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REQUIRED TOOL LIST:

- \* Safety Glasses
- \* Metric / Standard Wrenches & Sockets
- \* Allen Wrenches
- \* Drill & Assorted Drill Bits
- \* Grinder / Cut Off Wheel
- \* Pipe Wrench
- \* Floor Jack
- \* Jack Stands
- \* Measuring Tape
- \* Torque Wrench

**97- 06 Jeep Wrangler  
TJ / Unlimited Rock Ready I  
6" 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 lift kit, call 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.
- 6-Speed transmission models may require additional modifications, contact Skyjacker @ 318-388-0816 for additional information.

- Exhaust modifications may be necessary.
- A slip yoke eliminator kit (Part # RR231) & a rear C.V. drive shaft are required.
- Rubicon models require a C.V. yoke (Part # CVR680) & a replacement C.V. drive shaft.
- 2003-2006 models with an automatic transmission must remove the front transmission skid plate for driveshaft clearance.

## Kit Box Breakdown:

### Part #: TJ68RRX

| ITEM#       | DESCRIPTION                 | QTY |
|-------------|-----------------------------|-----|
| TJ60DFB-B   | TJ 6-9"/DRVR FRAME BRACKET  | 1   |
| TJ60PFB-B   | TJ 6-9"/ PASS FRAME BRKT    | 1   |
| TJ6VXFURB   | 6-8"TJ,VAL FX,FRNT UPR BRKT | 1   |
| TJ6VXRURB   | 6-8"TJ,VAL FX,REAR UPR BRKT | 1   |
| JLL2501-SVX | TJ LWR LNK BENT SGL FLEX/PR | 2   |
| TJ60RTB     | TJ 6-8"/REAR TRACK BRKT KIT | 1   |
| JSRB231A    | NP231 TRANSFER CASE SHIFTER | 1   |
| FBL44-RBL98 | BRAKE LINE SET 97-01 TJ     | 1   |
| TJRSB10     | 99>TJ,REAR SHOCK RELOC BRKT | 1   |
| HB-TJ68RRX  | HDWR BAG: TJ68RRX COM BOX   | 1   |

### Part #: TJ6VXFURB

| ITEM#       | DESCRIPTION                 | QTY |
|-------------|-----------------------------|-----|
| TJ6VXFDRB-B | 6"TJ VAL FLEX,FRT DRVR RELO | 1   |
| TJ6VXFPRB-B | 6"TJ VAL FLEX,FRT PASS RELO | 1   |

### Part #: TJ6VXRURB

| ITEM#       | DESCRIPTION                 | QTY |
|-------------|-----------------------------|-----|
| TJ6VXRDRB-B | 6"TJ VAL FLEX,REAR DRVR REL | 1   |
| TJ6VXRPRB-B | 6"TJ VAL FLEX,REAR PASS REL | 1   |

### Part #: JLL2501-SVX

| ITEM#         | DESCRIPTION                 | QTY |
|---------------|-----------------------------|-----|
| JLL2501SX-ASY | TJ LOWER LINK BENT SGL FLEX | 2   |
| RR114-14      | ROD END BUSHING 14MM ID     | 4   |

## Part #: TJ60RTB

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| TJ60RTB-B | TJ 6-8"/ REAR TRK BAR BRKT  | 1   |
| 12X70MMB  | 12 X 70 METRIC BOLT/10.9    | 1   |
| 141509    | ES25 SLEEVE/403646 1.50"    | 1   |
| 12X114FTB | 1/2 X 1 1/4 FINE THD BOLT   | 1   |
| 516X1FTB  | 5/16 X 1 FINE THRD BOLT     | 1   |
| 12MMN     | 12 MM NUT (METRIC)          | 1   |
| 516FTN    | 5/16" FINE THRD N/I LOCKNUT | 1   |
| 12FTN     | 1/2-20 FINE N/I LOCK NUT    | 1   |
| 12SAEW    | 1/2 SAE WASHER              | 4   |
| 516SAEW   | 5/16 SAE WASHER             | 2   |

## Part #: JSRB231A

| ITEM#       | DESCRIPTION                 | QTY |
|-------------|-----------------------------|-----|
| TJSRB-1     | TJ MAIN SHIFT RELOCATE BRKT | 1   |
| TJSRB-2     | TJ AUX. SHIFT RELOCATE BRKT | 1   |
| HB-JSRB231A | HDWR BAG: JSRB231A T/C BRKT | 1   |
| I-JSRB231   | INST. SHEET FOR JSRB231     | 1   |

### Hardware Bag Breakdown:

#### HB-JSRB231A      HARDWARE BAG

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| 516X1FTB  | 5/16 X 1 FINE THRD BOLT     | 2   |
| 516FTN    | 5/16" FINE THRD N/I LOCKNUT | 2   |
| 38FSFTN   | 3/8-24 FLANGE SERRATED NUT  | 2   |
| 516SAEW   | 5/16 SAE WASHER             | 2   |
| SS312-UL  | JSRB SLEEVE, .312/.302 LONG | 1   |
| SS1062-UL | JSRB SLEEVE,1.062/1.052LONG | 1   |
| FSB3838   | FLANGED SLV BRG 3/8" X 3/8" | 2   |
| TS38      | EXT.TUBE,3.25"/FOR JSRB KIT | 1   |

## Part #: FBL44

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

## Part #: RBL98

| ITEM#  | DESCRIPTION                 | QTY |
|--------|-----------------------------|-----|
| RBL98S | 38TEE-90DGRE,SKJF09,23.375" | 1   |
| BE15   | BRAKE LINE EXTENSIONS       | 1   |
| HC1    | HOSE/HORSESHOE CLIP         | 1   |
| I-BL   | INSTRUCTIONS: BRAKE LINES   | 1   |

## Part #: TJRSB10

| ITEM#      | DESCRIPTION                | QTY |
|------------|----------------------------|-----|
| JRSRB1-B   | JEEP TJ REAR SHOCK BRACKET | 2   |
| HB-TJRSB10 | HDWR BAG: TJRSB10          | 1   |
| I-TJRSB10  | INST SHEET FOR TJRSB10     | 1   |

### Hardware Bag Breakdown:

#### HB-TJRSB10      HARDWARE BAG

| ITEM#   | DESCRIPTION                 | QTY |
|---------|-----------------------------|-----|
| 12X3FTB | 1/2 X 3 FINE THREAD BOLT    | 4   |
| 38X1FTB | 3/8 X 1 FINE THREAD BOLT    | 2   |
| 12FTN   | 1/2-20 FINE N/I LOCK NUT    | 4   |
| 38FTN   | 3/8-24 FINE N/I LOCK NUT    | 2   |
| 12SAEW  | 1/2 SAE WASHER              | 8   |
| 38SAEW  | 3/8 SAE WASHER              | 4   |
| 12XTFW  | 1/2"EXTRA THICK FLAT WASHER | 4   |
| 142121  | ES24 SLEEVE/402087 1.38"    | 2   |

## Hardware Bag Breakdown:

### HB-TJ68RRX            HARDWARE BAG

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 10MMX80MMB   | 10 X 80 METRIC BOLT/ 10.9   | 4          |
| 10MMN        | 10 MM N/I LOCKNUT           | 4          |
| 12X30SHB     | 12MM X 30 SOCKET HEAD BOLT  | 2          |
| 12X3FSB      | 1/2 X 3 FLAT SOCKET BOLT    | 6          |
| 12MMX80B     | 12 X 80 METRIC BOLT/10.9    | 6          |
| 12FTN        | 1/2-20 FINE N/I LOCK NUT    | 4          |
| 12SAEW       | 1/2 SAE WASHER              | 8          |
| 38SAEW       | 3/8 SAE WASHER              | 8          |
| 516X1FTB     | 5/16 X 1 FINE THRD BOLT     | 1          |
| 516X34TCFB   | 5/16 X 3/4 THD CUT FLG BOLT | 1          |
| 516FTN       | 5/16" FINE THRD N/I LOCKNUT | 1          |
| 516SAEW      | 5/16 SAE WASHER             | 1          |
| CCTJ         | COIL SPRING CLIP / JEEP TJ  | 1          |
| 12X412FTB    | 1/2 X 4 1/2 FINE THD GRD. 8 | 4          |
| 12XTFW       | 1/2"EXTRA THICK FLAT WASHER | 8          |
| 12X114FTB    | 1/2 X 1 1/4 FINE THD BOLT   | 1          |
| TRB10-S      | TIE ROD END BOOT/ SMALL     | 4          |
| 716X312FTB   | 7/16 X 3 1/2 FINE THD,GR 8  | 4          |
| 716FTN       | 7/16-20 FINE N/I LOCK NUT   | 4          |
| 716SAEW      | 7/16 SAE WASHER             | 8          |

### Part #: TJ60RR1

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| RRSP20       | STRG BX SKID PLATE 97-06 TJ | 1          |
| SBE226       | SWAY BAR END LINK FRT 6" TJ | 1          |
| SBE606       | END LINKS REAR 97-01 6-8" T | 1          |
| TBA60        | FRT ADJ TRACK BAR 6"        | 1          |
| BP50S        | BUMP STOP WRANGLER TJ       | 4          |
| ABSS252      | BUMP STOP SPACR,3"OD-2"TALL | 4          |
| JA750        | PITMAN ARM TJ,YJ W/PWR STRG | 1          |
| TJ68SP       | SKID PLT BRKTS,03>TJ 6",8"  | 1          |
| HB-ABSS252   | HDWR BAG FOR ABSS252        | 1          |
| I-TJ60RRX1   | INSTRUCTION SHEET: TJ60RR1  | 1          |

### Part #: RRSP20

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| RRSP20-S     | STRG GEAR BX SKID PLATE R/R | 1          |
| HB-SSP10     | HARDWARE BAG FOR SSP10      | 1          |
| I-SSP10      | INSTRUCTIONS FOR SSP10      | 1          |

**Hardware Bag Breakdown:**

**HB-SSP10                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| RRSP20-S     | STRG GEAR BX SKID PLATE R/R | 1          |
| HB-SSP10     | HARDWARE BAG FOR SSP10      | 1          |
| I-SSP10      | INSTRUCTIONS FOR SSP10      | 1          |

**Part #: SBE226**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| SBE326-L     | SWAY BAR END LINK TUBE,BENT | 2          |
| SBE-E1       | SWAY BAR END LK EYE, WELDED | 4          |
| 14X112SPIN   | 1/4 X 1 1/2 SNAPPER PIN     | 4          |
| HB-SBENB01   | HDWR BAG:SBE120,225,228,401 | 1          |
| I-SBE120/124 | INST SHEET - SBE120/124/320 | 1          |

**Hardware Bag Breakdown:**

**HB-SBENB01                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| SBB2         | SWAY BAR U-BRACKET FOR SBE  | 2          |
| 141509       | ES25 SLEEVE/403646 1.50"    | 4          |
| 12X212CTBG5  | 1/2 X 2 1/2 CRS THD BLT,GR5 | 2          |
| 10X35MMB     | 10MM X 35 METRIC BOLT/10.9  | 2          |
| 12CTCLN      | 1/2"COARSE-CENTER LOCK NUT  | 2          |
| 10MMN        | 10 MM N/I LOCKNUT           | 2          |
| 38SAEW       | 3/8 SAE WASHER              | 2          |
| 12SAEW       | 1/2 SAE WASHER              | 2          |

**Part #: SBE606**

| <b>ITEM#</b>  | <b>DESCRIPTION</b>          | <b>QTY</b> |
|---------------|-----------------------------|------------|
| SBE506-L      | REAR,SWAY BAR END LK,SINGLE | 2          |
| HOURGLASS 3/4 | HOURGLASS 3/4 SHOCK BUSHING | 4          |
| 142118        | ES34 SLEEVE/404094 1.66"    | 4          |

## Part #: TBA60

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

### Hardware Bag Breakdown:

#### HB-TBA60                      HARDWARE BAG

| ITEM#         | DESCRIPTION                 | QTY |
|---------------|-----------------------------|-----|
| TJDLB         | TJ DRAG LINK BUSHING,1.125" | 2   |
| 12X212FSB     | 1/2 X 2 1/2 FLAT SOCKET BLT | 1   |
| 12X312FTB     | 1/2 X 3 1/2 FINE THREAD BLT | 1   |
| 12USSW        | 1/2 USS WASHER              | 1   |
| 12SAEW        | 1/2 SAE WASHER              | 1   |
| 12STVFTN      | 1/2" STOVER LKNUT, FINE THD | 1   |
| 2888          | BUSHING JEEP TRACK BAR      | 2   |
| 142121        | ES24 SLEEVE/402087 1.38"    | 1   |
| 81004         | TAPERED SLEEVE, 1/2" I.D.   | 1   |
| LT100         | NUTS N' BOLTS 427 1 ML TUBE | 1   |
| HOURGLASS 5/8 | HOURGLASS 5/8 SHOCK BUSHING | 2   |
| P837          | STAB TAPERED STUD/141264    | 1   |
| 140629        | EB6 STUD BAG - P932/140629  | 1   |
| 7146-B        | TJ TRACK BAR/STAB BRACKET   | 1   |
| 12STVCTN      | 1/2"STOVER COARSE, LOCK NUT | 1   |

## Part #: TJ68SP

| ITEM#       | DESCRIPTION                 | QTY |
|-------------|-----------------------------|-----|
| TJ03SPRDB-1 | 03 SKID PLT,REAR DRIVER BKT | 1   |
| TJ03SPRPB-2 | 03 SKID PLT,REAR PASS BRKT  | 1   |
| HB-TJ68SP   | HDWR BAG:SKID PLT,03>TJ6,8" | 1   |

**Hardware Bag Breakdown:**

**HB-TJ68SP                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>         | <b>QTY</b> |
|--------------|----------------------------|------------|
| 38X114FTB    | 3/8 X 1 1/4 FINE THD/GRD 8 | 2          |
| 38FTN        | 3/8-24 FINE N/I LOCK NUT   | 2          |
| 38SAEW       | 3/8 SAE WASHER             | 4          |

**Hardware Bag Breakdown:**

**HB-ABSS252                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 38X234FTB    | 3/8 X 2 3/4 FINE THREAD BOL | 4          |
| 38FTN        | 3/8-24 FINE N/I LOCK NUT    | 4          |
| 38SAEW       | 3/8 SAE WASHER              | 4          |

**Part #: TJ60URRX**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| TJ65UDFB-B   | TJ,6"DRVR FRAME BRKT,05UNLT | 1          |
| TJ65UPFB-B   | TJ,6"PASS FRAME BRKT,05UNLT | 1          |
| TJ6VXRDRB-B  | 6"TJ VAL FLEX,REAR DRVR REL | 1          |
| TJ6VXRPRB-B  | 6"TJ VAL FLEX,REAR PASS REL | 1          |
| TJ6VXFDRB-B  | 6"TJ VAL FLEX,FRT DRVR RELO | 1          |
| TJ6VXFPRB-B  | 6"TJ VAL FLEX,FRT PASS RELO | 1          |
| JLL2501-SVX  | TJ LWR LNK BENT SGL FLEX/PR | 2          |
| TJ60RTB      | TJ 6-8"/REAR TRACK BRKT KIT | 1          |
| JSRB2315U    | JEEP SHIFT REL BRKT/05 UNLT | 1          |
| FBL44        | FRONT BRK LN,84-01CHER,3-6" | 1          |
| TJRSB10      | 99>TJ,REAR SHOCK RELOC BRKT | 1          |
| RBLE60U-S    | REAR BRK EXT,6"VAL FX,UNLTD | 1          |
| HB-TJ68RRX   | HDWR BAG: TJ68RRX COM BOX   | 1          |

**Part #: JLL2501-SVX**

| <b>ITEM#</b>  | <b>DESCRIPTION</b>          | <b>QTY</b> |
|---------------|-----------------------------|------------|
| JLL2501SX-ASY | TJ LWR LK BENT SGL FLEX ASY | 2          |
| RR114-14      | ROD END BUSHING 14MM ID     | 4          |



## Part #: TJ60RTB

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| TJ60RTB-B | TJ 6-8"/ REAR TRK BAR BRKT  | 1   |
| 12X70MMB  | 12 X 70 METRIC BOLT/10.9    | 1   |
| 141509    | ES25 SLEEVE/403646 1.50"    | 1   |
| 12X114FTB | 1/2 X 1 1/4 FINE THD BOLT   | 1   |
| 516X1FTB  | 5/16 X 1 FINE THRD BOLT     | 1   |
| 12MMN     | 12 MM NUT (METRIC)          | 1   |
| 516FTN    | 5/16" FINE THRD N/I LOCKNUT | 1   |
| 12FTN     | 1/2-20 FINE N/I LOCK NUT    | 1   |
| 12SAEW    | 1/2 SAE WASHER              | 4   |
| 516SAEW   | 5/16 SAE WASHER             | 2   |

## Part #: JSRB2315U

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| TJSRB-1   | TJ MAIN SHIFT RELOCATE BRKT | 1   |
| TJSRB-2   | TJ AUX. SHIFT RELOCATE BRKT | 1   |
| FSB3838   | FLANGED SLV BRG 3/8" X 3/8" | 2   |
| SS312-UL  | JSRB SLEEVE, .312/.302 LONG | 1   |
| SS1062-UL | JSRB SLEEVE,1.062/1.052LONG | 1   |
| TS38      | EXT.TUBE,3.25"/FOR JSRB KIT | 1   |
| 516X1FTB  | 5/16 X 1 FINE THRD BOLT     | 2   |
| 516FTN    | 5/16" FINE THRD N/I LOCKNUT | 2   |
| 38FSFTN   | 3/8-24 FLANGE SERRATED NUT  | 2   |
| 516SAEW   | 5/16 SAE WASHER             | 2   |
| I-JSRB231 | INST. SHEET FOR JSRB231     | 1   |

## Part #: FBL44

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

## Part #: TJRSB10

| ITEM#      | DESCRIPTION                | QTY |
|------------|----------------------------|-----|
| JRSRB1-B   | JEEP TJ REAR SHOCK BRACKET | 2   |
| HB-TJRSB10 | HDWR BAG: TJRSB10          | 1   |
| I-TJRSB10  | INST SHEET FOR TJRSB10     | 1   |

**Hardware Bag Breakdown:****HB-TJRSB10                    HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 12X3FTB      | 1/2 X 3 FINE THREAD BOLT    | 4          |
| 38X1FTB      | 3/8 X 1 FINE THREAD BOLT    | 2          |
| 12FTN        | 1/2-20 FINE N/I LOCK NUT    | 4          |
| 38FTN        | 3/8-24 FINE N/I LOCK NUT    | 2          |
| 12SAEW       | 1/2 SAE WASHER              | 8          |
| 38SAEW       | 3/8 SAE WASHER              | 4          |
| 12XTFW       | 1/2"EXTRA THICK FLAT WASHER | 4          |
| 142121       | ES24 SLEEVE/402087 1.38"    | 2          |

**Hardware Bag Breakdown:****HB-TJ68RRX                    HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 10MMX80MMB   | 10 X 80 METRIC BOLT/ 10.9   | 4          |
| 10MMN        | 10 MM N/I LOCKNUT           | 4          |
| 12X30SHB     | 12MM X 30 SOCKET HEAD BOLT  | 2          |
| 12X3FSB      | 1/2 X 3 FLAT SOCKET BOLT    | 6          |
| 12MMX80B     | 12 X 80 METRIC BOLT/10.9    | 6          |
| 12FTN        | 1/2-20 FINE N/I LOCK NUT    | 4          |
| 12SAEW       | 1/2 SAE WASHER              | 8          |
| 38SAEW       | 3/8 SAE WASHER              | 8          |
| 516X1FTB     | 5/16 X 1 FINE THRD BOLT     | 1          |
| 516X34TCFB   | 5/16 X 3/4 THD CUT FLG BOLT | 1          |
| 516FTN       | 5/16" FINE THRD N/I LOCKNUT | 1          |
| 516SAEW      | 5/16 SAE WASHER             | 1          |
| CCTJ         | COIL SPRING CLIP / JEEP TJ  | 1          |
| 12X412FTB    | 1/2 X 4 1/2 FINE THD GRD. 8 | 4          |
| 12XTFW       | 1/2"EXTRA THICK FLAT WASHER | 8          |
| 12X114FTB    | 1/2 X 1 1/4 FINE THD BOLT   | 1          |
| TRB10-S      | TIE ROD END BOOT/ SMALL     | 4          |
| 716X312FTB   | 7/16 X 3 1/2 FINE THD,GR 8  | 4          |
| 716FTN       | 7/16-20 FINE N/I LOCK NUT   | 4          |
| 716SAEW      | 7/16 SAE WASHER             | 8          |

## **Pre-Installation Tips:**

**Now you are ready to "set" the length of the new Rock Ready™ link assemblies.**

It is very important to position the swivel ball socket so that the bushings are exactly centered. Measure the length of the link assembly between the center of the eyelet & the rod end. Rotate the rod end as needed, being sure to keep the rod end square with the eyelet end until the link assembly measures:

### **6" Measurements**

Lower Front should be set @ 30 1/8"

Lower Rear should be set @ 29 1/8"

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

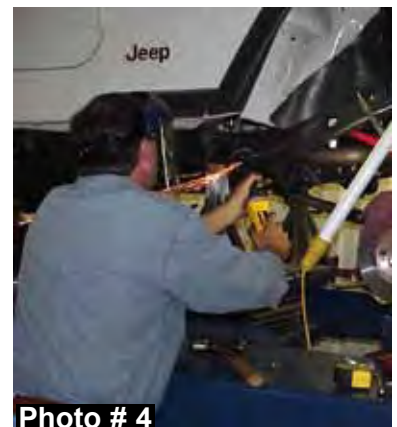
On the rod end, rotate the jam nut against the steel tubing. Hold the rod end in place with a pipe wrench & use another pipe wrench on the jam nut to completely tighten.

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

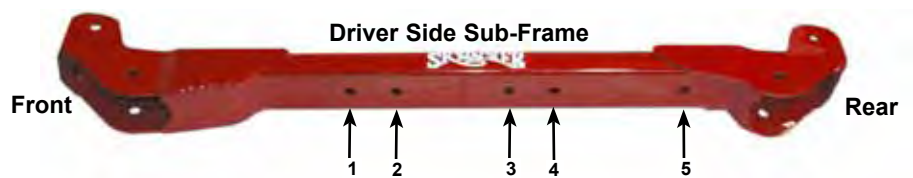


## **Front Installation:**

1. Secure & properly block the tires of the vehicle on a level concrete or asphalt surface.
2. Raise the front of the vehicle & support the vehicle with jack stands.
3. Remove the front tires, front shocks, steering stabilizer, & track bar.
4. Remove the draglink from the pitman arm & install the new Skyjacker pitman arm at this time.
5. Remove the sway bar end links & brake calipers from the OEM mounts. (See Photo # 1)
6. Lower the front differential & remove the front coil springs.
7. Remove the OEM bump stop by pulling back & forth with pliers & install the new Skyjacker poly bump stops.
8. Drill a 3/8" hole in the indent of the lower coil seat & install the new Skyjacker (round) polymer bump stop spacer. (See Photo # 2)
9. Tighten the 3/8" bolt until the top of the washer is flush with the top of the new Skyjacker bump stop spacer. (See Photo # 3)
10. Remove the front lower control arms. Using care, grind off the OEM lower control arm mounts & paint the exposed surface. (See Photo # 4)
11. Place a jack under the transmission skid plate. Remove the mounting hardware & lower the skid plate two inches.



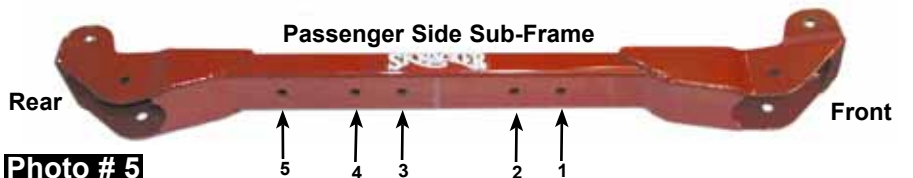
12. Place the new Skyjacker left & right sub frames between the bottom of the frame & skid plate. Fasten using the 1/2" x 3" flat socket bolts on 97-02 models & use the 12mm x 80mm bolts on the 03-06 models. (See Photo # 5)



**Note:** Skyjacker sub frames are designed to work on 1997-2006 Jeep TJ's. Therefore, each sub frame will have multiple mounting holes.

- 1997-2002 models use mounting holes 1,3, & 5.
- 2003-2006 models use holes 2 & 4. See I-TJ68SP instruction for the 3rd mounting bolt & skid plate modifications.

**Note:** On some models it may be necessary to grind down the OEM rear step bar nut insert on the outside of the frame. This will allow for the subframe rail to mount flush.



**Photo # 5**

13. With the new Skyjacker sub frame attached with the lower bolts, drill the outer mounting locations using a 1/2" drill bit. Drill completely through the frame & the mounting tab located on the back side of the sub frame. (See Photo # 6) Once drilled, install the 1/2" x 4" fine thread bolt, washers, & nuts.



**Photo # 6**

14. The new Skyjacker lower control arms mount to the OEM lower location at the differential & to the new position of the Skyjacker sub frame. Insert two large stepped spacers into the rod end of the new Skyjacker lower control arms & fasten using the OEM hardware. Install the rod end to the axle mount & the bushing end to the frame mount. (See Photo # 7)



**Photo # 7**

15. Disconnect the upper front control arm from the frame & axle. **Note:** Only disconnect one arm at a time so that the axle does not roll. (See Photo # 8)

**Important Note:**

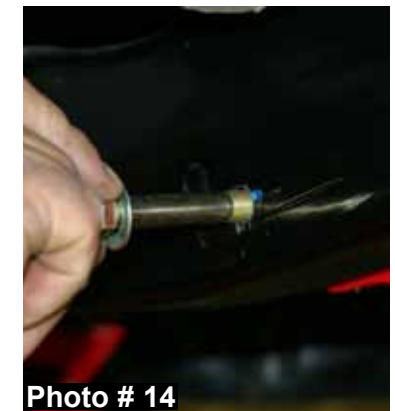
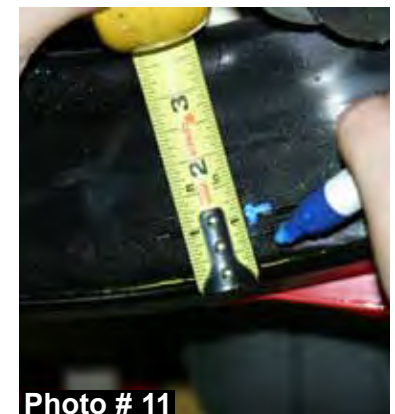
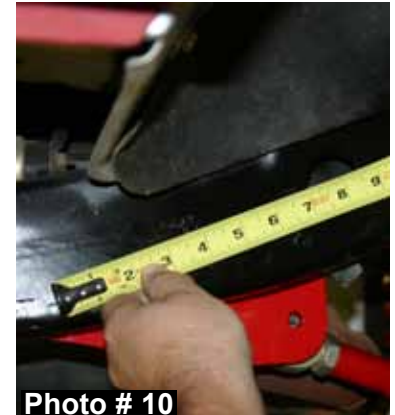
Exhaust modifications may be necessary to allow for articulation & clearance of the new Skyjacker drop down bracket. On some models, the cross over pipe will need to be shortened so that it does not run under the control arm & new bracket.



**Photo # 8**



16. Install the new Skyjacker upper arm relocation bracket & attach it to the OEM control arm position using the OEM hardware. **Note:** Do not tighten at this time. (See Photo # 9)
17. Measure from the edge of the upper arm access hole 7 1/8" toward the rear of the vehicle & measure from the bottom of the frame up 3/4". Make marks where both of the measurements align & center punch. (See Photo # 10 & # 11)
18. Using a square, align the bracket with the bottom of the frame & clamp in place. Where centered punched, drill thru the frame & bracket using a 7/16" drill bit. (See Photo #12 & # 13) **Note:** Always use a smaller drill bit to start & gradually increase drill bit sizes to the desired hole diameter.
19. Install the 7/16" x 3 1/2" fine thread bolt, washer, & nut thru the drilled hole of the bracket & frame. (See Photo # 14)
20. Install the OEM upper control arm to the new Skyjacker bracket using the 10mm x 80mm bolt supplied & tighten all bolts at this time.
21. Attach the OEM upper control arm to the axle using the OEM hardware.
22. Install the new Skyjacker transfer case shifter bracket (Part # JSRB231A) using the instruction provided.

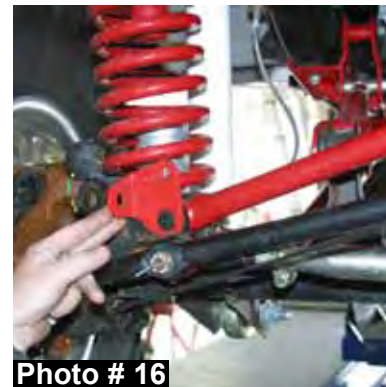


23. Lower the front differential & install the new Skyjacker coil springs placing the top of the coil spring over the upper bump stop mount first. Provided with the coil springs is the clip & hardware to fasten the passenger front coil spring like the driver's side. (See Photo # 15) The OEM manufacturer provides the hole in the left lower coil spring mount for you to fasten the coil spring securely to its seat. Install it the same as on the driver side.



5/16" x 3/4"  
thread cutter  
flange bolt.

24. Install the new Skyjacker adjustable track bar by first greasing & installing the two poly bushings & sleeve. Insert the poly 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 using 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 # 16) **Note:** In extreme situations (Depending on pinion angle & caster settings), the drag link may contact this bracket when turning. This bracket can be slightly ground for additional clearance, if needed.



25. Install the frame end of the new Skyjacker track bar by following the hardware pictured. (See Photos # 17 & # 18) Being 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 # 17

26. 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 # 19)

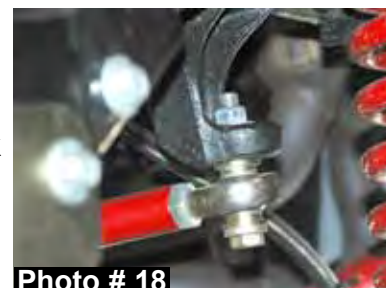


Photo # 18

27. Install the front brake lines using the instructions provided with the brake line kit.



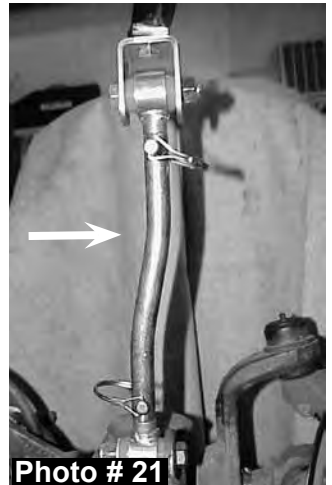
Photo # 19

28. The new Skyjacker end link mounting bracket should be mounted to the bottom of the sway bar with the bolt pointing up through the sway bar & with the nut & washer applied on top. (See Photo # 20) Apply grease to the metal sleeves & insert them 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 frame. Install the new Skyjacker double disconnect end links on the inboard side of the axle bracket, being sure that the offset is turned inward.(See Photo # 21)

29. Install the front tires & lower the vehicle to the ground.

## **Rear Installation:**

1. Raise the rear of the vehicle & support the vehicle with jack stands.
2. Remove the rear tires & shock absorbers.
3. Disconnect the rear track bar from the differential & remove the sway bar end links.
4. Lower the differential & remove the rear coil springs.
5. Drill a 3/8" hole into the center of the rear lower spring seat.
6. Remove the upper bump stop by pulling back & forth with pliers. Replace with the new Skyjacker poly bump stop.
7. Install the new Skyjacker rear coil springs.
8. Slide the new Skyjacker polymer bump stop spacer between the wraps in the coil spring. Attach the bump stop spacer to the previously drilled hole using the 3/8" x 4" fine thread bolts, washers, & nut. Tighten the 3/8" bolt until the top of the washer is flush with the top of the bump stop spacer. (See Photo # 22)
9. Place the new Skyjacker track bar relocating bracket over the OEM track bar mount at the differential. Place the new 12mm x 70mm bolt through the OEM track bar location. Use the supplied spacer to fill the space where the OEM track bar was located. Apply the lock nut & tighten.





10. Drill a 1/2" hole through the hole in the driver's side of the new Skyjacker track bar bracket. Install the 1/2" x 1 1/4" bolt with washers on each side through the newly drilled hole & tighten with the self locking nut. Install the 5/16" x 1" fine thread bolt, washers, & nut into the forward hole of the new bracket. (See Photo # 23) Install the new Skyjacker adjustable rear track bar using the instructions provided. Be sure to install both the upper & lower bolts from the rear forward. **Note:** 8" lifts come with an adjustable rear track bar & specific instructions.



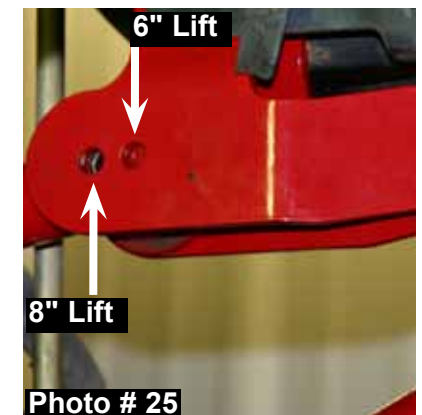
11. Remove the lower control arms & rear lower control arm mounts at the frame. Repeat the process from the front lower control arm mount. Clean & paint the exposed surfaces. The new Skyjacker rear lower control arms mount to the OEM lower location at the differential & to the new position of the sub frame. Insert two step spacers into the rod end of the new Skyjacker lower control arm. Install the new Skyjacker lower control arm with the rod end to the axle mount & the bushing end to the frame mount. Fasten using the OEM hardware. (See Photo # 24)



12. Remove the upper control arms, freeing the rear brake line, emergency brake cables, & rear sway bar end links.

**Note:** The rear upper link brackets feature two mounting locations for the upper arms. If installing a Skyjacker 6" lift, use the forward hole in the bracket & the rearward hole for 8" lifts. (See Photo # 25)

13. Install the new Skyjacker upper arm relocation bracket & attach it to the OEM control arm position using the OEM hardware. **Note:** Do not tighten at this time. (See Photo # 26)



14. Measure from the edge of the upper arm access hole 8 1/2" toward the front of the vehicle & measure from the bottom of the frame up 1". Make marks where both of the measurements align & center punch. (See Photo # 26 & # 27)

15. Using a square, align the bracket with the bottom of the frame & clamp in place. Where centered punched, drill thru the frame & bracket using a 7/16" drill bit. **Note:** Always use a smaller drill bit to start & gradually increase drill bit sizes to the desired hole diameter.



Photo # 27  
I-TJ60RRX1

Photo # 28

16. Install the 7/16" x 3 1/2" fine thread bolt, washer, & nut thru the drilled hole of the bracket & frame.
17. Install the OEM upper control arm to the new Skyjacker bracket using the 10mm x 80mm bolt supplied & tighten all bolts at this time.
18. Attach the OEM upper control arm to the axle using the OEM hardware.
19. If the vehicle is equipped with an optional upper control arm eccentric cam bolt, they must be reused.
20. Assemble the new Skyjacker rear sway bar end links by applying grease to the poly bushings & inserting them into each eye along with a sleeve. Install using OEM hardware.
21. Install the OEM rear brake line using the supplied relocation bracket. **(Unlimited models)**
22. Install the new Skyjacker rear brake line using the instruction provided. **(TJ models)**
23. Install the new Skyjacker rear coil springs & rear shocks.
24. Reinstall the rear tires & lower 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 again 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.**

| <b><u>TORQUE SPECIFICATIONS</u></b> |                |                |                             |                  |                   |
|-------------------------------------|----------------|----------------|-----------------------------|------------------|-------------------|
| <b><u>INCH SYSTEM</u></b>           |                |                | <b><u>METRIC SYSTEM</u></b> |                  |                   |
| <b>Bolt Size</b>                    | <b>Grade 5</b> | <b>Grade 8</b> | <b>Bolt Size</b>            | <b>Class 8.8</b> | <b>Class 10.9</b> |
| 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 FT LB      | 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.**

**Note:** 03-06 models will require modification to the OEM skid plate in order to install the Skyjacker sub frame.

1. With the skid plate removed, use the supplied templates to scribe & cut the rear of the OEM transfer case skid plate. (See Photo # 1, # 2, & # 3)
2. Photo # 4 shows the portion removed from the driver side. Photo # 5 shows the portion removed from the passenger side.
3. With the transfer case skid plate modified, locate the new Skyjacker rear mounting brackets. Mount the new bracket to the new control arm mounting point on the sub frame. Mount using the OEM lower control arm bolt. Install the bracket so that it is flush against the sub frame & the back of the skid plate. (See Photo # 6)
4. Once installed, mark & drill the new mounting point on the skid plate using a 3/8" drill bit. Install & tighten the new 3/8" x 1 1/4" bolt & hardware at this time.

Refer back to lift kit instructions at this time.



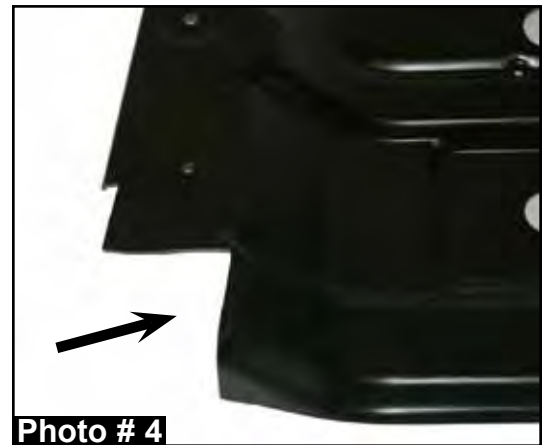
**Photo # 1**  
Driver Side Shown Above



**Photo # 2**  
Passenger Side Shown Above



**Photo # 3**



**Photo # 4**

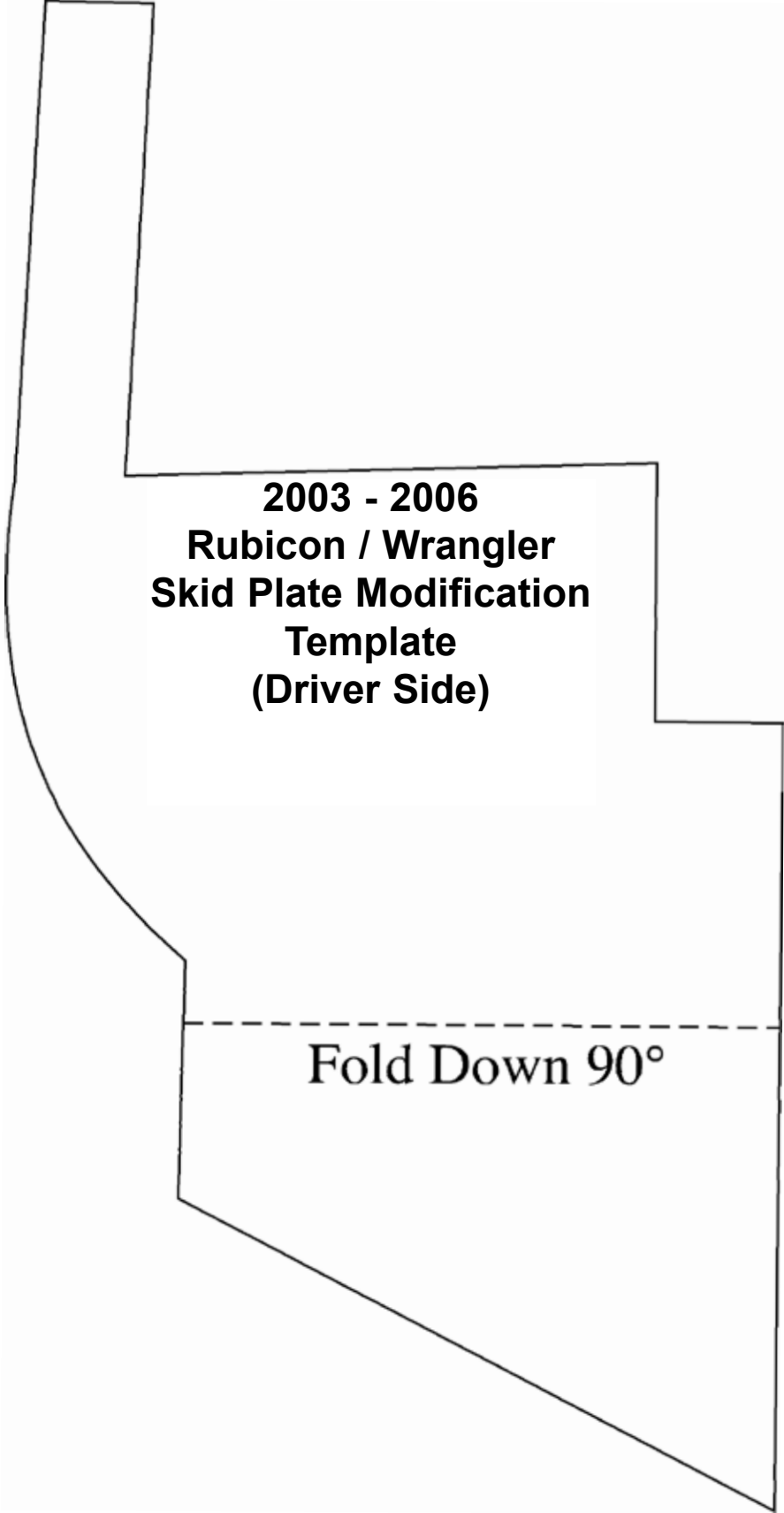


**Photo # 5**



**Photo # 6**





**2003 - 2006  
Rubicon / Wrangler  
Skid Plate Modification  
Template  
(Driver Side)**

Fold Down 90°



**2003 - 2006  
Rubicon / Wrangler  
Skid Plate Modification  
Template  
(Passenger Side)**

Fold Down 90°





# SKYJACKER® SUSPENSIONS

## Skyjacker® 97-06 Jeep Accessories

- Steering Box Skid Plate Part # RRSP20



- Heavy-Duty Tie Rod Tube Part # TR300



- High Capacity Oil Pan  
(97-02 Models w/ Automatic Transmission)  
Part# OPA999



- Shifter Relocation Bracket  
(Included in Rock Ready® Kits)  
Regular TJ with NP231 Transfer Case  
Part # JSRB231A  
Unlimited, Rubicon & Rubicon Unlimited  
Part # JSRB2315U



- Rear Shock Relocation  
Brackets Part # TJRSB10



- Stainless Steel Brakelines 4"-10" Lift  
Front Part # FBL44 Rear Part # RBL98



- Heavy-Duty Limiting Straps

|           |           |
|-----------|-----------|
| LS16K 16" | LS28K 28" |
| LS20K 20" | LS32K 32" |
| LS24K 24" |           |



- Rock Ready® Grab Handles

|          |          |
|----------|----------|
| RRGH20-K | 2" Black |
| RRGH20-R | 2" Red   |
| RRGH30-K | 3" Black |
| RRGH30-R | 3" Red   |



- C.V. Yoke (Rubicon Models Only)  
Part # CVR680



- High Clearance Transfer Case Skid Plate.  
97-06 Models Part # SP176



- Heavy-Duty Adjustable Rear Sway Bar  
Part # RSBA410



Contact your distributor & get your Skyjacker® Jeep Accessories Today!!



Jesus Forgives,  
Rocks Don't

**Jesus Christ Died For You.**

John 3:16

For God so loved the world that He gave His only Son, so that everyone who believes in Him should not perish, but have everlasting life.  
Romans 3:23

For all have sinned; all fall short of God's glorious standard.  
Ephesians 2:8

God saved you by his special favor when you believed. And you can't take credit for this; it is a gift from God.  
Psalms 18:2

The Lord is my Rock, my fortress, and my savior; my God is my Rock, in whom I find protection. He is my shield, the strength of my salvation, and my stronghold.  
Romans 10:9-10

That if you shall confess with thy mouth the Lord Jesus, and shall believe in your heart that God hath raised him from the dead, you shall be saved. For with the heart man believeth unto righteousness; and with the mouth confession is made unto salvation.

Pray This Simple Prayer:  
God, I come to You admitting I have sinned against You and I need you to take control of my life. The Bible says anyone who calls on the name of the Lord will be saved. I am calling on You, Jesus. I ask that You come live in my heart and be the Lord over my life today. I do believe You died on the cross for me and came back to life to give me life! Thank You, Lord Jesus for a new life in You!

Now, go and tell somebody about your new life in Jesus, get a Bible, begin to read it, and go to a Bible believing church.

If you would like someone to pray with you, call Kenneth Copeland Ministries anytime at 800-600-7395.

To listen to commercial free Christian radio on the web, go to [www.887fm.org](http://www.887fm.org)

**Jesús murió por ti.**

Juan 3:16

“Porque tanto amó Dios al mundo, que dio a su Hijo unigénito, para que todo el que cree en él no se pierda, sino que tenga vida eterna.”  
Romanos 3:23

“Pues todos han pecado y están privados de la gloria de Dios.”  
Efesios 2:8

“Porque por gracia ustedes han sido salvados mediante la fe; esto no procede de ustedes, sino que es el regalo de Dios.”  
Salmos 18:2

“El Señor es mi roca, mi amparo, mi libertador; es mi Dios, el peñasco en que me refugio. Es mi escudo, el poder que me salva, ¡mi más alto escondite!”  
Romanos 10:9-10

“9 Que si confi esas con tu boca que Jesús es el Señor, y crees en tu corazón que Dios lo levantó de entre los muertos, serás salvo. 10 Porque con el corazón se cree para ser justifi cado, pero con la boca se confi esa para ser salvo.”

Ahora dí esta simple oración:  
Dios, vengo a Ti y admito que he pecado contra Ti, necesito que tomes el control de mi vida. La Biblia dice que todo aquel que invoca el nombre del Señor escapará con vida. En este momento yo clamo ante Ti, Jesús; te pido que vengas a vivir en mi corazón y que tomes el control de mi vida. ¡Yo creo que tu moriste en la cruz y resucitaste para darme vida! ¡Gracias Señor Jesús, por una nueva vida que tengo en Ti! Amen.

Ahora ve y dile a alguien sobre la nueva vida que tienes en Cristo. Compra una Biblia y empieza a leerla. Busca una Iglesia que cree en la Biblia y hazte parte de esa Iglesia.

Si te gustaría orar con alguien, puedes llamar a este número 800-600-7395

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