



## INSTALLATION INSTRUCTIONS

### REAR UPPER CONTROL ARMS PART No. # 1102

Fits: General Motors , G Body Platforms 1978-1987

**GM :** Malibu , Monte Carlo , El Camino , Cutlass , 442 , Regal , Grand National , Le Mans , Grand Prix

---

### **! PLEASE WORK SAFELY !**

*For maximum safety, please perform this install on a Level surface with vehicle's front wheels blocked.*

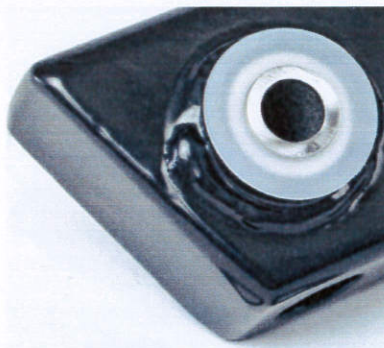
### **PREPARATION FOR INSTALLATION**

- Raise the rear of vehicle by supporting the chassis on flat area in front of the lower control arm attaching point on the car body. Be sure to use approved support jack stands that meet the load capacity. Raise the vehicle high enough to allow rear axle to hang all the way down and still have rear tires off the ground. *Do Not put any support blocks or jack stands under the rear axle.*
- Next, double check to make sure your vehicle is secure with both front wheels blocked , and safely supported in the air with the proper jack stands that are rated to support the weight load of your vehicle in the air.
- We recommend installing control arms on one side of the vehicle at a time, once completed , move to the other side of vehicle.

### **INSTALLATION STEPS**

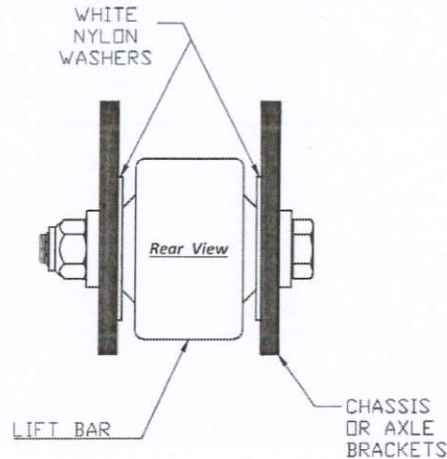
- STEP 1.** Remove both rear wheels and apply penetrating oil, or a rust release lubricant to all mounting bolts on Rear Upper Control Arms on your car, and apply to both sides.
- STEP 2.** Now, raise your rear axle housing up slightly about 2"-3" inches with a floor jack for now.
- STEP 3.** Next, using a hex socket and wrench, remove the nuts & bolts that mount a rear upper control arm.
- STEP 4.** After the old rear upper control arm is removed, clean the mounting bracket areas with a wire brush, and wipe down mounting location with a good quality chassis grease, to ease installation of the new arm.
- STEP 5.** Now, you are ready to install new rear upper control arm with the new Grade 8 hardware supplied.
- STEP 6.** In your new hardware kit you will find four thin *Nylon washers*. These are used on the sides of the white Delrin bushings on both sides before you install it into the mounting bracket on the body of the car.

***\*Tip\*** Put a small dab of grease on the nylon washers to make them stick to the sides of the bushing when installing.*



**PLEASE NOTE :** The Nylon washers on sides, help hold the grease inside the bushings and around the white Delrin insert sleeves keeping them lubricated. The "Delrin" bushings perform best & last the longest when they stay lubricated.

**STEP 7.** The white Nylon washers go on the sides of the bushings before control arm is installed. See Drawing Below



- STEP 8.** When installing the Rear Upper Control Arm, leave all mounting bolts "LOOSE" after installed until both sides of Rear Upper control arms have been installed on your car. This will prevent axle bind that could happen during the installation, and when changing from one side of the car, to the other side.
- STEP 9.** Next, perform the same operation on the other side of the vehicle, replacing both upper control arms on the car. Then, After both upper control arms are installed, lower the vehicle to its normal ride height and remove all jack stands. Now that it's resting on 4 tires on the ground, now tighten up all mounting hardware on BOTH sides of the vehicle.
- STEP 10.** After all mounting hardware is snug down tightly, use a Torque wrench to tighten bolts down to 70 ft./lbs. of Torque.
- STEP 11.** Finally, the last step is to grease the new rear upper control arm grease zerk fittings, located on the bottom of the bars. We recommend using a good Synthetic type of grease, as used on Polyurethane bushings.

#### **IMPORTANT TIP BELOW.....**

You should only use Synthetic grease on Delrin & Polyurethane bushings. Petroleum based grease will actually eat away at the bushings. You can actually be doing more harm than good, by greasing your bushings with the wrong kind of grease. A lot of the moving parts on control arms and traction bars have grease zerks to allow you apply grease easily. You should re-apply with every oil change, as it washes out from the heat & elements. Our grease zerks are a great feature that allows you to grease your bars without taking them apart every time to apply grease.

When taking your vehicle to get it serviced, remember to inform all technicians that will be working under vehicle pumping grease into fittings & joints, they need to use synthetic grease on your control arms or traction bars. Most of the time, they only have Petroleum based grease in the gun, and while thinking they are doing a good job, they are actually hurting your bushings, shortening the life span. Please, make sure you inform any and all technicians working on your vehicle, *NOT TO* use Petroleum grease on your Delrin & Polyurethane bushings.

**CONGRATULATIONS ! ..... You're Finished !**

