

Installation Instructions **5.3127**
2000-JAN/01 Mitsubishi Eclipse

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.

Remove both the left and right lower control arms by removing the pinch bolt at the spindle. Remove the forward pivot bolt and the two bolts holding the rear bushing bracket to the chassis. See **Photo 1**.

As the sway bar brackets are hidden beneath the lower control arm, it is best to install this kit (p/n 5.5151) at this time. Please refer to instruction sheet **17378** for that installation procedure if purchased.

Working with one control arm at a time, remove the rear bushing from the arm. This can be done by applying a spray lubricant and twisting it off of the pivot shaft. **DO NOT DISCARD**, you will need to press the bushing and outer metal sleeve from the outer housing. Be very careful not to damage the outer housing as you will need it for the installation of the new pivot bushing (p/n 3402). Support the outer housing around the welded area. Try to keep the outer housing as level as possible. Position your work so the hydraulic ram will push more around the welded side, as this will help keep the housing from tilting. See **Photo 2**. Remove any and all burrs from this housing and clean off all dirt and grease. Using the supplied lubricant apply a light coat of grease to the leading edge of the bushing and press into place. Grease and place the bushing and housing onto the pivot shaft. The p/n 3402 should face towards the rear of the vehicle after installation is complete. See **Photo 3**. Note the orientation of the mounting ears as they are offset.

The forward bushing and sleeve must be pressed out as well. The use of an arbor press or hydraulic press may be required. See **Photo 4**. Once complete, clean all surfaces free from dirt and grease. Apply a light coat of grease to the OD and ID of the bushing (p/n 2474), and insert into control arm. Install inner sleeve and install control arm onto vehicle.

Important note: Lightly grease any and all surfaces that contact the polyurethane bushings with the supplied grease.

Check all hardware to be sure that it has been tightened to factory specifications. It is recommended that your vehicle be professionally aligned after this installation.



Photo 1



Photo 2

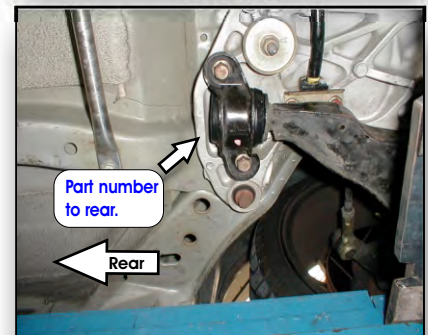


Photo 3



Photo 4