

# Installation instructions

## 04 Mazda RX-8

### Set # 11.3108



1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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**Note:** It is recommended that this set be professionally installed if you are unfamiliar with this type of work, and a factory service manual be purchased prior to performing any work on your vehicle for proper disassembly, reassembly and torque specs. These instructions are intended for bushing removal and install of Energy Suspension polyurethane bushings, once you have removed the factory component from your

**NOTE: The Lower lateral link sleeves must be re-used.**  
Remove the sleeve prior to removing the bushing. To remove the sleeve first, heat the inside of the sleeve until there is light smoke coming from the inner portion of the bushing. Use a screwdriver to push the sleeve out of the bushing.

**General Note:** It is good practice to mark all alignment eccentrics prior to disassembly to aid in good realignment after reassembly.



Typical bushing setup for all lateral and trailing links pictured below. After stock bushing and sleeve has been removed, clean and lubricate the inner surface prior to installing the new bushing set. Grease the outer flange of the bushing prior to installing the link back into the frame.

Sleeve assignment:

Lower trailing link - 15.10.582.39

Upper trailing link - 15.10.583.39

Upper lateral link - 15.10.584.39

Lower lateral link - re-use stock sleeve

Remove the stock bushings from all lateral and trailing links using heat rather than a hydraulic press.

Apply light heat evenly around the outside of the outer metal casing, just enough to break the bond with the rubber. When you see light smoke coming from the sides of the bushing the bond should be broken. At no time should there be any flames coming from the rubber, if there are any flames, you need to back off with the heat. Just push the old rubber and inner metal sleeve out. Let the outer metal casing cool off before cleaning the inside.



#### Parts List:

4 - 2712 upper trailing link

4 - 2502 lower trailing link

4 - 2713 upper lateral link

4 - 2714 Lower lateral link

2 - 15.10.582.39 (Sleeve .750"x .480"x 1.890")

2 - 15.10.583.39 (Sleeve .750"x .480"x 1.865")

2 - 15.10.584.39 (Sleeve .750"x .480"x 2.160")

4 - 9.11101 (Grease)

1- 17507 (This instruction sheet)

**17507**  
06/MAR/07 BPL

**GREASE ALL PARTS THAT COME INTO CONTACT WITH POLYURETHANE**