

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# 69-3070)

Colorado/Canyon/H3 2.25”F/1.5”R (Torsion Bar Only)

Installation Instructions

Please read instructions thoroughly and completely before beginning installation.

Check www.Readylift.com for any updated installation instruction.

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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Position truck on a flat surface and lift vehicle by the frame so that the front 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 rear wheels are blocked to prevent a rollout.

Bill of Materials

| Description | QTY |
|--|-----|
| Torsion Keys | 2 |
| .50" Tall Upper Shock Stem Extension (H3 Only) | 2 |
| Rear Lift Shackles | 2 |
| Rear Upper Shock Extension | 2 |
| M8-1.25 x 70mm Hex Head Bolt | 4 |
| M8 Flat Washer | 4 |

DF _____ PF _____

DR _____ PR _____

1.

Measure your vehicle before installation of this kit.
Measure from the lip of the rim up to the lip of the fender.

H3 Only



2.

Use a 15mm Wrench and a vise grip to remove the upper shock mounting nut. Remove the upper bushing and plate.

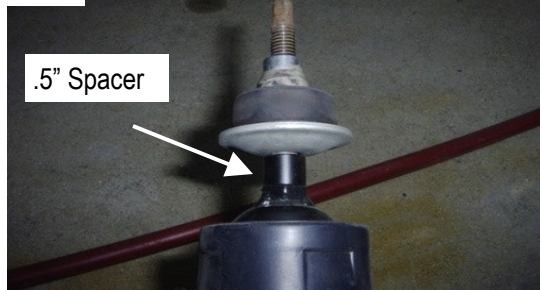
H3 Only



3.

Remove the lower shock mounting nut and bolt. Remove the shock from the vehicle. Remove the lower shock bushing and plate.

H3 Only



4.

Install the .5" tall spacer at the top and re-install the upper bushing and plate. Install the shock. Repeat on opposite side..

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5.



With the vehicle properly secured on a two post lift or Jack and jack stands, locate the torsion bar cross member.

6.



Measure the amount of thread is past the nut on each side. This will be your starting point with the ReadyLift key.

7.



Remove the torsion bar adjusting bolt and nut.

8.



Remove the torsion key.

9.



Install the Readylift torsion key.

10.



Install the torsion key adjusting bolt and nut. Tighten the bolt so the same amount of threads are protruding past the nut as when you measured.

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Rear Installation

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 and jack stands, place under frame for safety or use 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.

11.



For the Colorado/Canyon you will need to remove the spare tire to install the rear shackles.

12.



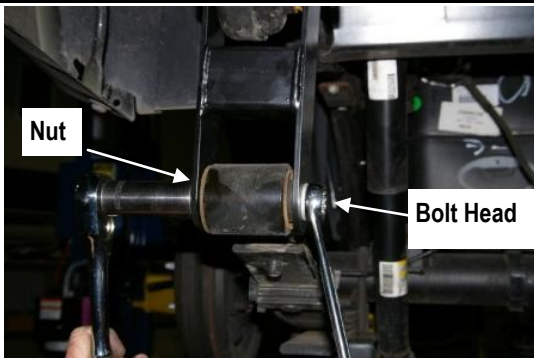
Use a jack to support the rear axle. This will allow you to raise and lower the axle during install. Unbolt the 13mm upper shock mounting bolts.

13.



Remove the 21mm upper and lower shackle nut and bolts.

14.



Lower the axle, install the rear shackle using the factory hardware. Be sure to install the bolts the same way you removed them. Tighten to factory spec.

15.



Install the supplied shock extension using the hardware provided. Tighten to 22 lb ft. Repeat on opposite side. Reinstall the rear wheels and spare tire.

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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 suspension parts.



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® 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-leaves, 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®.