

# Installation Instructions

## 5.3139

### 1997-2004 Dakota 4WD 1998-2003 Durango 4WD



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

© 2008 Energy Suspension. All rights reserved.  
May not be reproduced, in any form, or by any means,  
without the written consent of Energy Suspension.

This instruction sheet is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, after you have removed the factory components from your vehicle. In most cases, various suspension components will need to be removed or relocated in order to install the new polyurethane bushings. Depending on the expertise of the installer, a factory service manual may need to be obtained in order to properly remove and install the various suspension components associated with the installation of the new polyurethane bushings. If the installer is unfamiliar with the removal and installation of the vehicle's suspension components, we recommend seeking the help of a qualified service center specializing in suspension systems.

#### Upper Control Arm

##### Removal:

Remove Upper Arm from suspension assembly. Measure distance from outside of the arm to the flange of the shell. When installing, you will need to maintain that distance. Press out original rubber bushings and shells.

##### Installation:

Using Diagram 1 as a guide press in the provided shells to the pre-measured distance. Make sure that the upper control arm pivot shaft is positioned inside the arm, as you will not be able to install it once the shells are pressed in. With the new shells installed, you can install the new polyurethane bushings. Generously coat all contact surfaces between the polyurethane and metal. Tighten to factory torque settings. Install arm into suspension assembly.

#### Lower Control Arm

##### Removal:

Remove the Lower Arm from the suspension assembly. To remove the old bushings from the control arms, a hydraulic press can be used to push the bushings out. If a hydraulic press is not available, use a piece of all-thread, tubing, flat washers and nuts (Figure 1 and 3). Trim off the rubber flange to aid in the bushing removal (Figure 2). Once you have removed the rubber bushings, thoroughly clean the inside diameters with a wire brush until completely smooth.

##### Installation:

Generously coat all metal surfaces that come into contact with polyurethane with the provided grease. See Diagram 2 for bushing and sleeve locations. Simply slide in the new polyurethane bushings and sleeve into the arm. Use a vise or similar tool to completely seat the new bushings and sleeves. Once this is completed, you can install the lower arm into the suspension assembly. Torque bolts to factory settings.

Figure 1

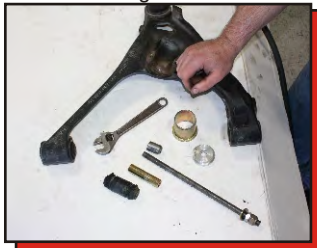


Figure 2



Figure 3



#### BILL OF MATERIALS

- 4 - 3400 Lower Control Arm Front Position
- 4 - 3399 Lower Control Arm Rear Position
- 4 - 3005 Upper Control Arm
- 4 - 15.02.06.39 Upper Shell
- 2 - 15.10.443.39 (.813" OD x .563" ID x 3.00" L)
- 2 - 15.10.453.39 (.750" OD x .480" ID x 3.00" L)
- 4 - 15.10.609.39 (.813" OD x .625" ID x 1.790" L)
- 4 - 9.11101 Grease
- 17533 - Instructions

Note: The new upper arm shells and bushings will be pre-assembled for shipping. They will need to be disassembled for installation. Make sure to thoroughly grease all metal to poly surfaces before re-installing the new poly bushings into the shells.

Diagram 1

3005 w/ 15.10.609.39 Sleeve  
15.02.06.39 Shell

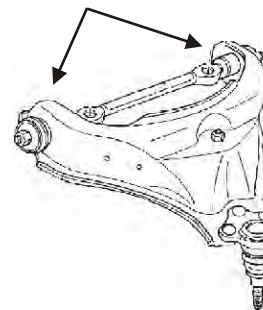
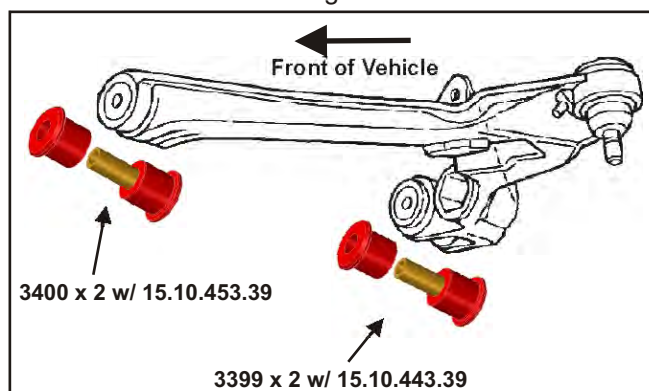


Diagram 2



17533

08/June/09 NK