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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. 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.

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 high clearance skid plate will give 1 1/2" more ground clearance over the OEM skid plate.

Kit Box Breakdown:

Part #: SP176

ITEM#	DESCRIPTION	QTY
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

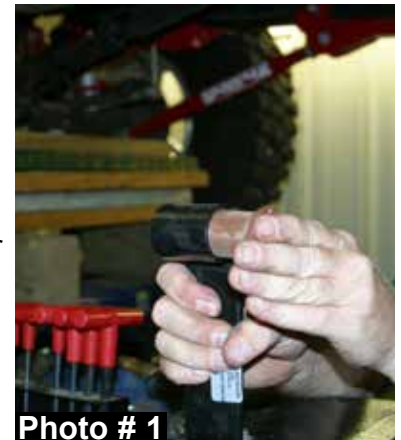
Hardware Bag Breakdown:

Part # HB-SP283

<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 / wheels 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 new Skyjacker transmission mount to the transmission using the OEM hardware.
6. Install the OEM rubber mount to the bottom of the new Skyjacker transmission mount using the supplied 7/16" x 1" hardware. (See Photo # 2)
7. Install the new Skyjacker 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 new Skyjacker air compressor spacer over the mounting location closest to the center of the skid plate. (See Photo # 3)



8. Install the OEM air compressor bracket to the new Skyjacker air compressor 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)



Photo # 4

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.



Photo # 5

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
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.



Skyjacker® 1997- 2006 Jeep TJ Accessories

- Steering Box Skid Plate / Part # RRSP20



- Heavy-Duty Tie Rod Tube / Part # TR300



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



- Shifter Relocation Bracket / Part # JSRB231A
(with NP231 Transfer Case)



- Rear Shock Relocation Brackets / Part # TJRSB10



- 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



- Stainless Steel Brakelines 4"-8" Lift
Front Part # FBL44 / Rear Part # RBL98



- High Clearance Transfer Case Skid Plate
Part # SP176

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