

# Installation Instructions 5.3136

## 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 sheet is intended as a guideline for the safe installation of Energy Suspension's polyurethane bushings, once you have removed the factory suspension 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.

Remove both the left and right lower control arms by removing the pinch bolt at the spindle, 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 rear position bushing/bracket assembly. Note orientation of mounting ears. DO NOT DISCARD, you will need to press the bushing and outer metal shell 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 3434). Using the proper OD and ID pieces of tubing, press OE bushing/outer shell assembly from bracket. 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 (beveled edge) of the bushing and press into outer housing. Next, apply supplied lubricant to ID and inside faces of bushing, install supplied inner metal sleeve, and place one of the supplied washers with the larger ID onto the pivot shaft. Then, grease and install the bushing/housing followed by one of the supplied washers with the smaller ID. 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. Once complete, clean all surfaces free of 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. Then, install supplied inner sleeve. See **Photo 4**. Last, reinstall control arms onto vehicle.

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

### Supplied Parts:

#### Rear Position:

- 2 - Bushings 3434
- 2 - Sleeves 15.10.527.39 (1.000" x .718" x 2.000")
- 2 - Washers 15.03.12.39 (2.000" x .562" x .120")
- 2 - Washers 15.03.56.39 (2.000" x 18.1mm x .125")

#### Front Position:

- 4 - Bushings 2474
- 2 - Sleeves 15.10.324.39 (.875" x .500" x 2.140")
- 1 - Instruction Sheet 17412
- 2 - Formula 5 Pre-lube Packets 9.11108



Photo 1



Photo 2



Photo 3



Photo 4