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**2007 - 2014 Jeep Wrangler JK
2 Door / 4 Door
3" - 3.5" Suspension Lift
Installation Instructions**

REQUIRED TOOLS LIST:

- Safety Glasses
- Metric / Standard Sockets & Wrenches
- Floor Jack
- Jack Stands
- Drill / Assorted Drill Bits
- Torque Wrench



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

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

Driver Side Front: _____

Passenger Side Front: _____

Driver Side Rear: _____

Passenger Side Rear: _____

Important Notes:

- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Jeep dealer or an authorized dealer for details.
- Once the installation of this suspension lift is completed, the drag link must be adjusted to center the steering wheel before the vehicle is driven. Failure to do so will cause computer errors, odd handling characteristics, & poor performance.
- Once the installation of this suspension lift is completed, a qualified alignment facility is required to realign the vehicle to the OEM specifications.

Component Box Breakdown:

Part #: JK30BPH

Item #	Description	Qty	Item #	Description	Qty
JK25FS	JK FRONT COIL SPRING	2	HB-JK2500B	HDWR BAG: JK30BPH	1
JK25RS	JK REAR COIL SPRING	2	H7065	FRONT HYDRO SHK / RED BOOT	2
JK25RBS-S	JK REAR BUMP STOP BRACKET	2	H7067	REAR HYDRO SHK / RED BOOT	2
SBE502-L	JK REAR SWAY BAR END LINK	2	I-JK30BP	INST SHEET: JK30BPH	1
JKRTBUE-B	JK UPR REAR TRACK BAR BRKT	1			

Hardware Bag Breakdown:

Part # HB-JK2500B

Item #	Description	Qty	Item #	Description	Qty
BPS20-B	JK FRONT BUMP STOP SPACER	2	38X234BHB	3/8 X 2 3/4 BUTTON HEAD BOLT	2
JKRTBUE-CS	CRUSH SLEEVE / JKRTBUE-B	1	38CTN	3/8 COARSE THREAD LOCK NUT	2
403712	ES22 SLEEVE / 1.25" LONG	4	38SAEW	3/8 SAE WASHER	2
12X112FTB	1/2 X 1 1/2 FINE THREAD BOLT	1	516X1FTB	5/16 X 1 FINE THREAD BOLT	4
12X212BHCTB	1/2 X 2 1/2 BUTTON HEAD BOLT	4	516FTN	5/16 FINE THREAD LOCK NUT	4
12CTN	1/2 COARSE THREAD LOCK NUT	4	516SAEW	5/16 SAE WASHER	8
12FTN	1/2 FINE THREAD LOCK NUT	1	916X312FTB	9/16 X 3 1/2 FINE THREAD BOLT	1
12SAEW	1/2 SAE WASHER	6	916FTN	9/16 FINE THREAD LOCK NUT	1
12USSW	1/2 USS WASHER	4	916SAEW	9/16 SAE WASHER	2

Front Installation:

1. Park the vehicle on a level concrete or asphalt surface, set the emergency brake & block the rear tires / wheels.
2. Raise the front of the vehicle & support securely using jack stands.
3. Remove the front tires / wheels.
4. Remove the OEM front sway bar end links. **Note:** Save the OEM front sway bar end links hardware. The OEM front sway bar end links hardware will be re-used later for Step # 19 of this installation.
5. Disconnect the OEM front track bar from the axle mount. (See Photo # 1)
6. Mark the location of the OEM front drive shaft & front differential yoke, then disconnect.
7. Remove the OEM front shocks.
8. While checking for appropriate slack in ABS lines, brake lines, differential breather hose, & etc. Lower the front differential & remove the OEM front coil springs. (See Photo # 2)



9. Place the new Skyjacker bump stop spacers on the center of the OEM bump stop pads located on the front axle. Mark, center punch, & drill using a 25/64" drill bit. (See Photo # 3)
10. Install the new Skyjacker front bump stop spacers & new Skyjacker front coil springs. Attach each new front bump stop spacer to the axle using the supplied 3/8" x 2 3/4" button head bolts, washers, & nuts. (See Photo # 4)
11. Raise the front differential in order to load the new Skyjacker front coil springs & attach the OEM track bar to the axle mount using the OEM hardware.
12. Align the previously made marks made in Step # 6 & attach the OEM front drive shaft.
13. Install the new Skyjacker front shocks using the supplied hardware & OEM hardware.
14. Install the front tires / wheels & lower the front of the vehicle to the ground.



Rear Installation:

15. Block the front tires / wheels, raise the rear of the vehicle, & support securely using jack stands.
16. Remove the rear tires / wheels.
17. Remove the OEM rear shocks.
18. Disconnect the OEM rear track bar from the frame.
19. Remove the OEM rear sway bar end links. Relocate the OEM rear sway bar end links to the front of the vehicle using the OEM hardware saved from Step # 4.
20. While checking for appropriate slack in ABS lines, brake lines, differential breather hose, & etc. Lower the rear differential & remove the OEM rear coil springs.
21. Place the new Skyjacker rear track bar relocation bracket over the OEM rear track bar bracket on the frame with the offset towards the rear of the vehicle. Install the new rear track bar relocation bracket using the supplied crush sleeve, 1/2" x 1 1/2" bolt, 9/16" x 3 1/2" bolt, washers, & nuts. (See Photo # 5)
22. Install the new Skyjacker rear coil springs.



23. Attach the new Skyjacker rear bump stop spacers to the OEM locations on the axle using the supplied 5/16" x 1" fine thread bolts, washers, & nuts. (See Photo # 6) **Note:** Install the new bump stop spacers so the angled end is towards the rear of the vehicle.

24. Raise the rear differential in order to load the new Skyjacker rear coil springs. Install the new Skyjacker rear sway bar end links using the supplied steel sleeves, 1/2" x 2 1/2" button head bolts, washers, & nuts. Use the larger USS washer under the head of the bolts & the smaller SAE washer under the nuts. (See Photo # 6) **Note:** If using an OEM wheel, the upper rear sway bar end link bolts will need to be installed from the outside in for wheel clearance.



25. Install the new Skyjacker rear shocks using the supplied hardware & OEM hardware.

26. Install the rear tires / wheels & lower the rear of the vehicle to the ground.

Final Notes:

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

<u>TORQUE SPECIFICATIONS</u>					
<u>INCH SYSTEM</u>			<u>METRIC SYSTEM</u>		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	15 FT LB	20 FT LB	6MM	5 FT LB	9 FT LB
3/8	30 FT LB	35 FT LB	8MM	18 FT LB	23 FT LB
7/16	45 FT LB	60 FT LB	10MM	32 FT LB	45 FT LB
1/2	65 FT LB	90 FT LB	12MM	55 FT LB	75 FT LB
9/16	95 FT LB	130 FTLB	14MM	85 FT LB	120 FT LB
5/8	135 FT LB	175 FT LB	16MM	130 FT LB	165 FT LB
3/4	185 FT LB	280 FT LB	18MM	170 FT LB	240 FT LB

- The above specifications are not to be used when the bolt is being installed with a bushing.

Seat Belts Save Lives, Please Wear Your Seat Belt.