

SKYJACKER

SUSPENSIONS

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1994-1997 Dodge Ram 1500 4WD 1994-1997 Dodge Ram 2500 4WD 1994-1997 Dodge Ram 3500 4WD Dual Steering Stabilizer Kit Installation Instructions

Required Tools List:

- SAE Sockets \ Wrenches (1/2", 11/16" & 3/4")
- Metric Sockets \ Wrenches
- Diagonal Cutting Pliers
- Adjustable Locking Pliers
- Ball Peen Hammer
- Adjustable Pliers
- Center Punch
- Power Drill
- Drill Bit (1/2")
- C-Clamp
- 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 # 2217

Item #	Description	Qty
2000AS	ADX HD STEERING DAMPER, ALU	2
ADXSD	DECAL, ADX 2.0 STABILIZER	2
HB-8217	HDWR BAG: 2217/8217 STAB.	1
7217-MB	FRAME BRACKET, PASSENGER	1
7217-FP	FLAT PLATE, DRAG LINK	1

Part # 8217

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-8217	HDWR BAG: 2217/8217 STAB.	1
7217-MB	FRAME BRACKET, PASSENGER	1
7217-FP	FLAT PLATE, DRAG LINK	1

Hardware Bag Breakdown:

Part # HB-8217

Item #	Description	Qty
12X4FTB	1/2 X 4 FINE THREAD BOLT	1
12X3FTB	1/2 X 3 FINE THREAD BOLT	2
12X212FTB	1/2 X 2-1/2 FINE THREAD BOLT	1
12FTN	1/2 FINE THREAD N/I LOCK NUT	4
12SAEW	1/2 SAE WASHER	6
12USSW	1/2 USS WASHER	4
140629	EB6 STUD, BAG # 141397	2
141509	ES25 SLEEVE, 1.50 LONG	2
516X114X134U	5/16 X 1-1/4 X 1-3/4 U-BOLT, RD	1
516CTN	5/16 COURSE N/I LOCK NUT	2
516SAEW	5/16 SAE WASHER	2
81004	TAPERED SLEEVE, 1/2 I.D.	1
HG5815-K	HOURLASS, 5/8 X 1.50, BLACK	4

Component Box Breakdown:**Part # 7217**

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-7217	HDWR BAG: 7217/9217 STAB.	1
7217-MB	FRAME BRACKET, PASSENGER	1
7217-FP	FLAT PLATE, DRAG LINK	1

Part # 9217

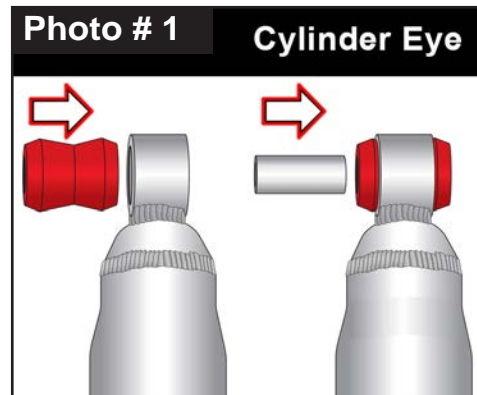
Item #	Description	Qty
9000WS	STEERING DAMPER, SILVER	2
B10KS	BOOT STABILIZER, BLACK	2
BTIE-K	BOOT CABLE TIE, BLACK	2
SSD	DECAL, SILVER STABILIZER	1
HB-7217	HDWR BAG: 7217/9217 STAB.	2
7217-MB	FRAME BRACKET, PASSENGER	1
7217-FP	FLAT PLATE, DRAG LINK	1

Hardware Bag Breakdown:**Part # HB-7217**

Item #	Description	Qty
12X4FTB	1/2 X 4 FINE THREAD BOLT	1
12X3FTB	1/2 X 3 FINE THREAD BOLT	2
12X212FTB	1/2 X 2-1/2 FINE THREAD BOLT	1
12FTN	1/2 FINE THREAD N/I LOCK NUT	4
12SAEW	1/2 SAE WASHER	6
12USSW	1/2 USS WASHER	4
140629	EB6 STUD, BAG # 141397	2
141509	ES25 SLEEVE, 1.50 LONG	2
516X114X134U	5/16 X 1-1/4 X 1-3/4 U-BOLT, RD	1
516CTN	5/16 COURSE N/I LOCK NUT	2
516SAEW	5/16 SAE WASHER	2
81004	TAPERED SLEEVE, 1/2 I.D.	1
HOURLGLASS 5/8	HOURLGLASS, 5/8 X 1.50, RED	4

Pre-Installation Tips: Install Stabilizer Boot, Bushings & Sleeves.

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. (Photo 1)
3. Coat 1.50" Steel Sleeve with a water resistant grease & press into Each Cylinder Body Eye Bushing ONLY.

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

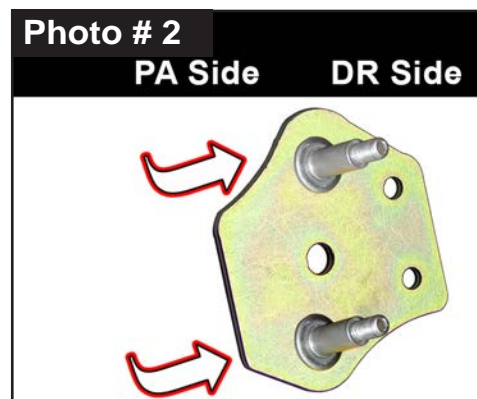
1. Chock rear tires\wheels. Ensure that vehicle transmission is in PARK & engage emergency brake. **Note:** Be sure steering wheel\wheels are pointing straight forward.
2. Remove OEM steering stabilizer from passenger side frame mount & from driver side drag link stud mount.

Remove OEM stud from drag link. **Note:** Stud is a tapered press fit & may be difficult to remove. Apply penetrating oil. Tap stud using a ball peen hammer to loosen.

3. Locate Skyjacker # 7217-FP Flat Plate Bracket. (Photo 2)
Note: Three (3) larger 1/2" holes go toward Passenger Side & two (2) smaller 5/16" holes go to Driver Side.

Attach two (2) supplied Skyjacker # EB6 Straight Studs to Flat Plate Top & Bottom 1/2" Passenger Side hole mounts.

Attach with supplied lock washer & nut using adjustable pliers & a 11/16" socket\wrench. (Photo 2)



4. Attach Skyjacker Flat Plate Bracket assembly to front side of OEM drag link with stud mounts forward. (Photo # 3 & # 4)

Insert supplied # 81004 1/2" ID Tapered Sleeve into tapered hole of OEM drag link stud mount.

Place supplied 1/2" SAE Washer onto 1/2" x 3" Bolt. Insert bolt with washer through OEM drag link from back-to-front.

Place supplied 1/2" USS Washer & 1/2" SAE Washer

between Flat Plate Bracket. **Tech Note:** USS Flat Washer has a larger Outside Diameter.

Attach Flat Plate Bracket with supplied 1/2" USS Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench. Secure, but **Do Not Completely Tighten**.

5. Attach supplied 5/16" x 1-1/4" x 1-3/4" U-bolts from back-to-front around OEM drag link 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. (Photo # 4) Torque 240 in-lbs.

Tighten drag link stud mount 1/2" Bolt using a 3/4" socket \ wrench. Torque 90 ft-lbs.

6. Place Skyjacker # 7217-MP Passenger Side Frame Main Bracket over OEM frame mount.

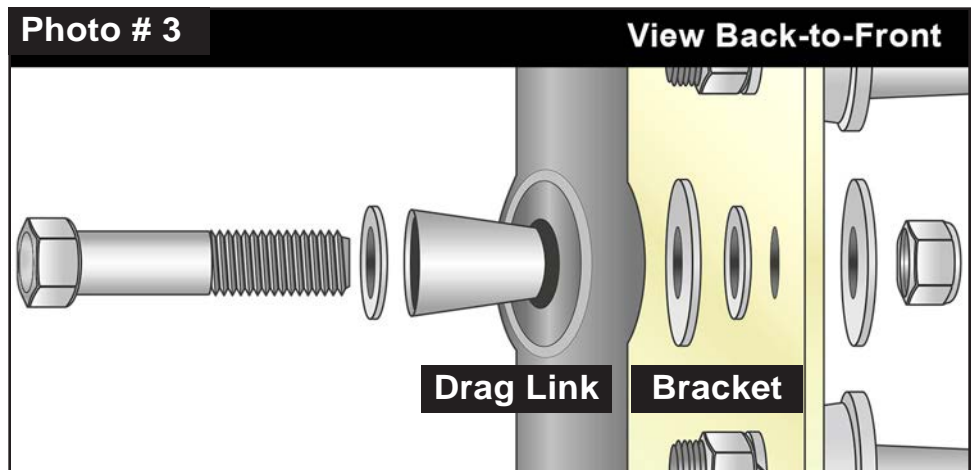
(Photo # 4)

Place Stabilizer Cylinder Eye Bushing \ Sleeve inside OEM frame mount.

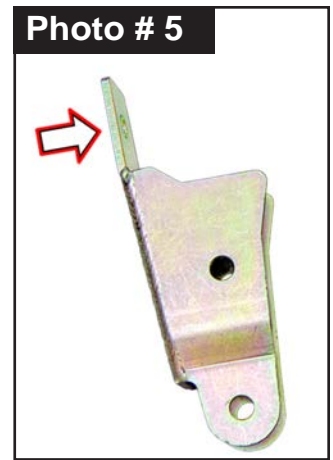
Insert supplied 1/2" x 3" Bolt with 1/2" SAE Washer from back-to-front through Frame Bracket, OEM frame mount & stabilizer cylinder eye. Attach with supplied 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench. Secure, but **Do Not Completely Tighten**.

7. On Flat Plate Bracket top stud mount, coat straight portion of stud with a water resistant grease. Press Shaft Eye Bushing of same stabilizer onto stud mount.

Install large flat washer, lock washer & nut. Tighten nut using 11/16" socket \ wrench until lock washer is compressed & bushing starts to swell slightly.



8. Locate Skyjacker # 7217-MP Passenger Side Frame Main Bracket. (Photo 5) On Main Bracket, rotate upper tab mount flush up against the OEM frame. **Tech Note:** Be sure bracket is perpendicular to the ground. Use bracket as a guide to mark & center punch hole. **Tech Note:** Adjustable locking pliers or a C-clamp can be used to hold the bracket in place.



- Drill out hole using a 1/2" drill bit.
9. Install supplied 1/2" x 4" Fine Thread Bolt & 1/2" USS Washer from outside-to-inside through bracket & drilled hole. (Photo # 4) Attach with 1/2" USS Washer & 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench. Torque 90 ft-lbs.
10. Install second Steering Stabilizer. Place Stabilizer Cylinder Eye Bushing \ Sleeve inside Skyjacker Frame Bracket lower mount. (Photo # 4) Insert supplied 1/2" x 2-1/2" Bolt with 1/2" SAE Washer from back-to-front through Frame Main Bracket & stabilizer cylinder eye. Attach with supplied 1/2" Nylon Insert Lock Nut using a 3/4" socket \ wrench. Secure, but **Do Not Completely Tighten.** On Flat Plate Bracket bottom stud mount, coat straight portion of stud with a water resistant grease. Press Shaft Eye Bushing onto stud mount. Install large flat washer, lock washer & nut. Tighten nut using 11/16" socket \ wrench until lock washer is compressed & bushing starts to swell slightly. Torque All 1/2" bolts to 90 ft-lbs.
11. Cycle steering from side-to-side & check for adequate clearance. Check all brackets & bolts for proper installation.

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

Above Specifications Are Not to Be Used When Bolt Is Being Installed With a Bushing.

Seat Belts Save Lives. Please Wear Your Seat Belt.