

Installation Instructions **5.3128** **2000-JAN/01 Mitsubishi Eclipse**

ENERGY
SUSPENSION 

1131 VIA CALLEJON, SAN CLEMENTE, CA

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.

1. Starting with the trailing arm (p/n 8144 & 15.10.374.39), remove the access cover on the inside of the fender well (photo 1) to gain access to the pivot bolt. Loosen and remove. At the spindle loosen and remove the bolt that secures the trailing arm to the spindle and lower out of vehicle.

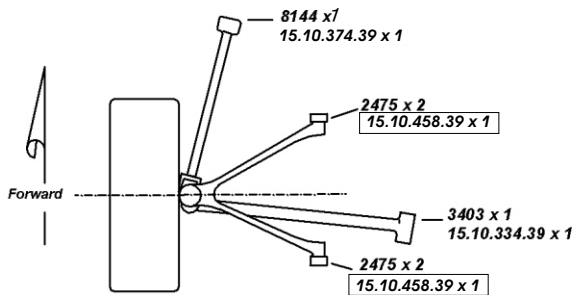


Photo 1



2. Using an arbor press or hydraulic press remove the original bushing and outer metal sleeve from trailing arm. (Photo 2) Be careful not to damage the loop that the bushing is installed. Once the bushing has been removed, clean and de-burr all bushing surfaces. Using the supplied lubricant, grease the ID of the trailing arm and the ID of bushing. HINT, install a liberal amount of grease to the leading edge of the bushing prior to insertion. Install sleeve and assemble trailing arm in reverse order of removal.

3. At the lower control arm disassemble and set aside the rear sway bar endlink assembly. (Photo 3) Loosen and remove the pivot bolt at the rear cross member, loosen and remove the attachment bolt at the spindle. Make certain that all cables and or wiring which may or may not be attached to your control arm have been removed and safely tucked out of harms way.



Photo 3

4. Using the same procedure as in step 2, remove the bushing and outer shell from the control arm making certain not to damage the outer loop of the control arm. Grease the ID of the loop and the ID of the bushing (p/n 3403) and install into control arm. Insert metal sleeve (p/n 15.10.334.39) and install control in reverse order of removal.

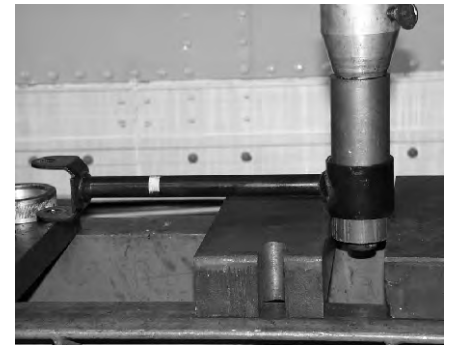


Photo 2

5. At the upper control arm loosen and remove the bolt holding the control arm to the top of the spindle (Photo 4). Secure the spindle out of harms way during the remainder of this procedure making sure not to over extend or pinch the brake lines. Loosen and remove the two pivot bolts on either side of the control arm assembly at the body and remove arm from vehicle. Using the same procedure as in step two, remove the two pivot bushings making sure not to damage the loop. Grease the ID of the loop and the ID of the bushings (p/n 2475) and install into arm. Install both sleeves (p/n 15.10.458.39) and install arm in reverse order of removal.



Photo 4

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