



CS-FLRC-05: 2.5" Ford Linear-Rate Coil Springs
CS-FMRC-05: 4.5" Ford Multi-Rate Coil Springs

Carli Suspension, Inc.
422 Jenks Circle
Corona, CA 92880
888-992-2754

Fitment
2005-2016 F250/F350 4x4
2017+ F250/350 4x4

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.

Parts Checklist

(Qty. 2) - 2.5" Linear Rate Carli Coil Springs **OR** **(Qty. 2) - 4.5" Multi-Rate Carli Coil Springs**

COIL SPRING NOTES

1. 4.5" Coil Springs are side specific. Driver will be Marked "D" and Passenger "P".
2. A Carli Radius Arm Drop Bracket, Adjustable Track Bar and Extended Brake Lines Should be installed prior to installing 4.5" lift springs.
3. The following instructions are written as the first step in a series of a complete "Kit" instruction. For this reason, they may not be complete for only a coil spring installation. Feel free to call in with any specific questions and ONLY attempt installation after reading the instructions thoroughly to ensure you're comfortable installing each product.



Disassembly Instructions

1. Using a lift or Floor Jack & Jack Stands, lift and support the front end of the vehicle by the frame until the front tires are off the ground.
2. Using a 13/16" socket, remove the lug nuts front wheels and tires.
3. Using an 18mm socket, remove the upper sway bar end link nut that retains the sway bar (Figure 1, C). Pull the sway bar up to separate it from the link. Using a 10mm Socket, remove the bolt that secures the brake line to the lower coil bucket. (Figure 1 & 2, A)
4. Carefully separate the push lock vacuum fitting that runs through the brake line bracket. (Figure 1 & 2, B)
5. Using an 18mm socket, remove the lower shock bolt.
6. Using a 21mm socket, remove the upper shock nut.
7. Remove the front shocks from the truck.
8. Carefully droop the front axle (or raise the frame if on a lift) to extend the front axle and remove the factory coil springs ensuring the axle isn't hung up on anything.
9. Set the factory isolators from the top of the coil aside as they'll be re-used.
10. **2017 ONLY:** follow instructions in "CS-FBDF17-2.5—Front Bump Stop Drop" Box.
11. **2005-2016 Commuter 2.0" ONLY:** follow instructions in "CS-FBDF05-2.5—Front Bump Stop Drop" Box.

Figure 1

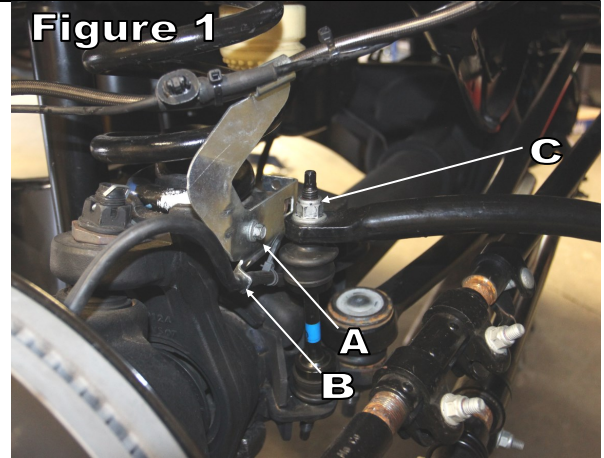
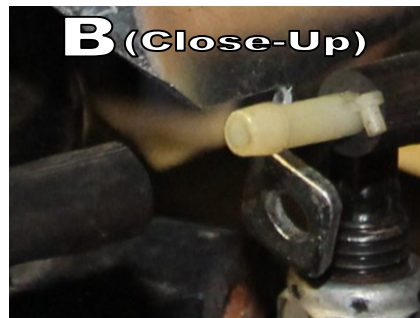
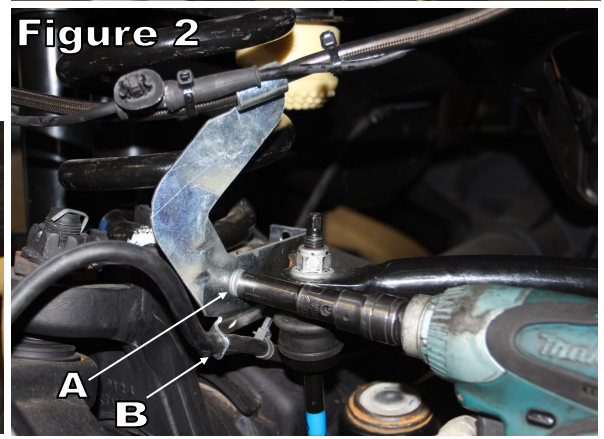


Figure 2



Installation Instructions

1. Place the factory spring isolator on top of the Carli Coil Spring ensuring the end of the top of the spring seats against the index. If installing remote reservoir shocks, place the Carli reservoir mount on top of the spring isolator with the mount facing outward. (Figure 3 & 4)
2. Place the bottom of the spring against the lower index and slide the assembly into place around the upper spring cone in the factory bucket. This may take a bit of coercing. With some body weight, it will pop into place. Ensure the spring is indexed so the lower end of the spring is seated against the index on the lower spring seat, then ensure the reservoir mount (if applicable) is facing outward and the upper isolator's index is still tight to the end of the spring.
3. Carefully lower the weight of the truck onto the spring to solidify it's position.
4. The brake lines will be replaced and sway bar removed (to be installed onto a drop bracket) later in the suspension system instructions, no need to reinstall these if installing a full Carli Lift. Proceed to the next step in the instructions
5. If you're only installing springs, reinstall the brake bracket bolt, vacuum lines and sway bar onto the links, then install your shocks, wheels and tires.

Figure 3



Figure 4

