



SUPERLIFT[®]

S U S P E N S I O N

Superlift Transmission Drop Bracket for 2003 and 2013 Dodge Ram 2500 / 3500 4WD with 6" Lift System 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:

- The procedure below covers the installation of the Superlift transmission drop bracket for the make, model, and year vehicles listed above. This should only be used on vehicles equipped with a 6" lift system. Refer to the main instructions for complete lift system installation.
- A foot-pound torque reading is given in parenthesis () after each appropriate fastener.
- Do not fabricate any components to gain additional suspension height.
- 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.

Only one of the part numbers below will be used.

PART NO	DESCRIPTION (Qty.- if more than one)	NEW ATTACHING HARDWARE (Qty.- if more than one)
55-12-4660	2003-2005 transmission drop bracket, V10 / diesel	(2) 10mm nut
55-18-4660	2006-2007 transmission drop bracket, 5.9L diesel	(2) 10mm nut
55-16-4660	2007-2013 transmission drop bracket, 6.7L diesel	(2) 10mm nut
55-13-4660.....	2003-2005 transmission drop bracket, gas V-8	(2) 10mm nut
55-19-4660.....	2006-2013 transmission drop bracket, gas V-8	(2) 10mm nut

INSTALLATION PROCEDURE

1) PREPARE VEHICLE...

Place vehicle on level ground and put the transmission in “Park” or Low gear. Set the parking brake.

Loosen, but do not remove, any exhaust and intercooler clamps / bands that may be affected by the change in position of the powertrain. Be especially mindful of turbo couplings, if applicable.

NOTE: Depending on the vehicle’s year, model, and powertrain combination, there may be some minor modifications required in order to gain an adequate amount of slack or clearance for electrical wires, linkages, plumbing, and exhaust connections between the powertrain and the frame. Before you begin, closely examine all connections running between the powertrain and the frame and loosen or disconnect any lines, hoses, or linkages that you suspect might not have adequate length or clearance once the transmission has been relocated. Make a list of all connections affected so that so that you will have a checklist of things to address once installation is complete.

2) TRANSMISSION DROP BRACKET INSTALLATION...

Place a jack under the transmission and raise it enough to relieve the weight on the crossmember and supports.

- WARNING:** Do not leave the powertrain unsupported at any time while installing the transmission drop bracket or damage to various components will result.
- Note the orientation of the transmission bracket, then remove the bolts securing the bracket between the transmission and the rubber transmission mount on the crossmember.
- Install and secure the Superlift transmission drop bracket to the transmission and secure using the factory hardware (50).
- Lower the jack until the bracket rests against the transmission mount and crossmember. Place the remaining bolts through the crossmember and bracket, then secure using the supplied 10mm nuts (50).
- Check for adequate clearance between the engine's fan and the fan shroud, radiator, and all other under hood components. Make any necessary modifications to ensure the fan operates without any obstructions.
- Using the checklist made earlier, relocate or re-route all hoses, linkages, and wires as necessary in order to ensure an adequate amount of slack in these components between the frame and the transmission in its new location. Tighten all fittings and clamps, and top off fluids as necessary.
- Start the engine and double-check fan clearance as well as any fittings for signs of leakage and tighten or repair as necessary.

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.

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 owner's 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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