



**KRYPTONITE**  
HARD CORE STEERING • SUSPENSION PRODUCTS

# Outer Tie Rod Ends

KR800223-2 | KR800948-2

## Removal:

Step 1 - Park on a level surface and chock rear tires. Raise the front of the truck and support with jack stands under the frame. Remove front wheels.

Step 2 - Be sure to verify you have a factory end (Figure 1)

Step 3 - Measure OE tie rod from edge of boot to center of outer end. (Figure 2 )

Record its measurement below.



Figure 1

**DRIVER SIDE:**

**PASSENGER SIDE:**

Step 4 - Remove outer tie rod end from inner (Figure 3).  
Remove jam nut if you're installing KRSLVII



Figure 2



Figure 3

## Installation:

**Step 1 - (If you are installing sleeves 'Figure 4' slide the non threaded end over tie rod then spin into place) Install your new Kryptonite ends.**

To reduce adjustment time during vehicle alignment, set these measurements as close as possible to the original specifications.



Figure 4

**Step 2 - Clean Knuckle before installing tie rod end. Apply a small amount of grease to the knuckles surface (Figure 5).**

**Step 3 - Set tie rod end into knuckle and attach retaining nut. Torque to 118 ft-lbs. Then install the cotter pin.**

**Step 4 - Torque jam nut or sleeve to 55 ft-lbs.**

**Step 5 - Reinstall wheel & tire, double check all fasteners are secure and torqued to spec.**

**Step 6 - It is recommended to get a professional alignment when any steering or suspension parts are changed.**



Figure 5



### ⚠ IMPORTANT SAFETY & LEGAL INFORMATION

Installation should be performed by a qualified technician. Improper installation may result in vehicle damage, loss of control, serious injury, or death.

Always support the vehicle securely with jack stands. Never rely on a jack alone.

Verify all components are installed correctly and torqued to specification before operating the vehicle.

After installation, inspect suspension and steering components and check for proper clearance through full travel.

Re-torque all hardware after initial use and periodically thereafter.

User assumes all responsibility for compliance with local laws.

Manufacturer is not responsible for damage or injury resulting from improper installation, misuse, or modification.

By installing this product, the user accepts all risk and liability associated with its use.

Do not exceed manufacturer vehicle load, towing, or performance limits.