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PRO COMP SUSPENSION

Suspension Systems that Work!

**64501
2004-2006
Nissan Titan/ Armada
2WD & 4WD 2" Lift
Spacer 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.

Parts List

Part #	Description	Qty.	Illus.	Page
6303.01	Top Spacer	2	1	5
6302.01	Coil Spacer	2	1	5
	HARDWARE PACK: Bolts	1	-	-
	10-1.25 X 50mm Bolt	6	1	5
	10mm Washer	6	1	5
	10mm- 1.25 Nut Nyloc	6	1	5

RECOMMENDED PRO COMP SHOCKS

Vehicle:	ES3000	ES9000	MX-6
Titan 4WD:	325543 rear	925543 rear	MX6061 rear
Titan 2WD:	324543 rear	924543 rear	MX6061 rear

TOOLS NEEDED:

Wrench and Socket Set	1
Wall Mounted Coil Spring Compressor	1
Floor Jack	1
Jack Stand	2+
Machine Press or Bench Vise	1

Equipment Available from your Pro Comp Distributor!

Suspension Lift Kit:	59001B/59001BMX
*Coil Over Add On Kit:	59002BMX
*Traction Bars: 72300B	(Crew Cab) Mounting kit: 79090B
*Rear MX-6 Shocks:	MX6060
*Rear MX-6R Reservoir Shocks:	MX6066R
(Must be Ordered with MX-6R Shocks):	Sleeve P-1036 (2 per shock)
	Bushing 600026 (2 per shock)
*Rear MX-6R Reservoir Mounting Kit:	63012 or 63013

*(Can only be used in conjunction with a Pro Comp suspension lift kit)

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.**

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. 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. Disconnect the steering linkage and push forward, out of the way.
5. Remove the sway bar bracket bolts, allowing the sway bar to drop.
6. Remove the upper ball joint nut and remove spindle from upper A-arm.
7. Remove the upper strut nuts on the strut tower **(3)** on each side of the vehicle that holds the strut assembly to the strut tower.

NOTE: Leave one nut on to prevent the strut from dropping out in the next step.

8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle.

NOTE: The direction of the bolt for reinstallation.

CAUTION: THE STRUT ASSEMBLY WILL DROP A LITTLE

9. Compress the coil spring on the strut

assembly with a suitable coil spring compressor and remove the upper strut isolator mount nut.

10. Remove the compressed coil spring assembly from the strut.

NOTE: Inspect the front shock assembly for any damage or fluid leakage. Replace if necessary.

11. Remove the coil spring isolator from the strut mounting plate.
12. Remove the **(3)** pressed in studs on the upper strut isolator mount and install the supplied **10mm.** bolts. Do not thread the nut on at this time.
13. Replace the **OE** coil spring spacer with the supplied top spacer **(6302.01)** to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mounting plate.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment spiral.
16. Slide the coil spacer **(6303.01)** onto the strut assembly over the new **10mm.** bolts.
17. Install the strut assembly into the strut tower and start the upper **(3) 10mm.** nuts with washer. (Make sure the bottom of the strut is aligned properly)

NOTE: If the 10mm bolts spin when the nyloc nuts are threaded on use the previously removed OE nuts instead.

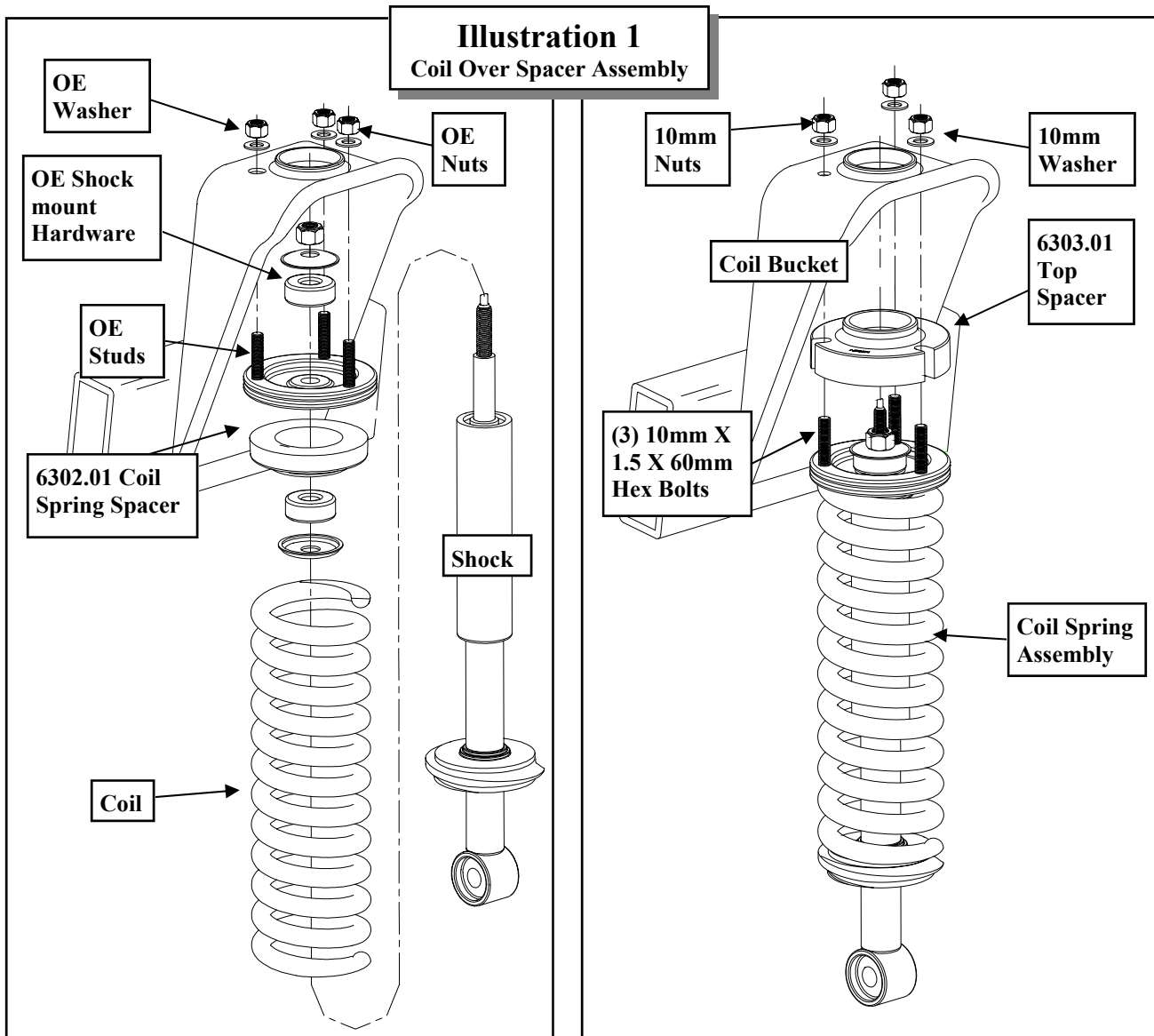
18. Install the lower strut bolt in the original position that it was removed.
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Torque per **OEM** specifications.
20. Reconnect the sway bar end links. Torque per **OEM** specifications.
21. Install the front tires/wheels.
22. Lower the vehicle onto the ground and

tighten the upper strut tower nuts. (**3** on each side)

23. 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.

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



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 warrants 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.

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PLACE
WARRANTY REGISTRATION
NUMBER
HERE: _____