



www.skyjacker.com

# 84-01 Jeep Cherokee XJ 2" Poly Value Kit Installation Instructions

### REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Floor Jack
- Jack Stands
- Measuring Tape
- 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:

- This lift is determined from the amount of lift to the front of the vehicle, while only lifting the rear to a position level with the front.
- If larger tires (10% more than the stock diameter) are installed, speedometer recalibration will be necessary. Contact your local Jeep dealer or an authorized dealer for details.
- After installation a qualified alignment facility is required to align the vehicle to factory specifications.

## Component Box Breakdown:

### Part #: XJ20

Item #	Description	Qty	Item #	Description	Qty
TJ2P-S	2" TJ/XJ/XJ/MJ POLY SPACER	2	HB-XJ20	HDWR BAG FOR XJ20	1
XJ55RS-B	XJ REAR SHACKLE	2	I-XJ20	INST SHEET FOR XJ20 POLY	1

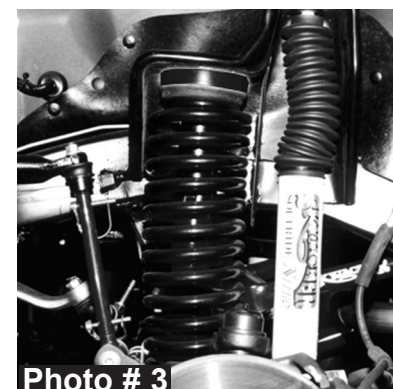
## Hardware Bag Breakdown:

### Part # HB-XJ20

Item #	Description	Qty	Item #	Description	Qty
10X20MMB	10 X 20 METRIC BOLT/10.9	2	SSXJ	SHACKLE SLEEVE FOR XJ	2
SP2400	JEEP XJ/YJ SHACKLE BUSHING	4	ZF316	ZERK FITTING ALEMITE, 3/16"	2

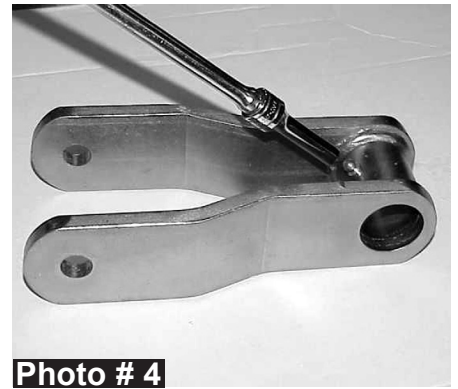
## Front Installation:

1. With the vehicle on flat level ground, set the emergency brake & block the rear tires.
2. Raise the front of the vehicle & install jack stands under the frame behind the lower link rear brackets.
3. Remove the front tires / wheels & front shocks.
4. Loosen, but **DO NOT** remove the sway bar end link lower bolts at the axle housing on both sides. (See Photo # 1)
5. Lower the front axle until the coil springs become loose & remove the bottom bolt & clip from the left front coil spring.
6. Remove both coil springs & install the new Skyjacker 2" coil spring spacers on top of the OEM pads. (See Photo # 2)
7. Raise the differential so enough load is applied to hold the coil springs in place & reinstall the spring bolt & clip at the bottom of left front coil spring. (See Photo # 3)
8. Install the new Skyjacker front shocks using the OEM hardware.
9. Install the front tires / wheels & lower the vehicle to the ground.
10. Tighten the sway bar end link lower bolts loosened from Step # 4.

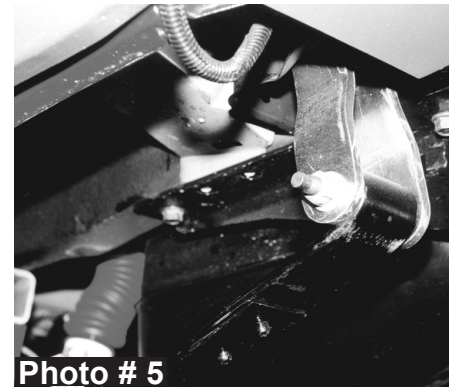


## **Rear Installation:**

11. Block the front wheels, raise the rear of the vehicle, & support securely with jack stands.
12. Remove the rear tires / wheels & rear shocks.
13. Prepare the new Skyjacker shackles by inserting a poly bushing half into each side & press a steel sleeve into the bushings.
14. Using a 1/4" socket & hammer, gently tap the grease fitting into the hole drilled in each shackle. (See Photo # 4)
15. The OEM upper most inner bumper bolts on each side of the frame are too long & will interfere with the thicker / longer shackles supplied. Therefore, remove the upper most inner bumper bolts on each side of the frame & replace them with the shorter 10mm x 20mm bolts supplied. (See Photo # 5)
16. Disconnect the rear of the leaf spring from the OEM shackle.  
**Note:** Allow the axle to come down far enough to gain access to the shackle.
17. Remove the OEM shackle & install the new Skyjacker shackle assemblies using the OEM hardware. Reinstall the leaf springs.
18. Install the new Skyjacker rear shocks using the OEM hardware.
19. Install the rear tires / wheels & lower the vehicle to the ground. **Note:** Tighten the shackle bolts to 30 ft. lbs.



**Photo # 4**



**Photo # 5**

## **FINAL NOTES:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart below 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 front end to the factory specifications.
- Retorque all the bolts after the first 100 miles.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**

