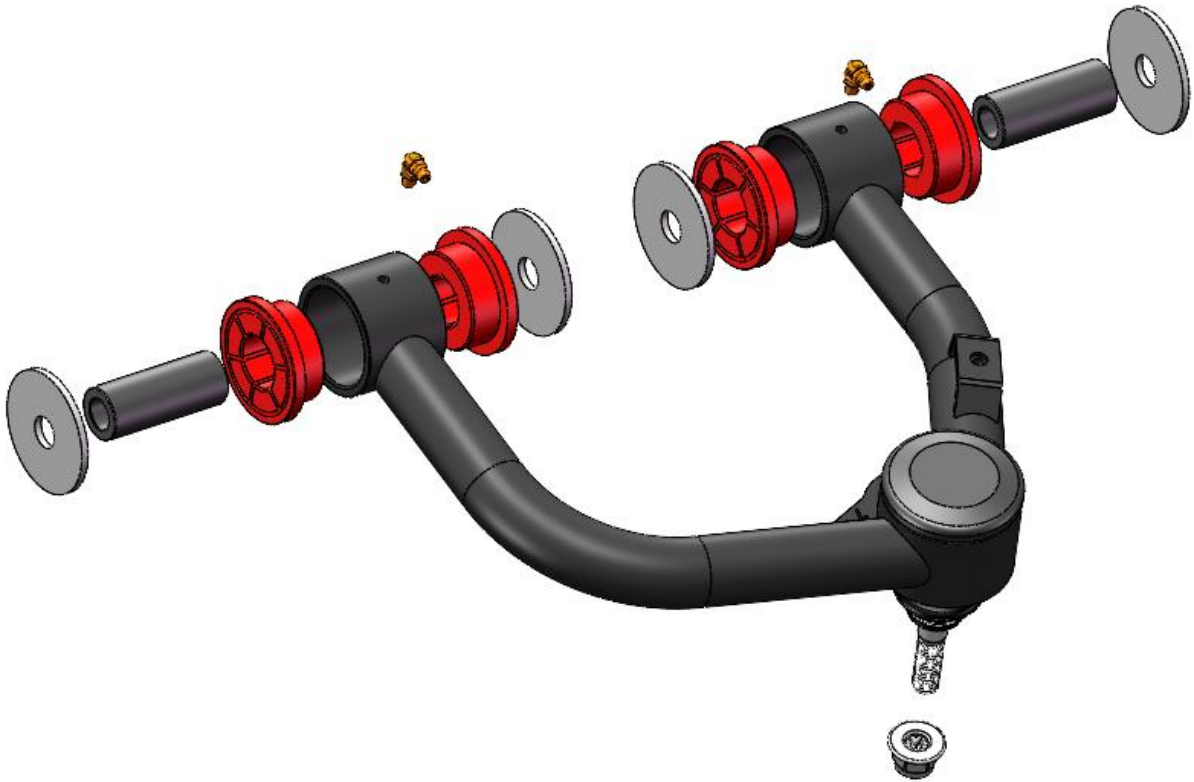


Upper Control Arms Installation Instructions

Fit For : TOYOTA TRUCK & SUV

3C271059 & 3C271065



PU Bushing Install

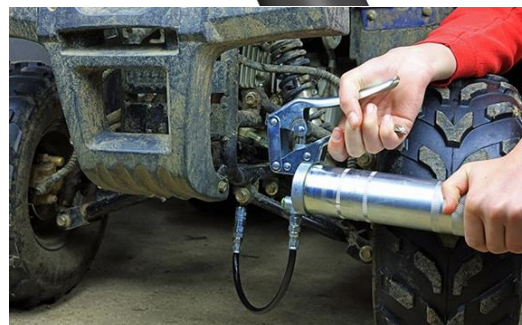
1. Apply **Silicone-based Lubricant** at the installation site and press the PU bushing in.



2. Apply **Silicone Based Lubricant** to the tube and press it into the inner hole of the PU bushing.



3. Pay attention to the position of the zerk fitting. After installing the kit, screw on the zerk fitting and use a Lever-Action Manual Grease Gun to lubricate it.



Upper Control Arm install

1. Park the vehicle on a flat, level surface. Ensure the car is in park or gear and the parking brake is set. Raise the front of the vehicle and support the frame with jackstands.

2. Remove front wheels.



3. Using a 10mm socket/wrench, remove ABS wiring from the upper control arm and the steering knuckle.



4. Remove the cotter pin securing the upper ball joint nut. Using a 19mm socket/wrench, loosen the nut to the end of the shank, but do not remove it entirely so that the nut protects the threads.

5. Using a hammer or suitable ball joint removal tool, carefully break loose the taper in the upper ball joint and the knuckle.



6. Remove the ball joint nut and allow the steering knuckle to rest out of the way.

7. Using a 19mm socket/wrench, remove the large upper control arm pivot bolt. This hardware will be reused; note the direction and order of components. Remove the nut and washer from the rear side of the long pivot bolt. Carefully feed the bolt forward until it clears the front of the A-arm. Remove the stock upper control arm.



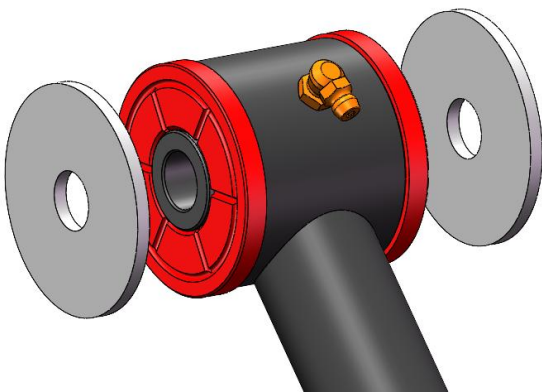
NOTE: To remove the Driver-side bolt, bend the pinch welded lip of the inner fender just enough to remove the upper control arm bolt completely.





NOTE: To remove the Passenger Side bolt, gently push the A/C hard line out.

8. Remove the original upper control arm and replace it with a new arm.



NOTE: Make sure that a washer is placed on each side of the bushings. Then, carefully feed the pivot bolt through the arm's pivots and through the pivot tube in the chassis, loosely securing the nut and washer.



9. Secure the ball joint to the steering knuckle with the nut provided and tighten.

10. Refit ABS wiring. Attach the OE ABS brake wire bracket to the new upper control arm with M6x1x12 hex bolts.

11. Torque upper control arm nut to 95 ft lbs. Torque ball joint nut to 90 ft-lbs

12. Refit Wheels and lower Vehicle.

13. Once installation is complete, a wheel alignment will be required.



Suggestions:

- Re-check all bolt torques after the first 100 miles and after every trip offroad.
- Grease the control arm bushings periodically, especially after wet or dusty trips.
- When regreasing the upper control arm bushings, the upper control arm bolt must first be loosened. After regreasing and purging the old grease, the upper control arm bolt can be retorqued.

IMPORTANT NOTE:

1: Contact us for a video if you can't assemble these parts. (an easy work)

2: Important Tips on zerk: Refrain from overtightening the zerk, or it may break.

Zerk can fill in grease after some use. (It is pre-greased when you get it).

3: When adding grease to the ball joint, pay attention to the condition of the dust cover. Overgreasing can cause the dust cover to burst.



4: If you hear the bushing squeak, you need to add grease. When adding grease to the bushing, be aware that excessive pressure can cause irreversible deformation of the polyurethane bushing. The picture shows the deformed and failed polyurethane bushing.



Tips: What Grease Should I Use For Polyurethane Bushings?

It is recommended to use a **Silicone Based Lubricant**. A common additive to Silicone Based Lubricant base is PTFE (Polytetrafluoroethylene) since it lowers friction and is completely waterproof, both things you want in a lubricant.

If you can't find Silicone Based Lubricant, Marine Grease and Heavy Duty Grease also can be used.



Not So Suitable Lubricants: Motor Oil, Spray Lubricant



5: Warranty of the ball joints and bushings: We support one chance to exchange parts for free within 1 year if the control arms go wrong.

Thank you for the purchases!

It is our honor to help you. So please write us about what you think and what you need.

We will reply you ASAP and try our overwhelming best to help you solve the problem.

Amazon:

1. Visit www.amazon.com/your-orders
2. Find your product
3. Click on "contact seller"
4. Include your order #

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