

# Installation Instructions

Set No. 7.3124

Rear Suspension Bushings

2010-2013 Nissan Altima Base, S, SL,  
SR

**ENERGY**  
**SUSPENSION** 

1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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It is recommended that if you are unfamiliar with this type of work that you seek out and hire a competent service center. It is also recommended that if you choose to do this work yourself that a factory service manual be obtained for the proper procedures pertaining to removal, replacement and proper torque specifications for your vehicle. These instructions are provided as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory components from your vehicle. Wheel alignment is almost always disturbed when suspension components are removed or replaced. It is recommended that you have the alignment checked on your vehicle at a competent alignment shop. Energy Suspension recommends that you read over all the installation instructions and check all Part Numbers and quantities in the Parts List before you start. Call customer service at 949-361-3935 if the parts in your Set do not match the Parts List. Prior to installation, make sure that your vehicle is in good mechanical condition and that there are no suspension or steering related problems. These parts have been designed to work only with a vehicle that is in a good state of repair.

## PARTS LIST -- Item Number, Quantity & Description:

1. (4) 03P03681 Bushing
2. (4) 03P03682 Bushing
3. (4) 03P03683 Bushing
4. (4) 03P03684 Bushing
5. (4) 03P03685 Bushing
6. (4) 03P03686 Bushing
7. (4) 03P03690 Bushing
8. (4) 07P07184 Bushing

## PARTS LIST -- Item Number, Quantity & Description:

9. (4) 07P07185 Bushing
10. (2) 08P08460 Bushing
11. (10) 15.10.245.39 Sleeve .750" X .480" X 1.960"
12. (2) 15P1079439 Sleeve 1.252" x .808" x 1.646"
13. (2) 15.10.155.39 Sleeve .750" x .480" x 1.760"
14. (4) 15.10.137.39 Sleeve .750" x .480" x 1.570"
15. (4) 9.11107 Grease.

Using the supplied silicone grease, lightly coat the I.D. of both the control arm eye and bushing bore as well as O.D. of bushing barrel and sleeve prior to installation to reduce resistance and avoid damaging the new bushings during installation.

**USE SUPPLIED GREASE OR COMPARABLE SILICONE GREASE ONLY.**



Use a hydraulic press to remove the old bushing and shell as shown. Support the upper control arm to prevent the part from falling when bushing becomes free from the arm.



The new rear upper control arm bushings (03P03683 and 03P03684) can be lubricated and installed into the control arm using a bench vise, arbor press, or by hand in some cases as shown.

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After the new control arm bushings are installed, the new sleeve (15.10.245) can be lubricated and pushed into new bushings using an arbor press or bench vise as shown.



Remove old bushings from the camber link rod using a hydraulic press as shown.



Lightly lubricate and push the new bushings (03P03682) and sleeve (15.10.155) into the eye of the Camber Link in same manner as the upper control arm.

The OEM rear toe link bushing can be removed in the same manner as the camber link bushing. The new toe link bushings (03P03681) and sleeve (15P10794) get installed in the same manner as the camber link bushings.



To remove the old lower control arm bushing, we recommend using a torch to heat the shell enough to break the bond between the rubber and metal.



Once the bond is broken, the bushing should come out with little effort. Use caution as the bushing will be extremely hot. After the bushing is removed, clean remaining rubber fragments from the inside of the shell.

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After cleaning the remaining rubber from the inside of the shell, lubricate and push the new bushings (03P03685, 03P03686) and sleeve (15.10.245) into the OEM shell.



To remove factory bushings from rear Knuckle use all-thread, high nuts, flat washers and some metal tubing. The metal tubing needs to be of two different sizes. One piece slightly smaller than the OD of the OEM bushing shell and one that is larger than the ID of the bushing eye in the knuckle. Turn the nuts with wrenches to draw the old bushing and shell into the larger size tubing.

Grease surfaces of new bushings that will contact metal prior to installation. Use an Arbor Press or Bench Vise to install new bushings into the Knuckle.



Tighten all fasteners to factory specs. After Installation is complete, Energy Suspension recommends an alignment be performed at a qualified Alignment shop. Check all fasteners after 100, 200 and 500 miles and tighten to factory specs.

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