



PN: CS-BRCA-21

596 Crane Street | Lake Elsinore | CA | 92530
(888) 992-2754 | Info@CarliSuspension.com

PAGE: 1

INSTALLATION NOTES

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.

We recommend all fasteners that do not utilize a locking nut (Crimp-Lock or Nyloc), or reuse a lock nut (as these are technically one-time use), use a medium-strength thread-locker to ensure a good, mechanical connection. We use Loctite 243 in-shop. Further, all torqued bolts should be torque-striped/paint-marked for future inspections confirming hardware has not loosened.

Recheck all torque after the first 500 miles.

LIFETIME 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.

For full Warranty details, see: <https://www.carlisuspension.com/warranty/>

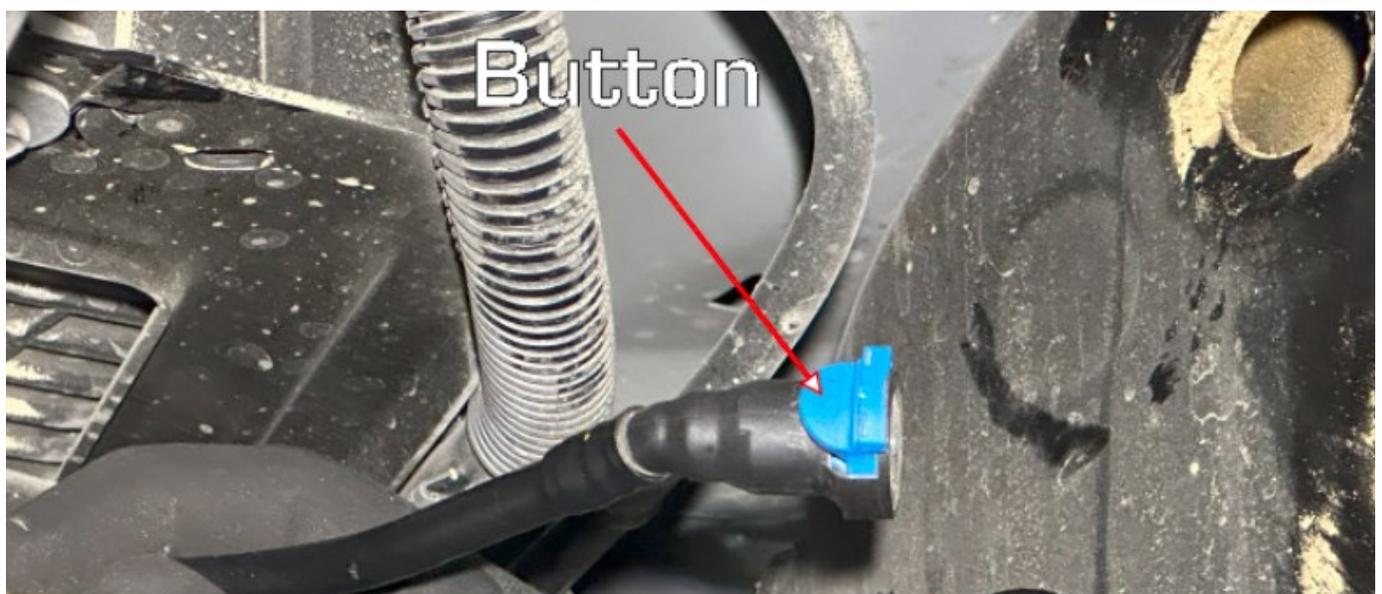
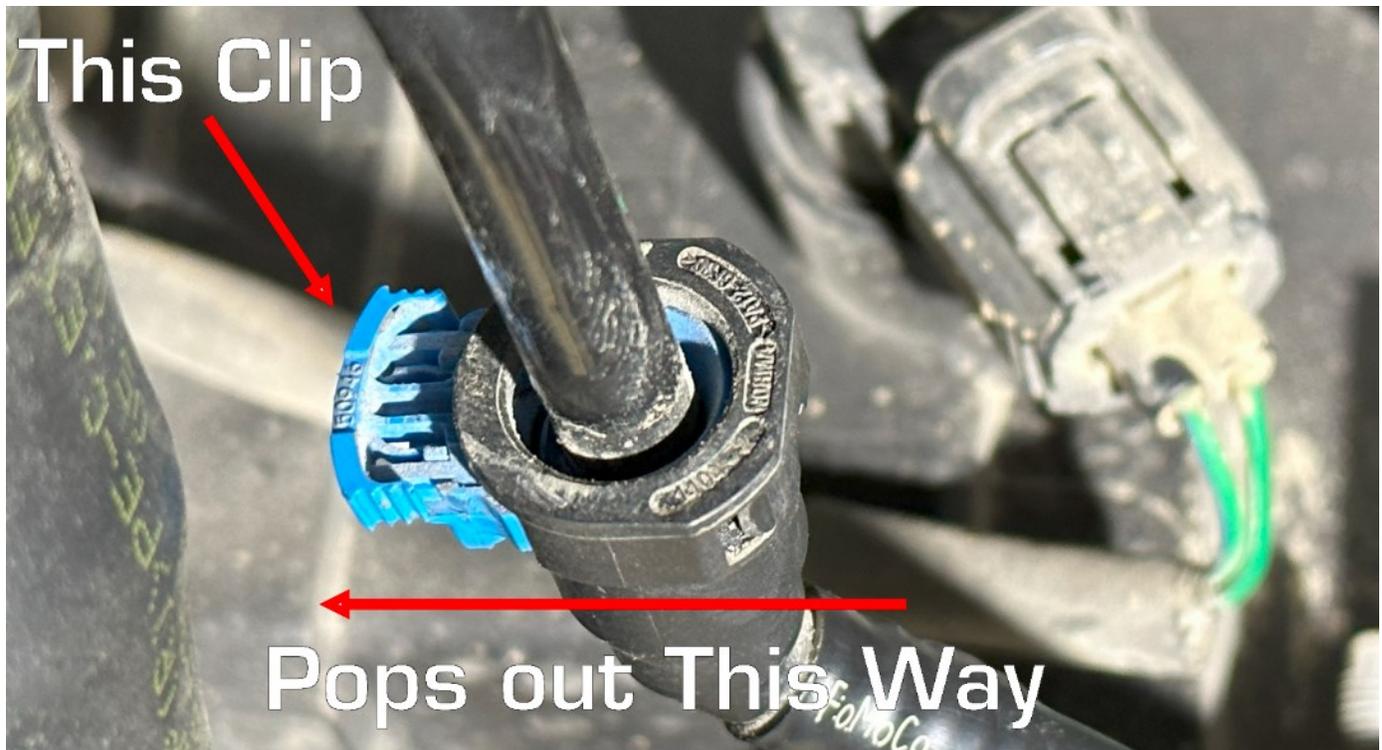
PARTS CHECKLIST

Before beginning disassembly of the vehicle, check to ensure you've received all parts necessary to complete installation to avoid potential down-time in correcting discrepancies. Any discrepancies will be handled by Carli Suspension and the correcting products will be shipped UPS Ground.

- (QTY 1) - Bronco Rear Control Arm, Assembled, Driver Upper
- (QTY 1) - Bronco Rear Control Arm, Assembled, Passenger Upper
- (QTY 1) - Bronco Rear Control Arm, Assembled, Driver Lower
- (QTY 1) - Bronco Rear Control Arm, Assembled, Passenger Lower

1. Jack the Bronco up in the air and support the frame rails with suitable jack stands. The Bronco will need to be high enough to remove the fuel tank as it blocks access to the Passenger Side Control Arm Bolts.
2. **18MM Socket** — There are a couple styles of fuel tank brackets. In either case, you'll need to support the tank and remove the securing hardware. If you have standard fuel tank straps, you'll remove the 4 bolts securing the straps (2 per strap). If you're equipped with the factory skid, you'll remove the 8 bolts securing the skid-plate to the frame that secures the fuel tank.
3. With the tank loose from the Bronco, but supported by a jack, disconnect the fuel tank. There is one fuel connection and the filler neck at the rear of the tank, 2 fuel lines at the front of the tank, 2 fuel lines in the middle and an electrical connection in the middle of the tank.

The fuel line connectors will need to be pinched, then pushed away from the connection to dislodge the clips. You'll then press the button behind the dislodged clip to slide the fitting off the tank line.



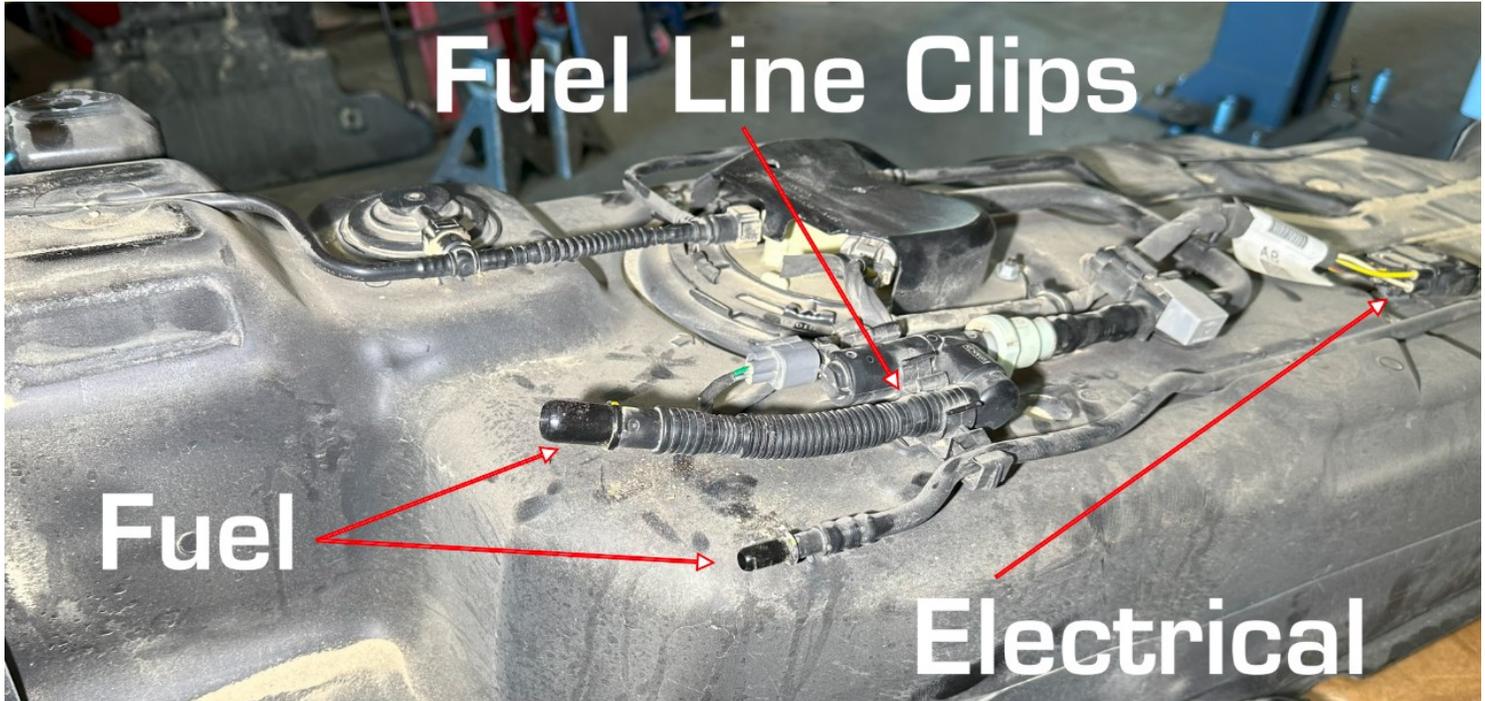
4. Disconnect the Rear fuel line and use a flat-head screwdriver to remove the hose-clamp securing the filler neck connection. You won't be able to dislodge the filler neck until you drop the tank so just remove the clamp for now.



5. Disconnect the two fuel line connections at the front of the tank.



6. Begin lowering the tank while peeking over the top — you'll see the two fuel connections and single electrical connections next to the pickup. Dislodge the fuel lines from the clips that hold them to the top of the tank; this will provide you more room to lower the tank further to access and dislodge the connections. Disconnect the two fuel lines and single electrical connection.



7. The tank can now be removed from the vehicle.
8. Cover all open fuel connections on the tank and lines while you work on the arms and set the tank aside for reinstallation later.
9. **T30 Torx** — Remove the bolt cover from the axle end.



10. **T25 Torx** — Remove the bolt cover from the frame mount.



11. **24MM** — NOTE ALL BOLT ORIENTATIONS (the factory hardware will be used install the Carli Arms), support the axle with jack stands and remove both upper and lower factory control arms on the Passenger side. ONLY work on one side at a time — this, with the track bar, will ensure the axle stays put while you're swapping the arms.

12. With the arms removed, trim the "tang" on the lower axle side bolt to 1" to ensure it doesn't contact the Carli Arms when reinstalled.



13. Install the Carli Arms loosely with the factory hardware on the passenger side.

The Arms are side-specific; the decals denote the outside of the arm.

14. With the Carli arms installed on the passenger side, you can remove the driver side arms. To remove the upper bolt, use a prybar on the bolt or exhaust to create sufficient room to remove the bolt — you do not need to remove the exhaust. *see picture on next page*



15. Also on driver side — With the arms removed, trim the “tang” on the lower, axle side bolt to 1” to ensure it doesn’t contact the Carli Arms when reinstalled.
16. Install Carli Arms with factory hardware.
17. Use a Manual grease gun to pump grease into the arm joints until firm — DO NOT use a pneumatic grease gun or force grease into the joint once the handle firms; this could deform the joint washers.
18. **24MM** — As the Carli Arms are built with 17-4 Stainless Spherical Joints, The Hardware can be torqued at any position; there’s no need to torque at ride height. Torque all factory Hardware to 230lb.ft.
19. **18MM** — Reinstall the fuel tank by reversing the disassembly instructions provided. Toque all fasteners for fuel tank straps to 60lb.ft.

