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# 2007-2018 JEEP WRANGLER JK Dual Steering Stabilizer Kit

Engineered for Both 2WD & 4WD models & Both 2-Door & 4-Door models 2007-2018 Jeep Wrangler JK - Including Rubicon

### INSTALLATION INSTRUCTIONS *WITH 1.5" of Lift or Higher*

#### CAUTION: MAKE SURE YOU HAVE THE CORRECT PRODUCT FOR YOUR VEHICLE: Double check the Year, Make, Model, Lift Height and KIT Part Numbers.

**NOTE:** Prior to beginning the installation, OPEN the Boxes and CHECK the Included Components Compared to the Parts Breakdown. Check all parts and hardware in the box with the parts list below. Be sure you have all needed parts and know where they install.

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.

#### INTRODUCTION

Installation requires a professional mechanic. Prior to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the track bar, 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.

#### **MOTES**:

- A torque specification in foot pounds is shown in parenthesis "()" after each fastener.
- A foot-pound torque reading is given in parenthesis () after each appropriate fastener.
- Prior to attaching components, be sure all mating surfaces are free of grit, grease, excessive undercoating, etc.
- A factory service manual should be on hand for reference. The manual will contain fastener torque specs, assembly techniques, and special tool requirements that are unique to this particular year and model vehicle.
- Retain all factory hardware for reuse, unless otherwise specified.

#### **BEFORE YOU DRIVE...**

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 components for clearance.

Test and inspect brake system. 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.

Perform head light check and adjustment.

**WARNING:** 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, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

#### **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. Qty. DESCRIPTION	Qty. ATTACHING HARDWARE
55-01-92095 (1) bracket, steering stabilizer center axle	(2) 3/8" x 2-1/2 x 3-1/4"
	(2) 1/2" x 2-1/2" bolts
	(2) 1/2" SAE washers
	(2) 1/2" Nyloc nuts
55-02-92095 (1) bracket, steering stabilizer tie rod, DR side	(2) 3/8" x 1-1/2" x 2-316" ubolt
	(4) 3/8″ Flange nut
	(1) 1/2" x 2-1/2" bolt
	(1) 1/2" SAE washer
	(1) 1/2" Nyloc Nut
55-03-92095 (1) bracket, steering stabilizer tie rod, PA side	(2) 3/8" x 1-1/2" x 2-316" ubolt
	(4) 3/8″ Flange nut
	(1) 1/2" x 2-1/2" bolt
	(1) 1/2" SAE washer
	(1) 1/2" Nyloc Nut
Stabilizer part number depends on type ordered	(2) 01-60450 Sleeve

**NOTE:** Use the check-off box  $\Box$  found at each step to help you keep your place. Two  $\Box\Box$  denotes that one check-off box is for the Driver Side (Left) and one is for the Passenger Side (Right). Unless otherwise noted, always start with the Driver Side.

### INSTALLATION PROCEDURE

**<u>NOTE</u>**: Retain all factory components and hardware for reuse, unless otherwise specified.

#### 1) PREPARE VEHICLE...

□ Position the vehicle on a level surface with the front tires pointing straight ahead. Put the vehicle in park or First gear, set the emergency brake, and chock the rear wheels to prevent any possibility of movement. The vehicle should remain on the ground with the suspension "loaded" at normal operating weight to reflect the true ride height.

#### 2) REMOVE FACTORY STABILIZER...

Remove the factory steering stabilizer cylinder.

Remove factory cylinder-to-tie rod bracket.

#### 3) **STABILIZER CENTER AXLE BRACKET...**

Install the center axle bracket (55-01-92095) with the supplied  $3/8'' \times 2 \cdot 1/2'' \times 3 \cdot 1/4''$  u-bolts.

**NOTE:** The stabilizer's mounting tab should be above the tie rod. The Driver side edge of the bracket should be placed against the differential housing. Do not tighten at this time.



#### 4) **STABILIZER TIE ROD BRACKET...**

**NOTE:** The 1/2" bolt must be in position before the bracket is attached to the tie rod. The bolt cannot be installed after installing the bracket. The bracket is positioned behind the tie rod as shown.

Install the 1/2" x 2-1/2" bolt and washer in the tie rod bracket. These brackets are side specific depending on the type of stabilizers used: 2.5" White Body or 2.0" Bilstein.

2.5" White Body: #55-02-92095 Driver side and #55-03-92095 Passenger side

2.0" Bilstein: #55-02-92095 Passenger side and #55-03-92095 Driver side.

 $\square$   $\bowtie$  lace the tie rod bracket on the tie rod and secure with the supplied 3/8" x 1-1/2" x 2-3/16" u-bolts. Do not tighten at this time.

#### 5) **STABILIZER CYLINDERS...**

Install sleeves into the eye of the shaft end of both cylinders.

Attach the body end of the stabilizers to the top of the center axle bracket with the supplied 1/2" x 2-1/2" bolts, washers and nyloc nuts. The bolts should be inserted from the bottom. Snug but do not tighten the cylinders. Once the cylinders are in place, level the center axle bracket and tighten (30).

Position the tie rod brackets so that the center eye to center eye dimension of each cylinder will be 15-3/4" for white cylinders and 16-7/16" for Bilstein cylinders and tighten (30). Attach the shaft end of the stabilizers to the tie rod bracket and tighten (75).

Have an assistant cycle the steering lock to lock while you observe the steering stabilizer. Verify that the stabilizer operates smoothly and does not contact the steering linkage or other components. Also verify that the stabilizer does not "bottom" or "top" out, which will limit the steering before it contacts the steering stops. It may be necessary to adjust the position of the tie rod bracket until the necessary clearance / travel is achieved.

On vehicle with a 1.5-2" suspension, it may be necessary to adjust the drag link collar to allow for clearance between the pinch bolts and the cylinders.

Install stabilizer cylinder decals.

#### 6) FINAL CLEARANCE and TORQUE CHECK...

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 MAINTENANCE INFORMATION

**WARNING:** 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, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

#### LIMITED LIFETIME WARRANTY / WARNINGS

Your SUPERLIFT® product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty SUPERLIFT® makes in connection with your product purchase. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

#### SUPERLIFT, LLC, LIMITED LIFETIME WARRANTY

What is covered? Subject to the terms below, SUPERLIFT® will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the vehicle on which the product was originally installed. Your warranter is SUPERLIFT, LLC, doing business as SUPERLIFT® Suspension Systems ("SUPERLIFT®").

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What is not covered? Your SUPERLIFT® Limited Warranty does not cover products SUPERLIFT® determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, rod ends, etc.). Scratches or defects in product finishes (powder coating, plating, etc.).
- Damage to, or resulting from, the vehicle's electronic stability system, related components or other vehicle systems.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

Remedy Limited to Repair or Replacement. The exclusive remedy provided hereunder shall, upon SUPERLIFT's inspection and at SUPERLIFT's option, be either repair or replacement of the product covered under this Limited Warranty. Customers requesting warranty consideration should contact SUPERLIFT® by phone (1-800-551-4955) to obtain a Returned Goods Authorization number. All removal, shipping and installation costs are customer's responsibility.

If a replacement part is needed before the SUPERLIFT® part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrantable, you will be credited / refunded.

#### OTHER LIMITATIONS - EXCLUSION OF DAMAGES - YOUR RIGHTS UNDER STATE LAW

- Neither SUPERLIFT® nor your independent SUPERLIFT® dealer are responsible for any time loss, rental costs, or for any incidental, consequential or other damages you may have.
- This Limited Warranty gives you specific rights, and this is the only warranty SUPERLIFT® makes in connection with your product purchase. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. Some states do not allow limitations of how long an implied warranty lasts and / or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

#### IMPORTANT PRODUCT USE AND SAFETY INFORMATION / WARNINGS

**WARNING:** As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall"; always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover 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 performance and capabilities are decreased when significantly larger / heavier tires and wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

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.

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