



D1201 Installation Instructions

2013-2021 Dodge Ram 3500 4WD

2014-2021 Dodge Ram 2500 4WD

Leveling Kit D1201

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.

Difficulty Level

easy 1 **2** 3 4 5 difficult

Estimated installation: hours

Special Tools Required

General Tools

Tie Rod Separator (recommended)

Tire/Wheel Fitment

35x12.50 w/ 5.5" of Backspacing

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

D1201 Kit Contents

<i>Qty</i>	<i>Part</i>
2	Dodge 3500 Spacers
1	605 Bolt Pack
2	7/16" x 1-1/4" Bolts
4	7/16" Washers
2	7/16" Nuts

INSTALLATION INSTRUCTIONS

1. Park vehicle on clean, flat, and level surface. Block the rear wheels for safety
2. Remove the front trackbar hardware from the frame. Keep the bolt and nut tab for reinstallation later. (Fig 1)

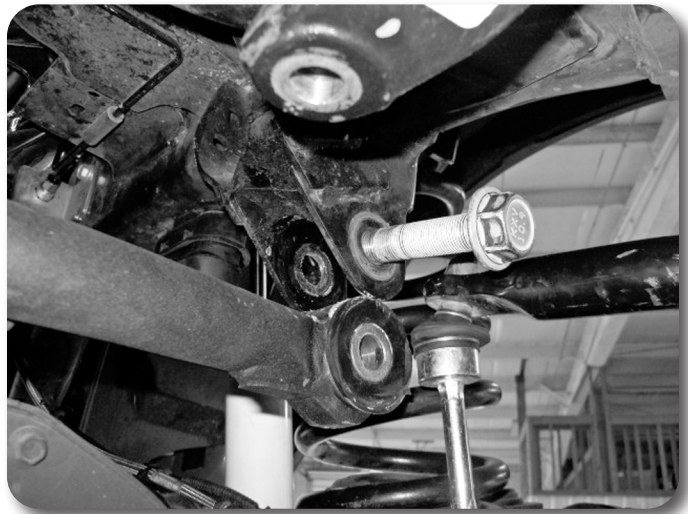


Figure 1

3. Raise the front of the vehicle and support frame rails with jack stands. Support the front axle with a hydraulic jack, and remove the front wheels.
4. Disconnect the sway bar links from the sway bar, and allow the sway bar to swing up. (Fig 2)



Figure 2

5. Disconnect the brake line brackets from the top of the radius arm mount on the front axle. (Fig 3)

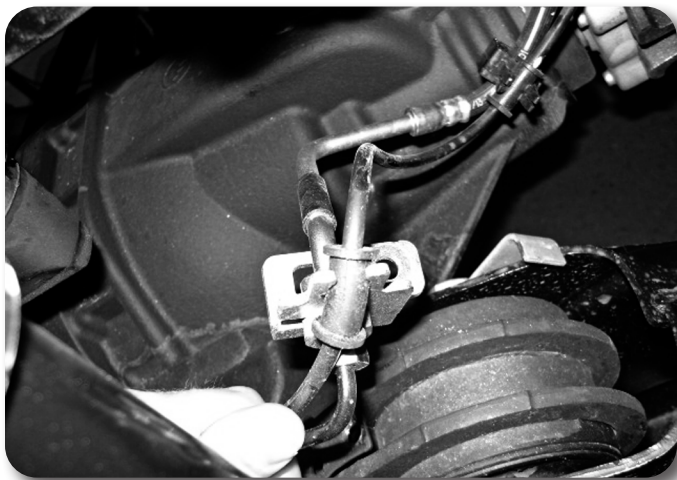


Figure 3

6. Disconnect the drag link from the pitman arm, use correct puller to avoid damaging the tie rod end boot. (Fig 4)



Figure 4

7. Disconnect the front shocks from the axle, keep the lower mounting bolt and nut tab. (Fig 5)



Figure 5

Fig 9 Note:

Hardware for spacer is located in Bolt Pack 605

- Lower the front axle and remove the coil springs. Check for slack in ABS wires, brake lines, and differential breather hose. Keep the coils separated, do not mix sides.
- Install new spacers with 7/16" hardware through the factory hole. Tighten to 35 ft-lbs. The orientation of the parts will be so that the weld seam is facing away from the center of the vehicle. There is an extra hole in the bracket, only one hole will be used per side. (Fig 6a, 6b)



Figure 6A

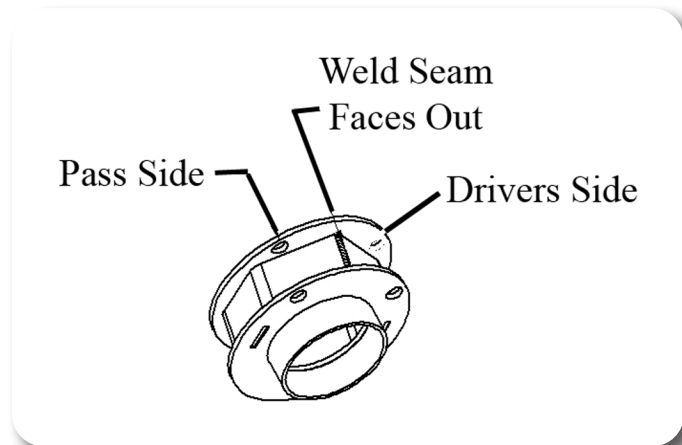


Figure 6B

- Reinstall the factory upper isolator and coil springs. The tab on the isolator will go directly below the bolt. Coil orientation is critical to keep the factory coils from bowing an excessive amount.
- Raise front axle and attach shocks. Tighten upper bushings until they begin to swell if installing new shocks. Tighten lower shock bolt to 89 ft-lbs.
- Reattach sway bar links to the sway bar with factory hardware. Tighten to 60 ft-lbs.
- Reattach the drag link to the pitman arm with factory hardware. Tighten to 27 ft-lbs Plus 180 Degrees. .
- Reattach the factory brake line brackets to the axle with factory hardware. Tighten to 12 ft-lbs.
- Install wheels, if installing aftermarket wheels remove the retaining clips on the lug studs before installing new wheels. Tighten to factory specifications.

16. Lower vehicle to the ground.
17. Turn the steering wheel and reattach the track bar with factory hardware. Tighten to 285 ft-lbs.
18. Perform a steering sweep and check for adequate clearance. Recheck all hardware for proper torque.
19. Adjust steering wheel to center by adjusting the collar on the drag link, do not drive the vehicle with the steering wheel crooked or traction control problems may arise.
20. Have an alignment performed. Recheck all hardware after 500 miles.

OPTIONAL REAR SHOCK INSTALLATION:

» 2500 MODELS ONLY

21. **Rear Shock Installation:** Grease and install bushings and sleeves into new shocks. Install new shocks with new stem bushings and washers, the same as the factory shock setup. Fox shocks only: Fox shocks will require an offset stem eliminator bracket. The eye of the shock will need to be offset to the REAR of the vehicle to give the shock body clearance to the frame rail hole. Locate the OE frame hole towards the rear of the vehicle from the original stem mounting hole. Enlarge this hole using a 3/8" drill bit to fit to the tab on the offset bracket. Verify shock clearance to the frame opening, in may be necessary to slightly enlarge the opening due to variances in trucks, however this is highly unlikely. (Fig. 7)



Figure 7

» 3500 MODELS ONLY

22. **Rear Shock Installation:** Grease and install bushings and sleeves into new shocks. Install new shocks the same as the factory shock setup.

Fig 21 Note:

Hardware for the stem eliminator is in the shock box and is Bolt Pack 946

Post-Installation Warnings

1. 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.
2. 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.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.

Component	Torque (FT-LBS)
<i>Track Bar to Frame</i>	285
<i>Stabilizer Link Stabilizer Bar nut</i>	60
<i>Shock Absorber Lower Bolt</i>	89
<i>Drag Link To Pitman Arm</i>	27 Plus 180 degrees