



## D8001 Installation Instructions

### 08-13 RAM 2500 | 08-12 RAM 3500

### Dual Steering Stabilizer Mounting Kit

## Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products 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. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

### »» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

### »» TECHNICAL SUPPORT

[www.zoneoffroad.com](http://www.zoneoffroad.com) may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to [tech-zone@ridefox.com](mailto:tech-zone@ridefox.com) detailing your issue for a quick response.

**888.998.ZONE** Call to speak directly with Zone tech support.

### »» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

### Difficulty Level

easy 1 2 **3** 4 5 difficult

Estimated installation: 6-8 hours

### Special Tools Required

xxxx

### Tire/Wheel Fitment

Tire: Wheel:

-

rev082524

**\*Important\* Verify you have all of the kit components before beginning installation.**

## Front Kit Contents

Qty	Part	Description
1	B1633	Bag Kit - Zone Shield Badge Small
1	B1634	Bag Kit - Ram Dual Stabilizer
1	1574	Bracket: Dodge Center Stabilizer Bracket
1	1575	Stabilizer Brkt - DRV
1	1576	Stabilizer Brkt - PASS
1	1579	Dodge Dual Stab - Hydro-DRV
1	5338	Zone Dual Stabilizer Name Plate Mount Ram 2500

## INSTALLATION INSTRUCTIONS

1. Park vehicle on clean, flat, and level surface with the steering wheels facing straight ahead. Block wheels for safety.
2. Remove the factory stabilizer from vehicle and stabilizer bracket from the tie rod.
3. Remove the tie rod adjusting hardware that is towards the center of the vehicle.
4. Install the correct bracket with 3/8" hardware at location closest to the center of the vehicle and stock hardware closest to the wheel. Adjust bracket so that where the stabilizer mounts is horizontal, it may be necessary to rotate the clamps. Leave hardware slightly loose at this time, it may be necessary to slide the clamps on the adjuster in towards the center of the vehicle for proper cylinder stroke.  
(Fig 1 & 2)



Figure 1

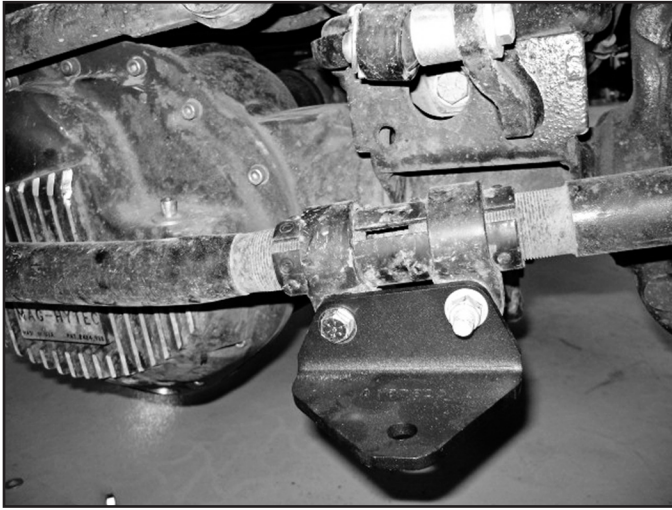


Figure 2

5. Install center bracket below the axle tube. Slide bracket against the differential housing. Attach with new u-bolts and prevailing torque nuts with washers. Adjust bracket so that it is horizontal. Tighten u-bolt nuts to 60 ft-lbs. (Fig 3 & Fig 4)



Figure 3



Figure 4

6. Attach passenger's side bracket to the tie rod with (3) new u-bolts, adjust bracket so that the stabilizer mount is horizontal. Adjust position of the bracket so that it is equal to what the driver's side stabilizer installed length (approximately 20-1/8" - Fox stabilizer / 19-1/8" white body stabilizer, adjust clamps in towards the center of the vehicle on the adjusting collar on driver's side if necessary). Torque to 22 ft-lbs. Tighten driver's side hardware from Fig 2 to 35 ft-lbs. (Fig 5 & 6)



Figure 5



Figure 6

7. Grease and install the bushings and *sleeves that come in the bracket box kit*, do not use the sleeves that come in the stabilizer box. The driver's side body of the stabilizer will require the special sleeve / spacer combo shown. (Fig 10)



8. Install stabilizer to center mount with badge name plate bracket with ½” hardware. Tighten to 50 ft-lbs. (Fig 7 & 8)



Figure 7



Figure 8

9. 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.
10. Attach stabilizer to passenger’s side mounting bracket with ½” hardware. Tighten to 50 ft-lbs. (Fig 9)



Figure 9

11. Attach stabilizer to driver's side mounting bracket with ½" hardware. Tighten to 50 ft-lbs. (Fig 10)



Figure 10

12. Cycle steering to check for adequate stroke of cylinders. Recheck hardware for proper torque. (Fig. 11)



Figure 11

13. Perform a steering sweep to check for adequate compression and extension of stabilizer cylinders. Adjust outer stabilizer mounts as necessary.
14. Recheck all fasteners for proper torque.
15. Check hardware again after 500 miles

