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REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Drill / Assorted Drill Bits & 7/8" Hole Saw
- Floor Jack
- Jack Stands
- Measuring Tape
- Torque Wrench
- Pitman Arm Puller
- Reciprocating Saw / Cut Off Wheel
- Grinder

84 - 01 Jeep Cherokee XJ 4.5" - 8" Rock Ready II Suspension Lift Installation Instructions



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.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.
- A slip yoke eliminator kit (Part # RR231) & rear CV drive shaft are required for 6" & 8" lifts.

Component Box Breakdown:

Part #: JC48RRX / JC60RRX

Item #	Description	Qty
JC46LB-D1	XJ 4-8" DRV OUTER FRAME BRK	1
JC46LB-D2	XJ 4-8" DRV INNER FRAME BRK	1
JC46LB-P1	XJ 4-8" PASS OUTER FRAME BK	1
JC46LB-P2	XJ 4-8" PASS INNER FRAME BK	1
JLL46FD-SX-L	XJ 4-8" DRV LWR LK SGL FLEX	1
JLL46FP-SX-L	XJ 4-8" PAS LWR LK SGL FLEX	1
RR114X1R	NG ROD END 1 1/4"RIGHT HAND	2
114RFTJN	1 1/4" RIGHT HAND JAM NUT	2
HB-RR11414-4	HDWR BAG: RR114-14, 4 PCS	1

Item #	Description	Qty
JULF24-L	JEEP UPR LINK FRT FLEX SER	2
RR34X14RB	3/4"RH ROD END W/14MM BUSH	2
34RFTJN	3/4" RIGHT HAND JAM NUT	2
ABSS2535	BUMP STOP SPACER,3.5" TALL	2
JA500	PITMAN ARM JEEP XJ/ZJ/MJ	1
SH130	SHACKLE KIT FOR JC55R, XJ	1
HB-JC48RRX	HDWR BAG: JC48RRX	1
I-JCRRX	INSTRUCTION SHEET: JC48RRX	1

Part # HB-RR11414-4

Item #	Description	Qty
RR114-14	ROD END BUSHING 14MM ID	4

Part # SH130

Item #	Description	Qty
XJ55RS-B	XJ REAR SHACKLE	2

Item #	Description	Qty
HB-XJ20	HDWR BAG: SH130 & XJ20	1

Part # HB-XJ20

Item #	Description	Qty
10X20MMB	10 X 20 METRIC BOLT/10.9	2
SP2400	JEEP XJ/YJ SHACKLE BUSHING	4

Item #	Description	Qty
SSXJ	SHACKLE SLEEVE FOR XJ	2
ZF316	ZERK FITTING ALEMITE, 3/16"	2

Part # HB-JC48RRX

Item #	Description	Qty
10MMSHN	10MM HEX NUT,STANDARD	2
10MMX30MMB	10 X 30 METRIC BOLT/ 10.9	4
38X1FTB	3/8 X 1 FINE THREAD BOLT	4
38X1TCFB	3/8 X 1 THRD-CUTTER FLG BLT	8
38X412FTB	3/8 X 4 1/2 FINE THREAD BOL	2
38FTN	3/8-24 FINE N/I LOCK NUT	6
38SAEW	3/8 SAE WASHER	16
58X612FTB	5/8 X 6 1/2 FINE THD/ GR 8	2

Item #	Description	Qty
58FTN	5/8-18 NYLON INSERT LOCKNUT	2
58SAEW	5/8 SAE WASHERS	4
916X3FTB	9/16 X 3 FINE THREAD BOLT	2
916FTN	9/16-18 NYLON INSERT LOCKNU	2
916SAEW	9/16 SAE WASHERS	4
CS1000	JC46 INNER CRUSH SLEEVE	2
CS3938	JC46 OUTER CRUSH SLEEVE	2

Component Box Breakdown:

Part #: JC405XS2 / JC408XS2 / JC605XS2 / JC608XS2 / JC805XS2 / JC808XS2

Item #	Description	Qty	Item #	Description	Qty
BP59XJS	XJ FRONT POLY BUMP STOP (Included With 8" Lift)	2	SBE638-6XJ	END LINKS REAR 6-8" CHER XJ (Included With 6" & 8" Lifts)	1
FBL44-RBL44	BRAKE LINE SET 84-99 CHER	1	TBA10	FRT ADJ TRACK BAR 4" (Included With 4.5" Lift)	1
JC60RBS-B	RR BUMP STOP SPACERS XJ (Included With 6" & 8" Lifts)	2	TBA60	FRT ADJ TRACK BAR 6" (Included With 6" Lift)	1
HB-JC60RBS	HDWR BG: JC60RBS BUMP STP (Included With 6" & 8" Lifts)	1	TBA80	FRT ADJ TRACK BAR 8" (Included With 8" Lift)	1
SBE320	SWAY BAR LINKS 84-00 XJ 4" (Included With 4.5" Lift)	1	12X234X6U	1/2 X 2 3/4 X 6 U-BOLT RD (Included With *05XS2 Boxes)	4
SBE326	SWAY BAR LINKS 84-00 XJ 6" (Included With 6" Lift)	1	12X318X612U	1/2 X 3 1/8 X 6 1/2 U-BOLT (Included With *08XS2 Boxes)	4
SBE328	SWAY BAR LINKS 84-00 XJ 8" (Included With 8" Lift)	1	HB-12	HDWR BAR/ 1/2 NUTS/WASHERS	1

Part # FBL44

Item #	Description	Qty	Item #	Description	Qty
FBL44S	3/8RD BANJO-F03/38FE,23.375	2	HC1	HOSE/HORSESHOE CLIP	2
3CCW	COPPER CRUSH WASHER, 3/8"	4	BTIE	RED BOOT TIE	2
BE15	BRAKE LINE EXTENSIONS	2	I-BL	INSTRUCTIONS: BRAKE LINES	1

Part # RBL44

Item #	Description	Qty	Item #	Description	Qty
110-21-2	3/8" TEE/3/8-24 FEM,19.25"	1	BTIE	RED BOOT TIE	1
HC1	HOSE/HORSESHOE CLIP	1	I-BL	INSTRUCTIONS: BRAKE LINES	1

Part # HB-JC60RBS

Item #	Description	Qty	Item #	Description	Qty
516X1FTB	5/16 X 1 FINE THRD BOLT	4	516SAEW	5/16 SAE WASHER	4
516FTN	5/16" FINE THRD N/I LOCKNUT	4			

Part # SBE320 (Included With 4.5" Lift)

Item #	Description	Qty	Item #	Description	Qty
SBE320-L	SWAY BAR END LK TUBE,BENT	2	HB-SBENB02	HDWR BAG:SBE124,320,326,328	1
SBE-E1	SWAY BAR END LK EYE, WELD	4	I-SBE120/124	INST SHEET - SBE120/124/320	1
14X112SPIN	1/4 X 1 1/2 SNAPPER PIN	4			

Part # SBE326 (Included With 6" Lift)

Item #	Description	Qty	Item #	Description	Qty
SBE326-L	SWAY BAR END LK TUBE,BENT	2	HB-SBENB02	HDWR BAG:SBE124,320,326,328	1
SBE-E1	SWAY BAR END LK EYE, WELD	4	I-SBE120/124	INST SHEET - SBE120/124/320	1
14X112SPIN	1/4 X 1 1/2 SNAPPER PIN	4			

Part # SBE328 (Included With 8" Lift)

Item #	Description	Qty
SBE328-L	SWAY BAR END LK TUBE,BENT	2
SBE-E1	SWAY BAR END LK EYE, WELD	4
14X112SPIN	1/4 X 1 1/2 SNAPPER PIN	4

Item #	Description	Qty
HB-SBENB02	HDWR BAG:SBE124,320,326,328	1
I-SBE120/124	INST SHEET - SBE120/124/320	1

Part # HB-SBENB02

Item #	Description	Qty
SBB2	SWAY BAR U-BRKT FOR SBE	2
141509	ES25 SLEEVE, 1.50" LONG	4
716X112CTBG5	7/16 X 1 1/2 CRS BOLT/GRD 5	2
12X212CTBG5	1/2 X 2 1/2 CRS THD BLT,GR5	2

Item #	Description	Qty
12CTCLN	1/2"COARSE-CENTER LOCK NT	2
716CTN	7/16 COARSE THREAD L/N	2
716SAEW	7/16 SAE WASHER	2
12SAEW	1/2 SAE WASHER	2

Part # SBE638-6XJ (Included With 6" & 8" Lifts)

Item #	Description	Qty
SBE638-L	SWAY BAR END LINK, 6 3/8"	2
HG58125	HOURLASS 5/8" X 1.25"	4
12X2CP	1/2 X 2 CLEVIS PIN	2
12SAEW	1/2 SAE WASHER	2

Item #	Description	Qty
58SAEW	5/8 SAE WASHERS	2
142121	ES24 SLEEVE, 1.38" LONG	2
HP10393	HAIR PIN FOR 1/2"CLEVIS PIN	4

Part # TBA10 (Included With 4.5" Lift)

Item #	Description	Qty
TBA10-B	TRACK BAR FOR 4" TJ/XJ	1
RE34X34R	ROD END 3/4" RIGHT HAND THR	1
34RFTJN	3/4" RIGHT HAND JAM NUT	1
7400WS	WHITE STEERING DAMPER	1
BTIE	RED BOOT TIE	1

Item #	Description	Qty
B10RS	RED BOOT	1
NSS	NITRO SHOCK DECAL	1
I-TBA10	INSTRUCTIONS FOR TBA10	1
HB-TBA60	HDWR BAG FOR TBA10/60/80	1

Part # TBA60 (Included With 6" Lift)

Item #	Description	Qty
TBA60-B	TRACK BAR FOR 6" TJ/XJ	1
RE34X34R	ROD END 3/4" RIGHT HAND THR	1
34RFTJN	3/4" RIGHT HAND JAM NUT	1
7400WS	WHITE STEERING DAMPER	1
BTIE	RED BOOT TIE	1

Item #	Description	Qty
B10RS	RED BOOT	1
NSS	NITRO SHOCK DECAL	1
I-TBA10	INSTRUCTIONS FOR TBA10	1
HB-TBA60	HDWR BAG FOR TBA10/60/80	1

Part # TBA80 (Included With 8" Lift)

Item #	Description	Qty
TBA80-B	TRACK BAR FOR 8" TJ/XJ	1
RE34X34R	ROD END 3/4" RIGHT HAND THR	1
34RFTJN	3/4" RIGHT HAND JAM NUT	1
7400WS	WHITE STEERING DAMPER	1
BTIE	RED BOOT TIE	1

Item #	Description	Qty
B10RS	RED BOOT	1
NSS	NITRO SHOCK DECAL	1
I-TBA10	INSTRUCTIONS FOR TBA10	1
HB-TBA60	HDWR BAG FOR TBA10/60/80	1

Part # HB-TBA60

Item #	Description	Qty	Item #	Description	Qty
TJDLB	TJ DRAG LINK BUSHING, 1.125"	2	142121	ES24 SLEEVE, 1.38" LONG	1
12X212FSB	1/2 X 2 1/2 FLAT SOCKET BLT	1	81004	TAPERED SLEEVE, 1/2" I.D.	1
12X312FTB	1/2 X 3 1/2 FINE THREAD BLT	1	LT100	NUTS N' BLTS 427 1 ML TUBE	1
12USSW	1/2 USS WASHER	1	HOURGLASS 5/8	HOURGLASS 5/8 SHK BUSH	2
12SAEW	1/2 SAE WASHER	1	P837	STAB TAPERED STUD/141264	1
12STVCTN	1/2" STOVER COARSE, LCK NUT	1	140629	EB6 STUD BAG - P932/140629	1
12STVFTN	1/2" STOVER LKNUT, FINE THD	1	7146-B	TJ TRACK BAR/STAB BRKT	1
2888	BUSHING JEEP TRACK BAR	2			

Part # HB-12

Item #	Description	Qty	Item #	Description	Qty
12FTN	1/2-20 FINE N/I LOCK NUT	8	12UBW	1/2" U-BOLT WASHER, A325	8

Pre-Installation Tips:

Now you are ready to "set" the length of the new Skyjacker upper & lower link assemblies. It is very important to position the swivel ball socket so the bushings are exactly centered. Measure the length of the link assembly center to center & rotate the rod end as needed, being sure to keep the rod end square with the eyelet end until the link assembly measures:

Measurements:

Front upper link should be set @ 15 3/8"

Front lower link should be set @ 29 11/16"

These are pre-alignment measurements only. Final Measurements are to be set by a qualified alignment facility.

On the rod end, rotate the jam nut against the steel tubing. Hold the rod end in place with a pipe wrench & use another pipe wrench on the jam nut to completely tighten.

Note: The jam nut must be tightened against the steel tubing before installation.



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 & support the vehicle with jack stands.
3. Remove the front tires / wheels, front shocks, steering stabilizer, & track bar.
4. Remove the drag link assembly from the OEM pitman arm. Remove the OEM pitman arm from the steering box using a pitman arm puller & install the new Skyjacker pitman arm. (See Photo # 1)
5. Remove the sway bar end links & brake calipers. **Note:** Simply wire the brake caliper out of the way. It will not be necessary to disconnect the brake line from the brake caliper at this time.
6. Lower the front differential until the OEM coil springs become loose. Remove the coil spring retaining bolt & clip on the bottom of the left coil spring & remove the front OEM coil springs. (See Photo # 2)
7. Drill a 3/8" hole in each lower coil seat using the OEM indentation as a guide. Install the new Skyjacker poly bump stop spacers using the 3/8" x 4 1/2" bolts, nuts, & washers. (See Photo # 3) **Note:** Tighten the 3/8" bolt until the top of the washer is flush with the top of the new Skyjacker bump stop spacer. **8" Lift:** Remove the OEM upper bump stop by pulling back & forth with pliers & install the new Skyjacker upper poly bump stops.
8. With the front differential supported, remove the OEM lower control arms. It will now be necessary to remove the OEM lower control arm mounting brackets. Locate the OEM lower control arm brackets, draw a line along the outer face of the bracket along the body. (See Photo # 4) Connect the lines drawn on all sides of the bracket in order to have a single cutting reference line. Cut along the drawn line using a reciprocating saw or similar tool. (See Photo # 5) **Note:** Be careful not to cut into the body of the vehicle. If necessary, grind off any excess material in order to smooth any rough edges & paint the exposed surface. (See Photo # 6)



Photo # 1



Photo # 2



Photo # 3



Photo # 4



Photo # 5



Photo # 6

9. Support the transmission cross member, remove the mounting hardware & lower the cross member 1 1/2". If equipped, jam the supplied 10mm x 1.5 standard nuts together on the OEM cross member stud to remove the OEM studs from the body. (See Photo # 7)
10. Align the two rearward slotted mounting holes of the new Skyjacker outer lower link bracket with the two mounting holes of the cross member & attach using the supplied 10mm x 30mm bolts & washers. (See Photo # 8)
11. Mark, center punch, & drill the three small mounting holes of the new outer bracket using a 5/16" drill bit. Once drilled, attach using the supplied 3/8" x 1" thread cutting bolts. (See Photo # 9)
12. Using the large mounting hole of the new outer bracket as a template, drill thru the outer portion of the body using a 7/8" hole saw. **Note:** Drill only thru the outer portion of the body, do not drill completely thru to the inside of the body. (See Photo # 10)
13. Using the supplied 5/8" x 6 1/2" bolt, washer, & 3.938" long sleeve (Part # CS3938). Place the 5/8" flat washer & 3.938" long sleeve onto the 5/8" x 6 1/2" bolt & install thru the newly drilled 7/8" mounting hole & inner body mounting hole.
14. Place the supplied 1" long sleeve (Part # CS100) onto the 5/8" x 6 1/2" bolt exposed at the inner body mounting hole. (See Arrow in Photo # 11) **Note:** It may be necessary to slightly bend the brake / fuel hard lines along the body for proper clearance of the new 1" long sleeve (Part # CS100).
15. Install the new Skyjacker inner lower link bracket using the supplied 5/8" washer & nut at the front portion of the new bracket & 3/8" x 1" bolts, washers, & nuts. (See Photo # 12)



Photo # 7



Photo # 8



Photo # 9



Photo # 10



Photo # 11

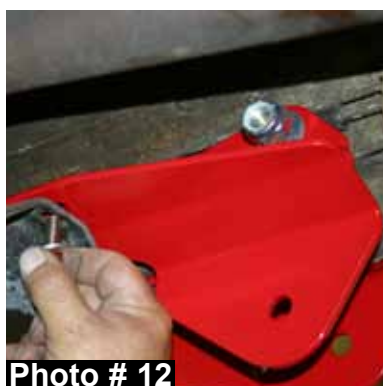


Photo # 12

16. Mark, center punch, & drill the lower rear mounting hole of the new outer bracket using a 5/16" drill bit. Once drilled, attach using the supplied 3/8" x 1" thread cutting bolt. (See Photo # 13) **Note:** If desired, the front slotted mounting hole of the new outer bracket may be utilized by tapping the OEM hole with a 7/16" coarse thread tap & installing a 7/16" x 1" coarse thread bolt & washer. (**Not Included**)

17. Install the new Skyjacker coil springs & reinstall the OEM coil spring retaining bolt & clip on the bottom of the left coil spring. (See Photo # 14)

18. Insert two large step spacers into the rod end of each new Skyjacker lower link.

19. Install the new Skyjacker lower links with the rod end to the new body bracket & the bushing end to the OEM axle mount with the upper link tabs leaning inward using the OEM hardware. (See Photo # 15 & # 16)

20. Install the new Skyjacker upper links with the rod end to the upper link tabs of the new lower links using the supplied 9/16" x 3" bolts, washers, & nuts. Install the forked end of the new upper link to the OEM axle mount using the OEM hardware. (See Photo # 16)

21. Install the new Skyjacker adjustable track bar by greasing & installing the two poly bushings & sleeve. Insert the bushing end into the OEM steering stabilizer location on the passenger side of the axle, not the OEM track bar location. Install the new Skyjacker steering stabilizer mounting bracket with the tab over the OEM sway bar end link stud with the OEM nut. Use the 1/2" x 2 1/2" flat socket head bolt & stover nut to bolt the new Skyjacker bracket to the track bar. (See Photo # 17) **Note:** In extreme situations (Depending on pinion angle & caster settings), the drag link may contact this bracket when turning. If needed, this bracket can be slightly ground for additional clearance.



22. Install the frame end of the new Skyjacker track bar by following the hardware pictured. (See Photos # 18 & # 19) Be sure to keep the rod end square (parallel) with the frame mount. **Note:** Be sure no more than 1/2" of threads are extended from the bar (including the jam nut). Hold the rod end in place with a crescent wrench & tighten using a pipe wrench or crescent wrench on the jam nut.



Photo # 18

23. Install the steering stabilizer mounting stud in the hole of the drag link & upper mounting hole on the new Skyjacker track bar bracket. Install the provided 5/8 hourglass bushings into the new Skyjacker steering stabilizer & attach to the new Skyjacker studs. (See Photo # 20)



Photo # 19

24. The new Skyjacker end link mounting bracket should be mounted to the bottom of the OEM sway bar with the bolt pointing up through the sway bar & the nut & washer applied on top. (See Photo # 21) **Note:** Apply lithium grease to the metal sleeves & insert the metal sleeves into the end link eyes. The top 1/2" x 2 1/2" bolt connecting the bracket to the end link must be installed with the nut to the outside of the vehicle to provide adequate clearance to the body. Install the new Skyjacker end links on the inboard side of the axle, being sure that the offset is turned correctly. (See Photo # 22)



Photo # 20

25. Remove the front OEM flexible brake lines from the body & brake calipers. Install the new Skyjacker front brake lines using the new Skyjacker mounting brackets & OEM hardware. (Photo # 23)

26. Install the brake calipers & new Skyjacker front shocks.

27. Install the front tires / wheels & lower the front of the vehicle to the ground.

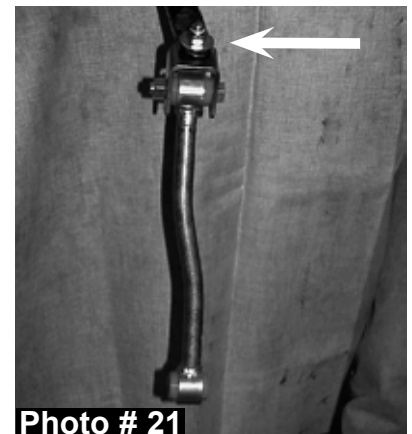


Photo # 21

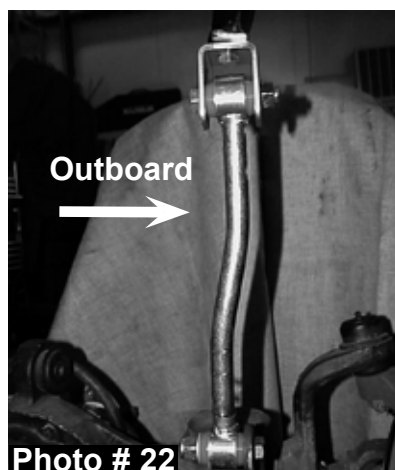


Photo # 22

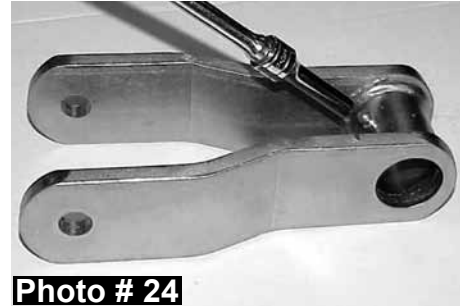


Photo # 23

Rear Installation:

1. With the vehicle on flat level ground, set the emergency brake & block the front tires.
2. Raise the rear of the vehicle & support the vehicle with jack stands.
3. Remove the rear tires / wheels & rear shocks.

4. Prepare the new Skyjacker shackles by inserting a poly bushing half into each side & a steel sleeve into each shackle. Install the drive-in grease fitting in each end of the new Skyjacker shackles by using a 1/4" socket over the grease fittings. Tap with a hammer until the grease fitting is completely tapped in. (See Photo # 24)



5. Remove the upper most inner bumper bolt on each side of the body & replace with the supplied 10mm X 20mm bolts.

6. Remove the axle u-bolts & lower the axle to remove the leaf springs.
Note: Care should be taken when the u-bolts are removed, the axle can move freely.

7. **6" & 8" Lifts:** Install the new poly bushings into the eyelets of the new Skyjacker end links & insert one of the new steel sleeves into one end of each of the new sway bar end links.



8. **6" & 8" Lifts:** Remove the sway bar end links & measure a 1/4" from each end of the sway bar. Mark, center punch, & drill thru the sway bar using a 1/8" drill bit.

9. **6" & 8" Lifts:** Install the non-sleeved end of the new end links to the sway bar using the supplied 5/8" flat washers & clevis pin clips. Install the sleeved end of the new end links to the lower sway bar mounts using the supplied 1/2" x 2" clevis pins (**Install from the outside so the clevis pin clips will be towards the inside**), 1/2" washers, & clevis pin clips. (See Photo # 25)

10. Remove the OEM shackles & install the new Skyjacker shackles using the OEM hardware.

11. Install the new Skyjacker leaf spring assemblies with the thick end of the degree shim towards the rear of the vehicle & raise the rear axle, aligning the spring pins with the axle housing. Install the new Skyjacker u-bolts & tighten evenly.



12. **6" & 8" Lifts:** Remove the OEM bump stops & install the new Skyjacker bump stop spacers to the body using the OEM hardware. Reinstall the OEM bump stops to the new bump stop spacers using the supplied 5/16" x 1" bolts, washers, & nuts. (See Arrow in Photo # 26)

13. Remove the rear OEM flexible brake line & install the new Skyjacker rear brake line using the OEM hardware.
14. Install the new Skyjacker rear shocks.
15. Install the rear tires / wheels & lower the rear of the vehicle to the ground.

Final Notes:

- **BLEED THE BRAKE SYSTEM:**

- A) Fill master cylinder with D.O.T. approved brake fluid.
 - B) Pump the brake pedal & hold down. While the pedal is down, open the bleeder screw to release any air out of the system. Tighten the bleeder screw, let pedal up, & re-pump. Continue the pumping & bleeding process until no air is being expelled.
 - C) Bleed each brake line & make sure your master cylinder is full of brake fluid after each bleeding process.
 - D) The brake pedal will not "pump up" or have excessive down-travel if all the air is not out of the system.
 - F) It is the customer's responsibility to check the brake lines for any leaks, abrasion, proper clearances, & brake line fittings after the first 100 miles & after every off-road activity.
- 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 align the vehicle to the OEM specifications.
 - After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.

Accessories:

- | | |
|--|---------------|
| • 3/4" Coil Spring Isolators Pads (Pair) | Part # SIP275 |
| • Heavy Duty Tie Rod Tube ('91-'01 Models) | Part # TR300 |
| • Transfer Case Lowering Kit | Part # TCL32 |
| • Slip Yoke Eliminator Kit (N/P 231) | Part # RR231 |

<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.