



SUPERLIFT®

S U S P E N S I O N

Superlift 2" lift system for 2000- and Newer CHEVROLET 1/2-TON TAHOE / AVALANCHE / SUBURBAN 4WD REAR INSTALLATION INSTRUCTIONS

INTRODUCTION

Installation requires a professional mechanic. Prior to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the suspension link arms and bushings, anti-sway bars and bushings, tie rod ends, pitman arm, ball joints and wheel bearings. Also check the steering sector-to-frame and all suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition; repair or replace all worn parts.

Read instructions several times before starting. Be sure you have all needed parts and know where they install. Read each step completely as you go.

NOTES:

- Prior to beginning the installation, check all parts and hardware in the box with the parts list below. If you find a packaging error, contact Superlift directly. Do not contact the dealer where the system was originally purchased. You will need the control number from each box when calling; this number is located at the bottom of the part number label and to the right of the bar code.
- This form details rear lift installation only. Refer to the front lift system instructions for the complete front installation procedure.
- An arrow on diagrams indicates which direction is toward the front of the vehicle.
- A foot-pound torque reading is given in parenthesis () after each appropriate fastener.
- Do not fabricate any components to gain additional suspension height.
- Paint or undercoat all exposed metal surfaces.
- Prior to attaching components, be sure all mating surfaces are free of grit, grease, undercoating, etc.
- A factory service manual should be on hand for reference.
- Use the check-off box "☐" found at each step to help you keep your place. Two "☐☐" denotes that one check-off box is for the driver side and one is for the passenger side. Unless otherwise noted, always start with the driver side.

PARTS LIST ... The part number is stamped into each part or printed on an adhesive label. Identify each part and place the appropriate mounting hardware with it.

PART NO	DESCRIPTION (Qty.- if more than one)	NEW ATTACHING HARDWARE (Qty.- if more than one)
01-3363	(2) coil spring spacer	

INSTALLATION PROCEDURE**29) PREPARE VEHICLE...**

- ☐ Raise the rear of vehicle with a jack and secure a jack stand beneath each frame rail, just in front of the trailing arm mounts. Ease the frame down onto the stands, place transmission in low gear or "park", and chock the front tires. Leave the jack so that it supports, but does not raise, the rear axle. Remove the rear tires.

30) TRACK BAR...

- ☐ Pop loose the metal clips holding the emergency brake cable to the track bar and let the cable hang.
- ☐ Remove the lower track bar bolt that attaches the track bar to the axle. Tie the track bar out of the way and save the hardware for reuse.

31) ANTI-SWAY BAR LINKS AND SHOCKS...

- ☐ On each side, unbolt the factory anti-sway bar links from the frame. Save all hardware for reuse.
- ☐ On each side, unbolt the lower end of the shocks from axle but leave the upper end attached to the frame. Save all hardware for reuse.

32) COIL SPRING SPACERS...

- ☐ Lower the axle with the jack enough to facilitate installing the #01-3363 coil spring spacers. Verify that the factory rubber isolator stays in the upper spring pocket on the frame. Position the #01-3363 spacers on top of the coil springs with the lip in the center of the spacer pointing downward.
- ☐ raise the axle enough to seat the spacers in the upper spring pockets on the frame. Verify that the spacer is properly aligned with the coil spring and the rubber isolator in the upper spring pocket. For clarification, the factory isolator should be positioned between the #01-3363 spacer and the frame.

33) FINAL PROCEDURES...

- ☐ Re-attach the anti-sway bar links to the frame using the factory hardware and tighten (57).
- ☐ Re-attach the shock absorbers to the axle mounts using the factory hardware and tighten to factory specifications.
- ☐ Reinstall the rear tires and wheels per front installation instructions and lower the vehicle to the floor.
- ☐ With the vehicle on the ground, connect the lower end of the track bar to the track bar bracket on the axle using the factory hardware and tighten (140).
- ☐ Reattach the emergency brake cable clips to the track bar.
- ☐ Refer to front installation instructions for final clearances and torque checks.

IMPORTANT PRODUCT USE INFORMATION

As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in roll over resistance by increasing tire track width. In other words, go "wide" as you go "tall". Many sportsmen remove their mud tires after winter / hunting season and install ones more appropriate for street driving; always use as wide a tire and wheel combination as possible to enhance vehicle stability.

We strongly recommend, because of roll over possibility, that the vehicle be equipped with a functional roll bar and cage system. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performances and capabilities are decreased when significantly larger / heavier tires and wheels are used. Take this into consideration while driving.

Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the Superlift product purchased. Mixing component brands is not recommended.

Most states have some type of law limiting vehicle height. The amount of lift allowed, and how the lift may be achieved, varies greatly. Several states offer exemptions for farm or commercially registered vehicles. It is the owner's responsibility to check state and local laws to ensure that their vehicle will be in compliance.

Superlift makes no claims regarding lifting devices and excludes any and all implied claims. Superlift will not be responsible for any altered product or any improper installation or use of our products.

We will be happy to answer any questions concerning the design, function, and correct use of our products.

IMPORTANT MAINTENANCE INFORMATION

It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, along with wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

NOTICE TO DEALER AND VEHICLE OWNER

Any vehicle equipped with a Superlift lifting device must have the enclosed "Warning to Driver" decal installed on the inside of the windshield or on the vehicle's dash, within driver's view. The "Warning to Driver" decal is to act as a constant safety reminder for whoever may be operating the vehicle. The WARRANTY IS VOID unless this decal is in place. **INSTALLING DEALER...** It is your responsibility to install warning decal and forward these installation instructions to the vehicle owner for review of warnings, product use and maintenance information. Replacement warning decals are available free upon request. These instructions are to be kept with the vehicle registration papers and owners manual for the service life of the vehicle.

SUPERLIFT LIMITED LIFETIME WARRANTY

Suspension products bearing the Superlift (LKI Ent.) name are warranted for as long as the original purchaser owns the vehicle that the LKI product was originally installed on. This warranty is non-transferable. Warranty covers only the product, no labor, time loss, or freight incurred. Any product that has been abused, altered, incorrectly installed, or used in competition is not covered. Product finish, spring bushings, Polyurethane products, and normal wear is not covered. The LKI product is subject to replacement or repair. No other warranties are expressed or implied. An authorized Superlift dealer must inspect the part in question and confirm that the "Warning to Driver" decal is properly displayed. A copy of the sales invoice is required for warranty consideration.

SUPERLIFT SUSPENSION SYSTEMS

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