



T5351 Installation Instructions
2024-2026 Toyota Tacoma, LC250, GX550
2026 4Runner - 4wd
Adventure Series Upper Control Arm Kit

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

» TECHNICAL SUPPORT

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech-zone@ridefox.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.

Difficulty Level

Easy 1 2 **3** 4 5

Estimated installation: 2-4 hours

Tire/Wheel Fitment

NA

***Important* Verify you have all of the kit components before beginning installation.**

Kit Contents

Qty	Part	Qty	Part
1	Zone Cast UCA - Left Assembly	1	390 Bolt Pack
1	Zone cast UCA - Right Assembly		4 - 1/4"-20 x 3/8" Bolt
1	B1681 Bag Kit		4 - 1/4" Lock Washer
	2 - Ball Joint Cap - Zone		4 - Wire Clamp
	2 - O Ring	1	1068 Bolt Pack
	1 - Multi Purpose Grease, Packet, 1cc		2 - 1/2" USS Washer
			2 - 14mm-2.00 Nylon Locknut

IMPORTANT

It is required that ride height measurements be taken before and after installation. Measure from the **WHEEL AXLE CENTER** up to the **FENDER LIP** of the wheel opening. Do this for all 4 wheels. Record measurements below.**

BEFORE:

LF _____ RF _____ LR _____ RR _____

AFTER:

LF _____ RF _____ LR _____ RR _____



****These ride heights will be required if you have any ride height concerns after installation. Please be prepared to provide these to Technical Support.**

PRE-INSTALLATION NOTES

1. Perform the steps on one side of the vehicle at a time.

INSTALLATION INSTRUCTIONS

» DISASSEMBLY

2. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
3. Raise the front of the vehicle and support with jack stands under the frame rails, behind the suspension.
4. Remove the front wheels.
5. Remove the splash guards using snap ring pliers. **Fig. 1**



Figure 1

6. Disconnect the ABS wire bracket bolts from the UCA. **Fig. 2**



Figure 2

7. Remove the ABS line from the UCA bracket by bending up the loop holding the brake line. Discard bracket. **Figure 3**

Special Tools

• SST : 09628-62011 Ball joint separation tool or equivalent



Figure 3

8. Using a trim tool and screw driver remove all the inner fenders various attachment hardware. Fig. 4A, 4B



Figure 4A

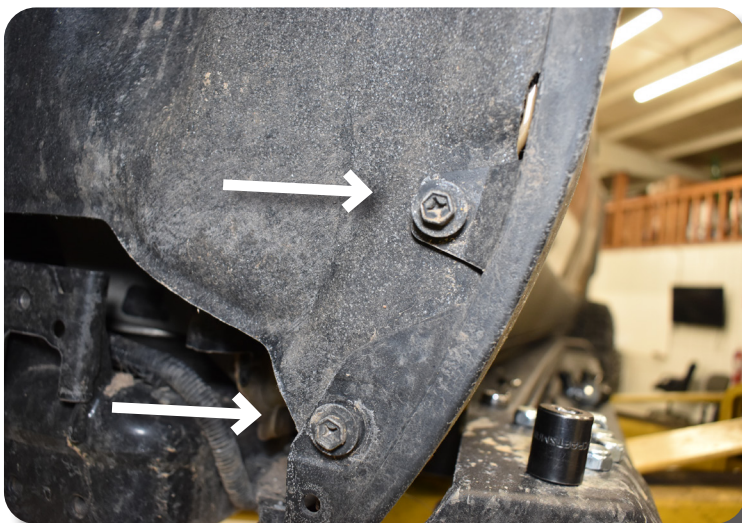


Figure 4B

9. At the front is a hidden fastener that will need to be removed by pulling out the fender flare to gain accessing. Fig. 5



Figure 5

10. Remove inner fender. Fig. 6



Figure 6

11. Disconnect the intercooler line to allow space to remove the UCA bolt.
Fig. 7A, 7B

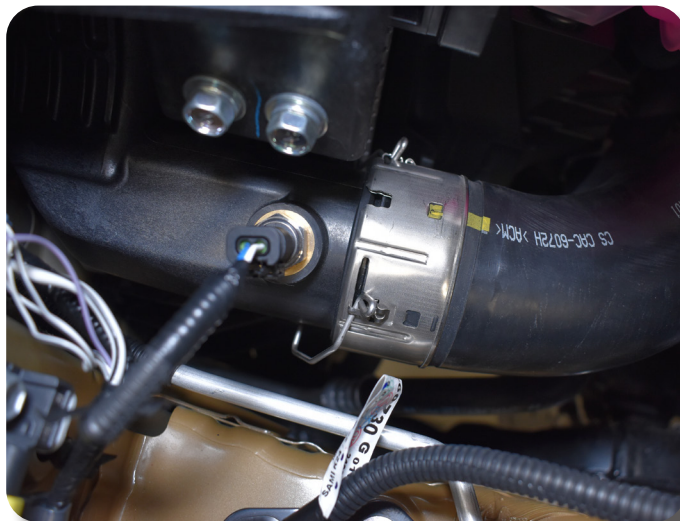


Figure 7A



Figure 7B

12. Remove UCA castle nut retaining pin by rotating down and pulling out. Fig. 8

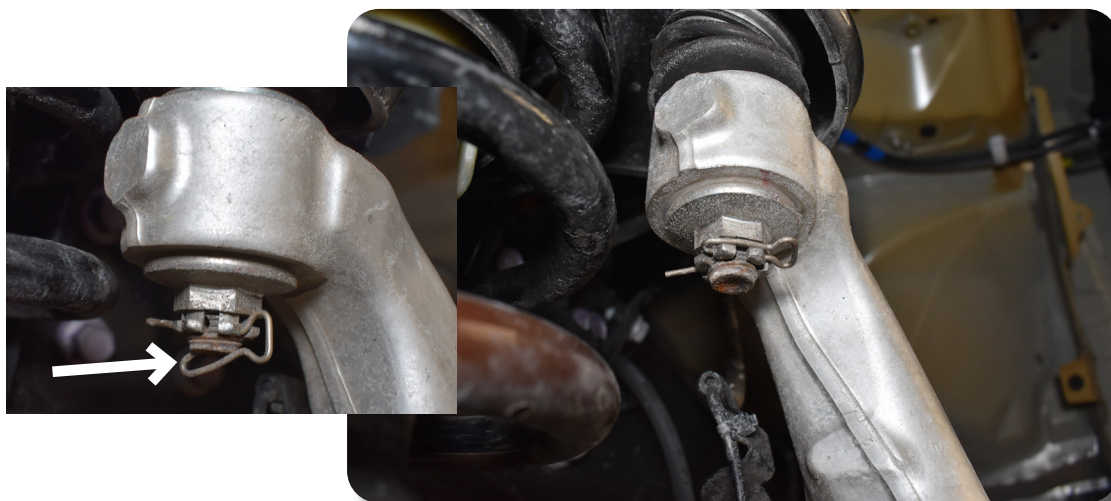


Figure 8

13. Loose castle nut using a 19mm socket. Thread to the end of the threads. Fig. 9



Figure 9

14. Use the recommended tool SST: 09628-62011 to dislodge the UCA from the knuckle. Fig. 10

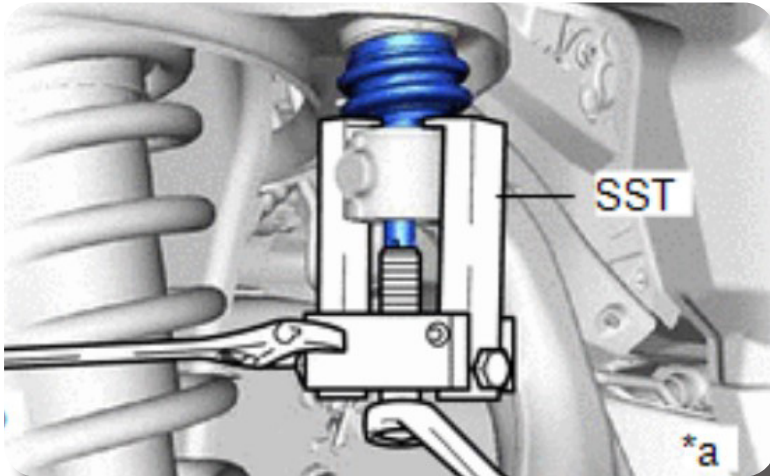


Figure 10

15. Loosen front cab/core support mount bolt but do not remove. Fig. 11

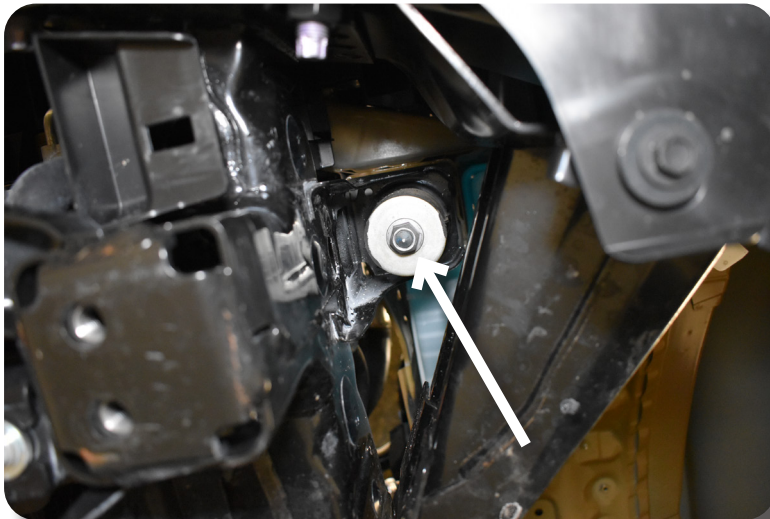


Figure 11

16. Loosen the UCA Nut using a 22mm wrench. Fig. 12

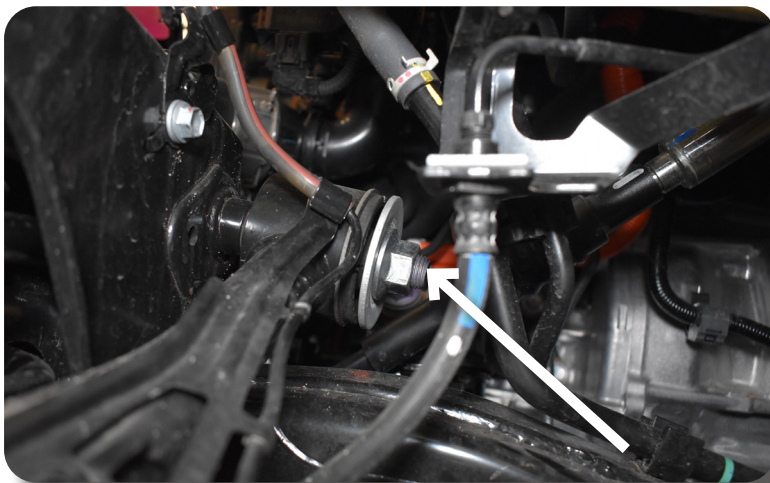


Figure 12

17. Remove UCA bolt and washer. Fig. 13

Using a pry bar, pry on the inside body to help clear bolt head during removal

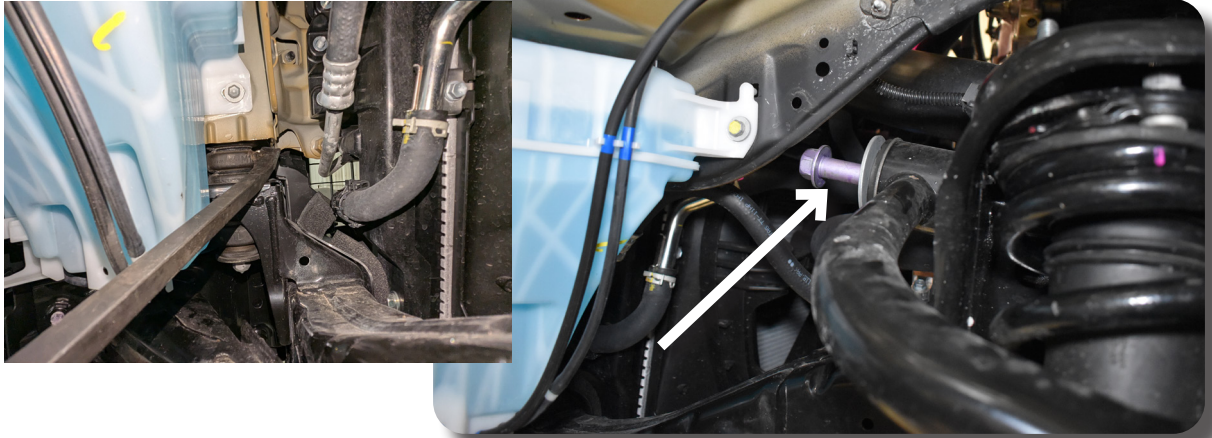


Figure 13

18. Remove UCA. Fig. 14

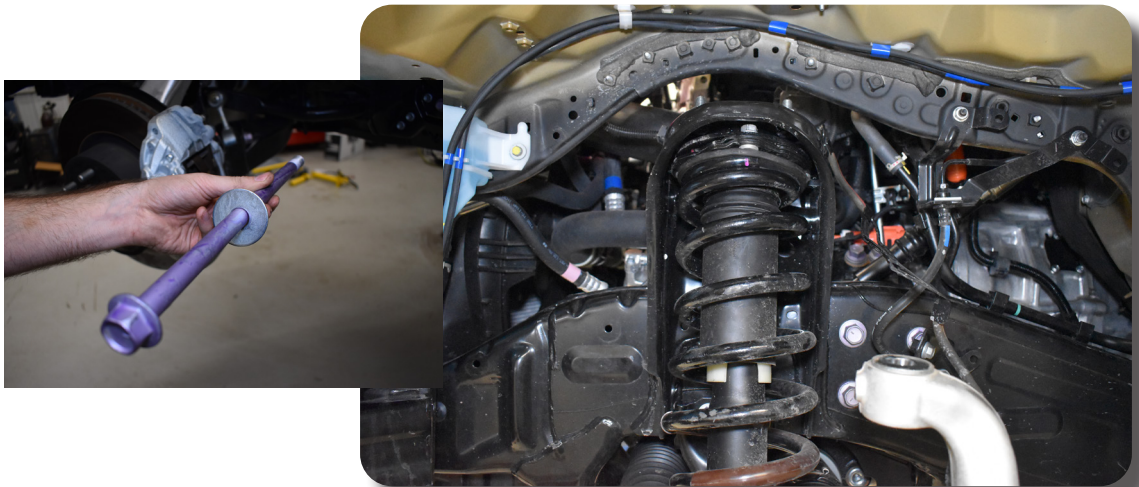


Figure 14

If coilovers have been purchased, install them at this time according the manufacturers instructions.

19. Install new control arm with factory hardware and new washers. Snug, but do not torque bolt. Figure 15A, 15B

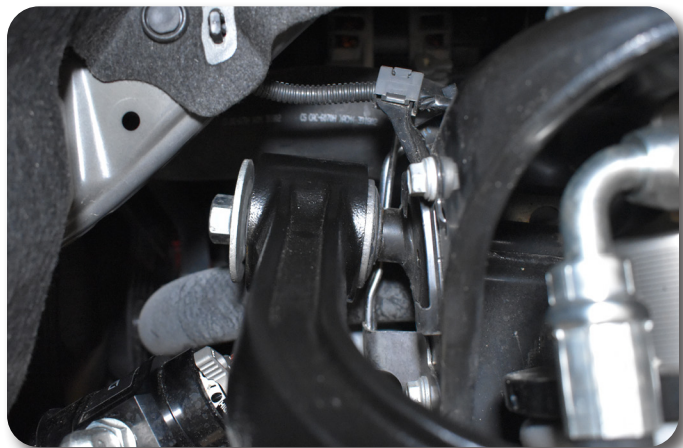


Figure 15A

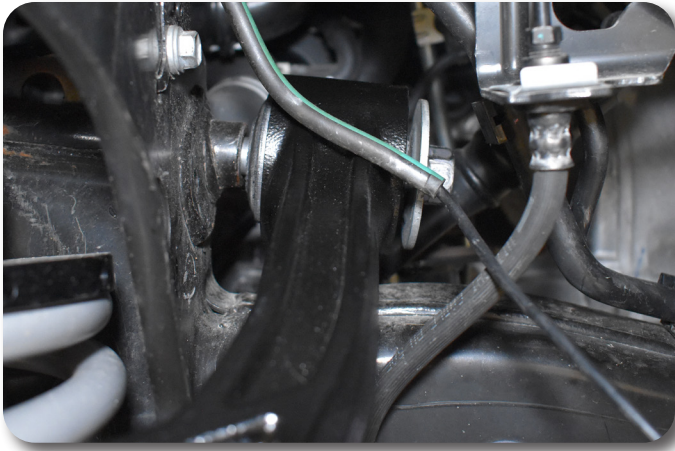


Figure 15B

20. Attach to the steering knuckle at this time with new hardware. Tighten ball joint hardware to 81 ft-lbs. Install cotter pin, do not loosen the nut to install the cotter pin. Figure 16

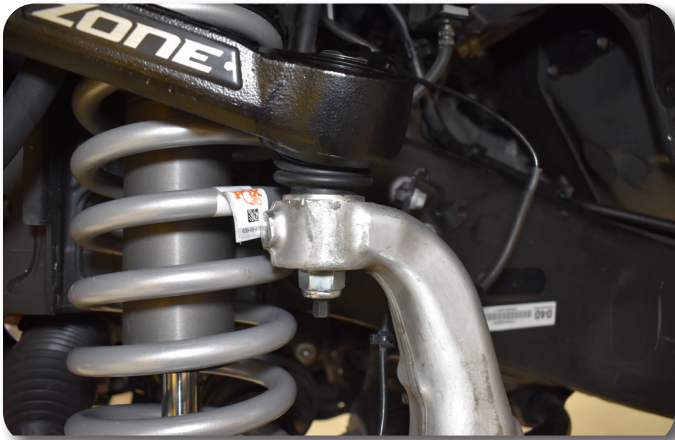


Figure 16

21. Using the provided loop clamp, bolt and washer, attach the ABS line to the UCA. Figure 17

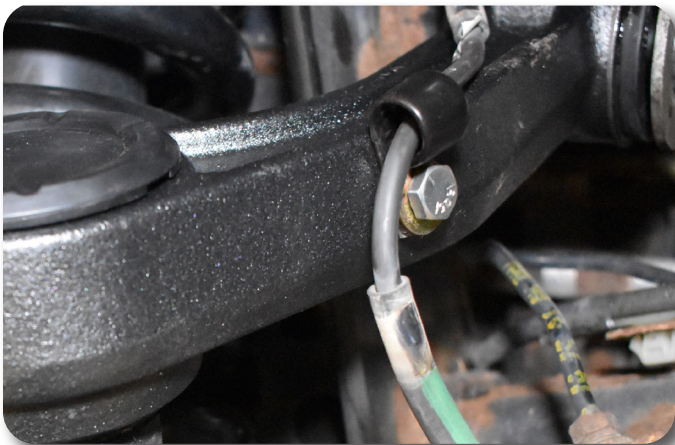


Figure 17

22. Re-attach the remaining brake line/ABS brackets to the frame and knuckle.
23. Repeat procedure on the other side of the vehicle.

24. With both sides assembled, install the wheels and lower the vehicle to the ground. Torque lug nuts to 80 ft-lbs.
25. Bounce the front of the vehicle to settle the suspension. Torque the lower control arm cam bolts to 100 ft-lbs. Torque the lower strut bolts to 100 ft-lbs.
26. GREASE BALL JOINT at this time! Install the O-ring on cap with grease from the included grease packet to aid installation. Install cap. Cap must be removed to access grease fitting for future maintenance. **Figure 18**

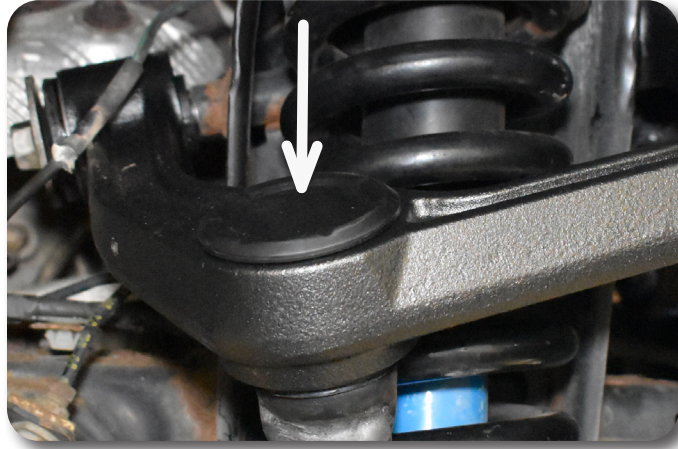


Figure 18

27. Reinstall wheels. Tighten to factory specification.
28. Lower vehicle to the ground.
29. When vehicle is settled at ride height, torque the upper control arm bushing hardware to 85 ft-lbs.
30. Arms give increased caster, a front end alignment is now required. Arms are not recommended for 0" of lift applications.
31. Recheck hardware after 500 miles of driving, grease ball joint by removing cap at 3,000 mile increments.