

READYLIFT®

SUSPENSION INC.

ReadyLift® (Part# T6-3085) 2.25" Leveling kit Chevrolet/GMC/Cadillac GMT900 6-Lug 2/4WD (All cabs)

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 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 so as to not blind other drivers..**
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 2 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
2PC. 2.25" Tall CNC Billet Aluminum Extended Strut Spacer	2
M10-1.5 x 65mm Allen bolts	6
M10-1.5 serrated flange nuts	6

* Two, minimum 2 ton, jacks are recommended to make installation safe and easier.

Begin by placing vehicle on level working surface and take an initial measurement.



View of front suspension (driver side Shown).

Support vehicle on jack stands and remove front wheels/tires



Disconnect sway bar endlinks from below on both dr./pass. side of vehicle as shown.

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Remove ABS/brake line bracket from upper control arm.



Shows removal of ABS bracket bolt on top of spindle.



Loosen upper ball joint nut but leave a few threads engaged.



Should look like this for the next step. Note gap with nut flush with ball joint stem.



Carefully but with force strike spindle as shown to break loose ball joint.



Now support suspension with floor jack or equivalent and raise slightly to remove pressure from ball joint.

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Now remove ball joint nut and separate from spindle, by slowly lowering jack. Note: Be careful of ABS/brake lines.



Remove both lower coil-over mounting bolts.



On top on coil-over mount there are (2) clips on the mounting studs. Remove both clips.



Picture shows rearward most retaining clip.



Now remove upper coil-over mounting nuts (3) per side. Be careful when removing final nut, coil-over is heavy and will fall out. Could use jack to support lower mount.



Remove coil-over assembly from vehicle.

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Secure coil-over/strut assembly in vice or appropriate strut compressor.



Compress coil spring with proper tool and relieve pressure from upper mounting hat.



Reference photo: **Caution: Spring is under extreme pressure!**



Note: Gap between isolator and upper plate signifies coil is compressed enough.



Note: "Clocking" position of parts before removal. Mark for reassembly.



Remove nut from center shaft.

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Remove upper steel mounting hat.



Next remove foam bumpstop from mounting hat.



Remove (3) pressed in studs from mounting hat. They will not be reused.



Pry two halves of the mounting hat apart to expose rubber bushing inside.



Remove inner rubber bushing as shown, it will be re-used in the T6-3085 billet extended mounting hat..



Shown, T6-3085 billet 2pc spacer and hardware, available in (4) colors.

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Place rubber bushing in between new billet spacer same as factory.



Align to halves and insert new mounting studs through the bottom and tighten. Bolts should be countersunk when tight.



Pictured assembled upper mounting hat. Top view.



Reinstall OE foam bumpstop as factory.



Reinstall T6 billet mounting hat as factory and align with mark as indicated. Should face outward in vehicle.



Reinstall factory hardware and tighten to factory specs.

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Reinstall coil-over assembly into vehicle and secure with factory hardware top and bottom, tighten to factory specs. Replace retaining clips on studs.



Using a floor jack or equivalent, raise lower control arm enough to allow upper ball joint to be reattached. Use a pry bar to push down upper control arm and install nut.



Side view shows nut threaded on.



Tighten to factory specs. Note you may need to hold the ball joint stem while tightening as shown. Repeat these steps on the opposite side.



With both sides complete reinstall ABS/brake lines brackets and both sway bar endlinks.



Install tires/wheels lower vehicle torque lug nuts, align, and measure for the finale.

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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-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®.