

Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches
(5/16", 1/2", 9/16", 3/4", & 1-1/8")
- Metric Sockets \ Wrenches
(10mm, 14mm, 15mm, 18mm, 19mm, 21mm)
- Brake Line \ Flare Nut Wrenches
(12mm, 15mm & 5/8")
- 7/32" Hex Key Socket \ Wrench
- Angle Drill • Drill
- 1/8", 5/16" & 3/8" Short Length Drill Bits
- 1/8", 5/16" & 3/8" Drill Bits
- Diagonal Cutting Pliers
- Plastic Fastener Clip Removal Tool
- Pneumatic Reciprocating Body Saw
- Scriber Tool • Center Punch
- Hammer • Cut-Off Tool
- Grinder • Tin Snips
- Safety Glasses • Jack Stands
- Wheel Chock • Floor Jack
- Paint Marker • Measuring Tape
- Torque Wrench



Before beginning installation, read these instructions & enclosed driver's WARNING NOTICE thoroughly & completely. Also affix WARNING decal in passenger compartment in clear view of all occupants. Please refer to Parts List to insure that all parts & hardware are received prior to disassembly of vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain needed items. If you have any questions or reservations about installing this product, contact SKYJACKER® Technical Assistance at 318-388-0816.

Please Record Important Measurement Information Below for Reference.

It Is Very Helpful on Determining an Accurate Achieved Lift Height Measurement.

Make sure you park vehicle on a level concrete or asphalt surface. Many times a vehicle is not level (side-to-side) from factory, but is usually not noticed until a lift kit has been installed which makes difference more visible. Using a measuring tape, measure front & rear (both sides) from ground up to center of fender opening above axle.

Driver Side Front: _____ / _____	Passenger Side Front: _____ / _____
BEFORE / AFTER	BEFORE / AFTER
Driver Side Rear: _____ / _____	Passenger Side Rear: _____ / _____
BEFORE / AFTER	BEFORE / AFTER

Important Notes:

- If Larger Tires (10% More Than OEM Diameter) Are Installed, Speedometer Recalibration Will Be Necessary. Contact Your Local JEEP Dealer or an Authorized Skyjacker® Dealer for Details.
- After Installation, a Qualified Alignment Facility Is Required to Align Vehicle to OEM Specifications.
- In Event that a Different Coil Spring Rate Option Is Needed Due to Custom Modifications, Extra Weight, Etc, Please Contact Skyjacker® Technical Assistance at 318-388-0816.

- Adjustable Front Lower Control Arms Are **Required**. Part # JKLL24F-SX Includes Johnny Joints.
- OEM Skid Plates Can Not Be Re-Used with Long Arm Series.
- **2012-2018 Models:** Exhaust Spacers Are **Required**. Part # JK36ESK.
- Adjustable Front Track Bar Is **Recommended**. Part # JKFTBA717.
- **All Models:** A Replacement Dual Cardan CV Style Front Driveshaft is **Required**.
2-Door Models Will Also **Required** A Replacement Dual Cardan CV Style Rear Driveshaft.
- Wheel Back Spacing of 4.5" Or Less Is **Recommended**.
- Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven. Failure to Do So Will Cause Computer Errors, Odd Handling Characteristics, & Poor Performance.

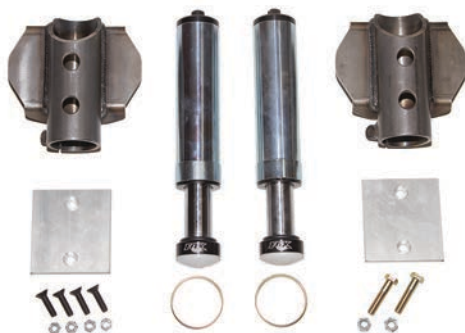
2007-2018 Jeep JK Optional Coil-Over Up-Grades



Adjustable Front Track Bar - Part # JKFTBA717



Front Air Bump Stop Kit
Part # JKLSAB



Rear Air Bump Stop Kit
Part # JKLSABR



LeDuc Series Rear Coil-Over Kit
3.5" - 4.5" Lift - Part # JK42RLSBO
4.5" - 6" Lift - Part # JK62RLSBO



Adjustable Rear Track Bar - Part # RTBA45

Component Box Breakdown:**Part # JK62FLS**

Item #	Description	Qty
SKY2031-PR	COILOVER SHOCK, PAIR, L & R	1
2.5X12X200	SPRING, 2.5 ID \ 12 H \ 200 RATE	2
2.5X14X350	SPRING, 2.5 ID \ 14 H \ 350 RATE	2
LSCOWRH-S	SPANNER WRENCH, COIL-OVER	1

Part # JK62FLSB

Item #	Description	Qty
JKLSBOFDU-B	COILOVER BRKT, FRT DR UPPER	1
JKLSBOFPU-B	COILOVER BRKT, FRT PA UPPER	1
H-BOX JKFLSB	HDWR BOX: JK62FLSB BOX	1

Hardware Box Breakdown:**Part # H-BOX JKFLSB**

Item #	Description	Qty
JKLSBOFDLI-B	SHOCK BRKT, FRT DR LOWER INNER	1
JKLSBOFDLO-B	SHOCK BRKT, FRT DR LOWER OUTER	1
JKLSBOFPLI-B	SHOCK BRKT, FRT PA LOWER INNER	1
JKLSBOFPLO-B	SHOCK BRKT, FRT PA LOWER OUTER	1
JKLSBORRD-B	REMOTE RESERVOIR BRKT, DR	1
JKLSBORRP-B	REMOTE RESERVOIR BRKT, PA	1
SBE126	SWAY BAR END LINKS, DBL DISC	1
JKFBL60	BRAKE LINES, FRONT	1
ABSS2535	BUMP STOP SPACER, 3.5 H	2
HB-BSS40	HDWR BAG: BUMP STOP SPACER	1
HB-JKLSBOFSL	HDWR BAG: FRT SHOCK LOWER BRKT	1
HB-JKLSBOFSU	HDWR BAG: FRT SHOCK UPPER BRKT	1

Component Breakdown:**Part # SBE126**

Item #	Description	Qty
SBE102-L	SWAY BAR END LINK, FRT, SINGLE	2
SBE-E3	SWAY BAR END LINK, WELDED EYE	4
14X112SPIN	SNAPPER PIN, 1/4 X 1-1/2	4
HB-SBE126	HDWR BAG: FOR SBE126	1

Part # JKFBL60

Item #	Description	Qty
JKBL60S	BRAKE LINE, FRONT	2
BE15	BRAKE LINE EXTENSIONS	2
3CCW	COPPER CRUSH WASHER, 3/8	4
HC1	HOSE \ HORSESHOE CLIP	2
BTIE	BOOT TIE, RED	2

Hardware Bag Breakdown:**Part # HB-BSS40**

Item #	Description	Qty
38X4BHB	3/8 X 4 BUTTON HEAD BOLT	2
38SAEW	3/8 SAE WASHER	2
38CTN	3/8-16 COARSE N/I LOCK NUT	2

Part # HB-JKLSBOFSL

Item #	Description	Qty
141509	SLEEVE, 5/8 OD X 1/2 ID X 1.50 LONG	2
516X1FTB	5/16 X 1 FINE THREAD BOLT	2
516SAEW	5/16 SAE WASHER	4
516FTN	5/16 FINE THREAD N/I LOCK NUT	2
38X1FTB	3/8 X 1 FINE THREAD BOLT	4
38SAEW	3/8 SAE WASHER	8
38FTN	3/8 FINE THREAD N/I LOCK NUT	4
12X412FTB	1/2 X 4-1/2 FINE THREAD BOLT	2
12SAEW	1/2 SAE WASHER	4
12FTN	1/2 FINE THREAD N/I LOCK NUT	2

Part # HB-JKLSBOFSU

Item #	Description	Qty
38X114FTB	3/8 X 1-1/4 FINE THREAD BOLT	10
38SAEW	3/8 SAE WASHER	20
38FTN	3/8 FINE THREAD N/I LOCK NUT	10
12X512FTB	1/2 X 5-1/2 FINE THREAD BOLT	2
12SAEW	1/2 SAE WASHER	4
12FTN	1/2 FINE THREAD N/I LOCK NUT	2
34X2CTB	3/4 X 2 COARSE THREAD BOLT	2
34SAEW	3/4 SAE WASHER	4
34CTN	3/4 COARSE THRD N/I LOCK NUT	2

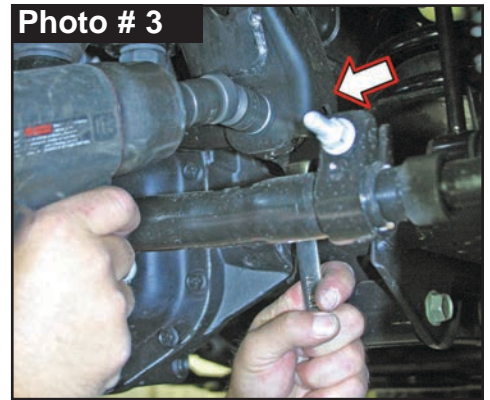
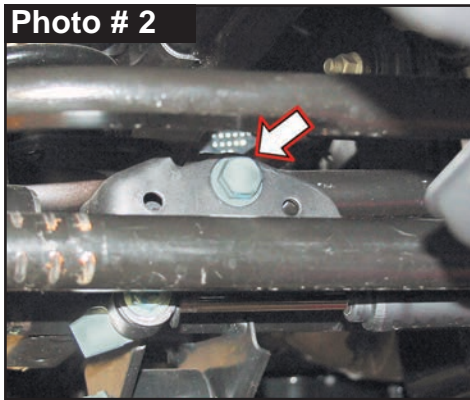
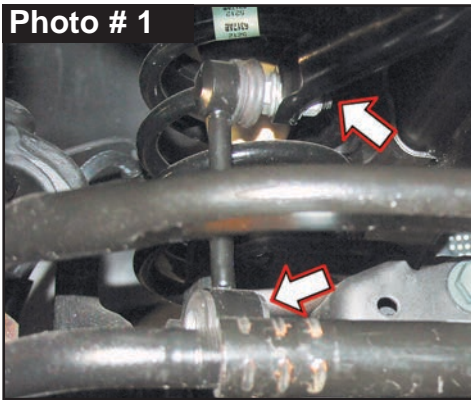
Part # HB-SBE126

Item #	Description	Qty
403712	SLEEVE, 5/8 OD X 1/2 ID X 1.25 LONG	4
12X212BHCTB	1/2 X 2-1/2 BUTTON HEAD BOLT	2
12USSW	1/2 USS WASHER	4
12CTN	1/2 COARSE THRD N/I LOCK NUT	2

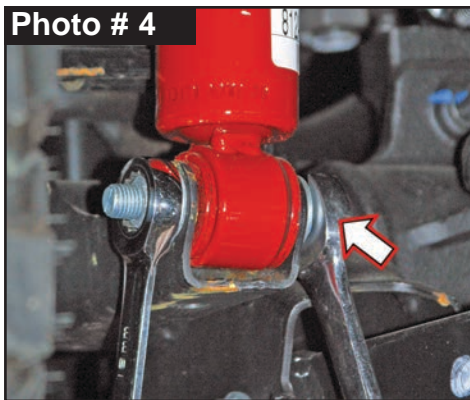
Front Installation: Note: Save all factory components & hardware for reuse, unless noted.

ATTENTION: Parts Shown in Red are for Picture Clarification Only. Skyjacker Coil Springs & Metal Brackets Are Powder Coated Black.

1. With vehicle on flat level ground, set emergency brake & chock rear tires\wheels.
2. Raise front of vehicle, support frame rails using jack stands at indicated lift points in OEM service manual.
3. Remove front tires\wheels using a 19mm socket.
4. Remove OEM front sway bar end link at lower axle mount using a 18mm socket\wrench. Remove upper mount to sway bar using a 21mm socket\wrench. (Photo # 1)
5. Disconnect OEM front track bar from lower passenger side axle mount using a 21mm socket \ wrench. (Photo # 2)
6. Disconnect OEM front track bar from upper driver side frame mount using a 21mm socket \ wrench. (Photo # 3) Remove track bar & retain hardware.



7. Remove OEM front shock. Disconnect at lower axle mount using a 18mm socket \wrench. (Photo # 4) Disconnect at upper frame mount a 14mm socket \ wrench. (Photo # 5)
8. Disconnect OEM front brake line bracket using a 10mm socket \ wrench. (Photo # 6)

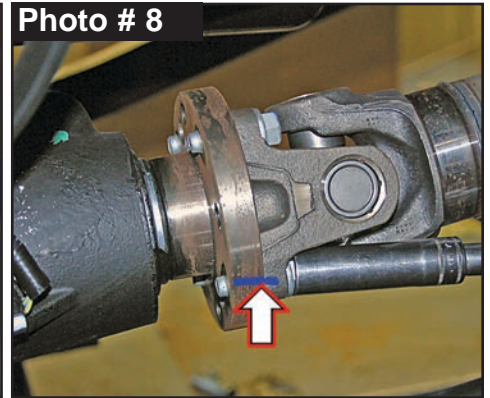
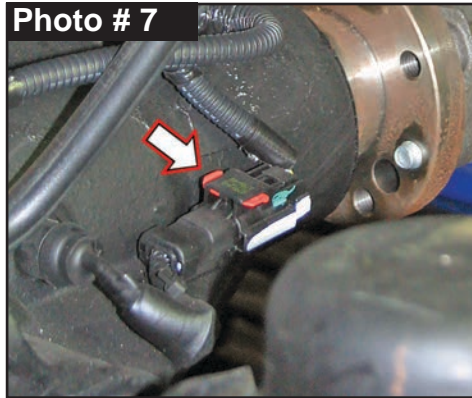


Note: 2007-10 Models: Disconnect from frame rail mount.
2011-18 Models: Disconnect from axle mount below coil spring.



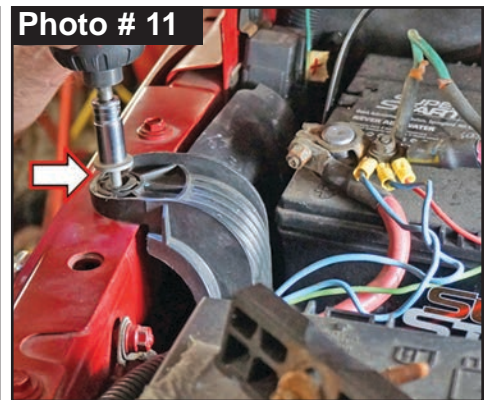
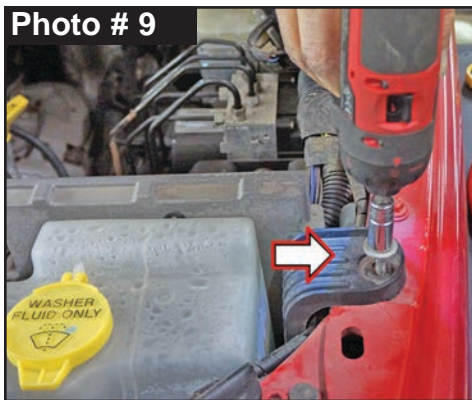
9. On **RUBICON** Models: Disconnect OEM front axle locker sensor & some of line clips. (Photo # 7) **Tech Note:** Red safety lock clip must be slid rearward to unlock. Press & hold rearward tang down, grab connector & pull away while from plug-in.

10. **Tech Note:** On some models, it will be necessary to disconnect OEM front driveshaft to ensure driveshaft does not bind when installing taller springs. Mark location of OEM front driveshaft \ flange at axle & disconnect using a 15mm socket \ wrench. (Photo # 8)



11. While checking for appropriate slack in ABS lines, brake lines, differential vent hose & etc, lower front differential & remove OEM front coil springs.
12. Remove OEM plastic inner fender liners using a plastic fastener clip removal tool & a 10mm socket \ wrench.
13. **Driver Side:** Remove four (4) OEM bolts from OEM plastic housing that holds washer fluid tank, ECM & ABS module in place using a 10mm socket \ wrench. (Photo # 9)
14. **Passenger Side:** Remove OEM intake hose from OEM air filter housing using a 5/16" socket \ wrench. Remove OEM air filter housing. (Photo # 10)

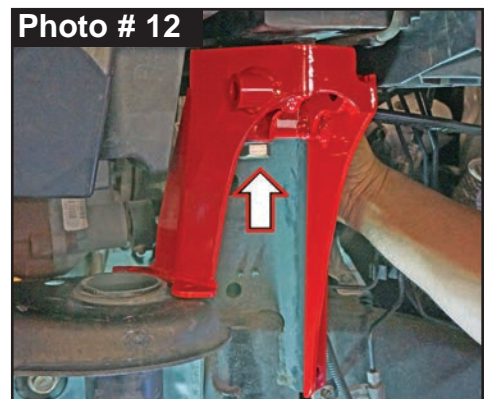
Remove four (4) OEM bolts from OEM plastic housing that holds battery, fuse box & air filter housing in place using a 10mm socket \ wrench. (Photo # 11)



Note: Perform Steps 15-26 on One Side at a Time.

15. Skyjacker Front Upper Coil-Over Brackets Are Side Specific:
JKLSBOFDU-B Driver Side &
JKLSBOFPU-B Passenger Side.

Attach appropriate Skyjacker bracket to OEM upper shock bracket frame with supplied 3/4" x 2" Coarse Thread Bolts with 3/4" SAE Washer up through bracket & frame. Attach with 3/4" SAE Washer & 3/4" Coarse Thread Nylon Insert Nut using a 1-1/8" socket \ wrench. Secure, but **Do Not Completely Tighten** at this time. (Photo # 12)



16. Use Skyjacker bracket as a guide to mark\scribe two (2) forward mounting holes on OEM upper coil spring mount. (Photo # 13)
17. Use Skyjacker bracket as a guide for three (3) rearward mounting holes on OEM shock mount. Mark\scribe, center punch & drill 1/8" pilot holes. **Note:** Prior to drilling, check behind surface area being worked on for any wires, brake lines, fuel lines, hoses, etc that could be damaged. Drill out pilot hole with a 3/8" drill bit. (Photo # 14)
18. Remove hardware & Skyjacker bracket using a 1-1/8" socket\wrench.
- Drill two (2) forward previously scribed mounting holes on OEM upper coil spring mount with a short length 1/8" drill bit using an angle drill. Drill out pilot hole using a 3/8" drill bit. (Photo # 15)

Photo # 13

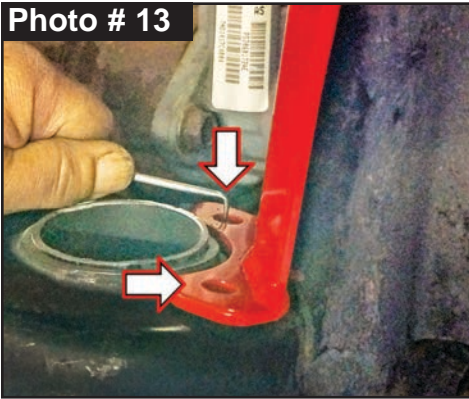


Photo # 14

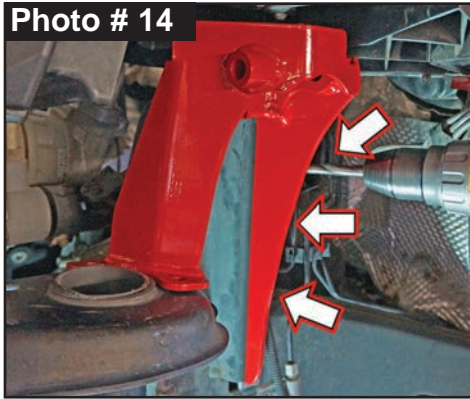
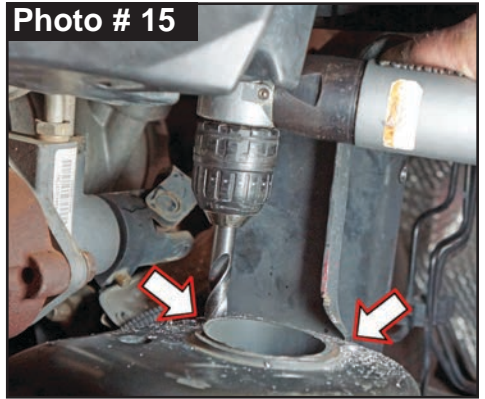


Photo # 15



19. Reinstall Skyjacker bracket to OEM upper shock bracket frame with supplied 3/4" x 2" Coarse Thread Bolts with 3/4" SAE Washer up through bracket & frame. Attach with 3/4" SAE Washer & 3/4" Coarse Thread Nylon Insert Nut using a 1-1/8" socket\wrench. Secure, but **Do Not Completely Tighten** at this time.

20. Skyjacker Remote Reservoir Brackets Are Side Specific:
JKLSBORRD-B Driver Side &
JKLSBORRP-B Passenger Side.

Align appropriate Skyjacker Remote Reservoir Bracket with two (2) upper rearward holes of Coil-Over Bracket. Attach with supplied 3/8" x 1-1/4" Fine Thread Bolts with 3/8" SAE Washer through brackets & frame. (Photo # 16)

Attach with 3/8" SAE Washer & 3/8" Fine Thread Nylon Insert Nut using a 9/16" socket\wrench. Secure, but **Do Not Completely Tighten** at this time.

21. Complete installation of Coil-Over Bracket with supplied 3/8" x 1-1/4" Fine Thread Bolts with 3/8" SAE Washers. Attach with 3/8" SAE Washers & 3/8" Fine Thread Nylon Insert Nuts using a 9/16" socket\wrench. (Photo # 17)

Fully tighten & torque all hardware.

Torque Specifications: 3/8" Bolts = 35 ft-lbs
3/4" Bolt = 280 ft-lbs

Photo # 16

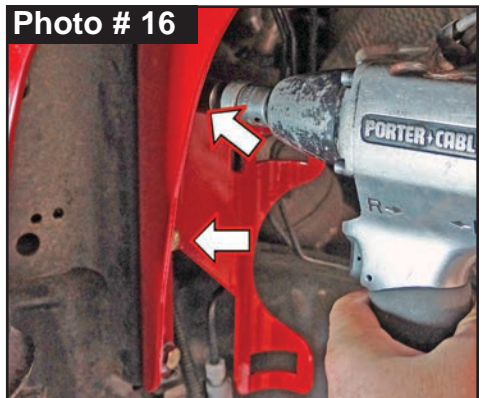
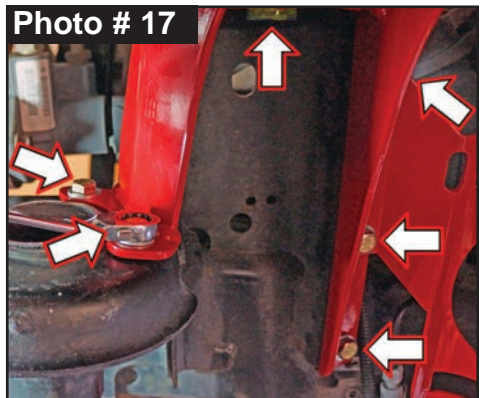


Photo # 17

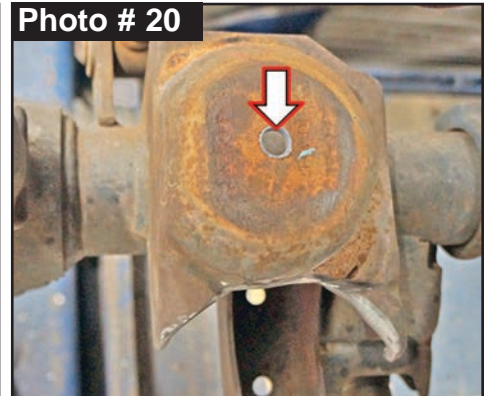
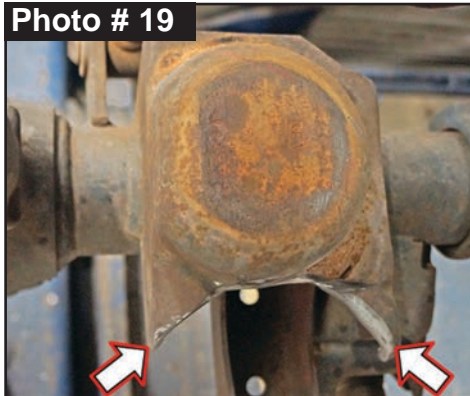


22. **Note:** This step is for coil-over spring clearance. It is not necessary to remove entire OEM lower coil spring seat. On rearward side of OEM lower coil spring seat, mark a line from each rear corner to intersect towards center. (Photo # 18)

Cut using a cut off tool, grinder or similar tool. (Photo # 19)

23. Place Skyjacker # ABSS2535 Front Bump Stop Spacer on top center of OEM lower coil spring mount pad. Measure, mark & center punch OEM lower coil spring mount pad.

Drill center mark using a 3/8" drill bit. (Photo # 20) **Note:** Grind smooth any burrs or sharp edges on OEM lower coil spring seats, then paint or undercoat all exposed metal.



24. Drill forward hole of OEM coil spring mounts with a short length 5/16" drill bit using an angle drill. (Photo # 21)

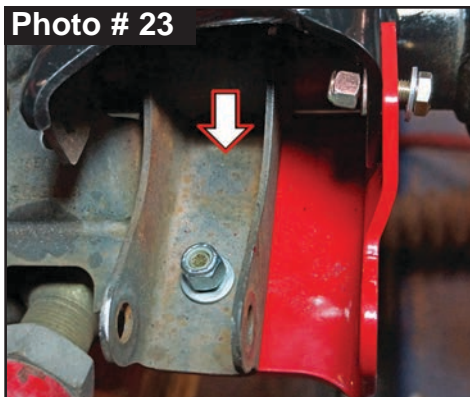
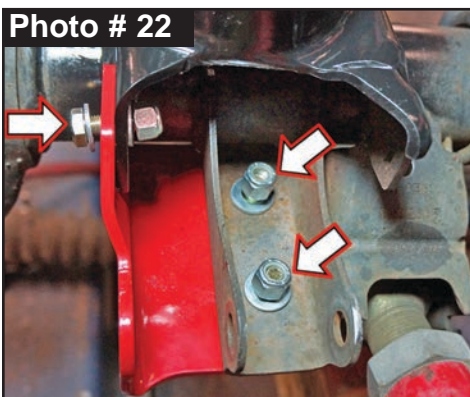
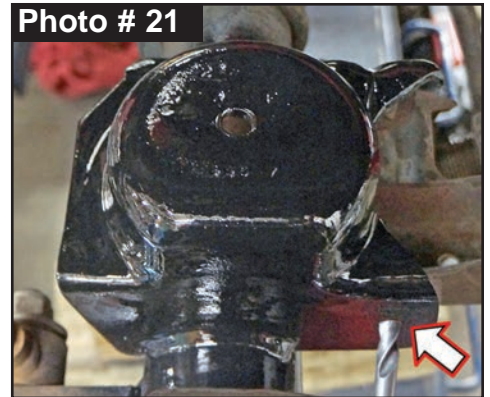
25. Skyjacker Lower Outer Shock Brackets Are Side Specific:
JKLSBOFDLO-B Driver Side Outer &
JKLSBOFPLO-B Passenger Side Outer

Attach appropriate Skyjacker bracket to OEM lower shock bracket mount with supplied 3/8" x 1" Fine Thread Bolt with 3/8" SAE Washer up through bracket & mount. Attach with 3/8" SAE Washers & 3/8" Fine Thread Nylon Insert Nuts using a 9/16" socket\wrench. (Photo # 22)

Attach forward mount hole with supplied 5/16" x 1" Fine Thread Bolt with 5/6" SAE Washer through bracket & mount. Attach with 5/16" SAE Washers & 5/16" Fine Thread Nylon Insert Nuts using a 1/2" socket\wrench. (Photo # 22)

Passenger Side: Forward hole on passenger side OEM lower shock mount must be drilled. (Photo # 23) Use Skyjacker bracket as a guide, mark\scribe, center punch & drill 1/8" pilot hole. Drill out pilot hole with a 3/8" drill bit. (Photo # 24)

Attach with supplied 3/8" hardware. (Photo # 22)

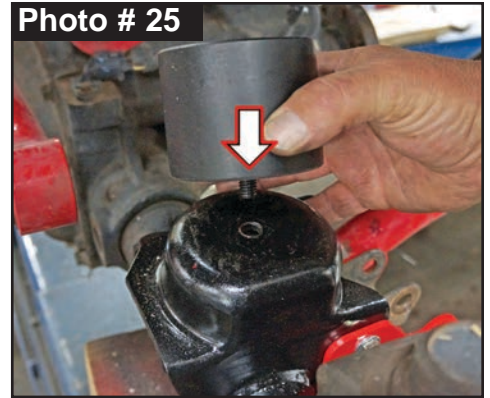


26. Install Skyjacker # ABSS2535 Front Bump Stop Spacer onto OEM lower coil spring mount pad. Insert supplied 3/8" x 4" Button Head Bolt into spacer.

Align bolt into hole of OEM spring mount pad. Reach under spring mount pad & above axle tube to attach supplied 3/8" SAE Washer & 3/8" Nylon Insert Lock Nut onto bolt.

Tighten bump stop into place using a 7/32" hex key socket \ wrench & 9/16" socket \ wrench. (Photo # 25) Torque 25 ft-lbs

Photo # 25



Note: Perform Steps 15-26 on Opposite Side at a this Time, Then Proceed to Step 27.

NOTE: If Installing Skyjacker Replacement Long or Short Arm Links, Install Now Per Separate Instructions. Then Proceed to Step 27.

Note: Perform Steps 27-32 on One Side at a Time.

27. Skyjacker Lower Shock Inner Braces Are Side Specific:

JKLSBOFDLI-B Driver Side Inner &

JKLSBOFPLI-B Passenger Side Inner.

Remove OEM lower link bolt from lower link arm using a 21mm socket \ wrench.

Reinstall OEM lower link bolt from inside-to-outside of vehicle.

Install appropriate Skyjacker brace with offset toward OEM lower shock bracket. Attach with OEM nut using a 21mm socket \ wrench. (Photo # 26)

28. **Driver Side:** For hardware clearance, remove a small area of OEM inner fender plastic toward rear of Skyjacker Coil-Over Bracket using a pneumatic body saw or similar tool. (Photos # 27) Check clearance with supplied 1/2" x 5-1/2" Fine Thread Bolt, 1/2" SAE Washers & 1/2" Nylon Insert Lock Nut. (Photos # 28)

Photo # 26



Photo # 27



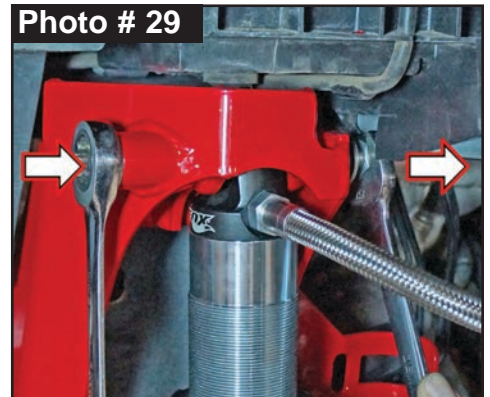
Photo # 28



29. Skyjacker Coil-Over Shocks Are Side Specific: 90-degree fitting, reservoir hose & remote reservoir of Coil-Over goes toward rear of vehicle.

Install Skyjacker Coil-Over Shock into Skyjacker Coil-Over Bracket with supplied shock spacers on each side of shock eye mount. Insert supplied 1/2" x 5-1/2" Fine Thread Bolt with 1/2" SAE Washer from front-to-rear through bracket. Attach with supplied 1/2" SAE Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench. (Photos # 29)

Photo # 29

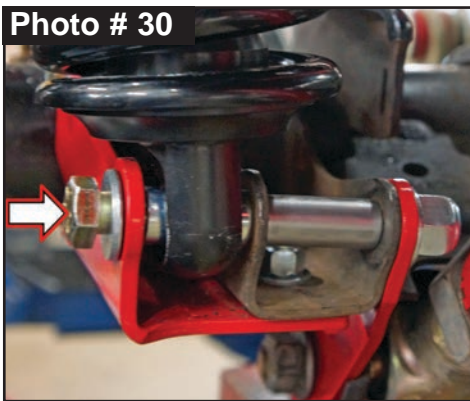


30. Install Skyjacker Coil-Over Shock into Skyjacker Lower Shock Bracket with supplied shock spacers on each side of shock eye mount. Insert supplied 1/2" x 4-1/2" Fine Thread Bolt with 1/2" SAE Washers from outside-to-inside through bracket & shock mount. Insert supplied 5/8" OD x 1/2" ID x 1.50" Long Sleeve between OEM shock mount & continue bolt through Skyjacker Lower Shock Inner Brace. Attach with supplied 1/2" SAE Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \wrench. (Photos # 30)

Tech Note: Check clearance between Skyjacker Coil-Over Shock & trimmed portion of OEM lower coil spring seat. Be sure there is no contact of mount or coil spring. Trim if necessary.

31. Install Skyjacker Coil-Over Remote Reservoir into Skyjacker Remote Reservoir Bracket with supplied Screw Clamps using a 5/16" socket \wrench. (Photos # 31) **Note:** Trim excess length of screw clamp strap using tin snips or similar tool.

32. Trim each OEM plastic inner fender liner & inner liner mounts for clearance of Skyjacker Lower Shock Bracket using a pneumatic body saw or similar tool. (Photos # 32) Install OEM plastic inner fender liners with OEM plastic clips & OEM bolts using a 10mm socket \wrench.

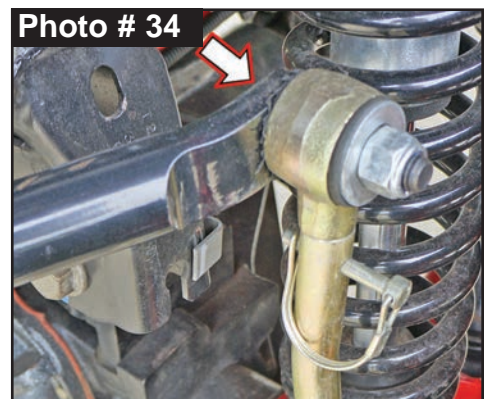
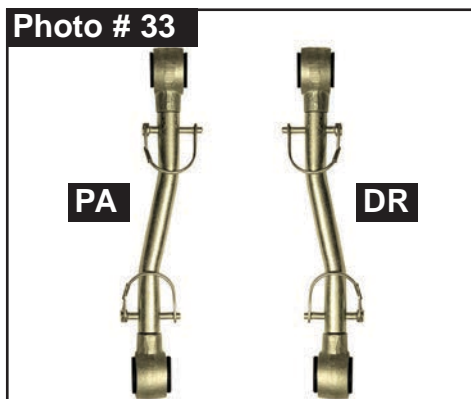


Note: Perform Steps 27-32 on Opposite Side at a this Time, Then Proceed to Step 33.

33. Align marks on OEM front driveshaft \flange & connect driveshaft with OEM hardware using a 15mm socket \wrench. (Photo # 7 & # 8) Torque 81 ft-lbs

34. Locate Skyjacker # SBE126 Front Sway Bar Double Disconnect End Links. Coat # ES25 1.50 Long Steel Sleeves with a water resistant grease & press into upper & lower end links mounts. **Note:** Sway Bar End Links are to be installed with offset inward as shown. (Photo # 33)

35. Install upper end link mount to OEM sway Bar with supplied 1/2" x 2-1/2" Course Thread Button Head Bolt with 1/2" SAE Washer from inside-to-outside to provide adequate clearance. (Photo # 34) Attach with supplied 1/2" SAE Washer & 1/2" Course Thread Nylon Insert Nut on outside using a 7/32" Hex Key socket \wrench & a 3/4" socket \wrench. Secure, but **Do Not Completely Tighten** at this time.



Attach lower end link to inside of OEM axle mount with OEM hardware using a 21mm socket \wrench. Secure, but **Do Not Completely Tighten** at this time.

36. Install Skyjacker # JKBL60S Front Brake Lines. Turn tires to gain better access to brake components.

Unclip all ABS line rubber grommets from OEM brake line rubber keepers. (Photo # 35)

Disconnect OEM brake line banjo fitting bolt at brake caliper using a 15mm brake line \ flare nut wrench. (Photo # 36) Use a pan to catch released fluid.

If equipped, remove OEM speed sensor connector from OEM bracket. Disconnect OEM brake line from frame mount using a 12mm brake line \ flare nut wrench. (Photo # 37)

Photo # 35

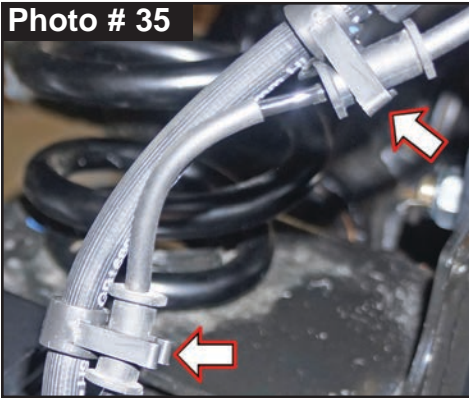


Photo # 36

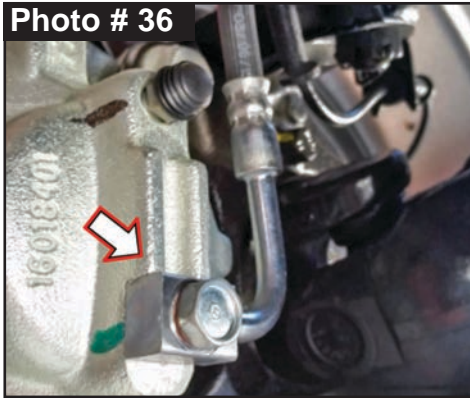
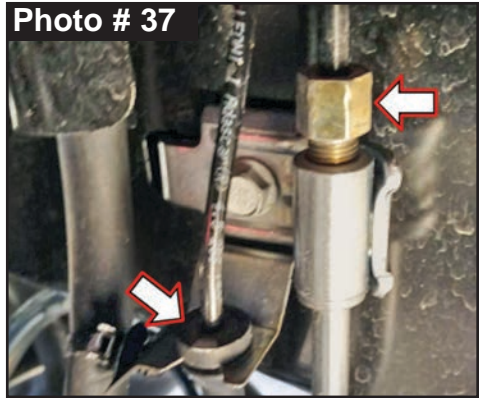


Photo # 37



37. Attach Skyjacker brake line banjo fitting to OEM caliper with OEM banjo bolt & supplied 3/8" Copper Crush Washers. Install with one (1) supplied 3/8" Copper Crush Washer on each side of Skyjacker banjo fitting using a 15mm flare nut wrench. (Photo # 38)

Note: Install with brake line bend at same angle as OEM. Torque 26 ft-lbs. Route Skyjacker brake line around suspension components same as OEM up to frame mount.

38. Install supplied Skyjacker # BE15 Brake Line Extension Bracket into OEM frame mount with OEM bolt using a 10mm socket \ wrench. Insert Skyjacker brake line fitting through Skyjacker Bracket. (Photo # 39)

Carefully thread OEM male brake hard line nut into female fitting on Skyjacker brake line.

Note: Take care to not cross thread fittings. Tighten using a 12mm flare nut wrench on OEM brake line & a 5/8" flare nut wrench on Skyjacker brake line. (Photo # 39)

39. Install supplied Skyjacker # HC1 Brake Line Clip on top of Skyjacker brake line. Line up clip with Skyjacker Brake Line notch & tap it into position to secure it in place. (Photo # 39)

40. Lubricate OEM ABS line rubber grommets. Adjust upward \ downward to route OEM ABS line with Skyjacker brake line. Attach rubber grommets to Skyjacker brake line with supplied plastic ties. Trim with diagonal cutting pliers. (Photo # 40)

Photo # 38

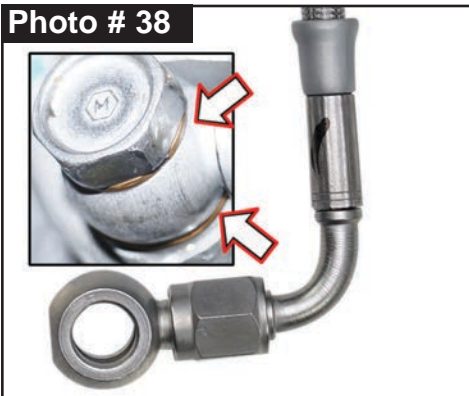


Photo # 39

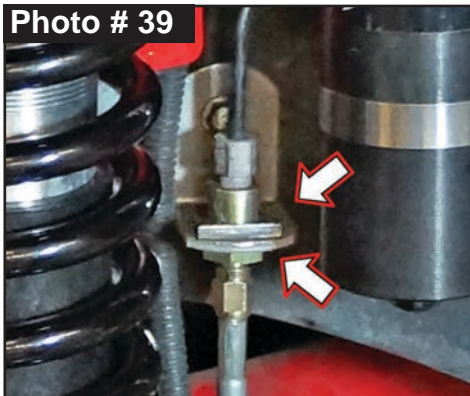
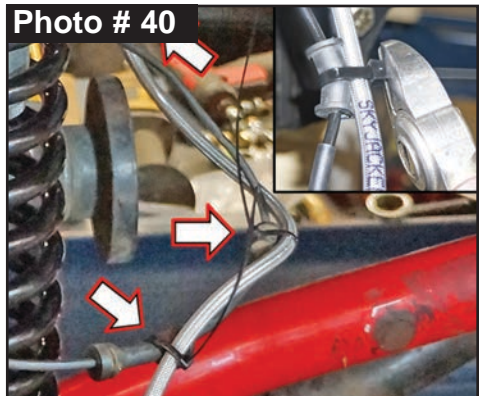


Photo # 40



41. Bleed air from brake system as instructed by OEM service manual. Avoid getting brake fluid on painted surfaces. **CAUTION: Do Not Drive Vehicle** until you have made sure that all air is out of brake line system & you have a firm brake pedal.

Check all brake line connections for leaks & tighten as necessary. **Tech Note:** A spray bottle of water works well to clean up residual brake fluid when installation is complete.

42. Install front tires\wheels using a 19mm socket. Lower vehicle to ground. Torque lugs to OEM service manual specifications.

43. **Passenger Side:** Reinstall four (4) OEM bolts to OEM plastic housing that holds battery, fuse box & air filter housing in place using a 10mm socket\wrench. (Photo # 11)

Reinstall OEM intake hose to OEM air filter housing using a 5/16" socket\wrench. Remove OEM air filter housing. (Photo # 10)

44. **Driver Side:** Reinstall four (4) OEM bolts to OEM plastic housing that holds washer fluid tank, ECM & ABS module in place using a 10mm socket\wrench. (Photo # 9)

Final Clearance Check & Torque Steps:

Note: OEM Drag Link Must Be Adjusted to Center Steering Wheel Before Vehicle Is Driven. Failure to Do So Will Cause Computer Errors, Odd Handling Characteristics, & Poor Performance.

1. Start vehicle. Make sure there are no dash lights pertaining to suspension.
2. Jounce vehicle a couple of times. This will help suspension settle to new ride height. Cycle steering lock-to-lock & check all components for proper operation & clearances. Pay special attention to clearance between tires\wheels, Coil-Over Shocks & Reservoirs, control arms, brake hoses, ABS wiring, etc.

Rotate driveshafts & check for interference at differential yoke & Cardan joint. If necessary, lightly dress casting(s) and\or u-joint tabs in order to eliminate binding.

3. **Front Tighten & Torque Sequence.**

Skyjacker Coil-Over Shock at Skyjacker Coil-Over Bracket using a 3/4" socket\wrench. Torque 90 ft-lbs.

Skyjacker Coil-Over Shock at Skyjacker Lower Shock Bracket using a 3/4" socket\wrench.. Torque 90 ft-lbs.

Sway bar end link upper bolt using a 7/32" Hex Key socket\wrench & a 3/4" socket\wrench. Torque 90 ft-lbs.

Sway bar end link lower bolt using a 21mm socket\wrench. Torque 75 ft-lbs.

Skyjacker lower link arm mount bolts using a 21mm socket\wrench. Torque 125 ft-lbs.

Skyjacker upper link arm mount bolts using a 18mm socket\wrench. Torque 75 ft-lbs.

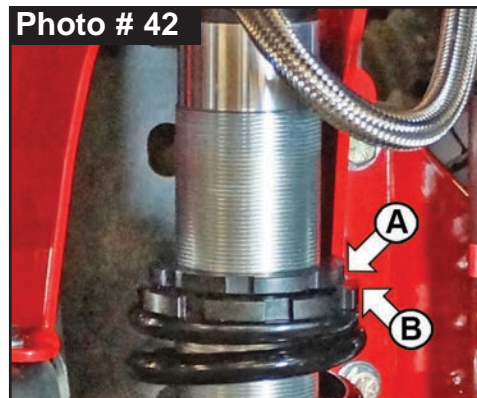
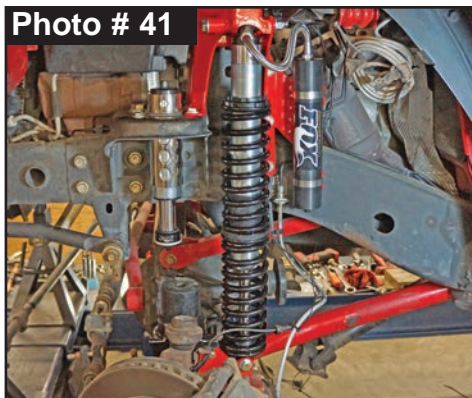
Adjusting Coil-Over Lift Height:

Notes: Reference your before & after measurements noted on Page 1 of these instructions.

Raise lift height by compressing Skyjacker Coil-Over upper coil spring. To raise vehicle height, turn coil-over collars down shock body.

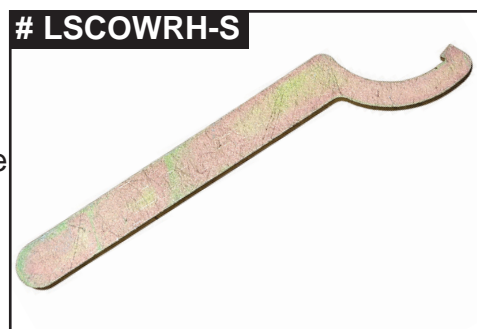
1. With vehicle on flat level ground, set emergency brake & chock rear tires\wheels. Raise front of vehicle, support frame rails using jack stands at indicated lift points in OEM service manual.
2. Remove front tires\wheels using a 19mm socket. Make sure Skyjacker Coil-Over Shocks are fully extended with as much weight off coil springs as possible. (Photo # 41)

3. To adjust coil-overs, first unlock Upper Collar A by turning it left \clock-wise using # LSCOWRH-S Spanner Wrench. (Photo # 42) **Tech Note:** Amount of preload \adjustment does not directly equal amount of lift you will achieve due to weight variances side-to-side (battery, gas tank, other aftermarket modifications, etc.). 1" of preload does not equal 1" of lift height.



Use Spanner Wrench to turn Lower Collar B right \counter clock-wise to compress upper coil spring down. It does require a physical effort to rotate \ compress coil spring.

4. Once satisfied with your adjustments, spin Upper Collar A down against Lower Collar B. To lock, turn collar B counter-clockwise and collar A clockwise.
5. Install front tires \wheels using a 19mm socket. Lower vehicle to ground. Torque lugs to OEM service manual specifications. Jounce vehicle a couple of times and \or test drive. This will help suspension settle to new ride height. Check height measurements again. Fine tune side-to-side as needed.



Final Notes:

- After installation is complete, double check that all nuts & bolts are tight. Refer to following chart for proper torque specifications. (**Note:** Do not re-tighten nuts & bolts where thread lock compound was used.)
- With vehicle placed on ground, cycle steering lock to lock & inspect steering, suspension, brake lines, front & rear drivelines, fuel lines & wiring harnesses for proper operation, tightness & adequate clearance.
- Have headlights readjusted to proper settings.
- Have a qualified alignment center align vehicle to OEM specifications.
- After first 100 miles, check all hardware for proper torque & periodically thereafter.

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	180 in-lbs	240 in-lbs	6MM	60 in-lbs	108 in-lbs
3/8	30 ft-lbs	35 ft-lbs	8MM	216 in-lbs	23 ft-lbs
7/16	45 ft-lbs	60 ft-lbs	10MM	32 ft-lbs	45 ft-lbs
1/2	65 ft-lbs	90 ft-lbs	12MM	55 ft-lbs	75 ft-lbs
9/16	95 ft-lbs	130 ft-lbs	14MM	85 ft-lbs	120 ft-lbs
5/8	135 ft-lbs	175 ft-lbs	16MM	130 ft-lbs	165 ft-lbs
3/4	185 ft-lbs	280 ft-lbs	18MM	170 ft-lbs	240 ft-lbs
Above Specifications Are Not to Be Used When Bolt Is Being Installed With a Bushing.					

Seat Belts Save Lives, Please Wear Your Seat Belt.