



SUSPENSION INC.

ReadyLift® (Part# 69-3075)
Chevrolet Colorado & GMC Canyon
Installation Instructions

Please read instructions thoroughly and completely before beginning installation.
Check www.readylift.com for any installation instruction updates.
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 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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Bill of Materials

Hardware

<u>Qty</u>	<u>Description</u>
	Front Suspension Components and Hardware
2	LCA Strut Extension Plates with ear tab (L& R)
2	LCA Strut Extension Plates with ear tab and locating sleeve (L & R)
2	LCA Support Sleeve
2	M12 x 1.75 Hex Head bolt 70mm Class 10.9
4	M12 Flat Washer
2	M12 x 1.75 C-lock Nut
4	M14 x 2.0 Hex Head Bolt 80mm Class 10.9
8	M14 Flat Washer
4	M14 x 2.0 C-lock Nut
2	1/2" Upper Ball Joint Spacer
8	M8 x 1.25 Hex Head Bolt 40mm Class 10.9
16	M8 Flat Washer
8	M8 x 1.25 C-lock Nut
	Rear Suspension and Hardware
2	1.5" Rear Lift Shackle
2	Rear Shock Extension
4	M8 x 1.25 Hex Head Bolt 70mm Class 8.8
4	M8 Flat Washer

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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 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.



1.

Remove the front wheels. Unclip the ABS line from the upper control arm.



2.

Unbolt the 13mm ABS line retaining bracket nut.



3.

Unbolt the 15mm upper sway bar end link nut. Separate end link from sway bar.



4.

Unbolt the 21mm tie rod end nut. Separate the tie rod end from the steering knuckle.



5.

Remove the 21mm lower shock mounting nut and bolt.



6.

Remove the four upper ball joint nut and bolts. Use a 12mm on the bolt and a 13mm on the nut.

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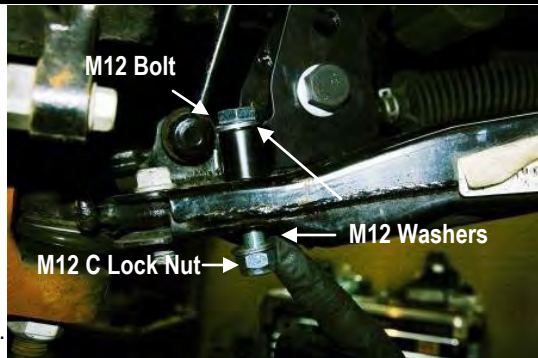
7. Remove the three upper strut mounting nuts, lower mounting bolt, and remove the strut.



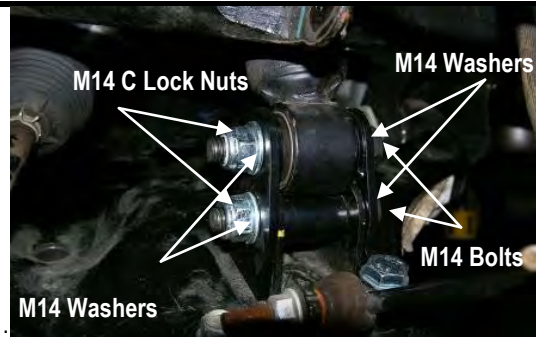
8. Remove the lower ball joint nut and bolt located behind the sway bar end link. Install the lower shock mount steel sleeve supplied in this kit.



9. Install the lower shock extension plates, M14 bolt, two M14 washers, and M14 c-lock nut. Make sure the welded ears face inwards. Do not tighten.



10. Install the M12 bolt, two washers, and c-lock nut. Do not tighten.



11. Reinstall the strut and the three upper nuts, but do not tighten. Install the supplied M14 bolt, washers and c-lock nuts. Tighten to factory specs.



12. Position a jack under the lower control arm and raise the lower control arm until you can reinstall the upper sway bar end link. Tighten to specs.

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13.

1/2" Ball joint spacer

Raise the lower control arm so that you can install the supplied 1/2" ball joint spacer, factory ball joint, and hardware provided. Tighten to factory spec.



14. Reinstall tie rod end and ABS line support bracket, tighten to factory specs. Tighten the three upper strut mounting nuts, lower strut and extension mounting nuts and bolts. Reconnect the ABS line clips to the upper control arm. Repeat on opposite side, reinstall the front wheels.

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.



1.

Remove the rear wheels and the spare tire. This will allow you to remove the shackle bolts.



2.

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.



3.

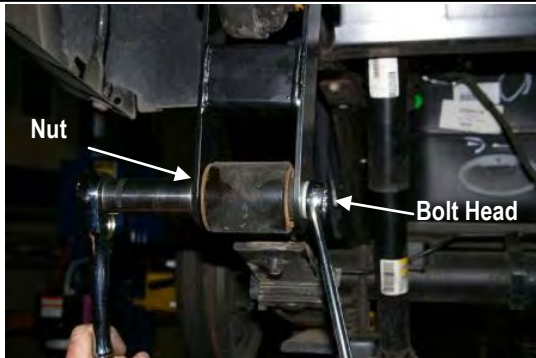
Remove the 21mm upper and lower shackle nut and bolts.

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4.

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.



5.

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.

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.



After ReadyLift® 69-3075 SST Kit. Raceline Renegade 6 wheels 16x8 0 offset on 255/70R16 All-Terrain Tires

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

Warning! This ReadyLift® 69-3075 Kit is designed and engineered to lift and level 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®.