

# INSTRUCTION SHEET FOR SET #7.3116

## Read this instruction sheet thoroughly before initiating any work!

*It is recommended that if you are unfamiliar with this type of work that you refer to a qualified service center specializing in this type of work. 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. It is recommended that you have the alignment checked on your vehicle at a qualified alignment shop. This instruction set is intended as a guideline for the safe installation of Energy Suspension's Polyurethane.*

### Suspension Removal:

On rear hub, remove nut. Remove lower ball joint nut and break loose ball joint only. Remove brake caliper bolts and remove caliper. Remove rear toe link bolts and remove link. **(3) BE SURE TO SCRIBE LINES** on adjusting bolt for estimated realignment upon re-assembly.

Remove nut/bolt from lower shock position, but, leave shock attached at top.

Remove bolts from upper rear arm **(2)** and slide down shock to remove.

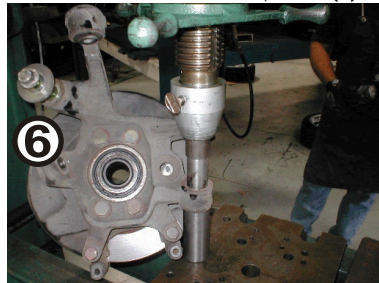
Remove bolts from upper front arm **(1)**. Remove knuckle assembly. **NOTE: knuckle assemblies will vary**, if you have a disk brake/drum brake assembly **(a)**, you can remove the 4 bolts attaching it to the spindle. This way you don't have to mess with removing the e-brake cable. If the knuckle assembly only has a disk, you do not need to remove the disk from the knuckle. You can see it is still attached in pic **(b)** Remove bolts and remove lower control arm **(4)**.

### Bushing Removal:

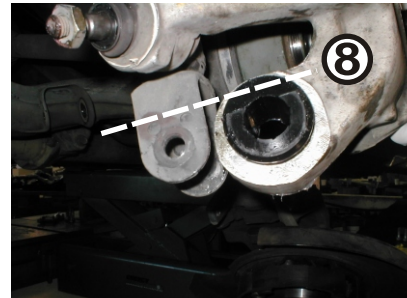
Using a press, remove bushings from upper front arm **(1)**, upper rear arm **(2)**, and rear toe link **(3)**, (**HICAS models will not use bushings at position (3)** the lower control arm **(4)** and the applicable positions on the knuckle. If your knuckle has a bushing in the shock position **(5)**, remove and install #8317. If your knuckle has a stud at this position **(6)**, you won't use #8317. Energy suspension **DOES NOT** service a bushing for the shock.

**Bushing Installation:** Make sure there are no sharp metal edges, apply grease to bushings, sleeves, and ID's of arms and knuckle. Refer to parts list for proper locations. Press in bushings first, then press in sleeves. *Make sure* when installing #8317 that you install it half way first **(7)**, then align the cut out parallel with the studs in the lower shock clevis **(8)**. Installation of suspension is reverse of removal. Tighten all bolts to factory specifications.

Disk-type emergency brake  
Knuckle with stud at shock position **(b)**



Drum-type emergency brake  
Knuckle with bushing at shock position **(a)**



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### PARTS LIST:

- 2 - 8317 Lower shock bushings
- 2 - 15.10.523.39 Sleeves (1.000"x0.500"x1.645")
- 4 - 8318 Control arm bushings
- 4 - 15.10.525.39 Sleeves (1.000"x0.500"x1.765")
- 12 - 8309 Upper arm/toe link bushings
- 12 - 15.10.518.39 Sleeves (0.875"x0.500"x1.565")

