

## ReadyLift® (Part# 69-4510) Lift Kit, Installation Instructions

2005-2008 Nissan Frontier 4wd/2wd

Please read instructions thoroughly and completely before beginning installation.  
Installation by a trained mechanic is recommended.

Check [www.readylift.com](http://www.readylift.com) for any updated installation instructions.

Position truck on a flat surface and lift vehicle by the frame until the front wheels are off the ground using a floor jack and support the frame with jack stands or a (2) two post lift if available.

1.

Remove front wheels.



2.

Disconnect lower sway bar end link on both sides.

Remove lower shock mounting nut and bolt.

Unbolt 12mm ABS line retaining bracket from spindle.

Remove and discard ball joint cotter pin.

Unbolt upper ball joint from spindle.

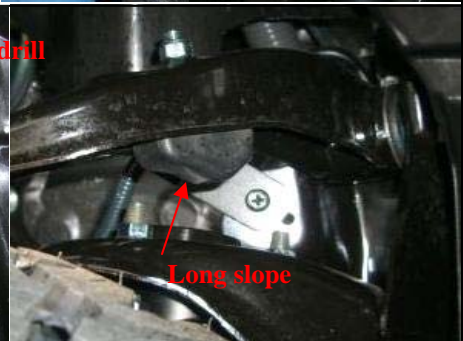
Remove the upper strut mounting nuts and remove strut from truck.



3.

Using an existing hole on the upper control arm, drill a 5/16 hole on the bottom side.

Install bump stop as shown.



ReadyLift Suspension Inc.

3201 W MacArthur Blvd, Santa Ana, CA, 92704

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

9/18/2008

## ReadyLift® (Part# 69-4510) Lift Kit, Installation Instructions

2005-2008 Nissan Frontier 4wd/2wd

**Please read instructions thoroughly and completely before beginning installation.**

**Installation by a trained mechanic is recommended.**

### 4. Install ReadyLift® strut extension.

Reinstall strut into factory location, place a jack under the lower control and raise it to so that you can reconnect the upper ball joint.

Reverse steps 1 & 2, be sure torque all fasteners to factory specs. Install new cotter pin.  
Repeat steps 1-4 on opposite side.



### 5. Rear Shackle Installation.

Lower and remove the spare tire.

Raise vehicle by the differential using a floor jack and support the frame using 3 Ton jack stands. Be sure to block the front wheels to prevent a rollout. The suspension needs to be at full droop when on the jack stands.

Remove the two 17mm nuts and side plate.

Remove the shackle.

Using a floor jack (a 12" jack extension or block of wood may be necessary), raise the back of the truck by the rear bumper until there is enough room to install the new ReadyLift® shackle.

\*Please note that the straight plate of the shackle mounts to the outside of the frame and the bent plate goes to the inside of the frame.

The order of install is:

Bolt > washer > bent plate > shackle and straight plate > washer > nylon locking nut.

Torque to 70ft/lbs.

Repeat on opposite side.



ReadyLift Suspension Inc.

3201 W MacArthur Blvd, Santa Ana, CA, 92704

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

9/18/2008

# READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 69-4510) Lift Kit, Installation Instructions

2005-2008 Nissan Frontier 4wd/2wd

Please read instructions thoroughly and completely before beginning installation.

Installation by a trained mechanic is recommended.

## Camber Bolt Installation.

Have your alignment technician install the ReadyLift® camber bolt kit when aligning the vehicle.

Alignment Specifications:

Caster Left	2.0	Camber Left	0.5	Toe Left	1/32"
Caster Right	2.0	Camber Right	0.7	Toe Right	1/32"

Max Tire size: 285/75R16 on the stock wheel. Minor trimming may be necessary.



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.



### **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 vehicles owners risk and may void any and all warranties in effect or implied by Ready-Lift®.

### Vehicle Handling Warning

Vehicles with larger wheels and tires will handle differently than stock vehicles. Take time to familiarize yourself with the 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.

ReadyLift Suspension Inc.

3201 W MacArthur Blvd, Santa Ana, CA, 92704

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

9/18/2008