



# 1997 - 2006 Jeep Wrangler TJ Single Stabilizer Installation Instructions

## REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Tape Measure
- Torque Wrench

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## Component Box Breakdown:

### Part #: 7119 / 9119

Item #	Description	Qty	Item #	Description	Qty
7900WS	WHITE STEERING DAMPER (Included With 7119)	1	BTIE-K	BLACK BOOT TIE (Included With 9119)	1
9900WS	SILVER STEERING DAMPER (Included With 9119)	1	HSS	HYDRO SHOCK DECAL (Included With 7119)	1
B10RS	RED BOOT (Included With 7119)	1	SSD	SILVER STABILIZER DECAL (Included With 9119)	1
B10KS	BLACK BOOT (Included With 9119)	1	HB-7119	HARDWARE BAG: 7119 / 9119	1
BTIE	RED BOOT TIE (Included With 7119)	1	I-7119	INST SHEET: 7119 / 9119	1

## Hardware Bag Breakdown:

### Part # HB-7119

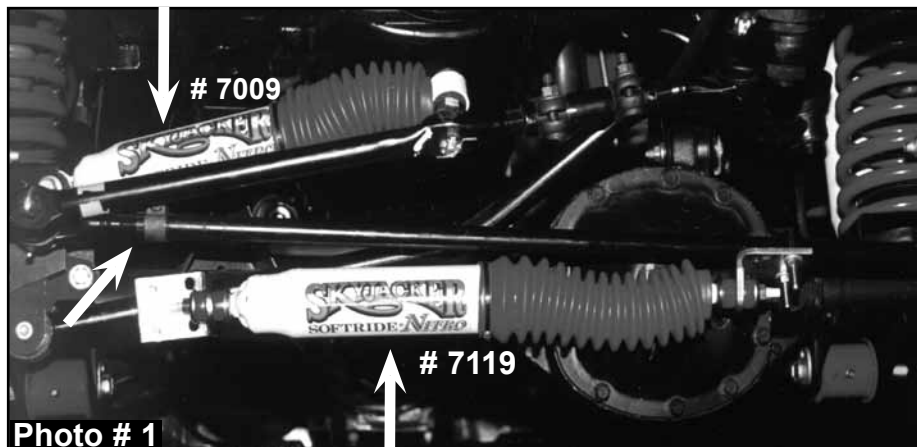
Item #	Description	Qty	Item #	Description	Qty
83161	TIE ROD BRACKET	2	516SAEW	5/16 SAE WASHER	8
516X1X134U	5/16 X 1 X 1 3/4 U-BOLT	2	142120	STAB WASH PKG	2
516X114X134U	5/16 X 1 1/4 X 1 3/4 U-BOLT	2	STEM BUSH-SST	STEM BUSHING	4
516CTN	5/16-18 COARSE N/I LOCK NUT	8			

## **Installation:**

1. Park the vehicle on a level concrete or asphalt surface with the front tires / wheels pointing straight forward.
2. Set the emergency brake & block the rear tires / wheels.
3. Place the new boot onto the new Skyjacker steering stabilizer, but **do not** secure the new boot with the supplied plastic tie at this time.
4. Install both of the new Skyjacker brackets onto each end of the new Skyjacker steering stabilizer using the supplied bushings & washer packs.
5. Pull the new Skyjacker steering stabilizer shaft out EXACTLY half-way & mount the new steering stabilizer in place using the supplied u-bolts (5/16" x 1 1/4" x 2 1/4" around the OEM track bar & 5/16" x 1" x 2 1/4" around OEM tie rod assembly) (See Photo # 1)

**Note:** Be sure the new Skyjacker passenger side bracket is located directly below the OEM tie rod clamp. (See In Arrow Photo # 1) After brackets are in position, tighten the U-bolts.

6. Turn the front tires / wheels fully to the left & right to make sure the new Skyjacker stabilizer is adjusted properly & secure the new Skyjacker boot to the new Skyjacker steering stabilizer using the supplied plastic tie.



## **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.)
- Cycle the steering of the vehicle left to right & check all parts for adequate clearance.
- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.

<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.

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