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SUSPENSIONS

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2005-2024 Ford F250\F350 4WD (Super Duty with 0"-8.5" Lift) Dual Steering Stabilizer Kit Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches (1/2", 9/16" & 11/16")
- Metric Sockets \ Wrenches (13mm)
- Diagonal Cutting Pliers
- Adjustable Pliers
- Measuring Tape
- Safety Glasses
- Wheel Chock
- 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 # 2253

Item #	Description	Qty
2000AS	ADX HD STEERING DAMPER, ALU	2
ADXSD	DECAL, ADX 2.0 STABILIZER	2
HB-8254	HDWR BAG: 2254/8254 STAB.	1
7254-B	MAIN BRACKET, CENTER AXLE	1

Part # 7253

Item #	Description	Qty
7000WS	STEERING DAMPER, WHITE	2
B10RS	BOOT STABILIZER, RED	2
BTIE	BOOT CABLE TIE, RED	2
HYDRO 6X2-CL	DECAL, HYDRO STABILIZER	2
HB-7254	HDWR BAG: 7254/9254 STAB.	1
7254-B	MAIN BRACKET, CENTER AXLE	1

Part # 9253

Item #	Description	Qty
9000WS	STEERING DAMPER, SILVER	2
B10KS	BOOT STABILIZER, BLACK	2
BTIE-K	BOOT CABLE TIE, BLACK	2
SSD	DECAL, SILVER STABILIZER	2
HB-7254	HDWR BAG: 7254/9254 STAB.	1
7254-B	MAIN BRACKET, CENTER AXLE	1

Part # 8253

Item #	Description	Qty
8000BS	STEERING DAMPER, BLACK	2
B10KS	BOOT STABILIZER, BLACK	2
BTIE-K	BOOT CABLE TIE, BLACK	2
MXSD	DECAL, BLACK MAX STABILIZER	2
HB-8254	HDWR BAG: 2254/8254 STAB.	1
7254-B	MAIN BRACKET, CENTER AXLE	1

Hardware Bag Breakdown:

Part # HB-7254

Item #	Description	Qty
HOURGLASS 5/8	HOURGLASS, 5/8 X 1.50, RED	4
140629	EB6 STUD, BAG # 141397	4
38X334X412U	3/8 X 3-3/4 X 4-1/2 U-BOLT, RD	2
38CTN	3/8 COURSE N/I LOCK NUT	4
38SAEW	3/8 SAE WASHER	4
516X112X214U	5/16 X 1-1/2 X 2-1/4 U-BOLT, RD	4
516CTN	5/16 COURSE N/I LOCK NUT	8
516SAEW	5/16 SAE WASHER	8
7218-DB	TIE ROD BRACKET, DRIVER	1
7254-PB	TIE ROD BRACKET, PASSENGER	1

Part # HB-8254

Item #	Description	Qty
HG5815-K	HOURGLASS, 5/8 X 1.50, BLACK	4
140629	EB6 STUD, BAG # 141397	4
38X334X412U	3/8 X 3-3/4 X 4-1/2 U-BOLT, RD	2
38CTN	3/8 COURSE N/I LOCK NUT	4
38SAEW	3/8 SAE WASHER	4
516X112X214U	5/16 X 1-1/2 X 2-1/4 U-BOLT, RD	4
516CTN	5/16 COURSE N/I LOCK NUT	8
516SAEW	5/16 SAE WASHER	8
7218-DB	TIE ROD BRACKET, DRIVER	1
7254-PB	TIE ROD BRACKET, PASSENGER	1

Important Note:

- Steering Stabilizer Kit Is Designed for 2005-2023 Ford F250 / F350 4WDs With **0" - 8.5" Lift**.
- Steering Stabilizer Kit With **0" - 8.5" Lift Height** Can Be Installed With Supplied Studs Mounts Pointing 'Down↓'. (Photo # 11)
- If More Ground Clearance Is Desired, **4" - 8.5" Lift Height** Can Be Installed With Supplied Studs Mounts Pointing 'UP↑'. (Photo # 12)
- Does NOT Fit Vehicles Equipped with 1.75" Diameter Tie Rod.

Pre-Installation Tips: Install Stabilizer Boot & Bushings.

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 Bushings with a water resistant grease & press into Each Stabilizer Eye.

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

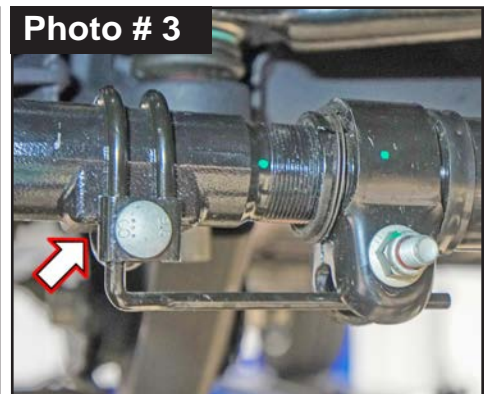
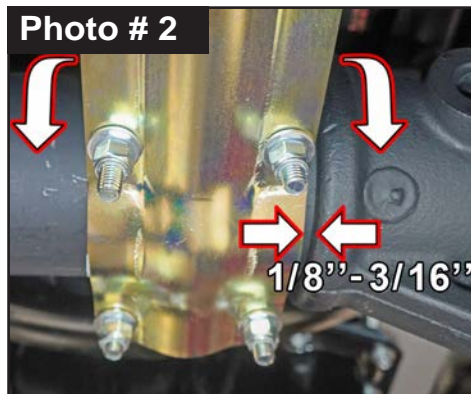
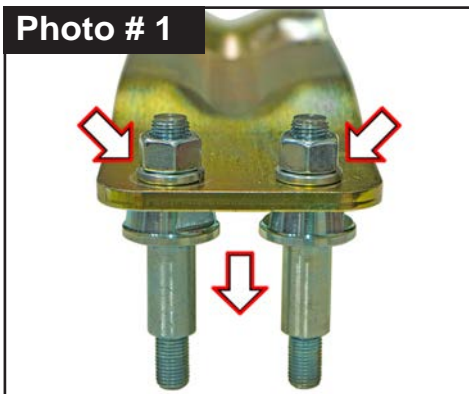
1. Chock rear tires\wheels. Ensure that vehicle transmission is in PARK & engage emergency brake. **Note:** Be sure steering wheel\wheels are pointing straight forward.
2. Locate Skyjacker # 7254-B Center Axle Bracket. Curved bend of bracket goes under OEM axle. Attach two (2) supplied Skyjacker # EB6 Straight Studs to Center Axle Bracket tab hole mounts with stud mounts pointing 'Down↓'. Attach with supplied washer & nut using adjustable pliers & a 11/16" socket\wrench. (Photo # 1)
3. Place Skyjacker # 7254-B Center Axle Bracket Assembly (with studs pointing 'Down↓') against bottom of OEM axle & against differential housing.

Attach supplied 3/8" x 3-3/4" x 4-1/2" U-bolts from top-to-bottom around OEM axle through Skyjacker bracket mounting holes. (Photo # 2)

Attach U-Bolts with supplied 3/8" SAE Washers & 3/8" Nylon Insert Lock Nut using a 9/16" socket\wrench. Secure, but **Do Not Completely Tighten**.

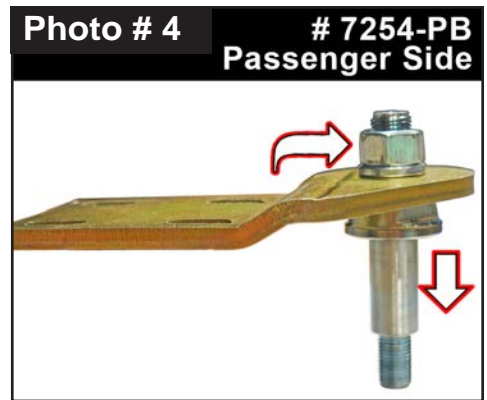
Tech Note: With Center Axle Bracket secured, be sure to leave 1/8" - 3/16" of clearance between Center Axle Bracket & OEM tie rod assembly. Any more clearance will cause excess stress on polyurethane bushings of Skyjacker steering stabilizers once installed. Any less clearance may cause OEM tie rod to rub Center Axle Bracket.

4. On each outer tie rod end, locate OEM bolt holding OEM wire retainer. Remove each OEM bolt using a 13mm socket\wrench. Remove & discard wire retainer from OEM tie rod. (Photo # 3)



- Note:** Skyjacker Tie Rod Brackets Are Side Specific: Driver # 7218-DP & Passenger # 7254-PB.

Attach one (1) supplied Skyjacker # EB6 Straight Stud to Each Tie Rod Bracket tab hole mount (with studs pointing 'Down↓') with supplied washer & nut using adjustable pliers & a 11/16" socket \ wrench. (Photo # 4) **Tech Note:** BOTH Tie Rod Brackets are to be installed with stabilizer mounting tab toward center of vehicle with offset \ bend pointing up.

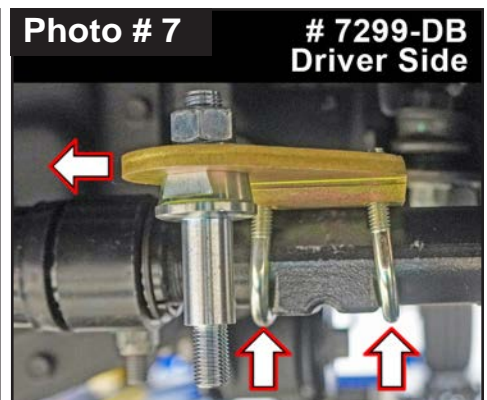
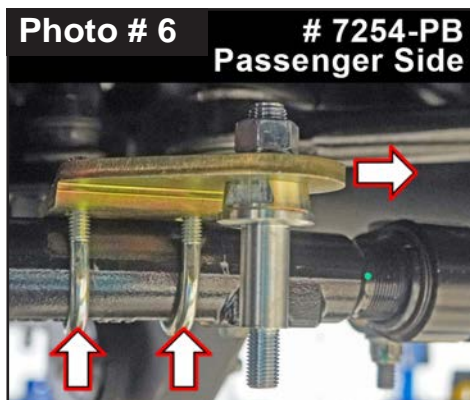
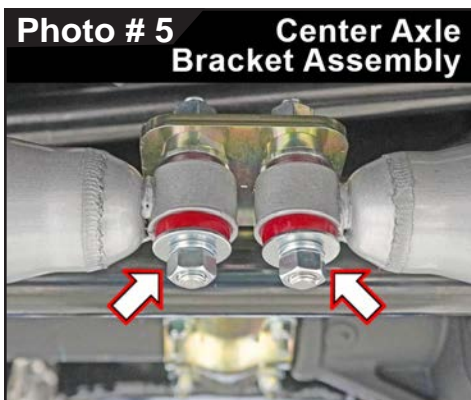


- Coat straight portion of each # EB6 Straight Stud mount on Center Axle Bracket Assembly with a water resistant grease. Press stabilizer cylinder body eye bushing onto stud. Install supplied Large Flat Washer, Lock Washer & Nut. Tighten nut using 11/16" socket \ wrench until lock washer is compressed & bushing starts to swell slightly. (Photo # 5)

- On Passenger Side, place # 7254-PB Tie Rod Bracket against top of tie rod with offset \ bend pointing up with stud mount forward & toward center of vehicle. (Photo # 6)

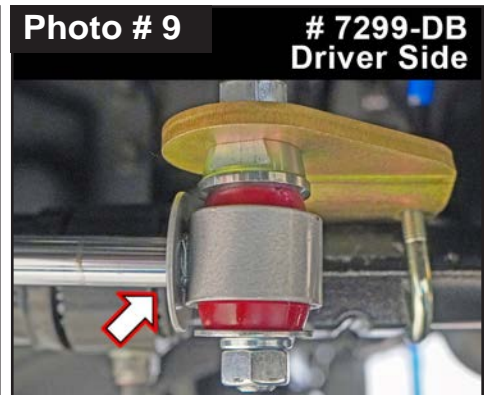
Place supplied 5/16" x 1-1/2" x 2-1/4" U-bolts from bottom-to-top around OEM tie rod through Skyjacker bracket mounting holes. Attach U-Bolts with supplied 5/16" SAE Washers & 5/16" Nylon Insert Lock Nut using a 1/2" socket \ wrench. Secure, but **Do Not Completely Tighten.**

- On Driver Side, repeat process with # 7218-DB Tie Rod Bracket. (Photo # 7) Secure, but **Do Not Completely Tighten.**



- On Passenger Side Tie Rod Bracket, coat straight portion of # EB6 Straight Stud mount with a water resistant grease.

Extend stabilizer shaft out & press stabilizer shaft eye bushing onto stud. Attach with supplied Large Flat Washer then Lock Washer & Nut. Tighten nut using 11/16" socket \ wrench until lock washer is compressed & bushing starts to swell slightly. (Photo # 8)



- Repeat Step 8 on Driver Side. (Photo # 9)

11. Extend each Skyjacker Tie Rod Bracket \ Shaft End out half way. 4-3/4"-5".

Measure from end of cylinder body to shaft stem washer. (Photo # 10)

Stabilizer Center Axle Stud Mount to Tie Rod Stud Mount 19-1/2".



12. Cycle steering from side-to-side & check for adequate clearance. Check all brackets & bolts for proper installation.

Tighten & Torque at Axle Mount & at Tie Rod Assembly. 75 ft-lb.

13. Torque Center Axle Bracket U-Bolts 30 ft-lbs. Torque Tie Rod Bracket U-Bolts 240 in-lbs.

14. Install supplied Skyjacker Decal to each stabilizer. (Photo # 11 & # 12)



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.

Seat Belts Save Lives. Please Wear Your Seat Belt.