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SUPERLIFT.COM

2021 JEEP GLADIATOR 2.5" Lift Kit INSTALLATION INSTRUCTIONS



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

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 BEFORE INSTALLATION:

Installation requires a professional mechanic. In addition to these instructions, professional knowledge of disassembly / reassembly procedures and post installation checks must be known. Prior to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the suspension link arms and bushings, sway bars and bushings, tie rod ends, pitman arm, idler 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. Read each step completely as you go. Be sure you have all needed parts and know where they install.

NOTE:

- Front end alignment is necessary.
- Tool size is given in brackets [] after each appropriate step.
- A foot-pound torque reading is given in parenthesis () after each appropriate fastener.
- Always wear safety glasses when using power tools.
- Prior to attaching components, be sure all mating surfaces are free of grit, grease, excessive undercoating, etc.
- Do not fabricate any components to gain additional suspension height.
- A factory service manual should be on hand for reference.
- Due to payload options and initial ride height variances, the amount of lift is a 'base figure'. Final ride height dimensions may vary in accordance to original vehicle stance.

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.
- 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.

TIRES AND WHEELS:

Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than oe, consider the additional stress you could be inducing on the oe and related components. **Stock 17", 18", and 20" wheels will fit on the vehicle once this suspension system is installed.** Any larger or wider tire and wheel combination other than listed will require vehicle trimming.

IMPORTANT DISCLAIMER:

The provided tire and wheel fitments are approximate. Actual dimensions of a given tire size can vary considerably from one brand to another. Manufacturers' wheel offset and backspacing measurement points are not always consistent. Backspacing greatly impacts tire-to-fender clearance when turning. Wheel width and backspacing influence whether the tires protrude past the fenders, and to what extent. Considering these important factors, we recommend that you fit-check your tire/wheel selection prior to purchasing.

HOW TO READ THE KIT BREAKDOWN CHARTS:

The 'K KIT BREAKDOWN' lists the part numbers, quantities, and part description of the boxes that are included in the k kit. The 'KIT BREAKDOWN' lists part numbers, quantities, and part description of the individual components and hardware bags that are included in each box.

K KIT BREAKDOWN

Kit Part Number	K1031		Kit Part Number	K1031F	
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
602	1	Coil Springs, Front	602	1	Coil Springs, Front
603	1	Coil Springs, Rear	603	1	Coil Springs, Rear
5821	1	Component Box w/Shock Brackets	5822	1	Component Box
			84172	1	FOX Shocks, Front and Rear

KIT BREAKDOWN

Kit Part Number	602		Kit Part Number	5822	
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
01-605	1	Coil Spring, Front Driver	55-06-5800	2	Bump Stop, Front
02-605	1	Coil Spring, Front Passenger	55-19-5825	2	Sway Bar Link, Front
			55-03-5830	2	Bump Stop, Rear
Kit Part Number	603		55-03-9068	2	Sway Bar Link, Rear
Part Number	Qty.	Part Description	77-5822	1	Hardware Bag, Nuts and Bolts
01-606	1	Coil Spring, Rear Driver	77-5823	1	Hardeare Bag, Bushings and Sleeves
02-606	1	Coil Spring, Rear Passenger			
Kit Part Number	5821		Kit Part Number	84172	
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
55-06-5800	2	Bump Stop, Front	985-24-177	2	FOX Shocks, Front
55-13-5825	2	Shock Spacer, Front	985-24-219	2	FOX Shocks, Rear
55-19-5825	2	Sway Bar Link, Front			
55-03-5830	2	Bump Stop, Rear			
55-04-5830	2	Shock Spacer, Rear			
55-03-9068	2	Sway Bar Link, Rear			
77-5821	1	Hardware Bag, Shock Brackets			
77-5822	1	Hardware Bag, Nuts and Bolts			
77-5823	1	Hardeare Bag, Bushings and Sleeves			

Step	Part Number	Qty. Per Kit	Description	New Attaching Hardware	Qty. Per Bracket	Hardware Bag Number
FRONT						
18	55-06-5800	2	Bump Stop, Front	3/8" x 1-3/4" Bolt, Coarse Thread	1	77-5822
				3/8" Washer, SAE	1	
				55-10-5800 - 3/8" Nut, Tab	1	77-5823
19	01-605	1	Coil Spring, Front DR. Side			
	02-605	1	Coil Spring, Front PA. Side			
23	55-13-5825	2	Shock Spacer, Front	24-5704 Sleeve, 0.75" OD x 1.50" Long	1	77-5821
				3/8" x 1" Bolt, Coarse Thread	1	
				3/8" Flange Nut, Coarse Thread	1	
				3/8" Washer, SAE	1	
				1/2" x 3-1/2" Bolt, Coarse Thread	1	
				1/2" Washer, SAE	1	
				1/2" Nut, Nyloc Coarse Thread	1	
OR						
28	985-24-177	2	FOX Shocks, Front			
33	55-19-5825	2	Sway Bar Link, Front	01-60418 - Bushing, Hourglass	2	77-5823
				24-5704 - Sleeve, 0.75" OD x 1.50" Long	2	
				12mm x 80mm Bolt, 1.75 Coarse Thread	1	77-5822
				12mm Flat Washer	2	
				12mm Nut, Nyloc Coarse Thread	1	
REAR						
16	01-606	1	Coil Spring, Rear DR. Side			
	02-606	1	Coil Spring, Rear PA. Side			
18	55-03-5830	2	Bump Stop, Rear	5/16" x 1-1/4" Bolt, Coarse Thread	2	77-5822
				5/16" Washer, SAE	2	
				5/16" Flange Nut, Coarse Thread	2	
19	55-04-5830	2	Shock Spacer, Rear	09-5830 Sleeve, 0.875" OD x 1.5625" Long	1	77-5821
				1/2" x 1-1/2" Bolt, Coarse Thread	1	
				1/2" Washer, SAE	2	
				1/2" Nut, Flange Coarse Thread	1	
				9/16" x 3-1/2" Bolt, Coarse Thread	1	
				9/16" Washer, SAE	1	
				9/16" Nut, Nyloc Coarse Thread	1	
OR						
24	985-24-219	2	FOX Shocks, Rear			
26	55-03-9068	2	Sway Bar Link, Rear	01-60419 - Bushing, Hourglass	2	77-5823
				24-5704 - Sleeve, 0.75" OD x 1.50" Long	2	
				12mm x 70mm Bolt, 1.75 Coarse Thread	2	77-5822
				12mm Flat Washer	1	
				12mm Nut, Nyloc Coarse Thread	2	
				1/2" Washer, USS	2	

FRONT ASSEMBLY

Save all factory components and hardware for reuse, unless noted.

1. Disconnect the battery.
2. Chock rear tires and place transmission in neutral.
3. Raise the front of vehicle with a jack and secure a jack stand beneath each frame rail. Ease the frame down onto the stands, place transmission in low gear for manual transmission or park for automatic.
4. Remove the front tires and wheels. [22mm]
5. [Illustration 1] Remove the factory hardware from the lower sway bar link mount at the axle mount. [18mm]
6. [Illustration 1] Remove the factory hardware from the upper sway bar link at the sway bar. [6mm allen; 18mm]
7. [Illustration 2] Remove the factory bolt and tab nut from the track bar at the lower axle mount. [21mm]

Illustration 1



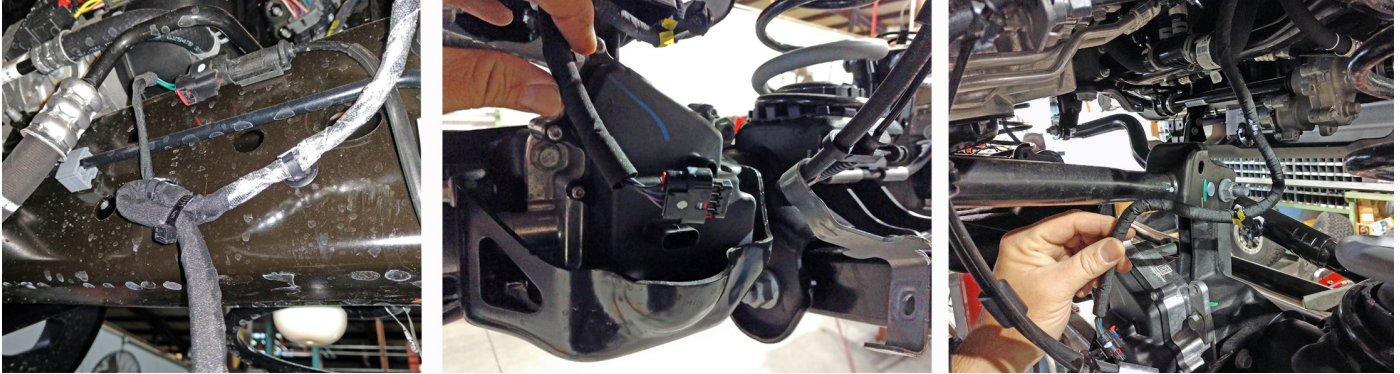
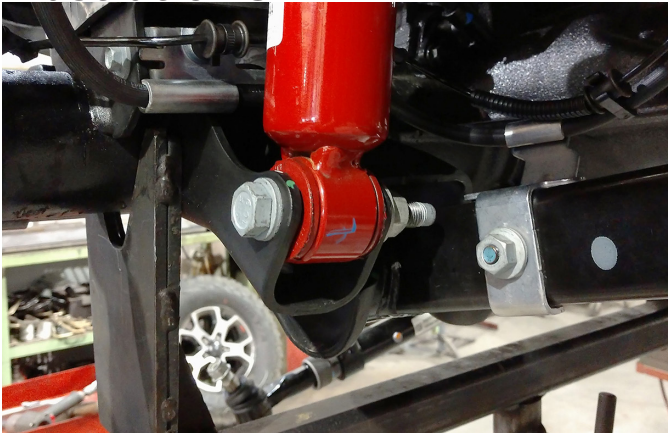
Illustration 2



8. [Illustration 3] **RUBICON MODELS** On the driver side located on the inner frame rail above the axle, unplug the harness plug. Unclip the wiring harness clips from the frame. [plastic fastener removal tool]
9. [Illustration 4] The center axle disconnect (CAD), must be disconnected on the passenger side located on the inner frame rail above the axle, remove the zip tie from the wiring harness. Unclip the wiring harness clips from the frame. [plastic fastener removal tool]
10. At the passenger side axle, unplug the CAD harness. Unclip wiring clips from front axle. [Plastic fastener removal tool] Make sure there is adequate slack on all wires.
11. [Illustration 5] On the both driver and passenger sides, remove the brake line bracket from the lower control arm. [15mm]

Illustration 3



Illustration 4**Illustration 5****Illustration 6**

12. [Illustration 6] Make an alignment mark on the front driveshaft and front differential input yoke, then remove the four bolts from the yoke. [15mm]
13. Remove the front driveshaft from the differential and secure the driveshaft safely up and out of the way.
14. [Illustration 7] Locate the brake line bracket attached on the driver side frame to the rear of the shock tower and unclip the axle vent hose clip from the brake line bracket, at the frame, and at the shock tower behind the wheel well. [plastic fastener removal tool]
15. [Illustration 8] NOTE: If you are installing the shock spacer kit, disconnect the lower shock mount only. Disconnect the shock from the upper and lower shock mounts and remove. [18mm]

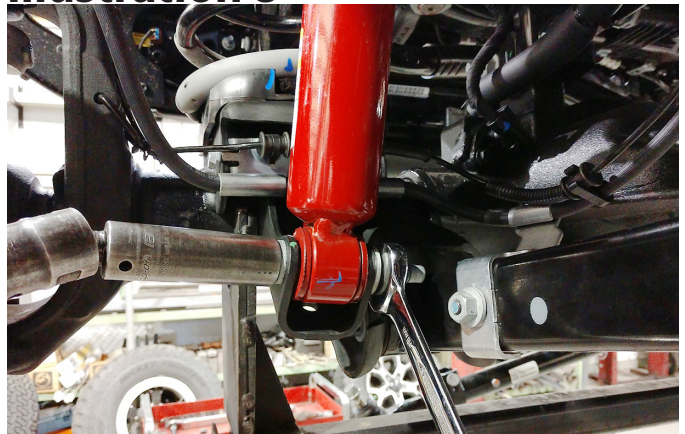
Illustration 7**Illustration 8**

Illustration 9

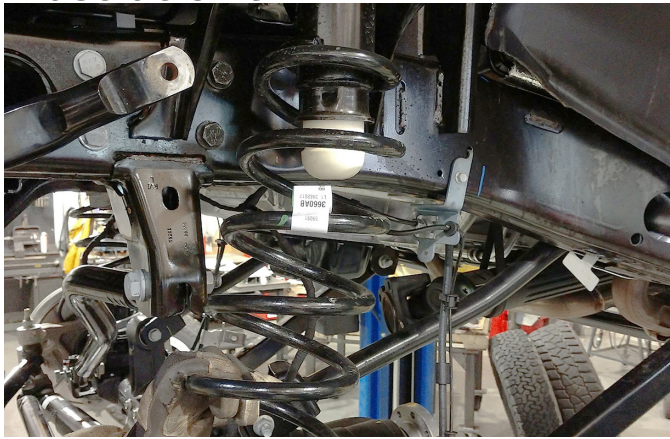
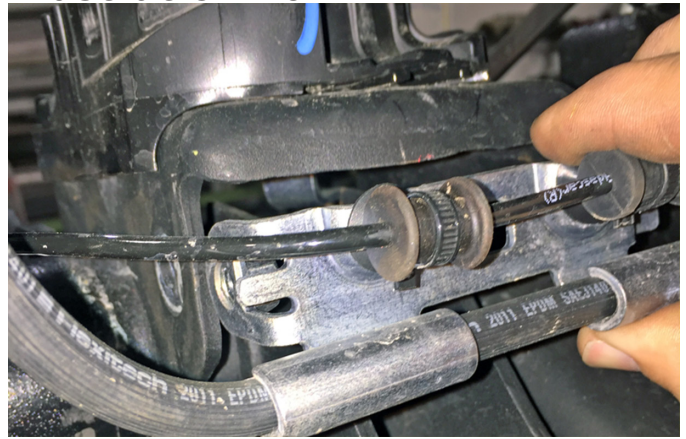
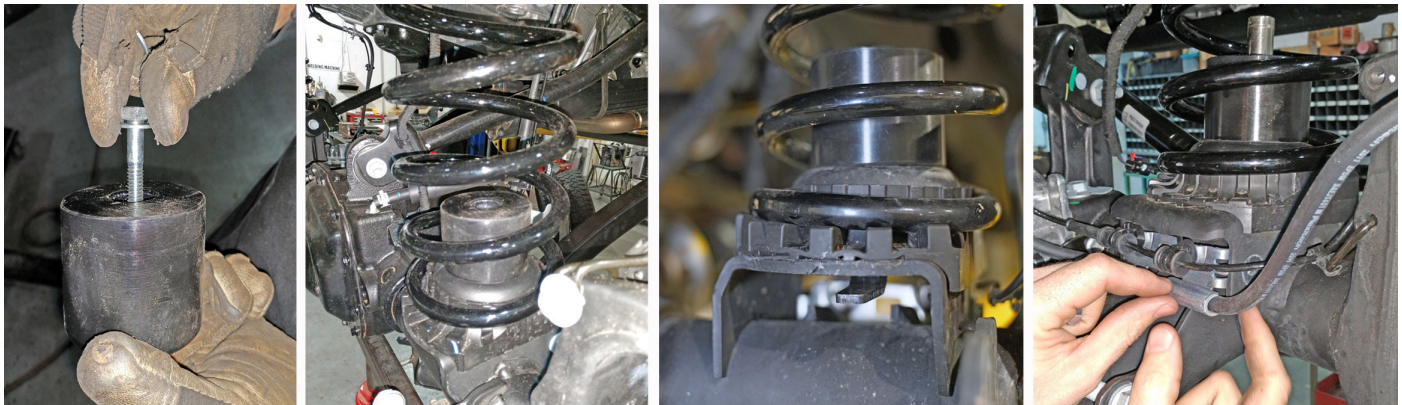


Illustration 10



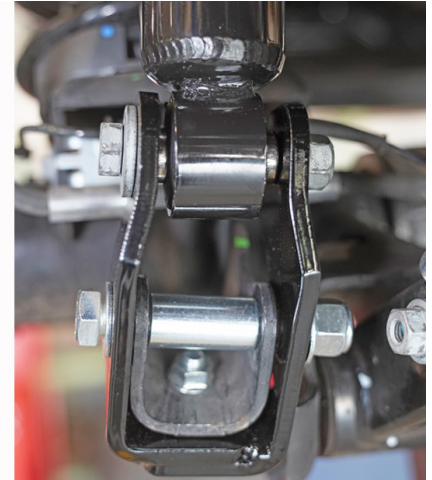
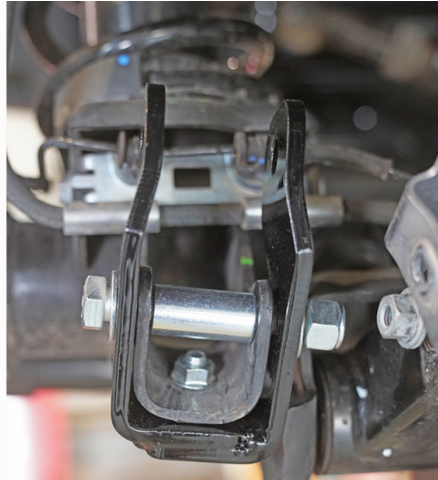
16. [Illustration 9] Lower the axle enough to facilitate removing the front coil springs and remove the coil springs.
17. [Illustration 10] Disconnect factory brake line bracket from axle coil spring seat. [10mm] NOTE: Do not over extend brake lines or ABS lines.
18. [Illustration 11] Locate the Superlift front bump stops (55-06-5800) and insert the 3/8" x 1-1/4" bolt and washer into the top of the bump stop noted by the recessed hole.
19. [Illustration 11] Locate the Superlift front coil springs (01-605 driver, 02-605 passenger), place the bump stop inside of the coil spring and install the front coil spring with the bump stop inside by placing the coil spring into the upper tower first. Make sure the coils are indexed so they seat properly then raise the axle enough to hold the coil springs in place.
20. [Illustration 11] Align the bump stop bolt into the factory hole in the center of the lower spring mount.
21. [Illustration 11] Reach under the spring mount pad and above the axle tube to start the new Superlift tab nut (55-10-5800) onto the bump stop bolt. Tighten. [9/16"] (25) NOTE: On the passenger side, it may be necessary to remove the bracket to install the tab nut; once bump stop spacer is tight, reinstall ABS line mounting bracket onto axle. [10mm]

Illustration 11



22. Reattach the factory brake line bracket to the axle coil spring seat using the factory hardware. [10mm]
23. **If you are installing FOX front shocks, proceed to step 26.** [Illustration 12] Swing the shock rearward and up out of the way, then place the Superlift front shock spacer (55-13-5825) on the factory shock mount pointing rearward and up. Secure using the supplied 3/8" bolt, washer and flange nut. [9/16"]

Illustration 12



24. [Illustration 12] Using the supplied 1/2" x 3-1/2" bolt and washer, secure the Superlift sleeve (24-5704) into the shock mount. Snug, do not tighten. [3/4"]

25. [Illustration 12] Position the factory shock into place and align with the upper hole of the spacer, secure with factory hardware with the bolt pointing inward. Snug, do not tighten. [18mm]
NOTE: Shocks will be tightened completely when the vehicle is set on the ground.



26. Skip to step 28, if shock spacers were installed.

[Illustration 13] Install the FOX front shocks (985-24-177) using the factory hardware at the upper shock tower mount. Tighten the upper hardware until bushings swell slightly. [18mm] NOTE: The upper shock mount has a factory fixed nut in place on the frame; be careful not to dislodge nor over tighten this nut.

27. Attach the shock at the lower mount at the axle using the factory hardware; snug, do not tighten [18mm]

28. On the driver and passenger side, reattach the brake line bracket to the lower control arm using the factory hardware. [15mm]

29. Re-clip the axle vent hose clip to the brake line bracket, frame, and shock tower.

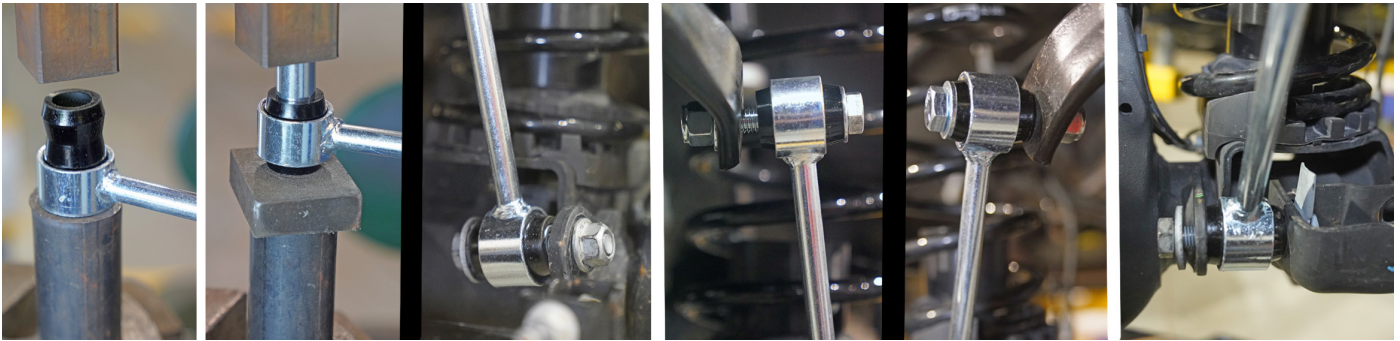
30. Apply thread locking compound to the factory driveshaft bolt threads before installation. Align mark on the front driveshaft and front differential input yoke then reconnect the front driveshaft. [15mm] (81)

31. RUBICON MODELS Reconnect the locker plug and re-clip to the frame.

32. At the passenger side axle, reconnect the CAD harness.

33. [Illustration 14] Lightly grease and install the hourglass shaped bushing and 0.750" OD sleeve into each end of the Superlift sway bar links (55-19-5825), then attach the upper sway bar link mount to the sway bar body using the supplied 12mm x 80mm bolt and washer with the bolt pointing inward. Tighten. [19mm]

Illustration 14

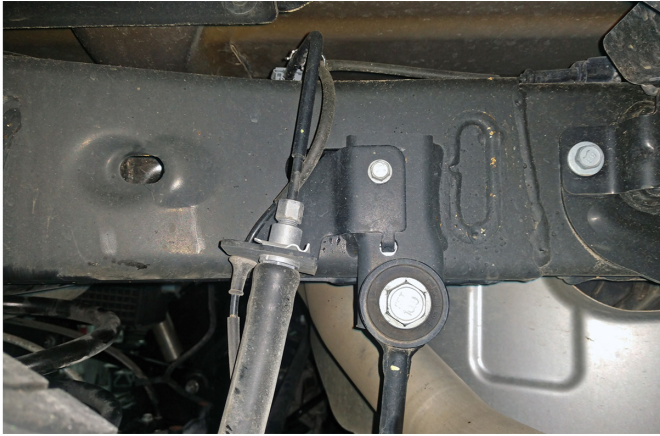
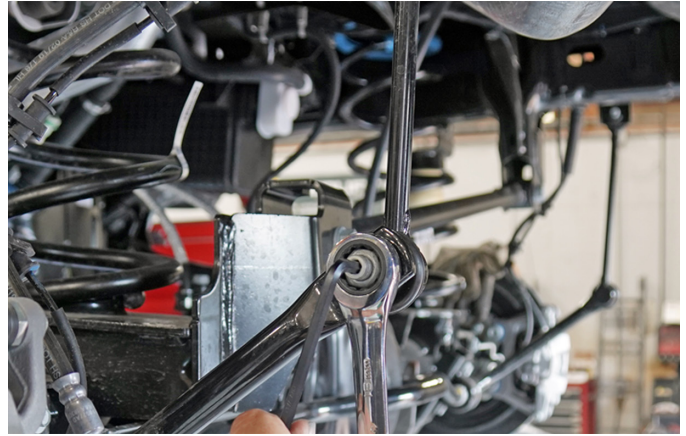


34. Install tires and wheels then lower vehicle to the ground. [22mm] (140)
35. Reconnect the front track bar in the factory location with the factory hardware. [21mm]
36. With the vehicle on the ground, cycle the steering lock-to-lock and check all components for proper operation and clearances. Pay special attention to the clearance between the tires and wheels, control arms, brake hoses, abs wiring, etc.
37. Final tightening and adjustments to the front suspension installation will take place once rear lift is completed.

REAR ASSEMBLY

Save all factory components and hardware for reuse, unless noted.

1. Chock front tires and place transmission in neutral.
2. Raise the rear of vehicle with a jack and secure a jack stand beneath each frame rail. Ease the frame down onto the stands, place transmission in low gear for manual transmission or park for automatic.
3. Support the rear axle with a hydraulic jack leaving plenty of room to lower the rear axle.
4. Remove the rear tires and wheels. [22mm]
5. [Illustration 1] Remove the factory brake line bracket from the outside frame rail, next to sway bar link mount. [10mm]
6. [Illustration 1] Disconnect the upper sway bar link at the outside frame rail. [21mm]
7. [Illustration 2] Disconnect the lower sway bar link at the sway bar body. [6mm Allen, 18mm]
8. [Illustration 3] **RUBICON MODELS** On the rear axle, unplug the locker wiring harness from the passenger side of the differential. [plastic fastener removal tool]
9. [Illustration 4] Disconnect the brake line bracket from below the bump stop mount pad at the axle, next to the coil spring mount. [10mm]
10. [Illustration 5] Disconnect the rear track bar from the driver side axle mount. [21mm]

Illustration 1**Illustration 2****Illustration 3****Illustration 4****Illustration 5**

11. If you are installing the shock spacer kit, disconnect the lower shock mount only. If replacing shock absorbers, remove shocks completely.

12. [Illustration 6] Disconnect the lower shock mount. [21mm]

13. [Illustration 6] Disconnect the upper shock mount. [21mm]

14. [Illustration 7] Loosen both the upper and lower link arms at the frame. [21mm, 24mm]

15. [Illustration 7] Mark the coil spring isolators as driver and passenger, as well as the orientation, then lower the axle and remove the rear coil springs and isolators.

Illustration 6

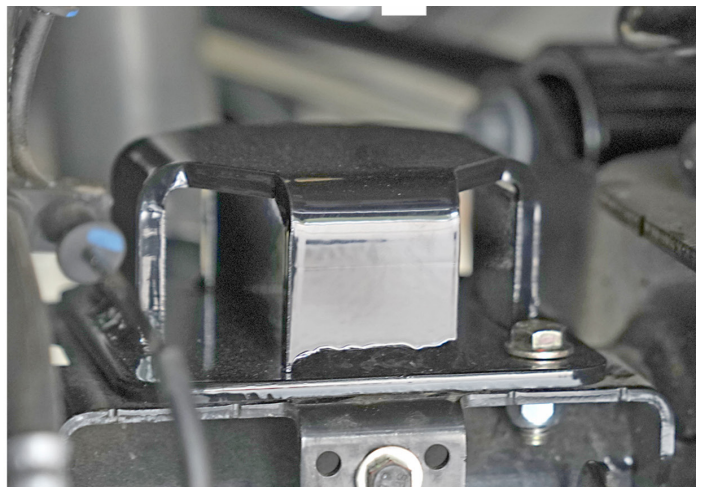
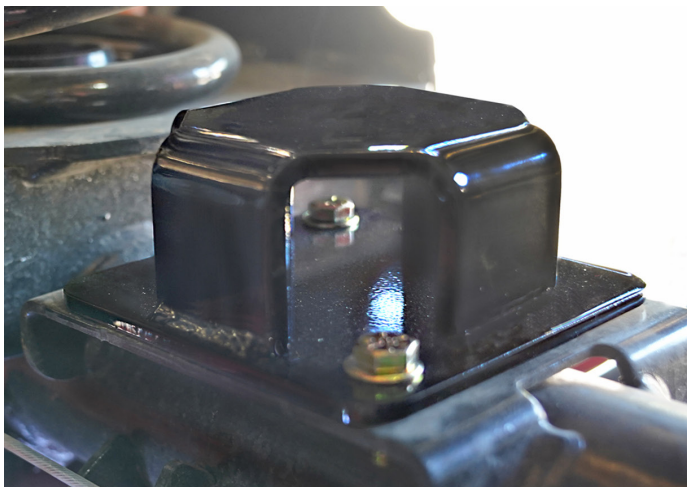


Illustration 7



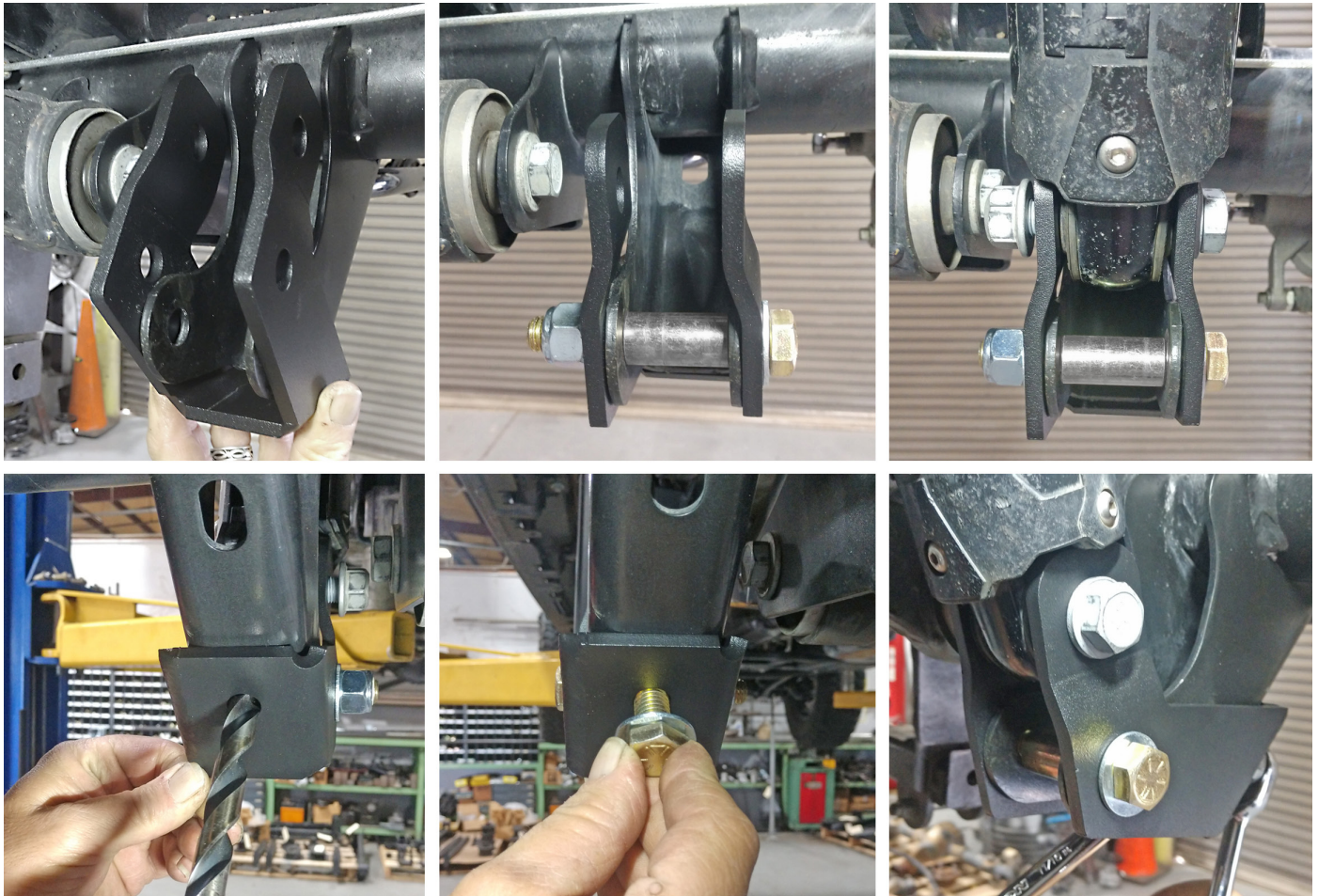
16. Locate the Superlift coil springs (01-606 driver, 02-606 passenger) and place the side specific coil spring isolators on the appropriate coil spring.
17. Place the coil spring and isolator into the factory mounts; make sure the isolator is indexed correctly and raise the axle enough to hold the coil spring in place.
18. [Illustration 8] Place the Superlift rear bump stop bracket (55-03-5830) onto the bump stop mount pad next to the coil spring mount. With the holes aligned, secure with the supplied 5/16" bolts, washers, and nyloc nuts. [1/2"] (20)

Illustration 8



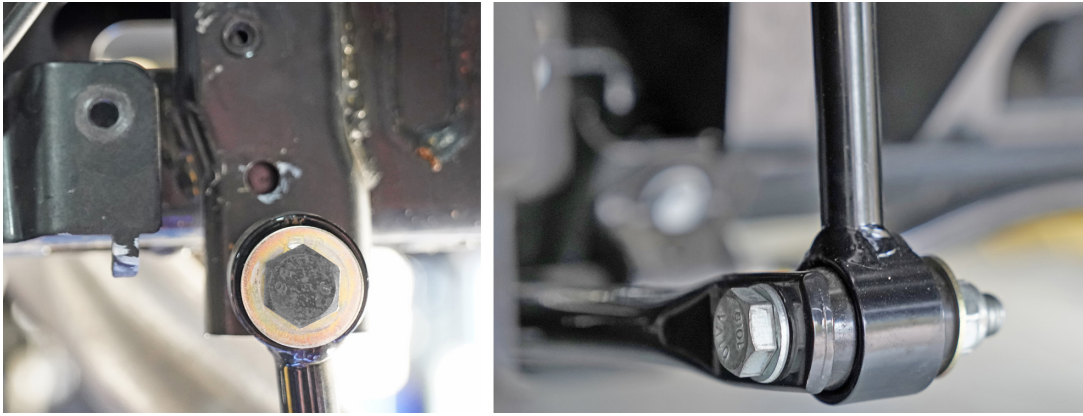
19. **If you are installing the FOX shocks, proceed to step 24.** [Illustration 9] Position the Superlift shock relocation bracket (55-04-5830) over the outside of the factory lower shock mount and align the lower holes.
20. [Illustration 9] Place the Superlift sleeve (09-5830 - 0.875" OD x 1.5625" Long) on the inside of the new shock bracket and secure with the supplied 9/16" bolt, washer, and nyloc nut, having the bolt going through the new bracket, the factory bracket, and new sleeve. Do not tighten.
21. [Illustration 9] Put the factory shock into place and align with the upper hole of the bracket and secure using the factory hardware with the bolt pointing inward. Snug, do not tighten. [21mm]
22. [Illustration 9] Make sure the new shock bracket is pushed tight against the factory mount and properly aligned with the factory mount, then using the new bracket as a guide, drill a 1/2" hole through the back of the factory mount.
23. [Illustration 9] Install the supplied 1/2" bolt, washer, and nyloc nut through the new bracket and factory mount with the bolt running rear-to-front. Tighten. [3/4"] (90)

Illustration 9



24. **Skip to step 25, if shock spacers were installed.** Install the FOX shocks (985-24-219) using the factory hardware with the bolts pointing inward. Snug, do not tighten. [21mm]
25. Reattach the factory brake line bracket to the bump stop mount pad with factory hardware. [10mm]

Illustration 10



26. [Illustration 10] Lightly grease and install the hourglass shaped bushing and .75" OD sleeve into each end of the Superlift sway bar links (55-03-9068), then attach upper link eye to the frame using the supplied 12mm bolt and large USS washer with the bolt pointing inward and attach lower link eye to the sway bar using the supplied 12mm bolt, small SAE washer on bolt head, large USS on inside with nyloc nut. Tighten. [19mm]
- 27. RUBICON MODELS** Reconnect the locker wiring harness.
28. Reconnect the track bar to the driver side lower axle mount using the factory bolt and tab nut. Snug, do not tighten. [21mm]
29. Install the tires and wheels then lower vehicle to the ground. [22mm] (140)

FINAL CHECKS

1. Tightening sequence:
 - Front track bar bracket and track bar at axle end. (125)
 - Front and rear upper and lower link arms. (125)
 - Shock spacer brackets - front and rear. (60)
 - FOX shock absorber eyes - front and rear. (55)
 - Sway bar links - front and rear. (75)
 - Rear track bar at axle end. (125)
2. Check all hardware for proper torque specifications.
3. With the vehicle on the ground, check all components for proper operation and clearances. Pay special attention to the clearance between the tires and wheels, brake hoses, wiring, etc. Check tire and wheel clearance with the fenders and bumpers.
4. Realign vehicle to factory specifications.
5. Adjust headlights to proper setting.
6. Activate the four wheel drive system and check for proper engagement.
7. Install the "Warning To Driver" decal on the inside of the windshield, or on the dash, within driver's view.

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, 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®").

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 warrant-able, 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

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.

THANK YOU FOR CHOOSING SUPERLIFT

For questions, technical support and warranty issues relating to this SUPERLIFT products, please contact SUPERLIFT directly.

**SUPERLIFT SUSPENSION
300 Huey Lenard Loop Rd.
West Monroe, Louisiana 71292
Phone: (318) 397-3000
Sales / Tech: (800) 551-4955
SUPERLIFT.COM**