

SKYJACKER

SUSPENSIONS

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2007-2018 Jeep Wrangler JK 2-Door & 4-Door Unlimited 2WD/4WD Models ADX High Clearance Dual Steering Stabilizer Kit Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches (1/2", 9/16", 3/4" & 11/16")
- Metric Sockets \ Wrenches (15mm, 17mm, & 18mm)
- Adjustable Crescent Wrenches
- Adjustable Pliers
- 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.

Important Notes:

- ONLY Fits Models Equipped with a Minimum of 2.5" of Lift to Maintain Proper Clearances.
- Does NOT Fit Stock Height Models.
- Does NOT Fit Aftermarket Axles with 3-Inch Diameter Tube.
- Steering Stabilizer Boots Are NOT Included.

Component Box Breakdown:

Part # 2205

Item #	Description	Qty
2208AS	ADX HD STEERING DAMPER, ALU	2
2205-MB	MAIN BRACKET, CENTER AXLE	1
ADXSD	DECAL, ADX 2.0 STABILIZER	2
HB-2205	HDWR BAG: 2205 ADX DUAL STAB.	1

Hardware Bag Breakdown:

Part # HB-2205

Item #	Description	Qty
HG5815-K	HOURGLASS, 5/8 X 1.5, BLACK	4
140629	EB6 STUD, BAG # 141397	4
2205-D	2205 DRIVER TIE ROD BRACKET	1
2205-FP	2205 FRONT PLATE BRACKET	1
2205-P	2205 PASSENGER TIE ROD BRKT	1
38X234X312U	3/8 X 2-3/4 X 3-1/2 U-BOLT, RD	2
38FSCFN	3/8 COURSE FLANGE NUT	4
516X112X214U	5/16 X 1-1/2 X 2-1/4 U-BOLT, RD	4
516FSCFN	5/16 COURSE FLANGE NUT	8

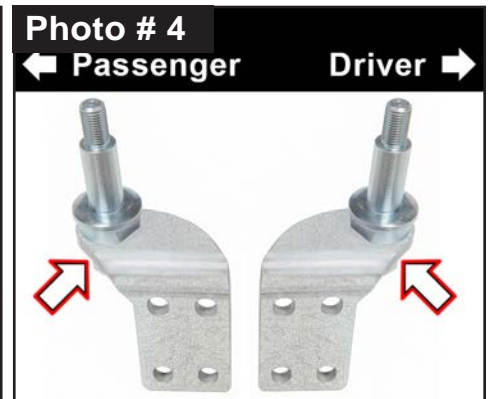
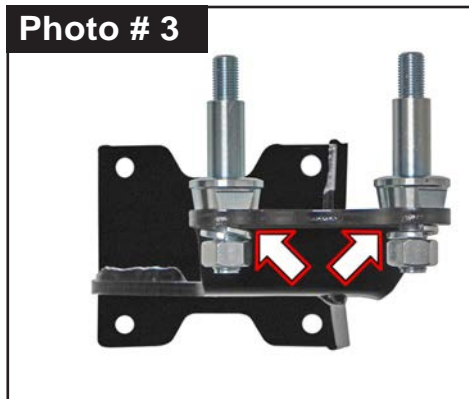
Pre-Installation Tips: Install Stabilizer Bushings.

1. Coat Hourglass Bushings with a water resistant grease & press into Each Stabilizer Eye. (Photo # 1 & # 2)



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. Locate Skyjacker # 2205-MB Center Axle Main Bracket. Bend for stud mounts goes 'UP↑'. Attach two (2) supplied Skyjacker # EB6 Straight Studs to Center Axle Bracket tab hole mounts with stud mounts pointing 'UP↑'. Attach with supplied Lock Washer & Nut using adjustable pliers & a 3/4" socket\wrench. (Photo # 3)



3. **Note:** Skyjacker Tie Rod Brackets Are Side Specific: Driver # 2205-D & Passenger # 2205-P.

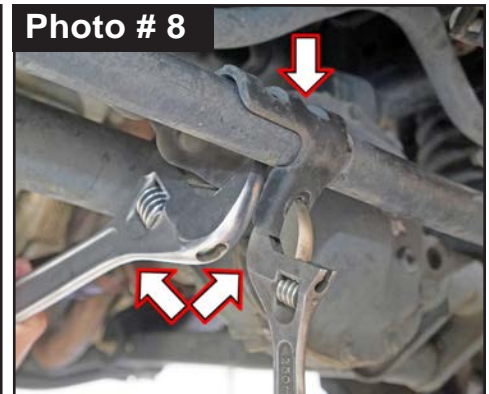
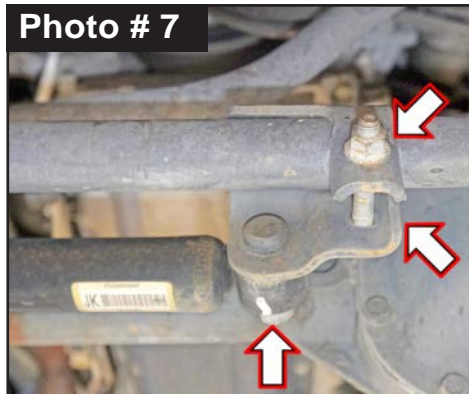
Attach one (1) supplied Skyjacker # EB6 Straight Stud to Each Tie Rod Bracket tab hole mount. **Note:** Install with Bracket Offset\Bend Pointing to Rear & Stud Pointing 'UP↑'. (Photo # 4) Attach with supplied Lock Washer & Nut using adjustable pliers & a 3/4" socket\wrench.

4. Disconnect OEM steering stabilizer bolt & tab nut from passenger side axle mount using a 17mm or an 18mm socket\wrench (depending upon year model). (Photo # 5)



Tech Note: To remove OEM bolt, pull bolt forward toward OEM tie rod. (Photo # 6) Roll tie rod up slightly. Pull forward & down on OEM bolt to remove below tie rod.

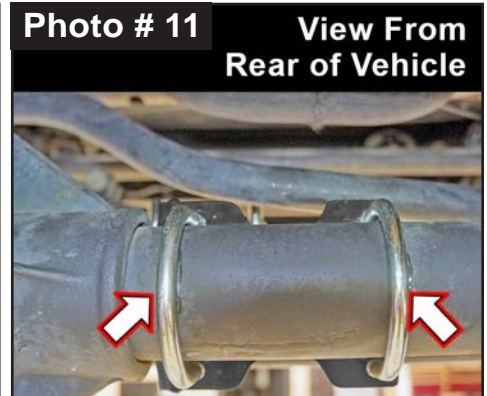
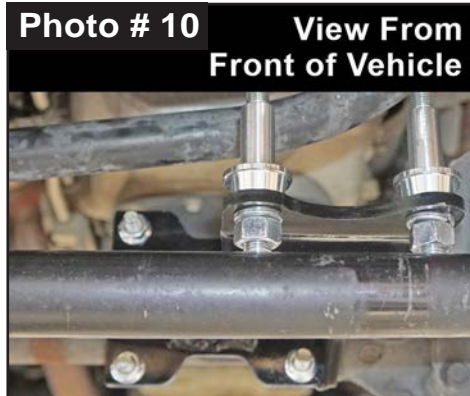
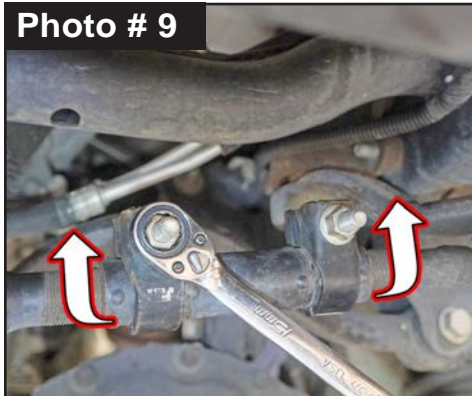
5. **Note:** You can disconnect OEM steering stabilizer from tie rod assembly stud mount using a 17mm socket\wrench or you can leave it attached to OEM tie rod assembly mount. (Photo # 7)



Disconnect OEM tie rod assembly mount using a 15mm socket\wrench (depending on year model). (Photo # 7)

Remove & discard OEM mount. **Tech Note:** You can use two (2) adjustable crescent wrench to pry open OEM mounting bracket to remove. (Photo # 8)

6. **Tech Note:** For proper clearance during suspension travel, be sure OEM drag link adjustment clamps \ collars are rolled Upward. Loosen OEM drag link sleeve adjustment clamps \ collars using a 15mm socket \ wrench. (Photo # 9) Rotate clamps up to top of drag link sleeve. Tighten OEM drag link sleeve clamps using a 15mm socket \ wrench. Torque 45 ft-lbs.
7. Place Skyjacker # 2205-MB Center Axle Bracket Assembly (with studs pointing forward) against front of OEM axle. Attach with supplied 3/8" x 2-3/4" x 3-1/2" U-bolts from back-to-front around OEM axle through Skyjacker bracket mounting holes. (Photo # 10 & # 11)
Attach U-bolts with supplied 3/8" Serrated Flange Nuts using a 9/16" socket \ wrench. Secure, but **Do Not Completely Tighten**.

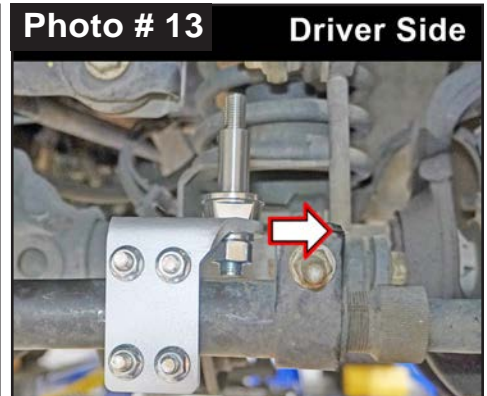
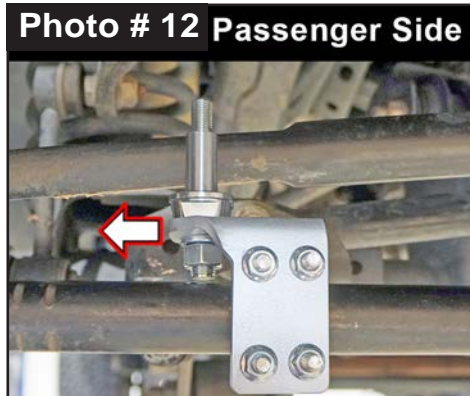


8. On Passenger Side, place Skyjacker # 2205-P Tie Rod Bracket against front of tie rod.

Tech Note: Install with bracket offset \ bend pointing to rear & stud pointing up. (Photo # 12)

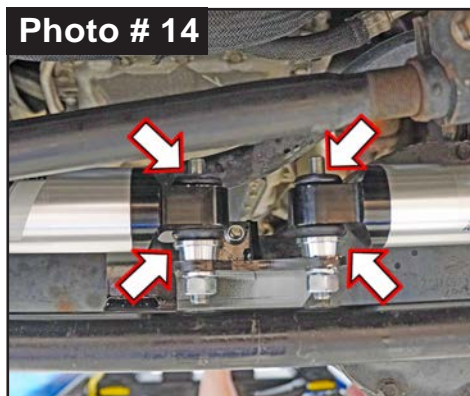
Attach with supplied 5/16" x 1-1/2" x 2" U-Bolts from rear-to-front around OEM tie rod through Skyjacker bracket mounting holes.

Attach U-Bolts with supplied 5/16" Serrated Flange Nuts using a 1/2" socket \ wrench. Secure, but **Do Not Completely Tighten**.



On Driver Side, repeat process with Skyjacker # 2205-D Tie Rod Bracket. (Photo # 13)

9. 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. (Photo # 14)



10. Attach Skyjacker # 2205-FP Front Plate Bracket onto Center Axle Bracket Assembly. (Photo # 15)

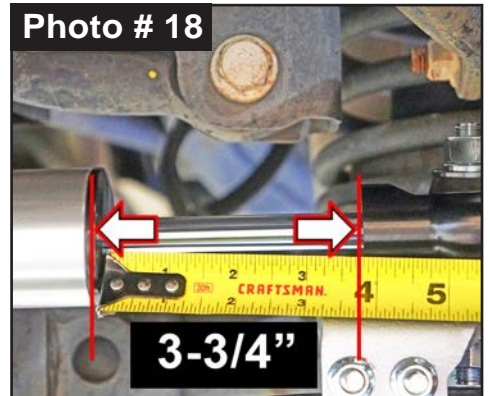
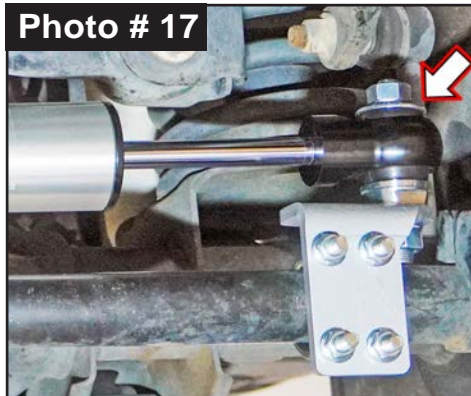
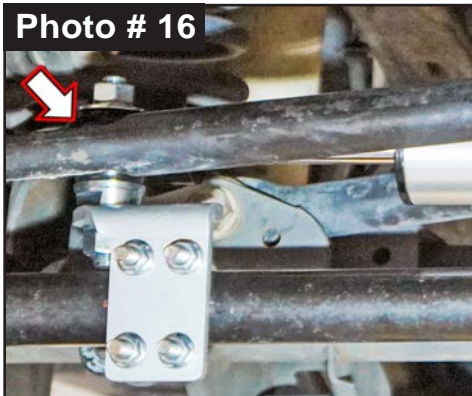
Attach with supplied Lock Washer & Nut. Tighten nut using a 11/16" socket \ wrench until lock washer is compressed & bushing starts to swell slightly.

11. 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 # 16)

12. On Driver Side, repeat Step 11 process. (Photo # 17)

13. Extend each Skyjacker Tie Rod Bracket \ Shaft End out exactly half way. **3-3/4 Inches**. Measure from end of cylinder body to base of mounting eye. (Photo # 18)



14. Double check Skyjacker Brackets & Stabilizers to make sure that they are level. (Photo # 19)

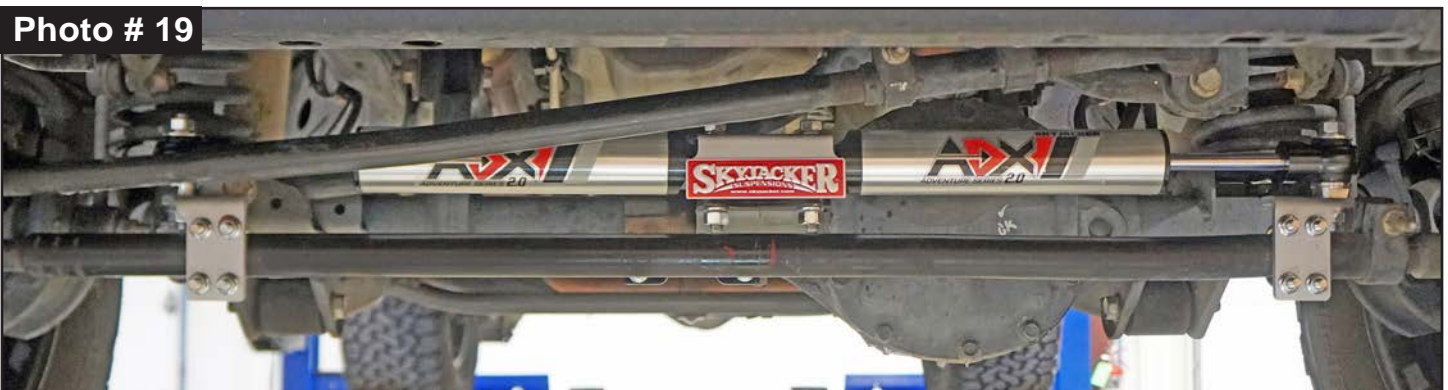
Cycle steering from side-to-side & check for adequate clearance.

Tech Note: If needed, Passenger Side Skyjacker Tie Rod Bracket can be rolled slightly to allow for additional clearance. Loosen bracket on tie rod & rotate for proper steering clearance (especially on 2.5"-3.5" lift heights).

15. Check all brackets & bolts for proper installation. (Photo # 19)

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

16. Install supplied Skyjacker Decal to each stabilizer. (Photo # 19)



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.