

**Carli Suspension**  
422 Jenks Circle,  
Corona, CA 92880



**Tech Support:**  
888-99-CARLI  
(888) 992-2754

## **CS-DRPRBDROP-14**

### **NOTE:**

---

We Recommend installation be performed by a trained professional. 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.

## What's Included

- (Qty. 1) Rear Track Bar Drop Bracket
- (Qty. 4) ½" Bolts
- (Qty. 8) ½" flat washers
- (Qty. 4) ½" C-loc nuts
- (Qty. 1) 9/16 x 4" bolt
- (Qty. 1) Crush Sleeve
- (Qty. 2) 9/16" washers
- (Qty. 1) 9/16" c-lock nut

## Special Notes

- This installation can be done on the ground or with the rear suspended; this will depend on the preference of the installer.
- **If installation is done on a lift or with the rear suspended, final torquing will need to be done after the truck has been lowered to ride height and the suspension is loaded to ensure no damage to the factory track bar's vulcanized bushings.**
- Removal of the rearmost section of your factory exhaust will be necessary if the installer does not have access to a right angle drill and SHORT ½" bit.

## Instructions

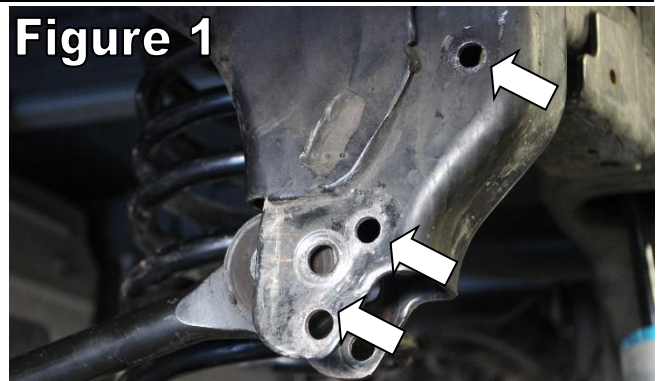
1. Remove factory frame side (upper) track bar bolt and pull the bar out from the upper mount.

**NOTE 1:** These instructions were completed on our prototype Truck. The holes referenced by the arrows in Figure 1 were drilled prior to the instructions being made. Instructions on where and how to drill these holes will be found later in the instructions.

**NOTE 2:** 2017 trucks will have a shorter track bar drop bracket; this bracket fits both the pictured and the shorter 2017 factory mounts.

2. Remove the Driver's side (axle) bolt and remove the track bar.
3. Place the provided crush sleeve in the upper factory (frame-side) bracket so it aligns with the factory bolt holes and slide the Carli track bar drop bracket around the factory mount.
4. Insert the provided 9/16" bolt (with a washer) into the factory hole, through the Carli bracket, factory bracket and crush sleeve and assemble the washer and lock-nut to the backside of the bracket. – Figure 2
5. Once the bracket is confirmed straight, use a torque wrench with a 13/16" socket and box-wrench to torque the 9/16" bolt to 140lb./ft. This will index the bracket to drill the ½" holes.

**NOTE:** in areas where corrosion is an issue, it's recommended to center punch all holes in the bracket, remove the bracket and drill to ½" diameter and paint to prevent corrosion; then install the bracket.



6. Drill the (Qty. 4) ½" holes in the factory mount as indexed by the Carli Bracket



**NOTE:** This Step is MUCH easier if the following are removed: rear coils (not necessary), rearmost exhaust section and rear bump stops. To remove your factory exhaust, pry the rearmost exhaust hanger out of the rubber support and loosen the 15mm factory bolt that clamps the exhaust. If you muscle it, you can break the junction free and remove it; we just spun it out of the way as pictured.



7. Install  $\frac{1}{2}$ " bolts into the drilled holes with a washer on each side and hand-tight on the nuts until all bolts are installed.



8. Using a  $\frac{3}{4}$ " Socket and Box Wrench, torque all  $\frac{1}{2}$ " bolts to 90 lb./ft. and double check the  $\frac{9}{16}$ " is torqued to 140 lb./ft. We used a long-reach magnet to assemble the washer and nut to the upper bolts. They are easily accessible with a wrench for torquing. The lower nuts are behind the crush sleeve; we used a prybar to apply pressure to these nuts and an impact to snug them; final torquing was done with a torque wrench.
9. Re-install the factory track bar into the axle side, hand tight.
10. Re-install the factory track bar into the Carli drop bracket with the factory hardware, hand tight. Hooking a heavy-duty tie-down to a hole in the passenger's side frame rail and the lower track bar bracket (on the axle) will assist in pulling the axle to align the bolt holes.
11. Re-install the factory bump stop and Carli Drop Bracket, followed by the exhaust.
12. Set the truck on the ground and torque both axle and frame side factory bolts to 155lb/ft.