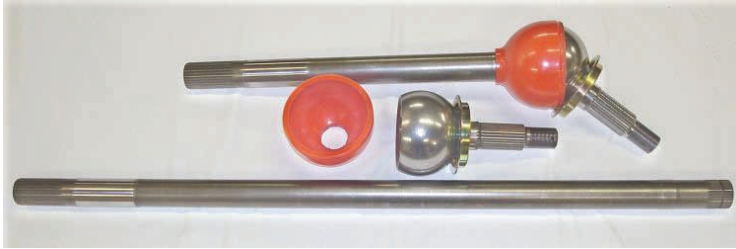




# Installing your RCV Rubicon CV Axles

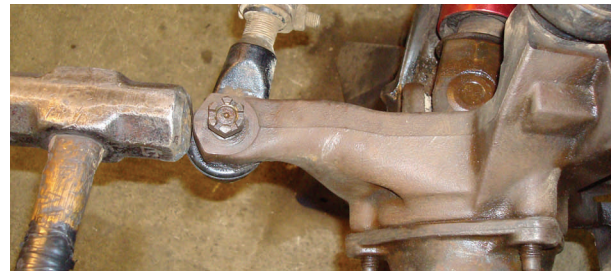


Here is a list of tools you'll need  
22mm, 12 point 13mm, 19mm, 28mm & 1 7/16

These axles have a lifetime warranty against breakage.

If you modify your steering stops causing internal damage to the CV, it will not be covered under warranty.

1. To remove your tie rod ends. Loosen the nut, hit the knuckle like this a couple of times with the hammer.

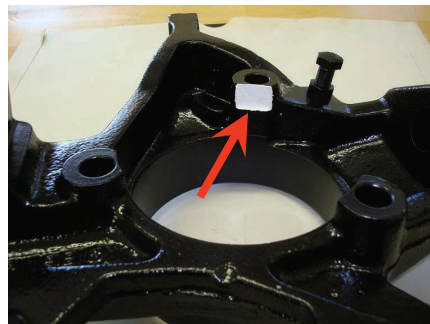
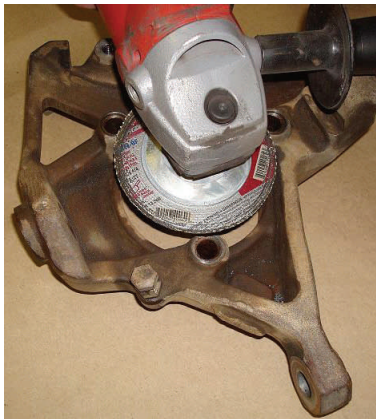


2. You must remove the knuckle to clearance for the boot. We found this is the best way to remove the knuckle, loosen the top & bottom nuts and give the knuckle a couple of hits with the hammer like this.



3. Now that you have the knuckle off, take a 4" grinder and grind about 1/16 off on the side of each bolt hole equally 1/2" down like in the picture. We also provided you with a clearance gage which must fit in the knuckle centered and flush with the top of the gage. This is to check clearance for the boot.

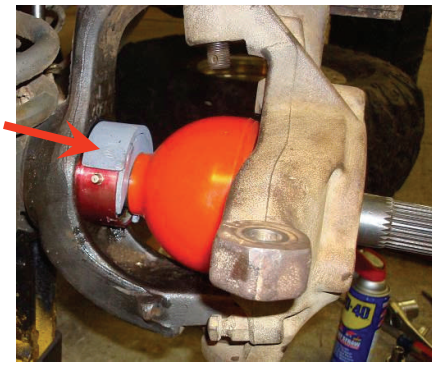
**THE BOOT MUST NOT RUB**



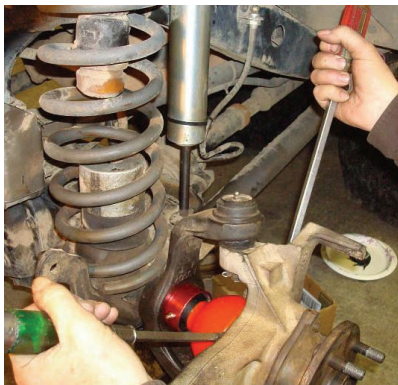
4. Put the knuckle back on. Now your ready to install the boot and axle. Slide the boot in the knuckle from the side. The boot will not fit through the uni-bearing hole. Take the shaft and slide it through the boot into the housing. It will help if you WD40 the CV for the boot to pop on. You are able to pop it in by hand. Do not hammer in.



5. Before you pop the shaft in the boot we also provide you with a special stop that fits between the housing and the boot. This stop will work with or without a tubing seal.



6. Now bolt your bearing on. Notice we provided you special bolts. Now double check for clearance. Boot must not rub. You will see that the CV has a needle tip grease fitting you only have to give a shot of grease a couple time a year. Do not over grease.



7. If you need to remove the shafts, first use two screw drivers, pry between the boot and the knuckle and the boot will pop off. Do this before removing the uni-bearing.

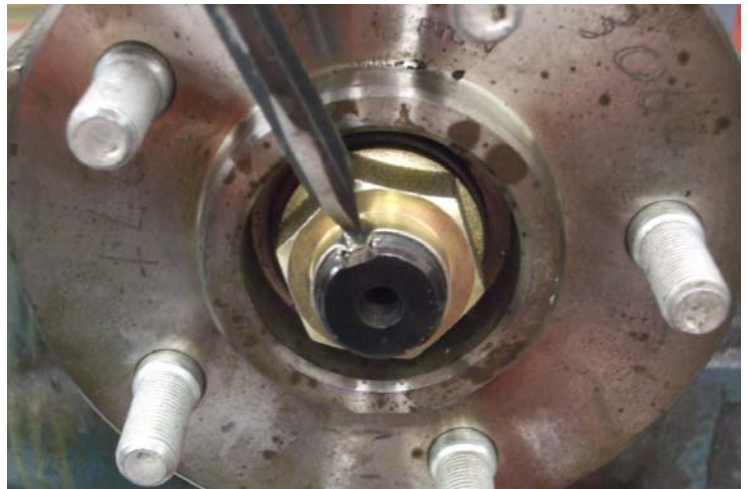
If you have any questions please call RCV Performance at 815.877.7473 ext. 307  
Be sure to torque bolts to factory specks.

## CVJ 44 & CVJ 30 Installation Instructions Addendum



- Bolt the unit bearing back to the knuckle.
- Slide the factory spindle washer onto the spindle.
- Torque the provided spindle nut to 175 ft-lbs.
- Stake the nut into place using a chisel to prevent it from coming loose.
- See following pictures for an example.

Staking the nut:



Staking complete