

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 66-4000) Strut extension Kit, Installation Instructions
2004-2007 Nissan Titan & Armada* 2WD & 4WD (excluding Pro 4x)

*May require a rear coil spacer to level vehicle. Will work with auto-leveling.

Please read instructions thoroughly and completely before beginning installation.

Check www.readylift.com for any updated installation instructions.

Installation by a trained mechanic is recommended.

Step 1:

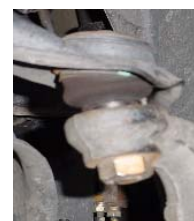
Position truck on a flat surface and lift the front wheels off the ground using jack stands or a (2) two post lift if available. Remove the wheels and tires on both sides. Remove the two lower sway bar nuts on both sides of truck. (Insert A)

Remove the driver's side cotter pin and loosen but **Do Not Remove** the upper ball joint nut. Use of a hammer to break the ball joint free may be needed. (Insert B)

It is recommended that you complete the installation on one side of the vehicle before beginning the other side



(A)



(B)

Step 2:

Remove the strut from the vehicle and mount it in a bench vise, and install the ReadyLift® kit. Torque fasteners to OEM specification. Note the shape of the ReadyLift®; the strut will be rotated 180 degrees when reinstalled.



Step 3:

Reinstall the strut assembly in its stock location by first loosely attaching 3 upper nuts on the top of the spring spacer. (Insert C)

Using a floor jack to support the lower a-arm remove the upper ball joint nut and lower the lower a-arm assembly until you can inset the lower strut mount bolt and nut. (Insert D)



(C)



(D)

ReadyLift Suspension, Inc.

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Toll Free (888) 922-2294 Local (714) 862-2968 Fax (714) 862-2972

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Step 4:

Raise floor jack and the lower a-arm assembly and reinstall upper ball joint nut and cotter pin, tighten upper strut hardware and re-torque all hardware to the stock specifications

Step 5:

Repeat steps 1 through 4 on the Passenger Side of the vehicle. Then re-install the sway bar nuts on both sides and re-torque to the factory specifications.
 Follow each step closely, making sure to double-check the torque on all fasteners.

Step 6:

Wheel Alignment; a Certified Alignment Technician that is experienced with lifted vehicles is recommended to perform the alignment.

*It is recommended that you have your vehicle's alignment checked whenever installing new tires

*Adjust your headlights whenever your vehicle's ride height is altered.



Nissan Titan with ReadyLift[®] and 295 / 70x17 tires installed on 17x8.5 wheels with 4.5" backspacing

Vehicle Handling Warning

Vehicles with altered suspensions will handle differently than stock. Take time to familiarize yourself with the new handling of your vehicle.

DRIVE SAFELY AND WEAR YOUR SEATBELT.

Installation Warning

Always wear proper safety equipment and use the correct tools when installing any suspension upgrade. Make sure vehicle is on a flat surface and you are using jack stands or a lift rated for the weight of the vehicle.

Warning! This ReadyLift[®] Leveling Kit is designed and engineered to level out a stock vehicle with no prior modifications. The use of this kit along with items such as rear lift blocks or spacers, add-a-leafs, airbags, suspension lifts, body lifts or any other type of lifting accessory shall be done at the vehicle owners risk and will void any and all warranties in effect or implied by ReadyLift[®].



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SAFETY WARNING: ReadyLift Suspension Inc. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

PRODUCT SAFETY WARNING: Modifying your vehicle ride height may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. ReadyLift Suspension Inc. does not recommend the combined use of suspension lifts, body lifts, or other lifting devices. You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

Pre-Installation Notes

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of ReadyLift Suspension Inc. components. **Always wear safety glasses** when using power tools.
6. If installation is to be performed without a hoist, ReadyLift aSuspension Inc. recommends rear alterations first.
7. 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 attitude. Always measure the attitude prior to beginning installation.

POST-INSTALLATION WARNINGS

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Headlight adjustment is highly recommended.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

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