

INSTRUCTION SHEET FOR SET #7.3119

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. This instruction set is intended 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 qualified alignment shop. Energy Suspension recommends that you read over all the installation instructions and check all P/N's and quantities in the parts list before you start. Prior to installation, make sure that your vehicle is in excellent mechanical condition and that there are no suspension or steering related problems. This part has been designed to work only with a vehicle that is in good state of repair. No matter how carefully we design our parts, this is one area we have no control over and cannot be held responsible.

On rear hub, remove 1-7/16" nut. Remove lower ball joint nut and break loose ball joint only.

Remove 14mm bolts and remove caliper.(4)

Remove 17 & 19mm rear toe link (1) bolts and remove link. **BE SURE TO SCRIBE LINES** on adjusting bolt for *estimated* realignment upon re-assembly.

Remove 17mm nut from lower shock position, slide shock off shaft. Leave shock attached at top.

Remove 19mm bolts, slide upper rear arm (2) down shock and remove.

Remove 19mm bolts and remove upper front arm (3) Remove spindle assembly.

Remove 19mm bolts from rear lower control arm (5). Remove arm.

Using a press, remove bushings from upper front arm (3), upper rear arm (2), rear toe link (1), and two positions (6,7) on spindle. (HICAS models will not use bushings at positions (9) and (10). **Note: outer metal shells must be pressed out of rear spindle all 3 positions.** **Bushing Removal:** The following requires time and patience! For the lower control arm positions and the one position on the spindle (8), use heat to remove inner metal sleeve. Then, **CAREFULLY**, use a hacksaw and cut through the outer metal shell **ONLY**, this will remove the preload on the shell. Now, using a punch and hammer, you can remove the shell.

Bushing Installation: Make sure there are no rough edges, apply grease to bushings, sleeves, and ID's of arms and spindle. Press in bushings first, then press in sleeves. See parts list for locations.

Installation is reverse of removal. Tighten all bolts to factory specifications.

Energy Suspension recommends a full alignment after the work is completed.

ENERGY
SUSPENSION 

PARTS LIST:

Lower Control Arm (5)

4 - 3451 Control arm bushings

4 - 15.10.335.39 Sleeves (.875"x.500"x1.943")

Toe link arms (1)

2 - 3450 Toe link bushings

2 - 15.10.335.39 Sleeves (.875"x.500"x1.943")

Other arms (2,3)

10 - 8309 Upper & toe link arm bushings

10 - 15.10.518.39 Sleeves (0.875"x0.500"x1.565")

