



D1413 Installation Instructions 2013-2026 Ram 3500 4WD & 2014-2025 Ram 2500 4WD Heavy-Duty Replacement Radius Arms

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: 2 hours

»» 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.

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

Pre-Installation Notes

1. The following instructions outline the installation of the heavy-duty radius arms as an upgrade to a previously install lift. If installing a new complete Zone Offroad lift system, follow the instructions included with the main component box kit and disregard these instructions.
2. This kit is intended for use on vehicles with 4-6" of lift. The new radius arms are designed to mount in the factory frame and axle locations. If the current suspension lift installed has relocation brackets mounted to the frame they will need to be removed.
3. These instructions will outline the installation as an upgrade to an existing kit. All lifts are different and may require more modification than outlined depending on the style/manufacturer of the lift. Read the instructions completely before beginning the installation. If you have further questions contact Zone Offroad tech support or the manufacturer of your current lift before beginning.

D1413 Kit Contents (2 required per truck)

Qty	Part
1	Radius Arm Drv or Pass
1	Zone Badge
1	Bolt Pack - Badge
3	#8-32 Button Head Bolt
3	#8-32 Flange Nut
3	5/32 Rivet

Installation Instructions

1. Park the vehicle on a clean, flat surface and block the rear wheels.
2. Determine the amount of lift previously installed on the vehicle. This radius arm kit is designed to work with 4-6" of lift.
3. Raise the front of the vehicle and support with adequate jack stands so that the radius arms are free to move and the weight of the vehicle is off the front axle.
4. Remove the front wheels.

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5. Support the front axle with a hydraulic jack. Working on the passenger's side first, remove the factory radius arm from the axle and frame. The brake lines will need to be disconnected from the arm. Save all hardware.
6. If equipped, remove any aftermarket frame relocation brackets that may be installed. The factory frame bracket must be used with the new radius arms. Inspect the factory bracket to ensure it is unmodified and completely intact.
7. The Zone logo badges do not come pre-assembled to give you the opportunity to customize the paint color on the badges. The badges are stainless steel and can be installed as packaged. Using either the #8 button head bolts and flange nuts, or the rivets, install the logo badges on the outside face of each arm (opposite sides for each arm). The arms are not side specific until you install the badge on the side facing out for each one.
8. Install the new radius arm with the factory frame and axle mounting bolts, including the factory cam bolts. Leave hardware loose.
9. Follow the same process as done on the passenger side to remove driver's side radius arm. If all 3 mounting bolts were not installed on the passenger's side arm, do so before removing all the driver's side bolts by removing the driver's side cam bolt and rotating the axle to align the passenger's side.
10. Repeat the radius arm installation on the driver's side.
11. With the installation of both radius arms complete, install the front wheels and lower the vehicle to the ground.
12. Bounce the front of the vehicle to settle suspension. Position the front cam bolts so that the bolt head is as far forward as possible. Torque all 6 radius arm bolts to 200 ft-lbs.
13. Check all hardware for proper torque. Check hardware again after 500 miles.
14. Grease the new radius arm frame bushings with a lithium-based chassis grease.
15. The vehicle will require a complete front end alignment.
16. Depending on the original lift setup, some vehicles may require further front driveline adjustment/modification.

Step 9 Note

It may not be possible to get all 3 bolts installed because of the rotation of the axle. If this is the case, install the frame and top axle bolts first. The cam bolt will be installed once the driver's side radius arm is removed.