KRX 1000 RACK SHAFT BUSHING

First you will need to slide the front diff forward to access the bolts on the steering rack.

If a winch is installed, you will need to remove it.

There are 4 bolts that hold the diff to the frame.

You do not need to remove arms, axles or any of the suspension.

The steering rack has 3 bolts that hold it to the frame.

The steering shaft is attached to the rack with a splined collar and a retaining bolt. Remove it as well.

Once the rack is out of the machine you can disassemble the jam nut and cap

Before disassembly take note how free the rack cycles

use a small set of vise grips and cycle the rack

Once the rack is out of the machine you can disassemble the jam nut and cap

If available use a ¾ Allen wrench

If not, we use a ½” bolt. The head of the bolt is ¾.

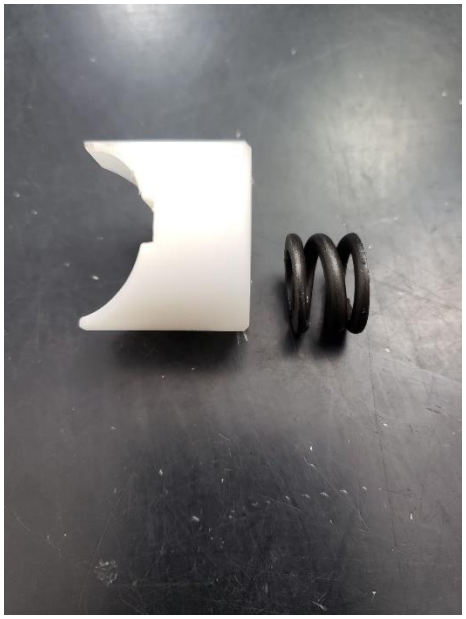
Double nut and a wrench works as well

It is easier to loosen the jam nut first and unscrew the assembly.

The assembly has a lot of blue Loctite.

Remove the blue Loctite for re assembly.

Remove the factory spring and bushing from the rack



At this time, you can pump grease into the steering rack and cycle it to spread the grease.

Install the new bushing.

Install the cap and jam nut.

When adjusting the cap take note how the rack felt before disassembly.

You want some drag to keep the rack tight and right.

Not too tight where its hard to cycle the steering rack.

not so loose where the shaft flops around.

Once the desired tension is achieved tighten the jam nut.

Reinstall the rack into the machine.

When re installing the front diff to the driveshaft there is an access panel on the passenger side footwell.

Remove the panel to access the driveshaft. This will aide in aligning the splines to the front diff.

Alignment procedure

The power steering assembly does not care where it is in rotation, meaning you can spin the steering wheel infinity and it will not hurt anything.

When installing the rack shaft to the steering rack you can get it close to straight on the wheel.

Do not worry if it is not perfect, that can be corrected.

With the steering rack bolted into place measure the stick out of the rack shaft to the end of the body will be 2 1/16” on either side.

That will perfectly center the steering rack and you will work your way out from there.

If the steering wheel is crooked pull the cover, remove the nut on the steering wheel and realign the wheel.

If the tires are not straight adjust the tierods.

We recommend 1/8“ toe in.