

**SUPERLIFT SUSPENSION SYSTEMS**

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## 1998 and Newer Ford Ranger 4WD Rear Block Kit Installation Instructions

**INTRODUCTION**

Installation requires a professional mechanic. Prior to beginning, check 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:**

- A factory service manual must be on hand. The manual will contain fastener torque specifications, assembly techniques, and / or special tool requirements that are unique to this particular year and model vehicle.
- Do not add or fabricate any components to gain additional suspension height.
- Prior to attaching components, be sure all surfaces are free of grit, grease, undercoating, etc.
- Use the check off box "☐" found at each step to help you keep your place. Two "☐☐" denotes that one box is for the driver side and one is for the passenger 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)
various depending on lift height	rear lift block	(4) 1/2" x 2-7/8" x various lengths U-bolt (8) 1/2" Nyloc nut (8) 1/2" extra thick U-bolt washer
55-17-9630	brake hose relocation bracket, rear	
55-18-9630	compression travel stop relocation bracket, rear	(2) 3/8" x 1-1/4" bolt (2) 3/8" Nyloc nut
0045	decal, Superlift oval	
00461	decal, warning to driver	

Brackets to relocate the brake hose and the compression travel stops are included with all Ranger block kits. They are not needed unless total lift height exceeds 2". For example, if you are installing a 1.5" or 2" block kit only, the extra parts are not needed. But, they are needed if you use an add-a-leaf in conjunction with the block kit.

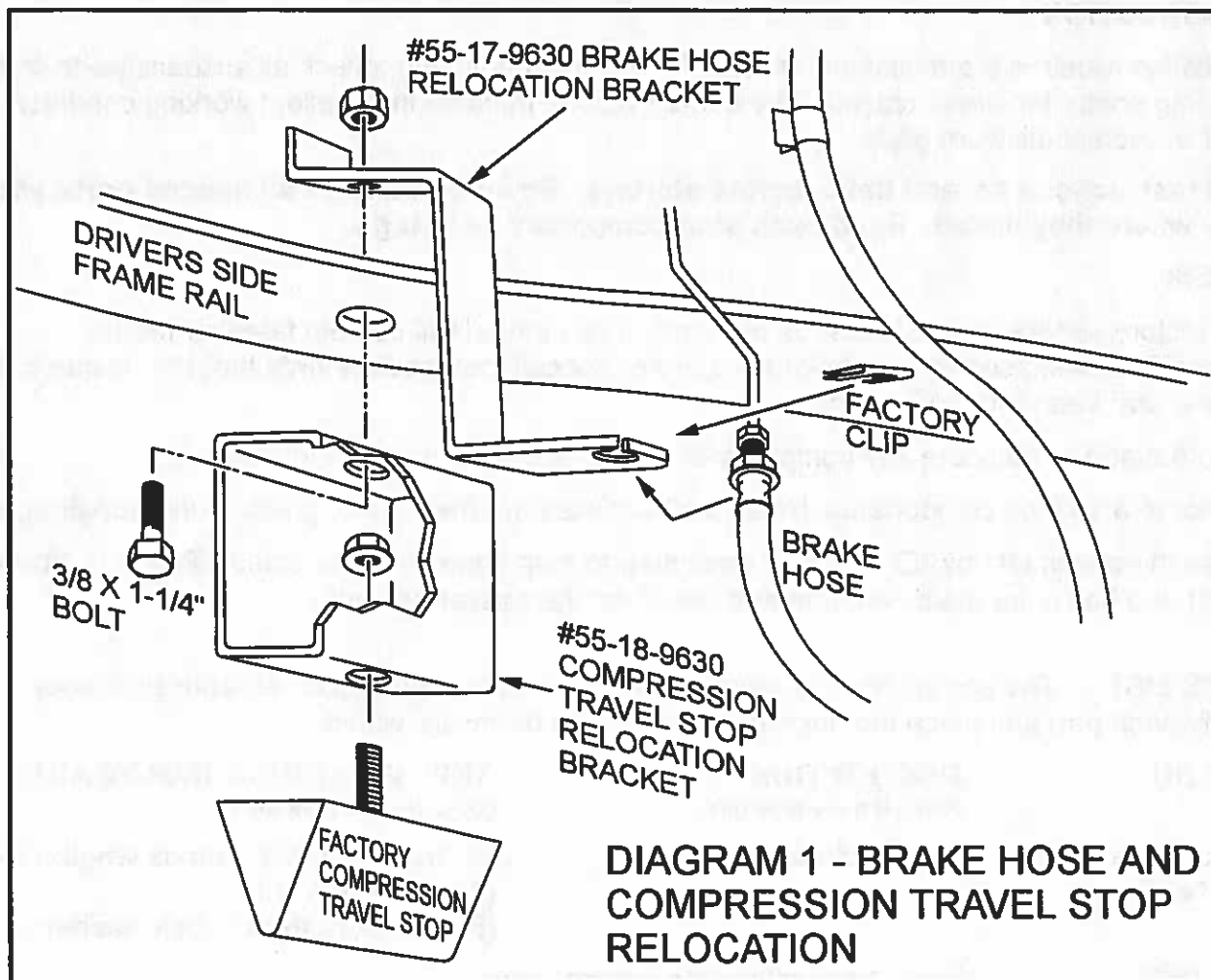
**1) PREPARE VEHICLE...**

☐ Raise rear of vehicle with a floor jack centered under the rear axle. Secure jack stands under the frame rails, a few inches in front of the springs' front hangers. Keep a slight load on the jack. Chock front tires to prevent accidental movement.

**2) BRAKE HOSE RELOCATION BRACKET #55-17-9630,****(2) COMPRESSION TRAVEL STOP RELOCATION BRACKET #55-18-9630...**

☐ [DIAGRAM 1] The Superlift "17" bracket replaces the factory brake hose bracket, as shown, where the upper end of the rubber hose mates to the metal line. Install the "18" compression travel stop relocation bracket on the driver side. The same 3/8" x 1-1/4" bolt (36) captures both brackets.

☐ Install the remaining Superlift compression stop relocation bracket on the passenger side.

**3) INSTALL BLOCKS...**

☐ Remove tires, shock absorbers, and U-bolts. Lower the axle by easing down the jack. Install the Superlift blocks between the leaf springs and the factory spacers. The tall end of the Superlift spacers face towards rear of vehicle. Install new U-bolts, washers and Nyloc nuts. Torque using a "X" tightening pattern (120).

**NOTE:** Do not place the Superlift blocks on bottom (between the axle and factory spacer); they will not seat properly.

**4) SUPERLIFT SHOCK ABSORBERS...**

☐ On both sides, install shock boot and decal. Install shocks and tighten upper / lower fasteners (39-53).

**5) TIRES / WHEELS...**

☐ ☐ [DIAGRAM 2] Tighten the lug nuts (100) in the sequence shown.

**WARNING:** When the tires / wheels are installed, always check for and remove any corrosion, dirt, or foreign material on the wheel mounting surface, or anything that contacts the wheel mounting surface (hub, rotor, etc.). Installing the wheels without the proper metal-to-metal contact at the wheel mounting surfaces can cause the lug nuts to loosen and the wheel to come off while the vehicle is in motion.

**WARNING:** Retighten lug nuts at 500 miles after any wheel change, or anytime the lug nuts are loosened. Failure to do so could cause wheels to come off while vehicle is in motion.

**6) CLEARANCE and TORQUE CHECK...**

☐ ☐ With the vehicle still on jack stands, and the suspension "hanging" at full extension travel, manually spin the tires while checking all components for proper operation and clearances. Retorque all fasteners.

**7) SAFETY DECAL...**

☐ Install "Warning to Driver" decal. Refer to the "NOTICE TO DEALER AND VEHICLE OWNER" section below.

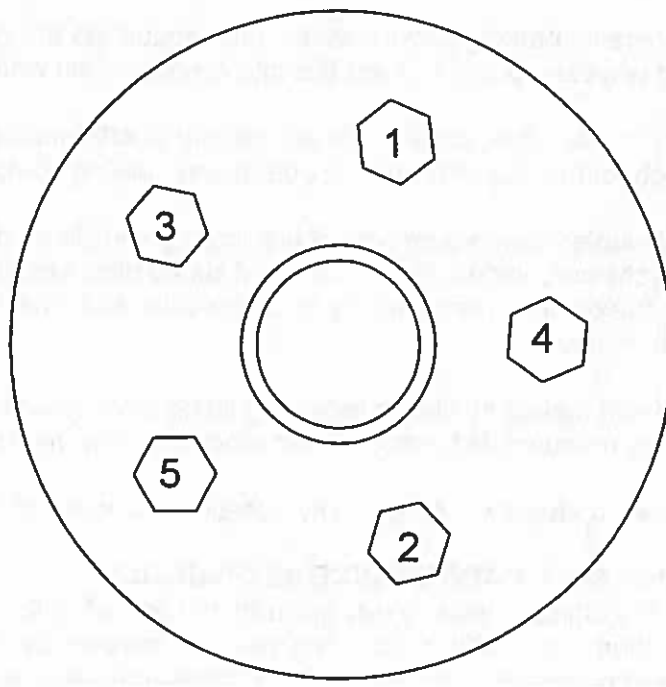
**8) FINAL CLEARANCE and TORQUE CHECK...**

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

**9) HEADLIGHTS...**

☐ Readjust headlights to proper setting.

**DIAGRAM 2 - FACTORY LUG NUT TIGHTENING SEQUENCE -**  
Torque factory lug nuts to 100 foot pounds in this sequence.



**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.