

CS-DPAP-03-D, CS-DPAP-03-H, CS-DPAP-94 CS-DPAP6KIT, CS-DPAP-19-4.5

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.



What's Included In the Kit

- 2 Qty 5 Leaf Progressive Add-A-Pack
- 4 Qty Center Pins
- 4 Qty 1/2" Nuts
- 4 Qty Zinc-Plated U - Bolts
- 8 Qty U Bolt Washers
- 8 Qty U Bolt Nuts
- **6" Systems: CS-DPAP6KIT will also include a 2" Billet Block.**

Installation Instructions

1. Raise the Rear of the truck. If working without a shop hoist, support truck from the frame rail with suitable safety stands.
2. Remove rear wheels.
3. Use a floor jack to raise the rear axle just enough to take tension from the shocks and remove the bottom bolt (remove shocks completely if installing new shocks).
4. Wrap a ratchet strap around the pinion to prevent the axle from rolling while working on the leaf springs.
5. Remove rear U-bolts attaching rear axle to leaf springs.
6. Carefully lower rear axle to separate springs from spring perch.

NOTE: DO NOT ALLOW AXLE TO HANG FROM ANY HOSES OR CABLES



7. Secure spring assembly together with 2 C-clamps on outer edges of lower leaf. Do not include the thick, overload leaf on the very bottom.

NOTE: Trucks equipped with an Upper Overload can retain this overload if desired. It will be necessary to permanently remove the 3/8" x 3" long bolts on the spring retainers (square U-clamps) that come attached to the Add-A-Packs. This will allow the Upper Overload to perform as designed. The U-bolts AND Center Pins are not guaranteed to be long enough; the installer should verify the U-bolts AND Center Pins will be long enough before disassembly of the rear.

Maintaining the Upper Overload WILL adversely affect ride quality.

8. Remove the leaf spring center pin(s) and lower Overload Leaf. This is the 1" thick leaf that doesn't follow the contour of the other thinner leaves. Use a hammer to dislodge the center pins/overload.
9. Discard the overload and old Center Pins, set the 3 spacers and upper slider



10. Remove the Bolt, sleeve and nut from the spring retainer clamps and temporary center pins from the add-a-packs.

11. Using the provided center pins, assemble the three factory spacers (the one with the index button on the bottom) to the bottom of the add-a-pack, then place the removed overload slider over the two center pints on top of the add-a-pack (it will sit between the upper add-a-pack leaf and lowest factory leaf spring).



12. Install add-a-pack to the bottom of the leaf spring pack ensuring the center-pin holes are properly aligned. Use a C-Clamp to cinch the pack together and thread the nuts on hand tight.

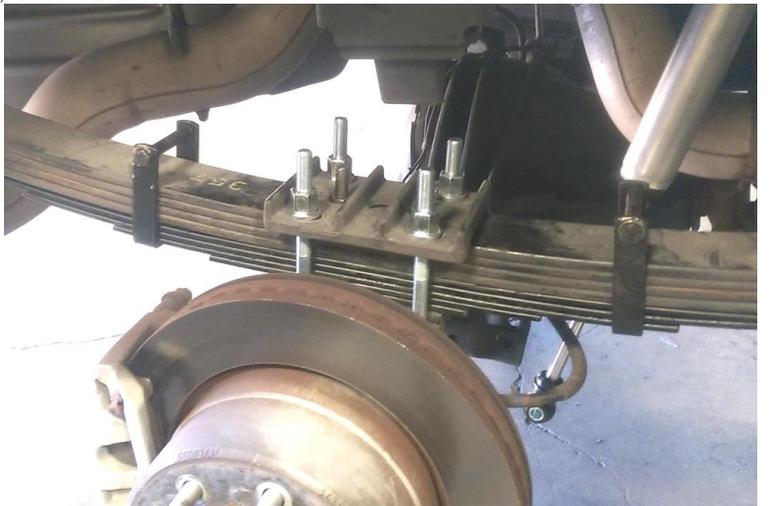


14. Tighten the nuts until the pack is cinched together fully, then remove C-Clamps.

15. Reinstall the bolts, sleeves and nuts in the spring retainers.

NOTE: If retaining a factory UPPER Overload (helper spring), these will not be reinstalled.

16. Raise the axle to meet the index on the bottom of the last spacer and install U-Bolts hand tight using the factory U-Bolt plate.



NOTE:

2019+ 3500: CS-DPAP-19-4.25: install the 1" Billet block between the spring perch and bottom of the add-a-pack!

2003-12: 6" Systems CS-DPAP6KIT: install the 2" Billet block between the spring perch and bottom of the add-a-pack!

17.

18. Put jack stands under the rear axle and lower the truck to load the springs.

19. With the weight of the truck on the springs, torque U-Bolts in cross pattern to 110lb/ft.

20. Continue to the next step in the kit instructions.

If installing just the add-a-packs:

21. Install rear wheels, torque to OEM specs and lower the truck to the ground.

22. You may now install rear shocks.