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PRO COMP SUSPENSION

Suspension Systems that Work!

PN# 61240
1994-2001 Dodge 1500 4wd /
1994-2011 Dodge 2500/3500 4wd/
2006-2011 Mega Cab 8-lug 4wd
2" Spacer Kits

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.
94-2856m	COIL SPACER	2
90-6317m	HARDWARE PACK: SPACER MOUNT 10mm-1.25 FLANGE NUT	1 6

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

RECOMMENDED PRO COMP SHOCKS

	<u>Front:</u>	<u>Rear:</u>
<u>03-11 Ram 2500/3500 4WD:</u>	924553, MX6139	927543, MX6105
<u>94-02 Ram 2500/3500 4WD:</u>	924553, MX6119	925543, MX6162
<u>94-01 RAM 1500 4WD:</u>	922553, MX6119	925543, MX6061

For 2500:

Optional Equipment Available from your Pro Comp Distributor!

- 56708 03-08 6" Suspension Lift Kit/2500 4wd**
- 56713 2009 6" Suspension Lift Kit/2500 4wd**
- 56714 2009 Long Arm Suspension Lift Kit/2500 4wd**
- 56715 2009 5" Coil Spacer Suspension Lift Kit/2500 4wd**
- 56716 2010 6" Coil Spring Suspension Lift Kit/2500 4wd**

**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.**

INSTALLATION INSTRUCTIONS:

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

LF: _____ RF: _____

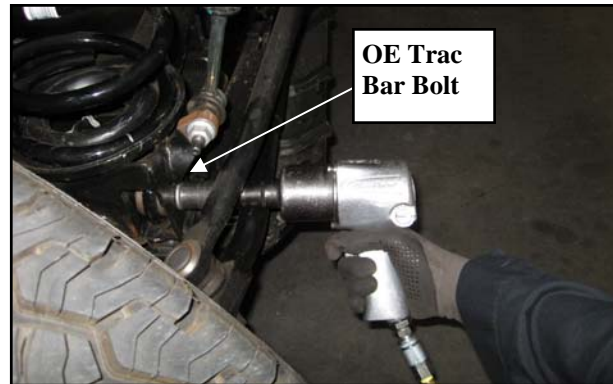
LR: _____ RR: _____

2. Ensure that your work space is of adequate size and the work surface is level. Place the vehicle in neutral. Place your floor jack under the front axle and raise vehicle. Place jack stands under the frame rails behind the front wheel wells and lower the frame onto the stands. Remove the jack and place the vehicle back in gear, set the emergency brake, and place blocks both in front of and behind the rear wheels. Remove the wheels.
3. Remove any skid plates or debris shields from the bottom of the vehicle.
4. Unbolt both brake line brackets from the frame to allow for free movement of the suspension components.
5. Place an index mark on the bottom of the coil springs and lower spring pockets. This is so the coil spring and lower spring mount can later be installed in the correct position.
6. Unbolt sway bar from the sway bar end links.



7. Support the front axle with a jack. Disconnect track bar at the axle mount and

inspect for excessive wear. The track bar, when attached, will not allow the front axle to drop down enough to install spring.



8. Raise the floor jack under the coil springs.
9. Locate the top shock mount in the engine compartment. Remove the nut, retainer and grommet from the shock.
10. Remove the three nuts from the upper shock bracket. Remove the bracket and set aside.
11. Unbolt the shock absorber from the lower mount bracket on the axle. Remove the shock through the engine compartment.
12. Carefully lower the floor jack until coil springs are free from the upper spring pocket. Remove the coil springs.
13. Remove and set aside the upper rubber isolation pad on the coil and the stud ring from the spring pocket.

NOTE: You will not be reusing stud ring in the installation.



14. Repeat on other side of the vehicle.
15. Loosely bolt the coil spacer (**94-2856m**) to the upper coil spring bucket mount using **10mm** hardware.



16. Support the front axle with a jack. Lower the axle and install the coil springs and **OE** rubber isolator. Be sure the coils are properly indexed.
17. Raise the front axle with the floor jack so that it compresses the front coil springs and attach track bar with the **OE** bolt and hardware.



18. Reinstall the front shock through the coil spring from the engine compartment. Install the lower shock bolt and torque this hardware to factory specifications.
19. Remove the **10mm** hardware from the

spring spacer studs and install upper shock tower onto the studs. Re-secure using the previously removed **10mm** hardware and torque to **45** ft./lbs.

20. Install the upper shock mount using the grommet and retainer, fastening the shock stud and to the shock bracket with the upper shock nut. Torque nut to factory specification.



21. Repeat on the other side of the vehicle.
22. Bolt the brake line brackets back into their original position.
23. Install the front tires/wheels and lower the vehicle to the ground.
24. Reattach sway bar end links with the vehicle on the ground. Torque down end links and sway-bar bolts to factory specifications.
25. On both sides of the vehicle, check the routing of the brake lines and the ABS wire harnesses. There must be no pinching, rubbing, or stretching of any component. Use zip ties to secure these items to the steering components. At full droop, cycle the steering from lock to lock while observing the reaction of these components. Reposition them if needed.
26. Have your vehicle aligned.

27. Now would also be a good time to inspect the rear shocks for damage or fluid leakage. Replace if necessary.

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

28. After 100 miles recheck for proper torque on all newly installed hardware.

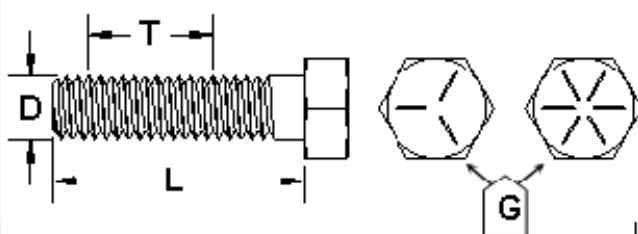
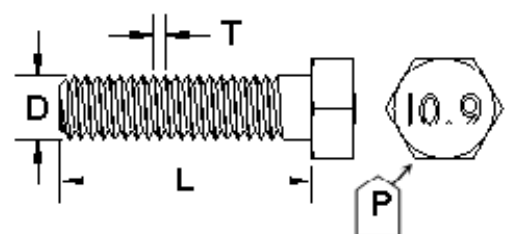
29. Have your headlights adjusted.

30. Recheck all hardware for tightness after off road use. ☺



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 Grade 5 Grade 8 (No. of Marks + 2)</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>M12-1.25x50 HHCS</p> <p>D T L X</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>
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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 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.

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
 - Discontinued products at Pro Comp’s discretion
- Bent or dented product
- Finish after 90 days
- Leaf or coil springs used without proper bump stops
- Light bulbs
- Products with evident damage caused by abrasion or contact with other items
- Damage caused as a result of not following recommendations or requirements called out in the installation manuals
- Products used in applications other than listed in Pro Comp’s catalog
- Components or accessories used in conjunction with other manufacturer’s systems
- Tire & Wheel Warranty as per Pro Competition Tire Company policy
- Warranty claims without “Proof of Purchase”
- Pro Comp Pro Runner 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: tech@explorerprocomp.com
Website: www.explorerprocomp.com
Fax: (619) 216-1474
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PLACE
WARRANTY REGISTRATION
NUMBER
HERE: _____