

INSTALLATION GUIDE



Part#: 021250



HARDCORE LIMITED LIFETIME WARRANTY

Upper Control Arm Kit

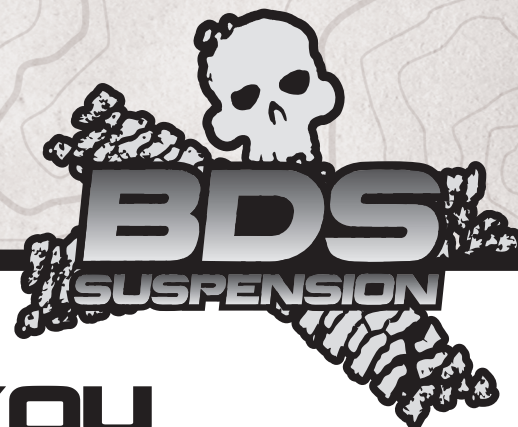
Chevy/GM 2500/3500 HD Pickup 2WD/4WD | 2001- 2011

Rev. 092525

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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 for more information.

TIRES AND WHEELS

NA

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

BDS121250 - UCA Box Kit

Part #	Qty	Description
A258	1	UCA Assembly - DRV
A259	1	UCA Assembly - PASS
02911	2	Aluminum Cap - Anodized

INSTALLATION INSTRUCTIONS

REQUIRED TOOLS

1. Torque Wrench

TECH TIPS

1. For replacement ball joints use service kit BDS081203. Ball joint is directional and must be installed with the 'dot' facing either inward or outward on the vehicle, otherwise damage may occur.

FRONT INSTALLATION

1. Park the vehicle on a flat, clean surface and block the rear wheels for safety.
2. Raise the front of the vehicle and support with jack stands under the frame rails.
3. Remove the wheels.
4. Remove the front shock absorber. (Fig. 1)



Figure 1

5. Loosen the upper ball joint nut, but DO NOT remove.
6. Using a ball joint separator, disconnect the upper control arm from the steering knuckle.

7. Remove the upper control arm nuts, and the adjustment cams (Fig 2)

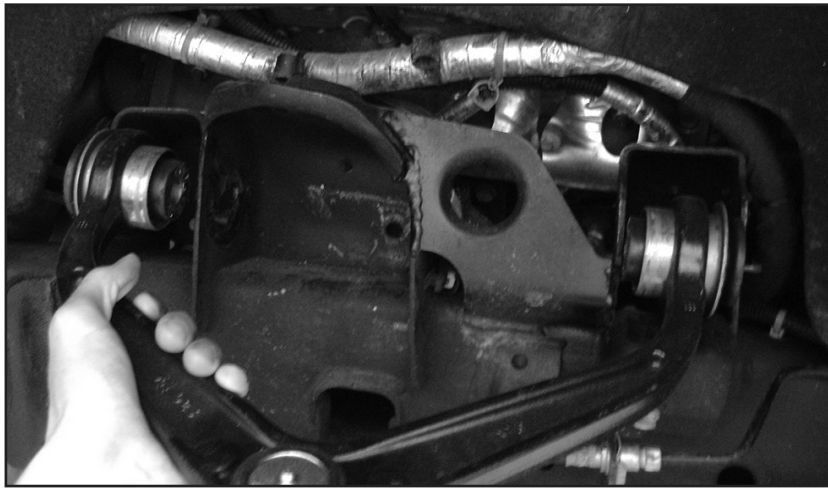


Figure 2

CONTROL ARM INSTALLATION

8. Install the upper control arms using the factory cam bolts, washers, and nuts. Do not torque to specification at this time. Center the cams and snug hardware. (Fig. 3)



Figure 3

9. If installing strut / coilover do so at this time according to manufacturers instructions.
10. Attach UCA to knuckle. Torque to 37 ft-lbs.
11. Replace wheels and lower vehicle to the ground. Torque lug nuts to OE specifications.
12. Jounce vehicle several times.
13. Torque UCA nuts/bolts to 192 ft-lbs.

FINAL CHECK

14. The vehicle will need a complete front end alignment. Variations in ride height will affect alignment. Do not adjust coil overs down to a lower height, or alignment may not be possible. If alignment specifications are difficult to achieve, additional positive caster is acceptable and recommended for improved driving characteristics.
15. Check all hardware after 500 miles.
16. Grease the ball joint at regular service intervals.



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.