



CS-JATB-07-R-RISER - Track Bar Riser, Rear

Fitment
2007-17 Wrangler JKU, 4x4

Carli Suspension, Inc.
596 Crane St.
Lake Elsinore, CA 92530
888-992-2754

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

CS-JATB-07-R-RISER

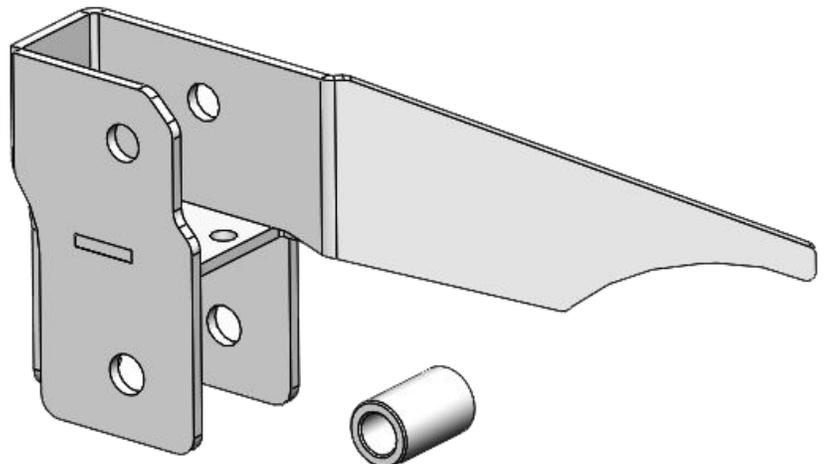
- (Qty. 1) PC-JATB-07-R-RISER - Jeep Track Bar Riser, Rear
- (Qty. 1) MP-JATB-07-R-RISERCRUSH - Jeep JK Rear Track Bar Riser Crush Sleeve

HARDWARE

- (QTY 1) 14MM x 80MM BOLT
- (QTY 2) 14MM WASHER
- (QTY 1) 14MM NYLOCK NUT
- (QTY 1) 1/2" x 1.5" BOLT
- (QTY 2) 1/2" WASHERS
- (QTY 1) 1/2" TOP LOCK
- (QTY 2) 3/8" x 1" BOLT
- (QTY 4) 3/8" WASHERS
- (QTY 2) 3/8" TOP LOCK NUTS
- (QTY 1) PUSH-IN ZIP TIE TREE

CHARCOAL CANISTER RELOCATION HARDWARE

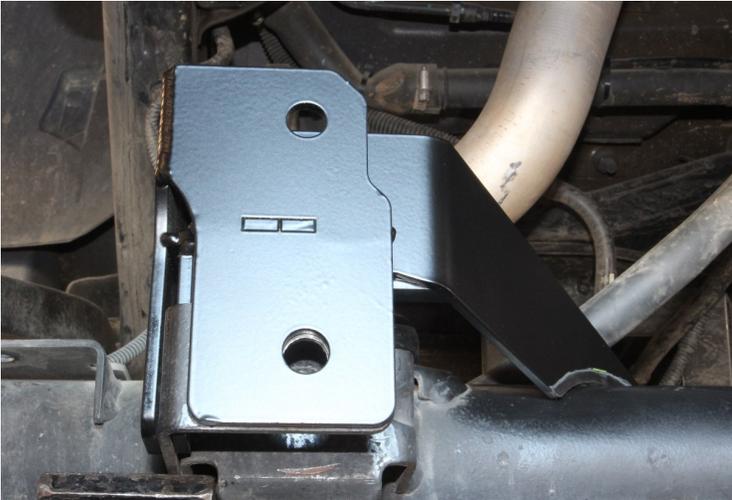
- (2) 1/2"-13 x 2.5" Bolts
- (4) 1/2" SAE Washers
- (2) 1/2"-13 Top Lock Nuts



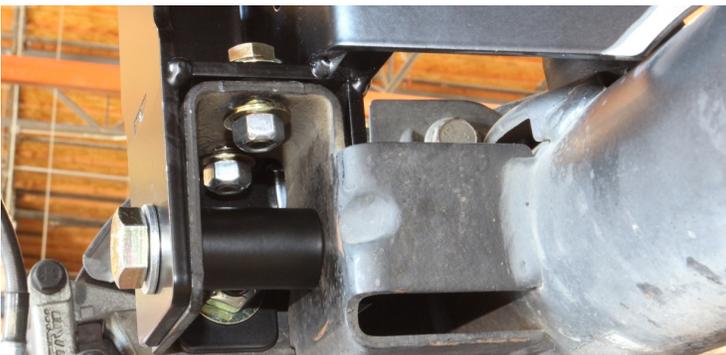


CS-JATB-07-R-RISER - Track Bar Riser, Rear

1. Suspend the vehicle by the frame ensuring enough lift to fully droop the suspension.
2. Remove the rear wheels and tires using a 3/4" Deep Socket
3. Support the rear axle with jacks or jack-stands
4. 18mm - Remove the lower shock bolts
5. 16mm - Remove the upper shock bolts.
6. Remove the rear shocks, keep the hardware as it'll be reused to install the new shocks.
7. 18mm - Remove the rear sway bar end links
8. Remove press-fittings holding ABS to the control arm brackets
9. 21mm - Remove factory track bar
10. Lower the axle and remove the factory coil spring. Ensure you're not hanging from any vent, ABS or Brake lines.
11. With the rear end disassembled, Slide the track bar riser over the factory track bar axle bracket. The bracket mounts double shear to the factory mount, sandwiching it.



12. Mark the area where the support contacts the axle tube on both sides.
13. Use the Carli Bracket as a template to drill the 1/2" hole in the side of the factory bracket and (qty. 2) 3/8" holes in the top of the bracket.
14. Remove the bracket and debur the drilled holes.
15. Clean the marked section of axle and edge of the carli track bar bracket to prep them to be welded
16. Reinstall the bracket to the factory mount and insert the 3/8"x 1" bolts, washers and crimp-lock nuts into the top of the bracket, threads down.
17. Insert the 1/2" x 1.5" bolt, washers and crimp-lock nut into the side hole, threads facing inward.
18. Lastly, assemble the 14MM x 80MM bolt, washer, crush sleeve inside the bracket, then washer and Nyloc through the factory mounting hole.



19. Torque the 3/8" hardware to 30lb.ft.
20. Torque the 1/2" hardware to 80lb.ft.
21. Torque the 14mm hardware to 100lb.ft.
22. Using a c-clamp, clamp the bracket to the axle tube to close the gap and weld the support.



23. Primer and paint the welded section to prevent it from rusting.



24. Move onto the Track Bar Instructions.

With the added articulation and correction of the rear track bar geometry with the axle riser bracket, the factory charcoal canister will need to be shifted closer to the frame on the driver's side of the rear driveshaft to ensure proper clearance. There are 2 Factory bolts securing it in the front, 1 in the rear. Remove the 2 front and 1 rear bolt and shift the canister over so the front, inner hole of the bracket aligns with the factory outer hole (again, this should shift the canister AWAY from the driveshaft). Secure this position using the factory bolt.

In the rear of the canister, you'll see that the bracket mounting hole aligns with a hole in the factory crossmember next to the original mounting location. This hole in the crossmember is NOT threaded. Use the provided 1/2"-13 x 2.5" Bolt to through-bolt the rear. We provide a washer for each side and crimp lock nut—these go on top of the crossmember.



Up Front, drill the 2nd 1/2" hole all the way through the crossmember and use the 2nd 1/2" bolt to secure the 2nd mounting location.

