



ReadyLift® (Part# 69-3010) Installation Instructions
2007-2009 GM 1500 6-Lug SUV
Avalanche, Tahoe, Suburban, Yukon/XL, Escalade

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.

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 Suspension 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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This ReadyLift® kit was designed for the 2007 and newer GM 1/2 ton series SUV's. The reason ReadyLift® made this kit adjustable is that these new vehicles have different ride heights from the factory. This kit will accommodate the differences between vehicles and allow you to level your SUV with whatever amount of rake it comes with.

1.

Position truck on a flat level surface and lift vehicle by the frame so that the front wheels are off the ground. Use a floor jack and jack stands or a (2) two post lift if available.

Remove the passenger side front wheel.



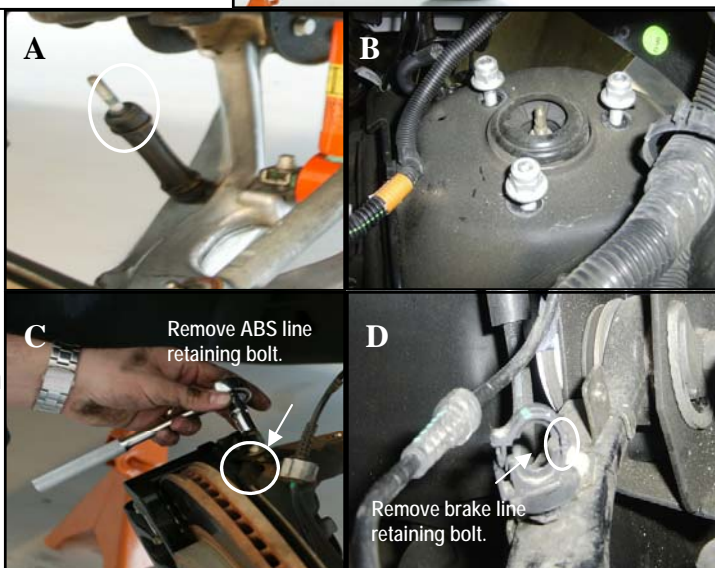
2.

Next unbolt the top of the sway bar end link (A).

Loosen but **DO NOT REMOVE** the three upper strut mounting nuts (B).

Remove the ABS line retaining bracket bolt located on the top of the spindle (C).

Remove brake line retaining bracket bolt on upper control arm and unhook ABS line from clasp (D).

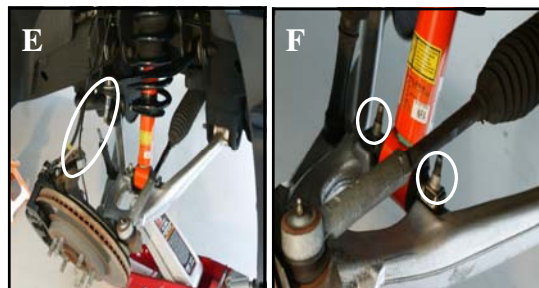


3.

Separate the upper ball joint from the knuckle. (E)

Remove the two lower strut mounting bolts. (F)

Vehicles with auto-ride, disconnect electrical connector located on the top of the shock. Remove the three upper strut mounting nuts. Remove the strut.



ReadyLift Suspension Inc.

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

7/18/2008



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4.

With the strut removed from the vehicle (Figure 1) slide one of the plates onto the top of the strut. Be sure to align section "A" (non-slotted holes) with the stud (Figure 2). Failure to do this will result in the part breaking under load and possible damage to factory parts, voiding any ReadyLift® warranty. Section "A" is also the tallest section of the plate (Figure 3).

Install the top plate (also has Section "A", "B", & "C"), depending on the amount of lift desired, you will need to match up the letters as shown in Figures 4, 5, & 6. Only the top plate needs to be rotated to adjust the height.

A to A = 1.5" of lift.

A to B = 1.25" of lift.

A to C = 1" of lift.

5.

Figure 1



Figure 2



Figure 3

Lower plate installed. Note that the tall sections are on the studs.



Figure 4

A-C Equals 1" at the wheel



Figure 5

A-B Equals 1.25" at the wheel



Figure 6

A-A Equals 1.5" at the wheel



Reinstall the strut assembly using the new nuts provided in the kit. Reinstall the upper ball joint nut, sway bar end link, ABS retaining bracket, brake line retaining bracket, and **AUTO RIDE** connector. It may be necessary to use a pry bar to aid in the reinstallation of the strut assembly, and a floor jack or jack stand to raise the lower A-arm in order to get the upper ball joint nut installed. Verify that all fasteners have been torqued to factory specs and reinstall wheel. Be sure to torque the lug nuts to the proper OEM specifications. Repeat steps 1 through 5 on driver side of vehicle.

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Alignment Specs

| | | |
|--------|-------|-----|
| Caster | Left | 3.4 |
| | Right | 4.0 |

| | | |
|--------|-------|-----|
| Camber | Left | 0.3 |
| | Right | 0.4 |

| | | |
|-----|-------|--------|
| Toe | Left | 1/ 32" |
| | Right | 1/32" |



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Position truck on a flat surface and lift vehicle by the frame so that the rear wheels are off the ground. Use a minimum 3 ton jack stands and place under frame for safety or a (2) two post lift if available. Make sure that the emergency brake is on and the front wheels are blocked to prevent a rollout.



1.

Remove the rear wheels. Unhook the ABS line located at the upper trailing arm mount on both sides.



2.

Unhook the ABS line at the frame on the both sides.



3.

For vehicles with Autoride, use a flat screw driver and pry the linkage off the upper trailing arm.



4.

Using a 13mm socket, remove the brake line support bracket bolt.



5.

Remove the hard brake line support bracket bolt located next to the lower track bar mount on the driver side.



6.

Unbolt the passenger side hard brake line support bracket bolt.



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7.



Remove the 13mm emergency brake line support bracket on the passenger side frame rail.

8.



Use a jack to support the axle, this will allow you to lower and raise the axle as you need during installation. Unbolt the lower sway bar end link on both sides with a 17mm wrench.

9.



Remove the 21mm lower shock mount bolt on both sides.

10.



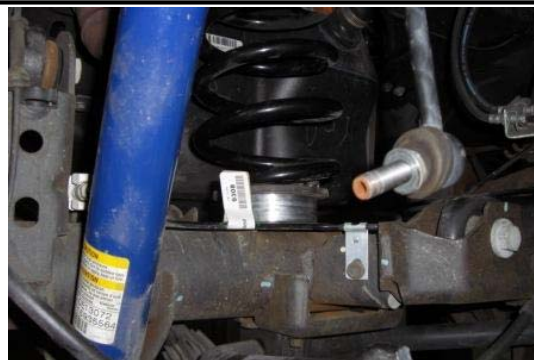
Slowly lower the axle and remove the rear coils and isolator pads. Place the ReadyLift 1" spacer on top of the axle perch.

11.



Install the coil isolator pad on the ReadyLift coil spacer

12.



Reinstall the coils. Reverse steps 1-9 for reassembly.



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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.

*It is also recommended that you adjust your headlights whenever your vehicle's ride height is



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.

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.

DRIVE SAFELY & WEAR YOUR SEATBELT.

Warning! This ReadyLift® 69-3010 Kit is designed and engineered to lift 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®. Headlight adjustment is highly recommended.