1.25 FLANGE NUT	8
13-90126Em	**U-BOLT**	**4**
95-102	**1" LIFT BLOCK**	**2**
20-65302m	**HARDWARE PACK: Hi Nuts**	**1**

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

RECOMMENDED PRO COMP SHOCKS
2007-2021 Tundra 2WD & 4WD
Rear Shock: 925518B

FRONT INSTALLATION:

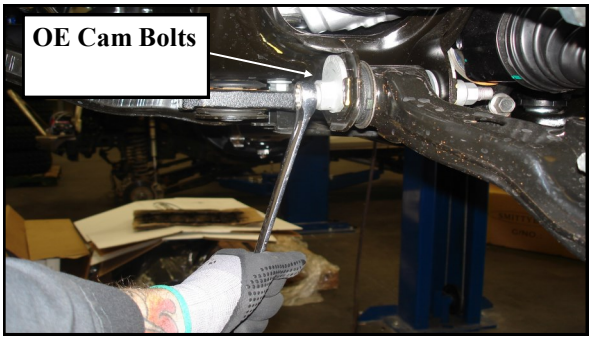
1. Measure the vehicle from the center of the hub to the fender lip and record this measurement below.

LF:_____ **RF**:_____

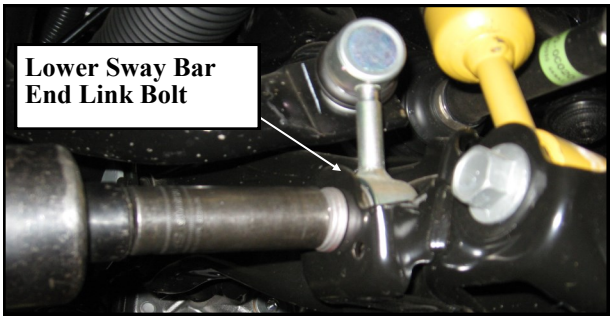
LR:_____ **RR**:_____

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 skid plate from the vehicle. Save for reinstallation.
5. Loosen, but **DO NOT** remove, the lower control arm cam bolts.

   IMPORTANT! DO NOT remove the alignment cams.
6. Unbolt the sway bar end links from the lower control arm. Save the hardware for reuse.

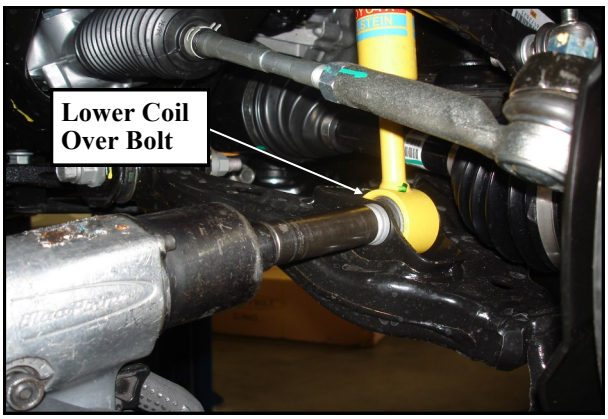


7. Starting on the driver's side, remove the lower shock bolt from the lower control arm.



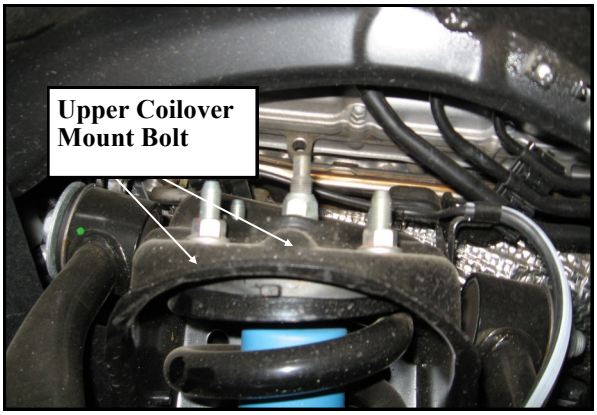
NOTE: The direction of the bolt for reinstallation.

8. Loosen, but **DO NOT** remove the upper coilover nut on the shock tower **(4)** on each side of the vehicle that holds the Coilover assembly to the shock tower.
9. Support the lower control arm with a floor jack and remove the **(2)** lower knuckle mounting bolts.



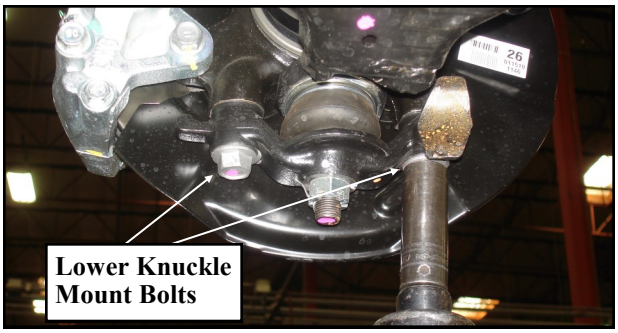
NOTE: Please take caution as the lower control arm will swing down as soon as you remove the lower ball joint bolts.

10. Remove the coilover assembly from the vehicle and install securely in a bench vise.



11. Now would be a good time to inspect the front struts for damage or fluid leakage. Replace if necessary.

    NOTE: For improved performance Pro Comp struts/shocks are recommended. See the box on page 2 for applications.
12. Install the coil spacer **(94-8077m)** onto the **OE** coilover and secure using the previously removed **OE** hardware.



13. Install the coilover assembly into the shock tower and secure using the upper **(4) 10mm** flange nuts. (Make sure the bottom of the strut is aligned properly)

    NOTE: It may be necessary to push the lower a-arm down to aid in the reinstallation of the strut assembly, and a floor jack to raise the lower a-arm up in order to get the lower ball joint mount installed.

14. Install the lower strut bolt in the original position that it was removed.

15. Using the floor jack, raise the lower control arm and secure the lower ball joint mount to the knuckle using the previously removed **(2) OE** bolts. Torque per **OE** specifications.

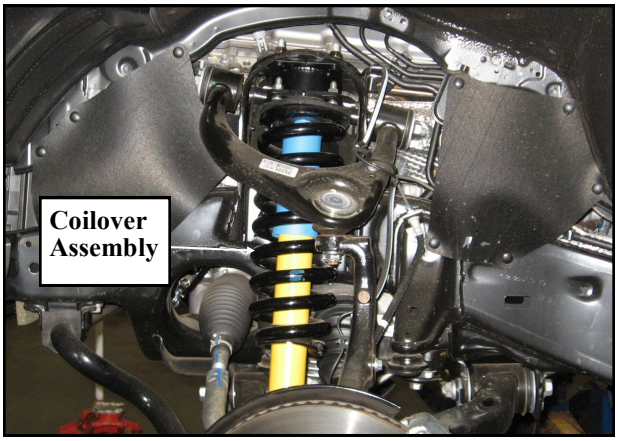
16. Repeat steps 7 through 15 on the remaining side of the vehicle.

17. Carefully position a floor jack under the front differential and raise the pad to contact the differential.

18. Remove the **(2) OE** front differential mounting nuts and bolts.

NOTE: The large OE washer will be reused.

19. Install the differential mount spacers **(90-2840)** between the diff mounts and the front crossmember. Secure the diff mount using the supplied **14mm X 150mm** bolts, large **OE** washer and **14mm** hardware. Torque per **OE** specifications.



20. Reinstall the front skid plate using the **(2) OE** bolts to the front skid plate mounts. Torque per **OE** specifications.

21. Secure the rear of the skid plate to the rear skid plate frame mounts using the supplied **8mm X 40mm** bolt, skid plate spacer **(90-8076)** and **5/16"** washer.

22. Install the front tires/wheels and lower the vehicle onto the ground.

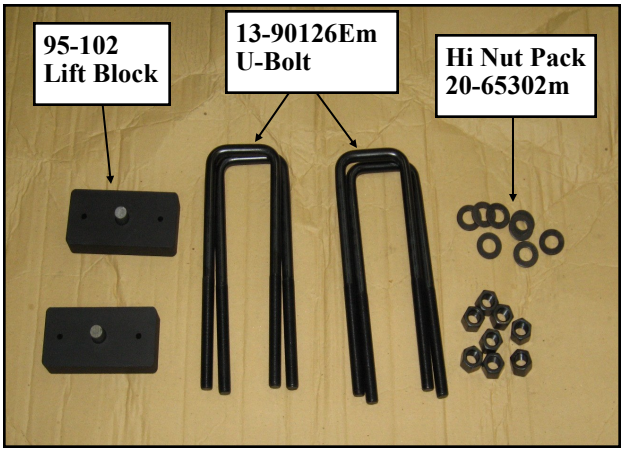
23. Torque the lower control arm cam bolts per **OE** specifications.

24. Reinstall the sway bar end links to the lower a-arm using the previously removed **OE** hardware.

25. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.

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

REAR INSTALLATION:



1. Block the front tires and raise the rear of the vehicle. Support the frame with jack stands forward of the rear springs.
2. Remove the rear wheels.
3. Unbolt the lower shock mount bolts on both sides of the vehicle. It may be necessary that you slightly raise the axle to unload the shocks for removal.
4. Work on one side of the vehicle at a time.
5. Support the rear axle with a floor jack and remove the **U-bolts** on the driver side. Loosen the **U-bolts** on the passenger side and carefully lower the rear axle.

   NOTE: Be sure not to over extend the rear brake line and rear axle vent line.
6. Install the lift block **(95-102)** making sure the pin are fitted into the hole on the spring perch. Use your floor jack to raise the axle to the spring making sure the pin on the leaf spring fit into the holes on the new lift block.
7. Secure the assembly with the **U-bolts (13-90126Em)** and new hi-nuts and washers from hardware pack **(20-65302m)**. Do not torque the **U-bolts** at this time.

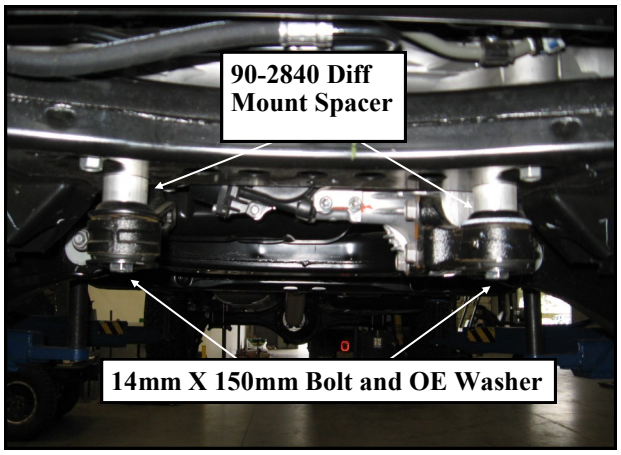
   NOTE: Make sure the block sits flush on the axle perch.
8. Repeat the installation on the other side of the vehicle.
9. When the installation of the remaining side is complete, torque the **U-bolts** to 120 ft./lbs.
10. Reinstall the lower shock mounts using the previously removed **OE** lower bolts. Torque per **OE** specifications.
11. Now would be a good time to inspect the shocks for damage or fluid leakage. Replace if necessary.

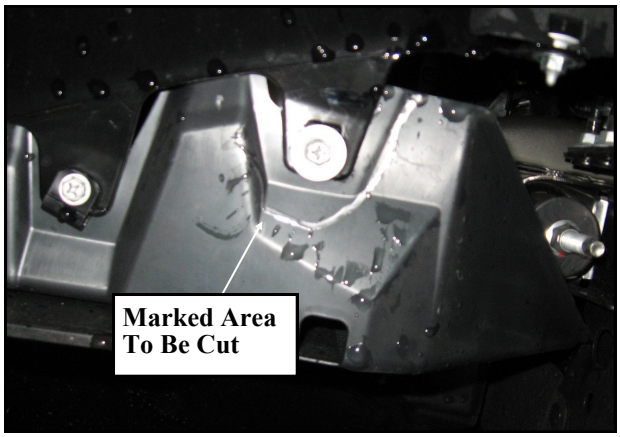
NOTE: For improved performance Pro Comp shocks are recommended. See the box on page 2 for applications.

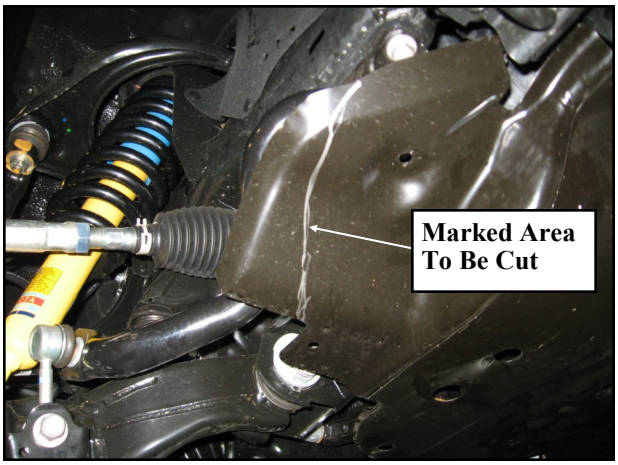
12. Check all hardware at this time to ensure that everything is tight. Check for adequate clearance on all repositioned brake lines and emergency brake cables. Make sure you check with the suspension fully extended, and compressed.
13. Reinstall the wheels and lower the vehicle to the ground. Torque the lug nuts according to the wheel manufacturers recommendations.
14. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.

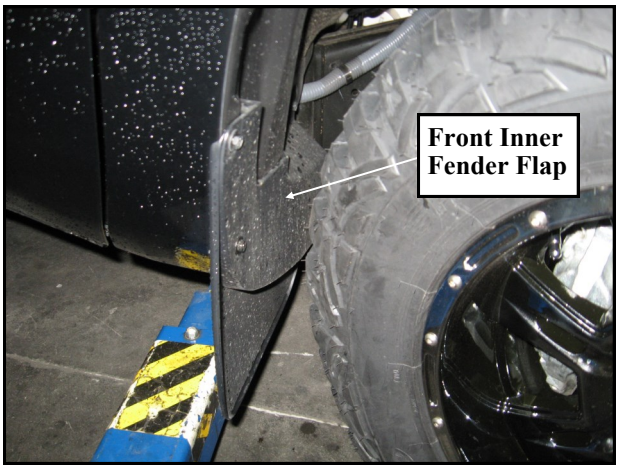
Modifications to Clear 35" Tires:

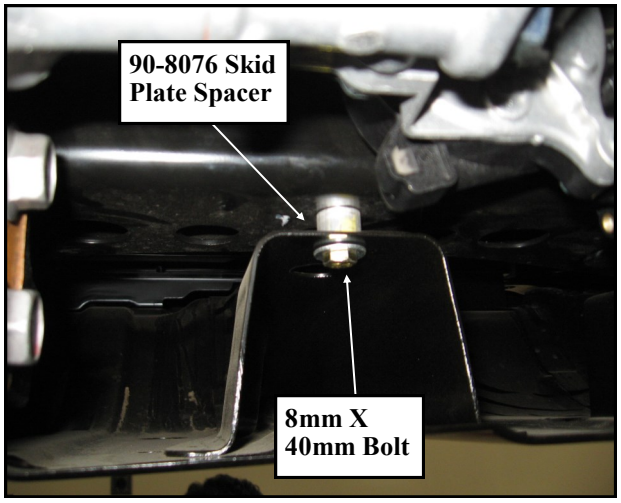
1. With the wheel mounted to the vehicle, turn the wheel full lock in both directions and mark the contact points of the tires on both sides. Remove the skid plate and cut off the previously marked areas using a cut-off wheel or other suitable tool. De-burr all the edges, reinstall and check for any clearance issues.
2. Remove the front flap. Push the inner fender forward to create additional clearance. The mounting location on the inner fender will need to be trimmed to create the additional clearance. The inner mounting hole will also have to be re-drilled in it's new position.







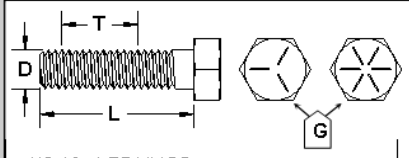




Use this only as a guide for hardware without a called out torque specification in the instruction manual.

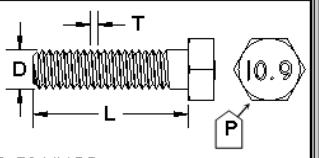
Bolt Torque and ID

Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade8	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 **Grade 5** **Grade 8** (No. of Marks + 2)

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



M12-1.25x50 HHCS

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 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 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.

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

PLACE
WARRANTY REGISTRATION NUMBER
HERE: _____

Revision Page:

8.9.22: Created revision page and updated instructions notes
10.10.22: Updated kit fitment for later models.
11.1.22: Updating Inst template.