

Dual Steering Stabilizer

Dodge 1500/2500 Pickup | 1994-2001

Part # 55377

Rev. 041415



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SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.



DUAL STEERING STABILIZERS WITH FOX CYLINDERS

55377 Box Kit		
Part #	Qty	Description
01585	1	Center Stabilizer Bracket
01530	1	Tie Rod Stabilizer Mount - Drv
01586	1	Tie Rod Stabilizer Mount - Pass
01578	1	Badge Name Plate
01572	1	BDS Badge
887	1	Rivet Bolt Pack
38300400RB	2	3/8" x 3" x 4" U-bolt
561140200RB	4	5/16" x 1-1/4" x 2" U-bolt
306	1	Bolt Pack
	4	3/8" SAE washer
	8	1/4" USS washer
	8	5/16"-18 nylock nut
	4	3/8"-24 nylock nut

55377 Box Kit (cont.)		
Part #	Qty	Description
337	1	Bolt Pack
	2	1/2"-13 x 2-3/4" bolt
	2	1/2"-13 Prevailing torque nut
	4	1/2" SAE washer
322	1	Bolt Pack
	2	1/2"-13 x 2-1/2" bolt
	2	1/2"-13 Prevailing torque nut
	4	1/2" SAE washer

PRE-INSTALLATION NOTES

1. This system includes U-bolts designed for vehicles with a 3" axle tube diameter.
2. Rivet gun required for BDS Badge installation.

INSTALLATION INSTRUCTIONS

3. Raise vehicle and support the frame with jack stands. Turn the wheels so they are straight ahead.
4. Remove the factory steering stabilizer from the OE axle mount. Remove the mounting bracket from the tie rod.
5. Loosely mount the center bracket to the bottom of the axle tube so it seats against the differential housing and is level using the provided 3/8" U-bolts, nuts, and washers (Fig. 1).

FIGURE 1



6. Attach the passenger side outer bracket to the back of the tie rod as shown with the provided 5/16" U-bolts, nuts, and washers (Fig. 2). Adjust so the center to center hole distance to the center bracket is approximately 20 inches.

FIGURE 2



7. Loosen the tie rod adjustment clamps and rotate the clamps only towards the rear of the vehicle to provide clearance for the stabilizer. Attach the driver side stabilizer mount to the bottom of the clamp using the provided 5/16" u-bolts, nuts, and washers. Again the measurement should be about 20". Final adjustments can be made once the cylinders are installed.

FIGURE 3



8. Install the hourglass bushings and sleeves into the stabilizer cylinders.
9. Using the provided 1/2" x 2-3/4" hardware from bolt pack 337, loosely install the badge name plate and stabilizer cylinders onto the center bracket.

For 4" kits and below, mount the stabilizers to the bottom of the center bracket.

For kits taller than 4", mount the stabilizer to the top of the center bracket as shown in the figure.

FIGURE 4



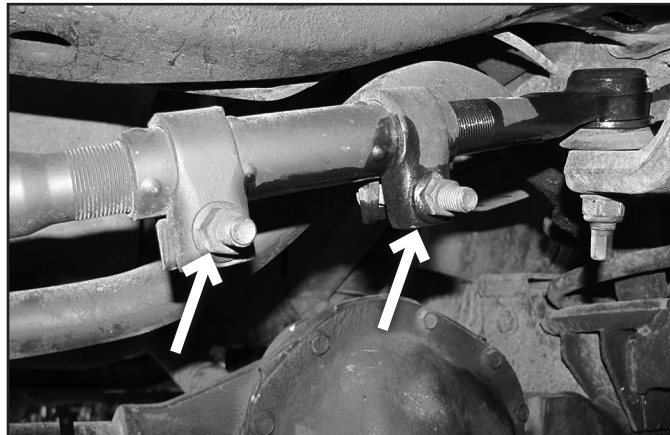
10. The badge can now be riveted on to the front plate using the provided 1/8" rivets. Any residue on the badge can be cleaned up using alcohol or brake cleaner before install. With the badge not installed it can be painted to what ever color you desire, or left raw as a stainless steel badge.
11. Turn the steering all the way to the right and attach the passenger side outer bracket to the stabilizer using the 1/2" hardware from bolt pack 322.
12. Turn the steering all the way left and attach the stabilizer to the driver side bracket using the remaining 1/2" hardware from bolt pack 322.

FIGURE 5



13. With the tires facing forward, measure the exposed rod length of the driver side stabilizer and move the passenger side outer tie rod bracket to match. Level and position the stabilizers to the desired position. Torque all of the hardware using the following specifications:
 - 1/2" hardware: 50 ft-lbs
 - 3/8 hardware: 30 ft-lbs
 - 5/16" hardware: 20 ft-lbs
14. Loosen the drag link adjustment collars and rotate them to the top to provide clearance to the stabilizers.

FIGURE 6



15. Perform a steering sweep to make sure there is no interference and the cylinders have full stroke to the steering stops.
16. Periodically inspect assembly for tightness.



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TIME TO HAVE SOME FUN

Thank you for choosing BDS Suspension.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.