

CS-DFRA-14 – Fabricated Radius Arms

NOTE:

Please review the product instructions prior to attempting installation to ensure installer is equipped with all tools and capabilities necessary to complete the product installation. We recommend thoroughly reading the instructions at least twice prior to attempting Installation.

Before beginning disassembly of the vehicle, check the “What’s Included” section of the instructions to ensure you’ve received all parts necessary to complete installation. Further, verify that the parts received are PROPER TO YOUR application (year range, motor, etc.) to avoid potential down-time in correcting potential discrepancies. Any discrepancies will be handled by Carli Suspension and the correcting products will be shipped UPS Ground.

LIFETIME PRODUCT WARRANTY

Carli Suspension provides a limited lifetime product warranty against defects in workmanship and materials from date of purchase to the original purchaser for all products produced by Carli Suspension. Parts not manufactured by, but made to Carli Suspension’s specifications by third party manufacturers will carry a warranty through their respective manufacturer. (i.e. King Shocks, Bilstein Shocks, Fox Shocks). Deaver Leaf Spring’s warranty will be processed by Carli Suspension.

Proof of purchase (from the original purchaser only) will be required to process any warranty claims. Carli Suspension products must be purchased for the listed Retail Price reflected by the price listed on the Carli Suspension Website at the time of purchase. Carli Suspension reserves the right to refuse warranty claims made by any customer refusing or unable to present proof of purchase, or presenting proof of purchase reflecting a price lower than Carli Suspension’s Retail Price at the time the item was purchased.

Carli Suspension’s Limited Lifetime Warranty excludes the following parts which are subject to wear: Track Bar Bushings, Track Bar Heim Joints, Limit Straps, Control Arm Bushings, Radius Arm Bushings, Shock Bushings, Sway Bar End Link Heim Joints, Shock Seals, Shock Bearings, and Corrosion on Shock Shafts or Bodies. These items will be warranted for a period of 60 days from the date of purchase only if determined to be installed properly signifying manufacturing defect. Carli Suspension cannot warrant a product’s cosmetic finish due to the varying extreme elements that may be encountered.

Any alterations, modifications, or improper installation, of the product will void this warranty. Products should be inspected for defect upon receipt and approved before installation. Any defect in NEW product will be warranted if returned before installation in its original packaging. Carli Suspension’s obligation under this warranty is limited to the repair or replacement of the defective product only. All costs of removal, installation or reinstallation, freight charges, incidental or consequential damage are expressly excluded from this warranty.

Carli Suspension is not responsible for damages and/or warranty of other vehicle parts related or non-related to the installed Carli Suspension product. This warranty shall not apply to any product that has been subjected to accident, negligence, alteration, abuse or misuse as determined by Carli Suspension. Carli Suspension reserves the right to refuse warranty claims if produced parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension components may cause premature wear and/or product failure. Carli Suspension reserves the right to change/alter product without obligation to update any previously purchased products.



Notes:

- Work on one side at a time.
- DO NOT REMOVE BOTH RADIUS ARMS AT THE SAME TIME.
- We recommend installation by a professional.
- Read carefully before attempting installation.
- Properly block vehicle prior to installation.

Installation Instructions

1. Use a Breaker Bar to break the factory radius arm bolts loose while the truck is at ride height on the ground.
2. Raise truck slightly to unload the radius arm bushings.
NOTE: Tires should still be on the ground
3. Chock the front and rear of the driver's side tire to ensure it doesn't move during radius arm removal/installation.
4. Support the truck at the frame with appropriate jack-stands and remove the jack.
5. Remove the factory bolts and nuts of the Driver's side radius arm - noting which side the nut is on. This is very important for re-installation!
NOTE: loosening and rocking the lower eccentric bolt will help remove the rear pivot bolt. In extreme cases, you can remove the wheel chocks and have an assistant roll the tire forward and back to remove the hardware so long as proper jack stands are suspending the frame.
6. Once the hardware has been removed, remove the factory radius arm.
7. Install the Carli Radius arm over the axle bushings.
8. Secure the upper and lower front bushing hand tight ensuring the hardware is installed in the same orientation that it was removed.
9. Install the rear pivot Johnny Joint into the Carli Radius arm Drop Bracket and secure with the factory hardware. **Torque to 280ft. lbs.**
NOTE: The rear Johnny Joint of the Carli Arms allows them to be torqued anywhere throughout the travel stroke as the bushings do not "load" like the factory units.
10. Torque front radius arm bushing hardware to **200ft.lbs.**
11. Follow instructions in Limit Strap Box.