



1999 - 2004 Ford F250 / F350
2000 - 2005 Ford Excursion
Heavy Duty OEM
Single Steering Stabilizer
Installation Instructions

REQUIRED TOOL LIST:

- Safety Glasses
 - Metric / Standard Wrenches & Sockets
 - Torque Wrench
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Component Box Breakdown:

Part #: 7099 / 9099

Item #	Description	Qty	Item #	Description	Qty
7000WS	WHITE STEERING DAMPER (Included With 7099)	1	BTIE-K	BLACK BOOT TIE (Included With 9099)	1
9000WS	SILVER STEERING DAMPER (Included With 9099)	1	HSS	HYDRO SHOCK DECAL (Included With 7099)	1
B10RS	RED BOOT (Included With 7099)	1	SSD	SILVER STABILIZER DECAL (Included With 9099)	1
B10KS	BLACK BOOT (Included With 9099)	1	HB-7099	HARDWARE BAG: 7099 / 9099	1
BTIE	RED BOOT TIE (Included With 7099)	1	I-7099/7199	INST SHEET: 7099 / 9099	1

Hardware Bag Breakdown:

Part # HB-7099

Item #	Description	Qty	Item #	Description	Qty
HOURGLASS 5/8	HOURGLASS 5/8 BUSHING	2	12USSW	1/2 USS WASHER	3
141509	ES25 SLEEVE, 1.50" LONG	2			

Component Box Breakdown:

Part #: 7199 / 9199

Item #	Description	Qty	Item #	Description	Qty
7000WS	WHITE STEERING DAMPER (Included With 7099)	1	BTIE-K	BLACK BOOT TIE (Included With 9099)	1
9000WS	SILVER STEERING DAMPER (Included With 9099)	1	HSS	HYDRO SHOCK DECAL (Included With 7099)	1
B10RS	RED BOOT (Included With 7099)	1	SSD	SILVER STABILIZER DECAL (Included With 9099)	1
B10KS	BLACK BOOT (Included With 9099)	1	HB-7199	HARDWARE BAG: 7199 / 9199	1
BTIE	RED BOOT TIE (Included With 7099)	1	I-7099/7199	INST SHEET: 7099 / 9099	1

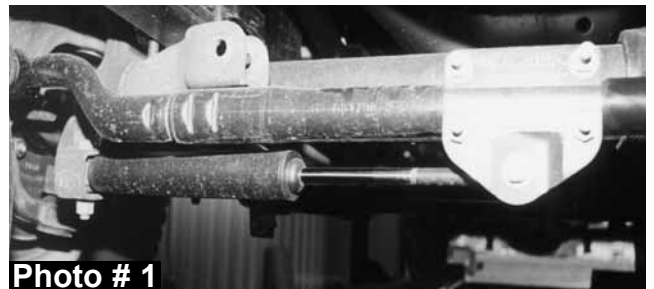
Hardware Bag Breakdown:

Part # HB-7199

Item #	Description	Qty	Item #	Description	Qty
7199-B	BRACKET	1	141509	ES25 SLEEVE, 1.50" LONG	1
516X114X134U	5/16 X 1 1/4 X 1 3/4 U-BOLT	2	140629	EB6 STUD BAG	1
516CTN	5/16 COARSE THRD LOCK NUT	4	12X3FTB	1/2 X 3 FINE THREAD BOLT	1
516SAEW	5/16 SAE WASHER	4	12FTN	1/2 FINE THRD LOCK NUT	1
HOURGLASS 5/8	HOURGLASS 5/8 BUSHING	2	12SAEW	1/2 SAE WASHER	2

Installation: Part # 7099

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. Remove OEM steering stabilizer from the OEM mounting brackets. Do not remove the OEM brackets. (See Photo # 1)
4. Insert a new Skyjacker poly bushing & steel sleeve into each eye of the new Skyjacker steering stabilizer.
5. Position the new Skyjacker boot onto the new Skyjacker steering stabilizer & secure with the supplied plastic tie.
6. Install the new Skyjacker steering stabilizer into the OEM mounting brackets using the OEM hardware. (See Photo # 2)



Installation: Part # 7199

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. Insert a new Skyjacker poly bushing into each eye & the new Skyjacker steel sleeve only in the eye attached to the body end of the new Skyjacker steering stabilizer.
4. Position the new Skyjacker boot onto the new Skyjacker steering stabilizer & secure with the supplied plastic tie.
5. Notice the four indentions on top of the OEM tie rod. (See Photo # 3) Install the new Skyjacker tie rod bracket using the supplied u-bolts over the OEM tie rod using indentions # 2 & # 4. (See Photo # 4) Install the supplied stud mount onto the new tie rod bracket. (See Photo # 4)
6. Install the new Skyjacker steering stabilizer into the OEM mount on the passenger side axle using the supplied 1/2" x 3" bolt, washers, & nut. Install the new steering stabilizer onto the new mounting stud on the new tie rod bracket. (See Photo # 5)

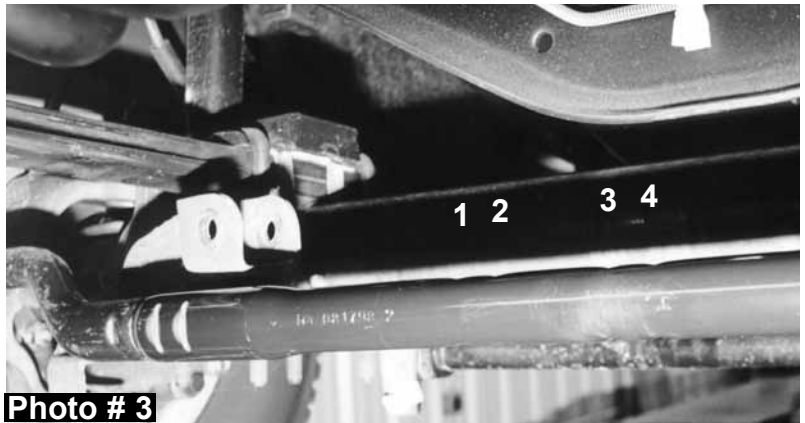


Photo # 3

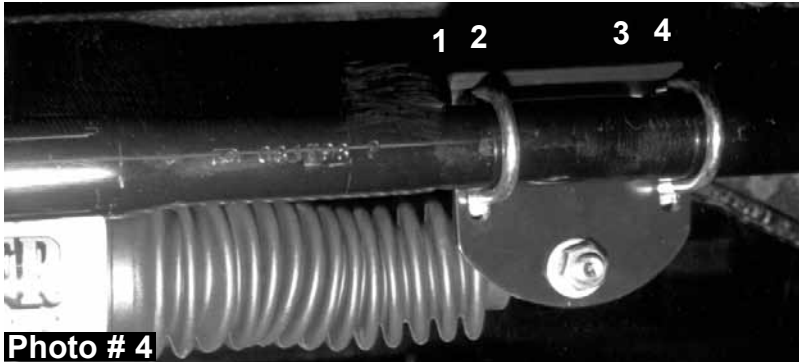


Photo # 4



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.)
- 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.

TORQUE SPECIFICATIONS

<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 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.