

1997-2003 Ford F150 Pickup 4WD (Vehicles with Minimum of 4" Lift) Dual Steering Stabilizer Kit Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches
(1/2", 9/16", 3/4", & 15/16")
- Diagonal Cutting Pliers
- Center Punch
- Ball Peen Hammer
- Power Drill
- Drill Bit (13/32")
- Safety Glasses
- Wheel Chock
- Measuring Tape
- Torque Wrench



Before beginning the installation, read these instructions thoroughly & completely. Please refer to the Parts List to insure that all parts & hardware are received prior to 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.

Component Box Breakdown:

Part # 7297

Item #	Description	Qty
7500WS	STEERING DAMPER, WHITE	2
B12RS	BOOT STABILIZER, RED	2
BTIE	BOOT CABLE TIE, RED	2
HYDRO 4.75-CL	DECAL, HYDRO STABILIZER	2
HB-7297	HDWR BAG: 7297 / 9297	1
7297-MB	LCA CROSSMEMBER BRACKET	1
7297-FB	CENTER LINK ROD BRACKET	1

Part # 9297

Item #	Description	Qty
9500WS	STEERING DAMPER, SILVER	2
B12KS	BOOT STABILIZER, BLACK	2
BTIE-K	BOOT CABLE TIE, BLACK	2
SSD	DECAL, SILVER STABILIZER	2
HB-7297	HDWR BAG: 7297 / 9297	1
7297-MB	LCA CROSSMEMBER BRACKET	1
7297-FB	CENTER LINK ROD BRACKET	1

Hardware Bag Breakdown:

Part # HB-7297

Item #	Description	Qty
HOURGLASS 5/8	HOURGLASS, 5/8 X 1.50, RED	2
STEM BUSH-SST	STEM BUSHING, RED	4
12X5FTB	1/2 X 5 FINE THREAD BOLT	1
12FTN	1/2-20 FINE N/I LOCK NUT	1
12SAEW	1/2 SAE WASHER	2
141509	ES25 SLEEVE, 1.50 LONG	2
142120	WASHER PACKAGE, P889/145098	2
38X1FTB	3/8 X 1 FINE THREAD BOLT	1
38FTN	3/8-24 FINE N/I LOCK NUT	1
38SAEW	3/8 SAE WASHER	2
58X612FTB	5/8 X 6-1/2 FINE THREAD BOLT	1
58FTN	5/8-18 FINE N/I LOCK NUT	1
58SAEW	5/8 SAE WASHER	2
58SP	5/8 SPACER, 1-1/4 O.D.	1
516X114X134U	5/16 X 1-1/4 X 1-3/4 U-BOLT, RD	2
516CTN	5/16-18 COARSE N/I LOCK NUT	4
516SAEW	5/16 SAE WASHER	8

Component Box Breakdown:**Part # 8297**

Item #	Description	Qty
8500BS	STEERING DAMPER, BLACK	2
B12KS	BOOT STABILIZER, BLACK	2
BTIE-K	BOOT CABLE TIE, BLACK	2
MXSD-S	DECAL, BLACK MAX STABILIZER	2
HB-8297	HDWR BAG: 8297	1
7297-MB	LCA CROSSMEMBER BRACKET	1
7297-FB	CENTER LINK ROD BRACKET	1

Hardware Bag Breakdown:**Part # HB-8297**

Item #	Description	Qty
HG5815-K	HOURGLASS, 5/8 X 1.50, BLACK	2
STEM SST-K	STEM BUSHING, BLACK	4
12X5FTB	1/2 X 5 FINE THREAD BOLT	1
12FTN	1/2-20 FINE N/I LOCK NUT	1
12SAEW	1/2 SAE WASHER	2
141509	ES25 SLEEVE, 1.50 LONG	2
142120	WASHER PACKAGE, P889/145098	2
38X1FTB	3/8 X 1 FINE THREAD BOLT	1
38FTN	3/8-24 FINE N/I LOCK NUT	1
38SAEW	3/8 SAE WASHER	2
58X612FTB	5/8 X 6-1/2 FINE THREAD BOLT	1
58FTN	5/8-18 FINE N/I LOCK NUT	1
58SAEW	5/8 SAE WASHER	2
58SP	5/8 SPACER, 1-1/4 O.D.	1
516X114X134U	5/16 X 1-1/4 X 1-3/4 U-BOLT, RD	2
516CTN	5/16-18 COARSE N/I LOCK NUT	4
516SAEW	5/16 SAE WASHER	8

Important Note:

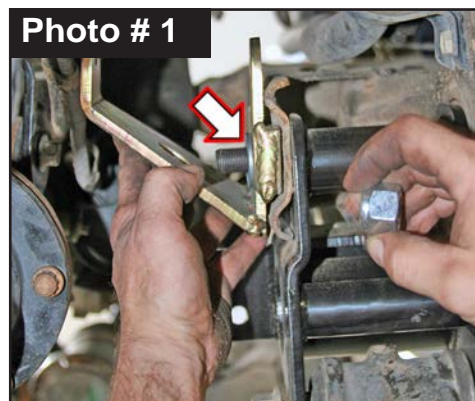
- This Steering Stabilizer Kit Is Designed for 1997-2003 Ford F150 4WDs With A **Minimum of 4" Lift**.
- Does NOT Fit Stock Height Models. **Do NOT** Attempt Installation on Vehicle with Less Than Required 4" Lift Height or Severe Damage Will Occur.

Pre-Installation Tips: Install Stabilizer Boot & Cylinder End Eye Bushing.

1. Install supplied Stabilizer Boot over Skyjacker Steering Stabilizer. Attach boot to cylinder body with supplied Boot Cable Tie. Remove excess cable tie with diagonal cutting pliers.
2. Coat Hourglass Bushing with a water resistant grease & press into stabilizer cylinder body eye.
3. Coat # ES25 1.50" Sleeves with a water resistant grease & press into each eye bushing.

Installation: Note: Save all factory components & hardware for reuse, unless noted.

1. Chock rear tires\wheels. Ensure that vehicle transmission is in PARK and engage emergency brake. **Note:** Be sure steering wheel\wheels are pointing straight forward.
2. If equipped, remove skid plates or debris shields.
3. Support front crossmember with a floor jack. Remove front lower control arm upper bolt from Passenger Side aftermarket crossmember using a 15/16" socket\wrench. (See Photo # 1)



4. Install Skyjacker # 7297-MB LCA Crossmember Bracket onto rear side of crossmember with supplied 5/8 x 6-1/2 Fine Thread Bolt with 5/8" SAE Washer from front-to-rear. (See Photo # 2) Attach with 5/8" SAE Washer & 5/8" Nylon Insert Lock Nut using a 15/16" socket \ wrench.

Photo # 2

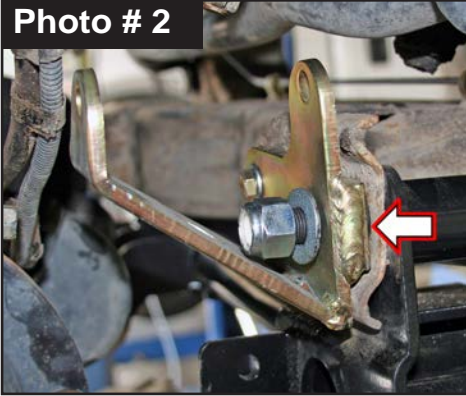
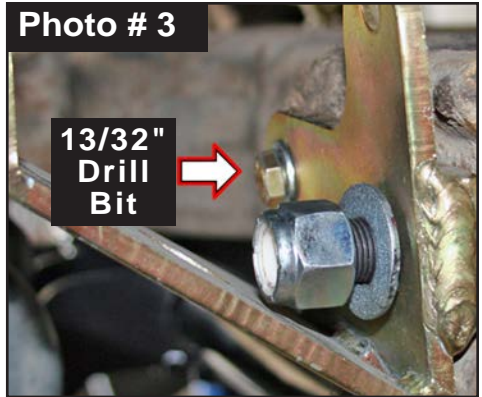


Photo # 3



5. With Skyjacker bracket level, use the 3/8" bracket hole as a guide, mark, center punch & drill inside mounting hole using a 13/32" drill bit. (See Photo # 3) **Note:** Prior to drilling, check behind surface area being worked on for anything that could be damaged.

Install supplied 3/8" x 1" Fine Thread Bolt with 3/8" SAE Washer through bracket & OEM crossmember. Attach with 3/8" SAE Washer & 3/8" Nylon Insert Lock Nut using a 9/16" socket \ wrench.

6. Measure from center of OEM idler arm retaining nut toward driver side 10-inches & make a mark. (See Photo # 4)

Place Skyjacker # 7297-FB Center Link Rod Bracket against bottom of center link rod. Slide bracket over to 10-inch mark. (See Photo # 5)

Attach with supplied 5/16" x 1-1/4" x 1-3/4" U-Bolts from top-to-bottom around OEM center link rod through Skyjacker bracket mounting holes.

Photo # 4

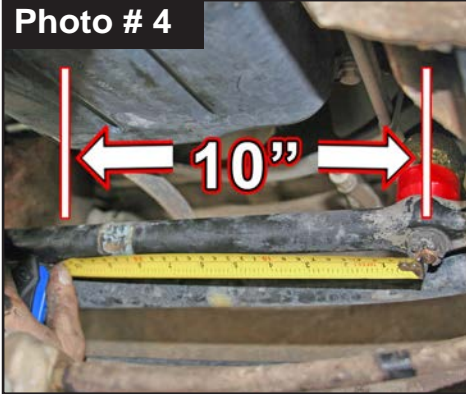
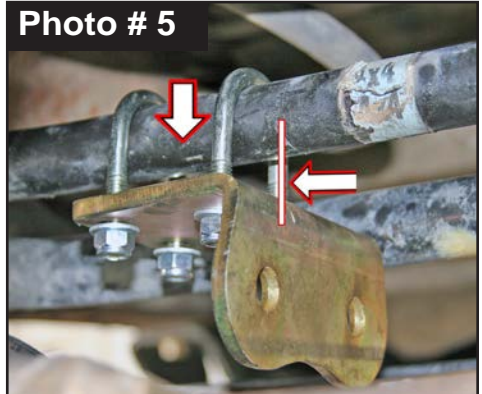


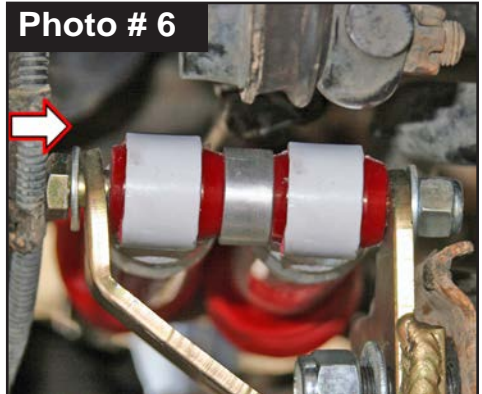
Photo # 5



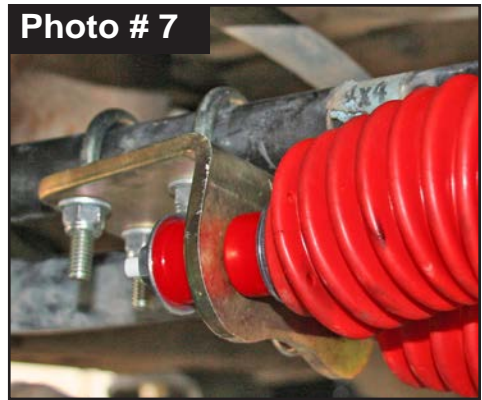
Attach U-Bolts with supplied 5/16" SAE Washers & 5/16" Nylon Insert Lock Nuts using a 1/2" socket \ wrench. Secure, but **Do Not Completely Tighten**.

7. Install both stabilizer cylinder body eye to the main bracket. (See Photo # 6) Attach using supplied 1/2" x 5 Fine Thread Bolt with 1/2" SAE Washer from rear-to-front through bracket, stabilizer eye bushing, 5/8", 1-1/4" O.D. Spacer, stabilizer eye bushing & bracket. Attach with 1/2" SAE Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench.

Photo # 6



8. Install a supplied Washer & Poly Stem Bushing on shaft end of stabilizer. (See Photo # 7) Extend shaft end out & attach with supplied Bushing, Washer & Lock Nut. Tighten stem lock nut until bushing starts to swell slightly.
9. Cycle steering from side to side & check for adequate clearance. Rotate Center Link Rod Bracket as needed for the best fit & clearance.
10. Check all brackets & bolts for proper installation. Torque Center Link Rod Bracket U-Bolts 240 in-lbs.
11. If equipped, reinstall OEM skid plates or debris shields using a 15mm socket. (See Photo # 2)



Final Notes:

- After installation is complete, double check that all nuts & bolts are tight.
- With vehicle placed on ground, cycle steering lock to lock & inspect steering for proper operation, tightness & adequate clearance.
- After first 100 miles, check all hardware for proper torque & periodically thereafter.

TORQUE SPECIFICATIONS					
INCH SYSTEM			METRIC SYSTEM		
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 8.8	Class 10.9
5/16	180 in-lbs	240 in-lbs	6MM	60 in-lbs	108 in-lbs
3/8	30 ft-lbs	35 ft-lbs	8MM	216 in-lbs	23 ft-lbs
7/16	45 ft-lbs	60 ft-lbs	10MM	32 ft-lbs	45 ft-lbs
1/2	65 ft-lbs	90 ft-lbs	12MM	55 ft-lbs	75 ft-lbs
9/16	95 ft-lbs	130 ft-lbs	14MM	85 ft-lbs	120 ft-lbs
5/8	135 ft-lbs	175 ft-lbs	16MM	130 ft-lbs	165 ft-lbs
3/4	185 ft-lbs	280 ft-lbs	18MM	170 ft-lbs	240 ft-lbs
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.