

**SUPERLIFT SUSPENSION SYSTEMS**

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## **Superlift Adjustable Track Bar 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:**

- This product is intended to center the frame / body in relation to the front axle tires.
- 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.
- 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.

## **INSTALLATION PROCEDURE**

### **1) PREPARE VEHICLE...**

- ☐ Place vehicle in neutral. Raise front of vehicle with a jack and secure a jack stand beneath each frame rail, behind the lower control arms. Ease the frame down onto the stands, place transmission in low gear or "park", and chock rear tires. Remove front tires.
- ☐ Prior to removing the bar, inspect the attaching points for movement while moving the steering wheel slightly from left-to-right. The bar-to-axle mounting stud is prone to work loose while the frame mounting bracket holes tend to elongate. If any of these conditions exist, repair before proceeding. Looseness can cause tire / wheel shimmy.
- ☐ Remove the factory track bar from the vehicle and discard.

**2) TRACK BAR INSTALLATION...**

- ☐ With the track-bar off of the vehicle, center the frame / body over the axle / tires by simply turning the steering wheel. An accurate centering method is to position a bubble-level vertically at the wheel well's center, to act as a fender reference plane. Then, on each side, measure from it to the tire's outer sidewall. Shift the frame / body, via the steering wheel, so that each side's measurement is the same.
- ☐ With the axle centered under the vehicle, measure the eye-to-eye distance of the track bar mounts on the vehicle, then adjust the new track bar length accordingly.

**NOTE:** Maximum exposed thread length is 3" Generally, this allows for up to 9" of suspension lift on pickups or 6" of lift on early model Broncos

- ☐ Insert the furnished Polyurethane bushings / steel wear sleeves into the appropriate bar eyes using a silicone-based grease.
- ☐ Install bar with the adjustable end towards the frame. The bar's main bend points toward the front of vehicle in order to clear the front differential.

**3) FINAL PROCEDURES...**

- ☐ Re-check body alignment as per step (2).
- ☐ Tighten the bar's jam nut. Install the attaching points, castlelled nuts, and cotter pins

**NOTE:** Check jam nut tightness periodically. If vehicle is operated while the nut is loose, thread wear will occur.

**4) FINAL CLEARANCE and TORQUE CHECK...**

- ☐ With vehicle on floor, cycle steering lock-to-lock and inspect the tires / wheels, and the steering, suspension, and brake systems for proper operation, tightness, and adequate clearance.

**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.