



ZOND3403 Installation Instructions **2025 Ram 2500/3500 - 4WD - Diesel** **4" Front Coil Spring - Single Coil**

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.

Difficulty Level

Easy 1 2 **3** 4 5

Estimated installation: 8 hours

Tire/Wheel Fitment

37x12.50 w/ 5.625" Backspacing on 9" wide wheel

35x12.50 w/ 4.5" Backspacing on 9" wide wheel

» 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. 18IN WHEELS MAXIMUM RECOMMENDED BACKSPACING IS 4.5". TEST FIT WHEELS ON VEHICLE BEFORE MOUNTING TIRES TO ENSURE WHEEL BARREL CLEARANCE. ADHESIVE WHEEL WEIGHTS MUST BE USED.

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

Kit Contents

Qty	Part
1	Coil Spring
1	Bump Stop

IMPORTANT

It is required that ride height measurements be taken before and after installation. Measure from the **WHEEL AXLE CENTER** up to the **FENDER LIP** of the wheel opening. Do this for all 4 wheels. Record measurements below.**

BEFORE:

LF _____ RF _____ LR _____ RR _____

AFTER:

LF _____ RF _____ LR _____ RR _____



****These ride heights will be required if you have any ride height concerns after installation. Please be prepared to provide these to Technical Support.**



For 2025 models only. CAUTION: Disconnect the transmission line bracket (Fig. 1A) to move lines away top of coil bucket while drilling the indexing hole for the top spacer. (Fig. 1B)



Figure 2A

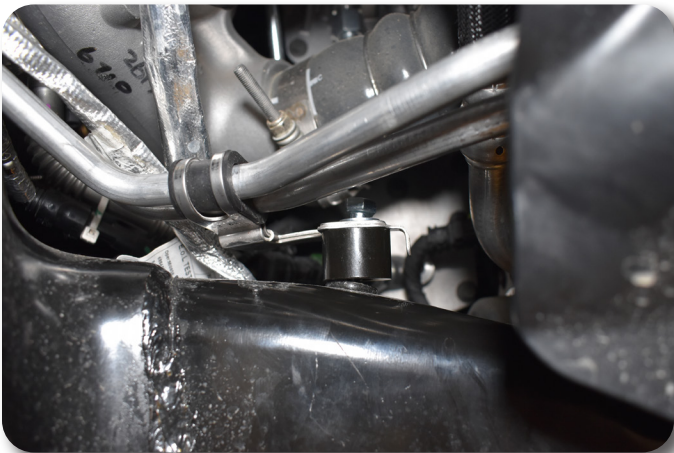


Figure 2B

» INSTALLATION INSTRUCTIONS

1. **Lower the axle and install the new coils with factory isolator.** The end of the spring with the windings closer together will go at the top, do not install upside down. **The passenger's side upper mount will need to be reindexed.** There is a template at the end of the instruction sheet. Cut this out and place over the passenger's side upper mount, mark the center of the hole. (Fig 1A, 1B)



Figure 1A



Figure 1B

2. Drill the marked hole to 1/2". The hole should now be directly to the 'Rear' of the vehicle. Install isolator with the new coil spring. Ensure that coils are seated properly, have someone help if necessary. (Fig. 3A, 3B)



Figure 3A



Figure 3B

3. Reattach transmission lines if applicable.

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. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 100 miles. Always inspect fasteners and components during routine servicing.

