



1997 - 2006 Jeep TJ Wrangler High Clearance Skid Plate Instructions

REQUIRED TOOL LIST:

- * Safety Glasses
- * Metric / Standard Wrenches & Sockets
- * Floor Jack
- * Jack Stands
- * 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.

Important Notes:

- If this product is to be installed on a 1997 - 2002 Jeep TJ with a manual transmission, Part # SPS28M must be ordered separately.
- This high clearance skid plate **will not** work on 2003 - 2006 Jeep TJ / LJ models with a manual transmission.
- If a Skyjacker Rock Ready suspension system is **not** being used, a one inch body lift & one inch motor mounts must be installed for transmission clearance. The SP176 give 1 1/2" more ground clearance over the OEM skid plate.

Part # SP176



Kit Box Breakdown:

Part #: SP176

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
SP176-S	SKID PLATE ASSEMBLY	1
EB2834-S	EXHAUST BRACKET	1
TM2834-S	TRANS MOUNT	1
SP2834-S-4	AIR COMP BRACKET BENT	1
SP2834-S-5	AIR COMP BRACKET FLAT	1
HB-SP283	HDWR BAG: SP176	1
I-SP283	INST SHEET: SP176	1

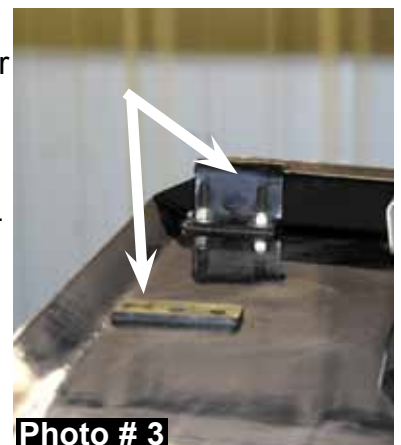
Hardware Bag Breakdown:

HB-SP283 **HARDWARE BAG**

<u>ITEM#</u>	<u>DESCRIPTION</u>	<u>QTY</u>
516X1FTB	5/16 X 1 FINE THREAD BOLT	4
516SAEW	5/16 SAE WASHER	12
516X1BHB	5/16 X 1 BUTTON HEAD BOLT	4
516FTN	5/16 FINE THREAD NYLON LOCK NUT	4
516CTN	5/16 COARSE THREAD NYLON LOCK NUT	4
716X1FTB	7/16 X 1 FINE THREAD BOLT	4
716SAEW	7/16 SAE WASHER	8
716FTN	7/16 FINE THREAD NYLON LOCK NUT	4

Installation:

1. Secure & properly block the tires of the vehicle on a level concrete or asphalt surface.
2. Properly support the transmission using a floor jack & jack stands in preparation for removing the OEM skid plate.
3. Remove the OEM skid plate & exhaust bracket. Install the OEM rubber bushings into the new Skyjacker exhaust bracket. (See Photo # 1)
4. Install the new Skyjacker exhaust bracket to the new Skyjacker transmission mount using the supplied 5/16" x 1" hardware.
Note: The exhaust bracket will mount to the bottom side of the transmission bracket.
5. Install the transmission bracket to the transmission using the OEM hardware.
6. Install the OEM rubber mount to the bottom of the transmission bracket using the supplied 7/16" x 1" hardware. (See Photo # 2)
7. Install the air compressor bracket (Rubicon models only) to the side of the new Skyjacker skid plate using the supplied 5/16" x 1" button head bolts. Place the spacer over the mounting location closest to the center of the skid plate. (See Photo # 3)
8. Install the air compressor bracket to the relocation bracket using the supplied 5/16" x 1" hardware & install to the inner mount using the supplied 5/16" x 1" button head bolts. (See Photo # 4)
9. Install the new Skyjacker skid plate to the frame using the OEM hardware. **Note:** Be sure to attach the rubber mount using the OEM hardware. (See Photo # 5)



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.
- After the first 100 miles, check all hardware for the proper torque & periodically thereafter.

Seat Belts Save Lives, Please Wear Your Seat Belt.

<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.**

SKYJACKER® SUSPENSIONS

Skyjacker® 1997- 2006 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

