Installation instructions
For set # 3.10104

1131 VIA CALLEJON, SAN CLEMENTE, CA 92673

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. Call customer service at 949-361-3935 if the parts in your kit do not match this parts list. Prior to installation, make sure that your vehicle is in top 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.

Parts list: 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.** Call customer service at 949-361-3935 if the parts in your kit do not match this parts list.

- **2 - 10P10071** (Rack & Pinion Bushing, Driver side, Front)
- **2 - 10P10075** (Rack & Pinion Bushing, Driver side, Rear)
- **2 - 10P10083** (Rack & Pinion Bushing, Passenger Side)
- **2 - 10P10084** (Rack & Pinion Thrust Washer)
- **2 - 15P0608239** (Washer & Threaded Sleeve)

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To install your new Polyurethane bushings you must first remove the steering rack assembly from the vehicle. Once removed, you must remove the OEM bushings taking care not to damage the factory threaded sleeves and plate on the passenger side during removal as these will be reused. The large bushings on the driver side and the lower bushing on the passenger side can be pressed out using a hydraulic press or similar. In order to remove the upper bushing on the passenger side the housing must be removed from the steering rack assembly as there is not enough space between the bushing and the electric motor.

Once the housing has been removed, the bushing can be pressed out in the same manner as the other bushings. The threaded sleeves in the small bushings are to be reused so they must be burned out using a torch. Remove all rubber from the outside of the threaded sleeves to ensure a proper fit of the sleeves inside of the new bushings.

The threaded sleeves and new Polyurethane bushings(10P10083) and Thrust Washers (10P10084) can be installed into the housing that was removed from the steering rack assembly. Insert the bushings and sleeves into the housing with the threaded sleeves facing the same direction as they were originally.

Reinstall the housing onto the steering rack assembly. Next, install the new Polyurethane bushings (10P10071 and 10P10075) into the assembly along with the supplied welded assemblies (15P0608239).

The steering rack assembly is now ready to be reinstalled into the vehicle using the factory bolts. Be sure to tighten mounting hardware to factory specification.

For clarification see page 2 for images.

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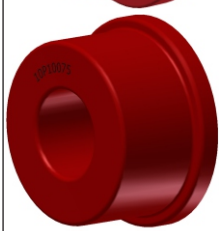
10P10083



10P10084



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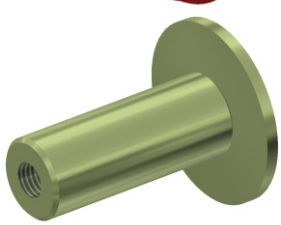
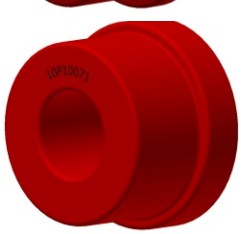


15P0608239



10P10071

Reused Parts







