



## C1309 Installation Instructions 2007-2014 Chevy 1500 2/4wd Rear 3" Block Kit

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

### Difficulty Level

easy 1 (2) 3 4 5 difficult

Estimated installation: 1 hour

### » 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.

### Kit Contents

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

Qty	Part
2	3" Lift Block
4	9/16" x 2-9/16" x 11-3/8" U-bolt
8	9/16" High Nut
8	9/16" Washer

## Installation Instructions

1. Block the front wheels. Safely raise the rear of the vehicle and support with jack stands just ahead of the front leaf spring frame mount.
2. Remove the wheels.
3. Support the rear axle with a floor jack.
4. Disconnect the rear brake line bracket from the top of the differential **Figure 1**. Save hardware.

### Step 4 Note

The bracket uses a captive bolt, meaning that it is loosely pressed into the bracket hole.

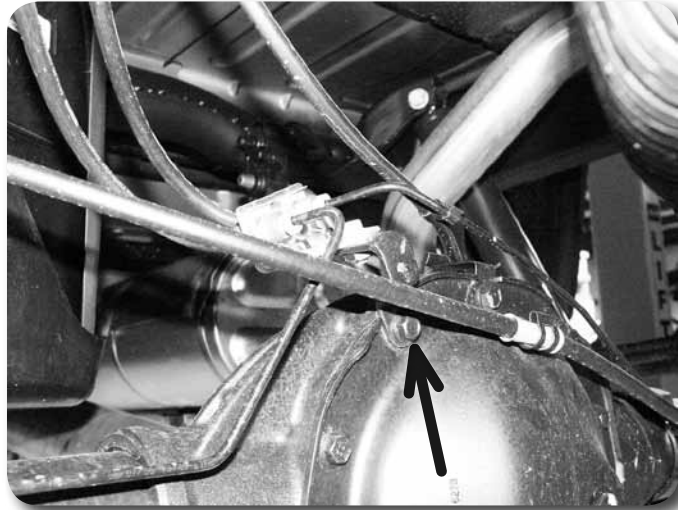


Figure 1

5. Remove the ABS lines from the retaining clip on the bottom of each frame rail. **Figure 2**.

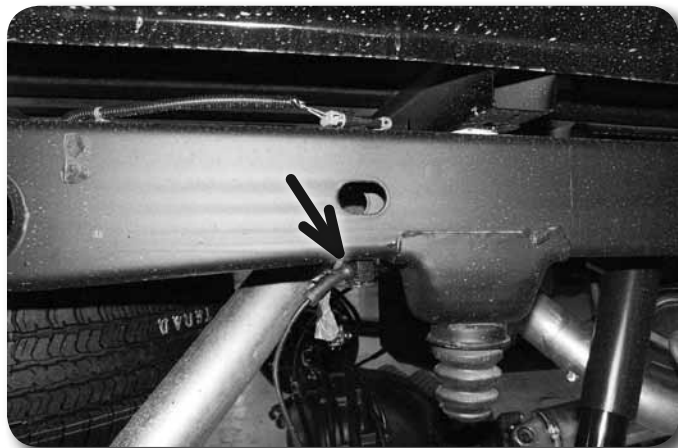


Figure 2

6. Support the center of the axle with a hydraulic jack. Remove the factory shocks from the axle and frame. Save hardware and discard shocks.
7. With the axle still well support remove the passenger's side u-bolts. The u-bolts will not be reused. Slowly lower the axle and remove the factory block from the axle. The factory block will not be reused.
8. Lower the axle just enough to install the new provided lift block between the axle and the spring. Align the pin in the block with the hole in the axle and the hole in the block with the leaf spring pin. It may be necessary to loosen the driver's side u-bolts slightly to allow the axle to lower far enough to install the block. The block is tapered. Make sure the short end of the block goes toward the front of the vehicle.

### Step 8 Note

The hole in the factory axle mount may need to be clearanced slightly for proper pin fitment.

- Using the support jack, raise the axle so that the axle, spring and block are all touching. Install the new provided u-bolts, nuts and washers allow with the factory u-bolt plate. Snug u-bolts but do not tighten. **Figure 3**



Figure 3

- Repeat the installation on the driver's side of the vehicle. Pay special attention to all of the brake lines and wires. Do not allow them to get over-extended.
- Locate the new rear shocks. Install the provided bushings and steel sleeves into the eyes of the shocks. Lubricating the bushings and sleeves with some grease will make installation easier.
- Install the new shocks with stock hardware and torque upper and lower bolts to 65 ft-lbs. The axle mounting tabs may need to be bent open slightly to allow for clearance of the larger diameter shocks. Also, check the clearance between the shock body and the brake line bolt (drv's side), this bolt may need to be trimmed.
- Reconnect the brake line bracket to the top of the differential using the factory bolt. Torque to 15-20 ft-lbs. If additional brake line slack is needed, reform the bracket upward approximately 30-45 degrees so the rubber lines are point up and forward toward the frame.
- Reconnect the ABS lines to the plastic retaining clip at the bottom of each frame rail.
- Install wheels and tires. Torque lug nuts to 140 ft-lbs. Lower vehicle.
- Bounce the rear of the vehicle to settle the suspension. Torque leaf spring u-bolts to 100-120 ft-lbs.

## »» POST INSTALLATION

- Double check all fasteners for proper torque.
- Check all moving parts for clearance.
- Align headlights
- Double check the brake lines for adequate slack at full wheel travel.
- Check all fasteners after 500 miles.

## Post-Installation Warnings

- 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.
- Perform head light check and adjustment.
- Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.