

# Upper Control Arms Installation Instructions

3C271016



1. Use a floor jack to raise the front of the vehicle, and place the jack stands under the frame. Then, finish removing the lug nuts and wheel.

2. Unclip the ABS wire from the upper control arm.



3. Using a 21mm wrench, loosen the upper ball joint nut, but do not completely remove it. Insert and wedge a large pry bar between the upper control arm and spindle while pushing downward to apply pressure to the upper ball joint taper-fitted stud.



4. While holding pressure on the ball joint, using a hammer, strike the side of the knuckle attached to the upper control arm's ball joint. Continue striking the knuckle until the ball joint is freed.



Once the taper fit has been released, finish removing the ball joint nut.

5. Using an 18mm wrench, remove the upper control arm bolts and retain them for reuse. Then, swivel the control arm up and down as you pull on it to free it from the brackets.



6. Install the new upper control arm. For the convenience of installation and to reduce abnormal noise, apply a thin layer of grease to the inside of the chassis mounts and exposed bushing surface on the new control arms. Mount the control arm ball joint to the knuckle. Fasten the lock nut onto the taper pin and torque it to 70 ft-lbs.

7. Tighten the upper control arm mounts on the chassis. [Torque to factory spec]

8. Re-install the ABS wire to the upper control arm.

9. Lastly, mount the wheel and re-install the lug nuts.

10.Repeat steps 2 - 9 on the opposite side of the vehicle.

**11. *Alignment recommended after installation!***



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**IMPORTANT NOTE:**

1. Contact us for a video if you can't assemble these parts. (an easy work)
2. Important Tips on zerk: Do not overtighten 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, be sure to pay attention to the condition of the dust cover. Overgrazing 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 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 Lubricants, 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.

If you have any questions, feel free to contact us.

It is our honor to help you. So please write us about what you think and what you need. We will reply to you ASAP and try our overwhelming best to help you solve the problem. Please feel free to contact us via eBay message or Amazon tools.