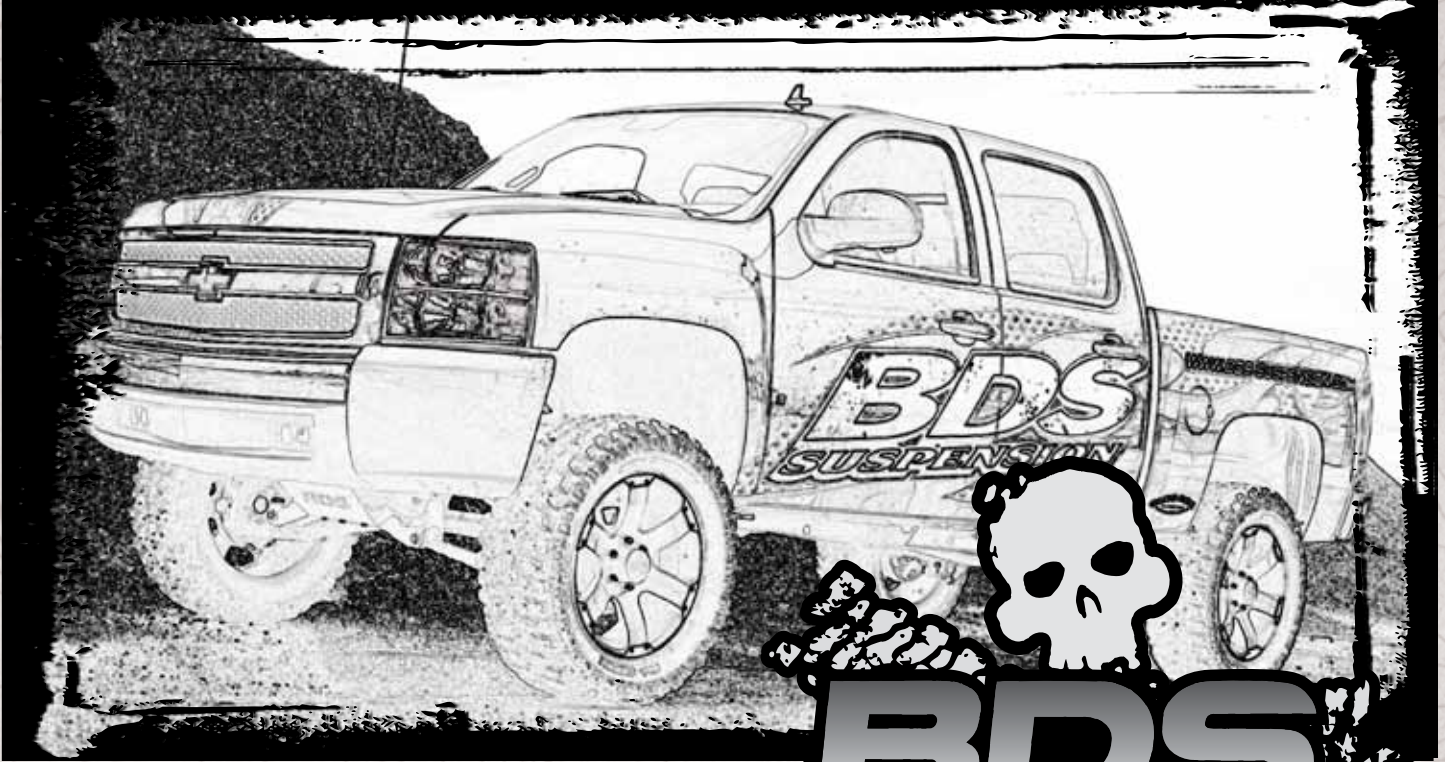
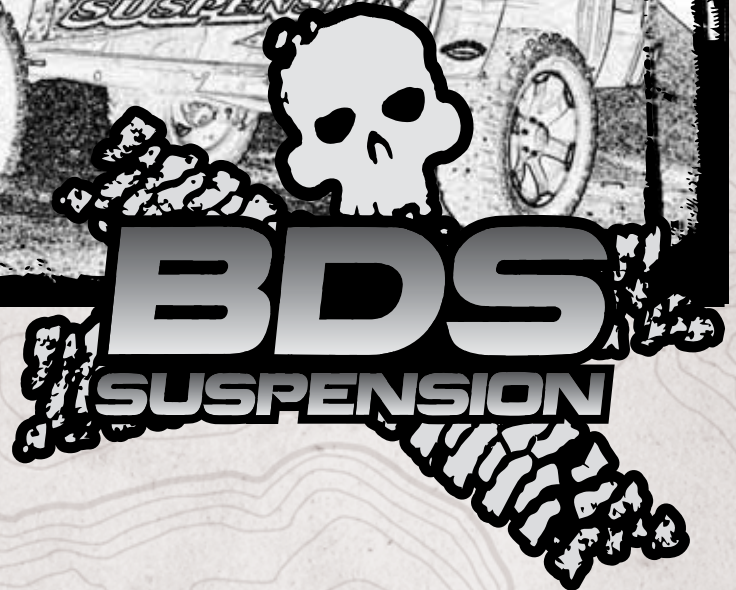


INSTALLATION GUIDE



Part#: 011458, 011558



HARDCORE LIFETIME WARRANTY

4" / 5.5" Rear Leaf Spring Box Kit

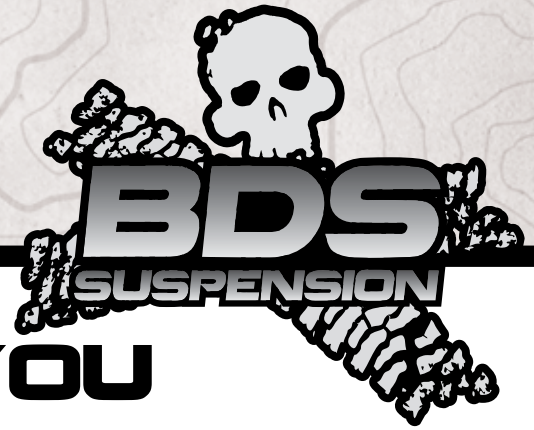
Chevy/GMC 1500 | 1999-2013

Rev. 042414

491 W. Garfield Ave., Coldwater, MI 49036 • Phone: 517-279-2135

Web/live chat: www.bds-suspension.com • E-mail: tech@bds-suspension.com

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 for more information.

TRACTION CONTROL

In an effort to reduce the risk of rollover crashes the National Highway Traffic Safety Administration (NHTSA) established the Federal Motor Vehicle Safety Standard (FMVSS) No. 126 requiring all new passenger vehicles under 10,000 lbs GVWR include an electronic stability control (ESC) system as standard equipment. Effective August 2012 this law requires after-market products to be compliant with these same standards.



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

011458, 011558

| Part # | Qty | Description |
|------------|-----|---|
| 30 | 2 | 0.875 x .120 x 3" Dom Sleeve |
| 3521BK | 8 | Lower 7/8" ID Bushing |
| W96S-B | 8 | 9/16" SAE Flat Washer |
| N96FH-B | 8 | 9/16" Fine High Nut |
| 49 | 2 | 7/8 x .134 x 3" Sleeve |
| 962121000Q | 4 | 9/16 x 2-1/2 x 10 U-Bolt (011558 only) |
| 962120834Q | 4 | 9/16 x 2-1/2 x 8-3/4 U-Bolt (011458 only) |

TROUBLESHOOTING INFORMATION FOR YOUR VEHICLE

TECH TIPS

1. Some 2007 model new body style trucks will require drilling of the upper u-bolt plate.

INSTALLATION INSTRUCTIONS

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the front wheels for safety.
2. Raise the rear of the vehicle and support with jack stands under the frame rails ahead of the rear axle.
3. Remove the wheels.
4. Support the rear axle with a jack under the differential and remove the shocks.
5. Disconnect the rear brake line from the frame rail by removing the two retaining bolts (99-06 models).

COMPLETE THE FOLLOWING STEPS ONE SIDE AT A TIME

6. Remove the passenger's side u-bolts.
7. Lower the axle from the springs.
8. Remove the front spring hanger bolt and the rear shackle-to-frame bolt and remove the spring from the vehicle.



Tip If installing a 011558 the rear factory block will be reused, if installing a 011458 it will not be reused.

9. With the spring out of the vehicle, remove the shackle from the OE spring and mount it to the new spring with the OE bolt and nut. Leave the shackle bolt loose.
10. Install the new spring in the vehicle and fasten with the OE hanger and shackle hardware. Leave all spring mounting hardware loose.



Tip On some 2007 model new body style trucks the upper U-bolt spreader plate needs to be reused. Place a C clamp on each side of the plate and un-bolt the center pin. Remove plate and reinstall nut on pin. Now use a 5/8" drill and enlarge the center hole of the plate and install it over the nut on the new springs.

11. Raise the axle and align the spring center pin to the hole in the OE block for a #011558 kit or the hole in the axle mount for a #011458 kit. Fasten the spring to the axle with the new u-bolts, nuts and washer. Snug hardware. Final u-bolt torque should be done with the vehicle on the ground.
12. Repeat the installation procedure on the opposite side of the vehicle.
13. Install the new BDS shocks with the stock hardware and torque the bolts to 65 ft-lbs. Note: The axle mounting tabs may need to be bent open slightly to allow for clearance of the larger diameter shocks.
14. 99-06 models: Place the OE brake line bracket under the upper lip of the frame and attach it using the OE holes and hardware.
15. Lower the vehicle to the ground. Bounce the rear of the vehicle to help settle the springs.
16. Torque the u-bolts to 100-120 ft-lbs.
17. Torque the front spring hanger bolts to 92 ft-lbs. Rear of the spring to shackle, and shackle to frame bolts to 70 ft-lbs.
18. Check all fasteners for proper torque
19. Check fasteners after 500 miles.



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 and post them on the BDS Fan Page on Facebook at 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.