



D1516, D1517 Installation Instructions 2019 Ram 3500 5" Rear Block 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 may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to 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.
8. Kit is not designed for Vehicles equipped with Auto Level Rear Air Suspension Package

Difficulty Level

easy 1 (2) 3 4 5 difficult

Estimated installation: 1-2 hours

Special Tools Required

N/A

Tire/Wheel Fitment

37x12.50 w/5-1/2" Backspacing

35x1250 w/ 4-1/2" Backspacing

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

D1516, D1517 Kit Contents

Qty Part

2	5" Rear Block, Flat, 1/2" offset
1	Brake Line Bracket
4	9/16-18 x 4-3/8" x 16-1/2" Round U-Bolt or
4	9/16"-18 x 4-3/8" x 19-1/2" Round U-Bolt
2	Center Pin
8	9/16" High Nuts

8

9/16" Washers

1

Bolt Pack - Brake Line Bracket

INSTALLATION INSTRUCTIONS

1. Disconnect e-brake cable and reroute the line to give adequate slack in the cable at full droop, reattach once routed for extra slack. (Figure 1, 2)

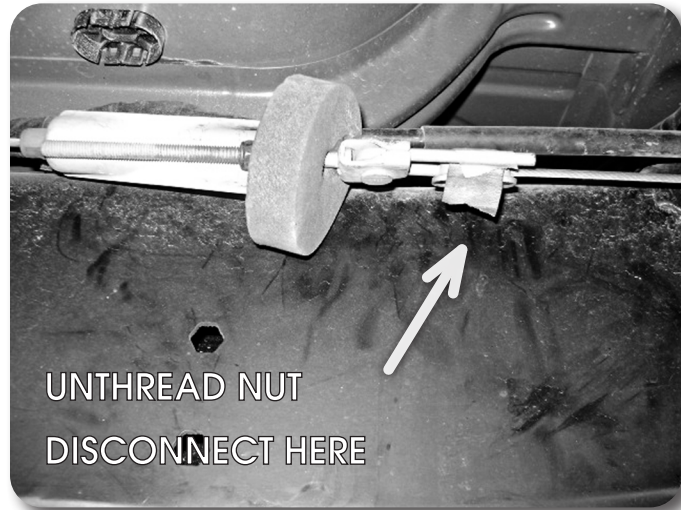


Figure 1



Figure 2

2. Disconnect the rear brake line bracket from the differential cover to allow extra slack when installing the rear blocks. (Figure 3)



Figure 3

3. Remove the factory shocks, retain all mounting hardware.
4. Support the rear axle with a hydraulic jack. Remove the u-bolts and plates from one side of the vehicle only. Loosen the u-bolts on the opposite side slightly, but do not remove.
5. Remove the middle plastic center pin from the leaf pack and install the new press-in steel center pin provided. (Figure 4, 5)



Figure 4

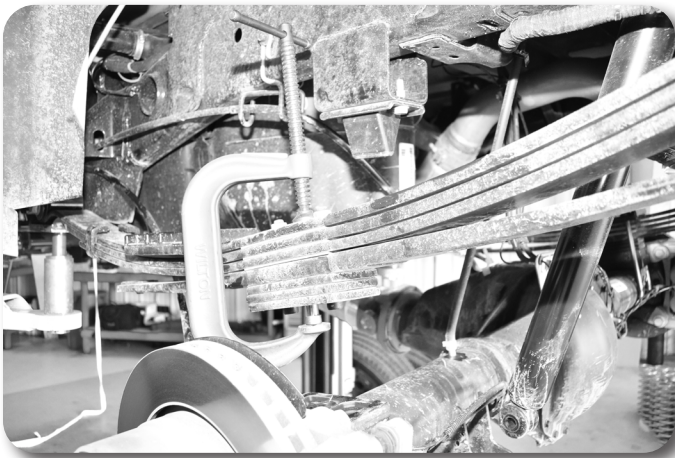


Figure 5

6. Place the new block on the spring perch to offset the axle forward. Align the pin in the axle perch hole.
7. Raise the axle to the spring while aligning the center spring pin to the hole in the block.
8. Install the new u-bolts and snug the assembly together. Final u-bolt torque should be done with the weight of the vehicle on the springs.
9. Repeat the procedure on the other side.
10. Grease bushings and sleeves, install them into both ends of the shocks with factory hardware. Tighten to 60 ft-lbs. If installing optional Fox Shocks, the body will be located at the frame mount..
11. Using factory hardware and mount the supplied rear brake line bracket to the differential cover. Then mount the factory bracket to the supplied bracket using the 3/8" supplied hardware in bolt pack 354. (Figure 6)

Step 11 Note

The 3/8" hardware is located in Bolt Pack 354.

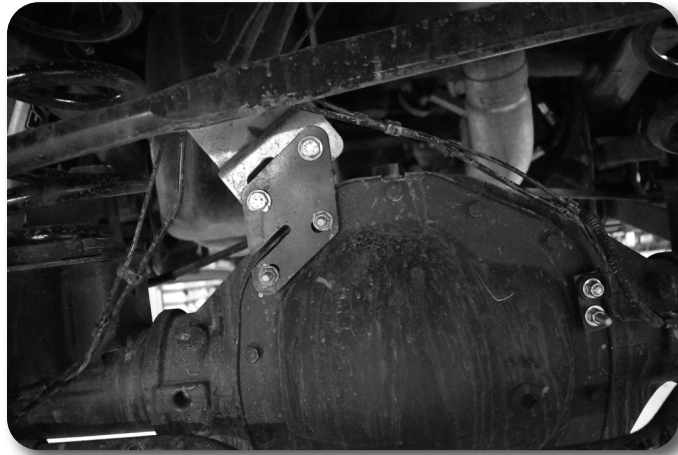


Figure 6

12. Reinstall wheels, torque to specification.
13. Lower the vehicle to the ground.
14. Torque the u-bolts to 100-120 ft-lbs.
15. Check all hardware for proper torque.
16. Check hardware after 500 miles.