

INSTALLATION INSTRUCTIONS

POWER RACK & PINION STEERING GEAR

CAUTION: PROPER SERVICE AND REPAIR PROCEDURES ARE IMPORTANT FOR SAFE AND RELIABLE INSTALLATION OF POWER STEERING PARTS. A QUALIFIED TECHNICIAN MUST INSTALL THESE PARTS TO PREVENT AN UNSAFE VEHICLE AND/OR PERSONAL INJURY.

CAUTION: THE AIR BAG RESTRAINT SYSTEM MUST BE DISABLED FOR EQUIPPED VEHICLES. REFERENCE VEHICLE MANUFACTURER'S SERVICE MANUAL FOR PROPER INSTRUCTIONS. FAILURE TO PROPERLY DISABLE THE AIR BAG RESTRAINT SYSTEM MAY RESULT IN AIR BAG DEPLOYMENT AND/OR PERSONAL INJURY.

1. Disconnect and isolate the negative (-) battery cable
2. Remove rack and pinion in accordance with instructions in the vehicle manufacturer's service manual
3. Flush power steering system to remove any contaminants (See attached flushing instructions)
4. Verify the steering wheel is exactly in the straight ahead (center) position when installing the input shaft coupling to the pinion splines. The remanufactured rack is centered at the factory. Do not turn spline shaft since this will change the spline's orientation
5. Install remanufactured rack and pinion in accordance with installation instructions found in the vehicle manufacturer's service manual
6. Remove existing O-rings from return and pressure fittings and install supplied O-rings
7. Connect pressure and return lines to unit. **CAUTION:** do not cross thread fittings. Torque fittings to specification found in vehicle manufacturer's service manual
8. When installing outer tie rods ends, make sure that the tapered stud is seated properly
CAUTION: Never back off nut when locating cotter pin hole. Install and spread cotter pins as required
9. Tighten jam nuts to torque specified in vehicle manufacturer's service manual
10. Reconnect negative (-) battery cable.
11. Check and adjust power steering fluid as necessary
12. Check and adjust toe
13. Bleed the system of any trapped air (See attached bleeding instructions)

CAUTION: The parts in this kit are designed to replace worn or non-functioning original equipment parts in the vehicle as produced by the manufacturer. These parts are not designed for installation on vehicles where the suspension and/or steering system have been modified for racing or any other purpose.