

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

Component Box Breakdown:

Part #: 7099 / 9099

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

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

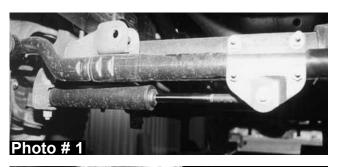
Hardware Bag Breakdown:

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.
- 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.

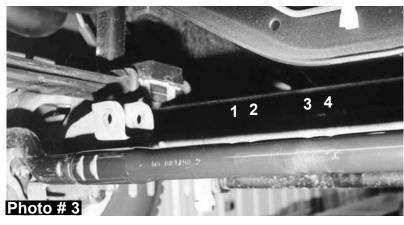


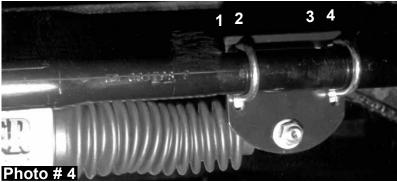


- 5. Position the new Skyjacker boot onto the new Skyjacker steering stabilizer & secure with the supplied plastic tie.
- 6. Install the new Skyjacker steering stabilizer into the OEM mounting brackets using the OEM hardware. (See Photo # 2)

Installation: Part # 7199

- 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.
- 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.
- 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)

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>			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.