

# INSTALLATION GUIDE



Part#: 122413



**HARDCORE LIMITED LIFETIME WARRANTY**

## Sway Bar Disconnects

**Dodge Ram 2500 | 2003-2012**

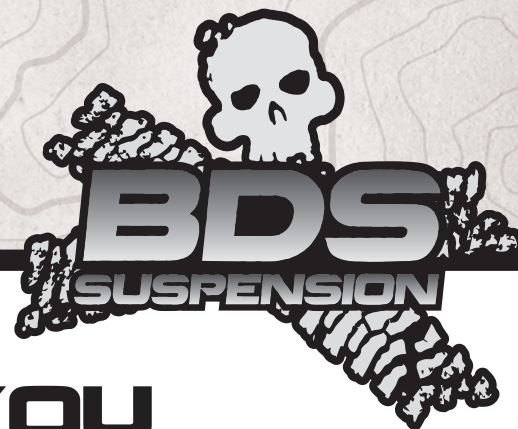
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# Read And Understand All Instructions And Warnings Prior To Installation Of System And Operation Of Vehicle.



## THANK YOU

Your truck is about to be fitted with the best suspension system on the market today. That means you will be driving the baddest looking truck in the neighborhood, and you'll have the warranty to ensure that it stays that way for years to come. Thank you for choosing BDS Suspension!

### BEFORE YOU START

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.

### FOR YOUR SAFETY

Certain BDS 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. BDS Suspension Co. 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.

### BEFORE INSTALLATION

- Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
- Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
- 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.
- 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.
- Secure and properly block vehicle prior to installation of BDS Suspension components. Always wear safety glasses when using power tools.
- If installation is to be performed without a hoist, BDS Suspension Co. recommends rear alterations first.
- 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.



Visit [560plus.com](http://560plus.com) for more information.

### TIRES AND WHEELS

See Lift Kit Requirements



### BEFORE YOU DRIVE

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.

Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.

Perform head light check and adjustment.

Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

# CONTENTS OF YOUR KIT

## Box Kit

| Part #       | Qty | Description                     |
|--------------|-----|---------------------------------|
| 342701       | 1   | Thread locker                   |
| 911120       | 2   | Sway Bar Links                  |
| M00475-bk-01 | 4   | Bushings                        |
| 7608         | 4   | Grease Zerk                     |
| 02784        | 2   | Clevis Bracket                  |
| 03029        | 2   | Sleeve                          |
| 02785        | 2   | Stainless Steel Post            |
| 3005         | 2   | Quick Pin                       |
| 678          | 1   | Bolt Pack                       |
| 01316        | 2   | Lanyard                         |
| B14X34G5     | 2   | 1/4" x 3/4" Self Threading Bolt |

## Bolt Pack #678

| Qty | Description                                                  |
|-----|--------------------------------------------------------------|
| 2   | 9/16"-18 x 1-1/2" bolt - grade 8 - yellow zinc (FINE THREAD) |
| 2   | 9/16" SAE Washer - yellow zinc                               |
| 2   | 10mm-1.50 x 60mm bolt - clear zinc - class 10.9 or better    |
| 4   | 10mm flat washer - clear zinc                                |
| 2   | 10mm-1.50 Nylock nut - clear zinc                            |
| 2   | 5/8"-11 x 1-3/4" bolt - grade 5 - clear zinc                 |
| 4   | 5/8" SAE Washer - clear zinc                                 |
| 2   | 5/8"-11 Nylock Nut - Clear Zinc                              |

## TROUBLESHOOTING INFORMATION FOR YOUR VEHICLE

1. This kit is designed to work with 3"-8" of lift. It is specifically designed to work with the BDS 3" progressive coil kit and up to 8" BDS long arm kits including coilover kits.
2. This kit will NOT work with sway bar drop brackets at the frame, if these are present the brackets must be removed and sway bar put in the original position.
3. Will not work with 03-08 BDS 8" kits that have the sway bar relocation brackets at the axle, or any other kit that has the sway bar mount at the axle relocated.
4. The inverted 'T' style steering found on 08.5+ newer trucks is highly recommended for steering to sway bar link clearance. 03-08 model year trucks may require steering upgrade at extreme lift heights. Do not vary from the shocks listings, max length for 3" kits is 25-1/4" extended or 8" kits 30" extended.

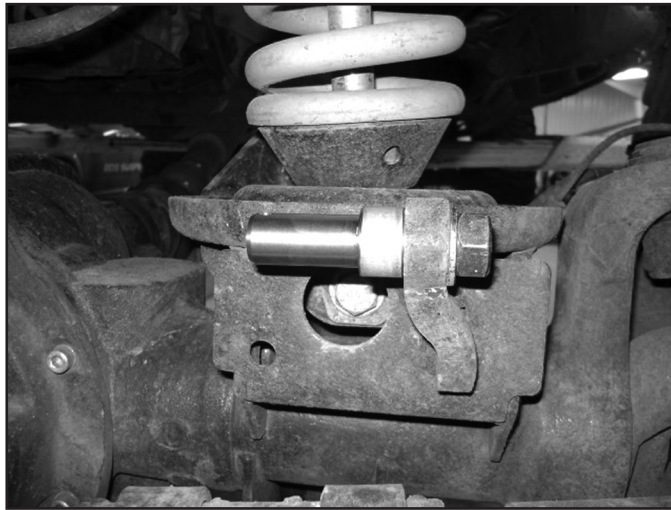
**TECH  
TIPS**

# INSTALLATION INSTRUCTIONS

## INSTALLATION INSTRUCTIONS

1. Park vehicle on clean, flat, and level surface. Block the wheels for safety.
2. Remove the stock sway bar links, or if already installed, longer replacement sway bar links and any mounting brackets.
3. Install the lower stud with 9/16" x 1-1/2" fine thread bolt with washer to the axle mount with thread locker on the threads. The stud will face in towards the center of the vehicle. Use a small screw driver to keep the stud from rotating when tightening. Tighten to 95 ft-lbs. (Fig 1)

**FIGURE 1**



4. Attach clevis bracket to the sway bar with 5/8" x 1-3/4" bolt, washers, and nylock nut. Tighten to 95 ft-lbs.
5. Grease and install sleeve into the bushing. Attach the sway bar link assembly into the clevis bracket with 10mm x 60mm bolt, washers, and nut. Tighten to 45 ft-lbs. (Fig 2)

**FIGURE 2**



6. Swing the sway bar assembly up out of the way. Locate the retaining straps and find a place to attach on the frame rail to keep the sway bar and link assembly up when disconnected. Predrill the hole to 7/32". Attach the retaining strap with 1/4" x 3/4 self threading bolt, tighten securely, do not over tighten. (Fig 3)



**FIGURE 3**



7. Attach the sway bar link to the lower axle, use the lynch pin to keep the sway bar link on the stud. Note: If hanging on a hoist, it may be difficult to attach the passenger's side due to the trackbar shifting the axle. Attach when vehicle is on the ground if installation was performed on a hoist. (Fig 4, 5)

**FIGURE 4**



**FIGURE 5**



8. Grease sway bar links at this time. Recheck all hardware for proper torque, check again after 500 miles, re-grease sway bar links regularly.



### **WE WANT TO SEE YOUR RIDE!**

Grab photos of your BDS-equipped truck in action and send them in for a chance to be featured. Send it in to our Bad Ass Rides customer gallery at [bds-suspension.com/bar](http://bds-suspension.com/bar) and post them on the BDS Fan Page on Facebook at [facebook.com/BDSSuspensions](https://facebook.com/BDSSuspensions). Don't forget about your BDS swag! BDS offers t-shirts, hoodies, decals and more available on the BDS website or through your local BDS distributor.

## **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.