



CV Axle Swap

Spring Clip Axle Type | Universal

Part #: 5601205, 5601215

Rev. 030420

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SAFETY WARNING

RT Pro UTV recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/reassembly procedures and post installation checks must be known.

WHY BUY RT PRO UTV

Great off-road driving and racing comes with having the most rugged and durable machine in the pack.

RT Pro UTV performance enhancing products will make your off-road machine stronger, tougher and safer so you can have more fun and less breakdowns.

For over a decade, RT Pro UTV staff have been taking brand new UTVs and driving them to their breaking point. When they bend, break or falter, we take them back to shop and create a fix that stops the problem from happening again.

There is no other company in the industry that puts more thought, engineering and design innovation into their products than we do. Our team is made up of off-road racers, mechanical engineers and talented fabricators who live and breathe all things motorsport. Above all, we share a passion for innovation, quality construction and getting things right.

All of our products are designed for assembly by weekend warriors with normal garage tools and the occasional spot-weld. Assembly directions are complete and thorough.

Remember, when you buy a RT Pro UTV product for your UTV, all of the parts have been designed and manufactured in the United States with U.S. steel and other high quality American components.



FITMENT NOTES

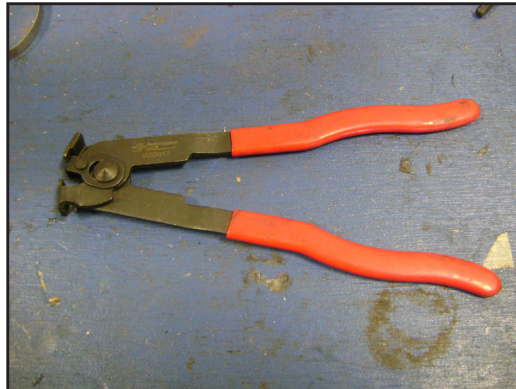
These instructions only refer to CV's that have axles that are retained with an inner spring clip as shown in Figure 5 and 6

SPECIAL TOOLS

CV Boot Clamp Pliers

INSTALLATION TIME

Approximately 2.5 hours
MEDIUM Difficulty



INSTALLATION INSTRUCTIONS

1. Remove CV boot banding, these can be removed using some CV boot pliers or simply prying them off as long as you do so without damaging the rubber boot. Stock strapping will NOT be re-used.
2. Slide Boot as far as you can up the shaft as shown in Figure 2. Leave enough room above it to place shaft in a vice. It is recommended to wrap the axle in a rag to protect stock shaft as the next step may damage surface of axle.

Figure 2



3. With the shaft clamped in the vice as shown in Figure 3, hold the bottom CV Joint with one hand and strike CV joint downwards as shown in Figure 3 using a rubber mallet. Do not use Steel hammer as this can result in damage to your CV joint. If the CV does not simply pop off with a mild strike with the dead blow hammer use a brass punch and strike the inner race of the CV assembly (see Figure 4). If you cannot get the CV end off it is recommended that you take it to your local dealership for removal as it may require additional equipment to remove.

Figure 3

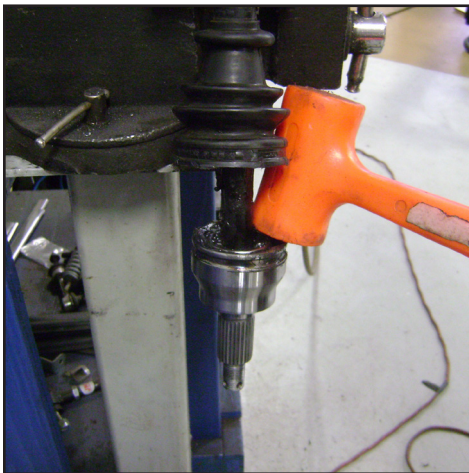


Figure 4



4. Once CV joint is removed from both sides of the axle, remove circlip from both ends of the axle and install them on your new axles as shown in Figure 5 and 6. Cup your hand over the clip during removal as it may spring off the axle. Slide boots on new axle shafts.

Figure 5

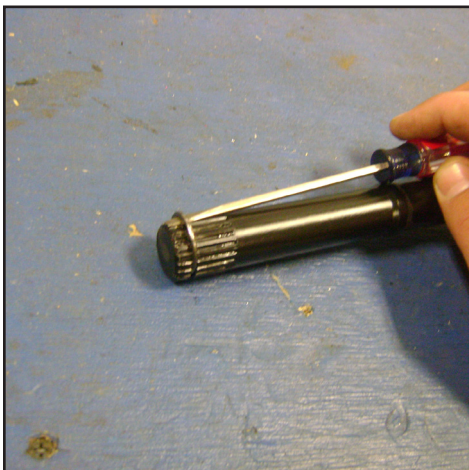
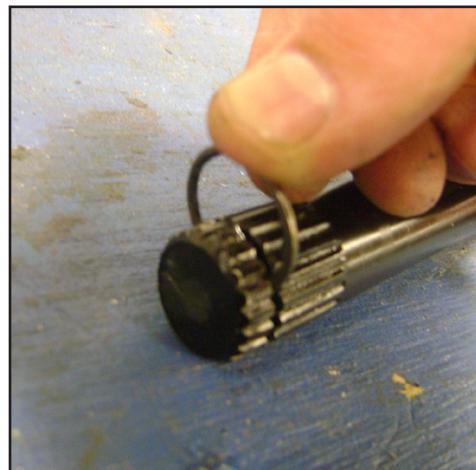


Figure 6



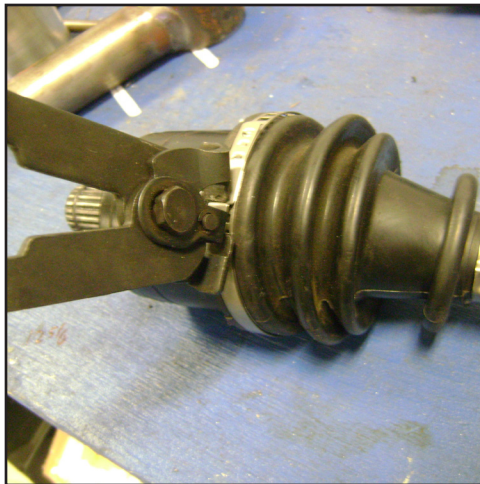
5. Once circlips are installed and boots are on new axles slide the axle into the CV joint and tap in. Check that the circlip compressing into CV before pressing in. If circlip is not compressing it may need to be pinched tighter or replaced. See figure 7 and note how circlip is compressing into the inner race.

Figure 7



6. Grease CV's with high temp CV grease as specified by the manufacturer.
7. Use the included CV boot straps to clamp boots onto to CV joints. This step requires a crimping tool. See Figures 8

Figure 8



THANK YOU FOR YOUR BUSINESS!

For questions or additional information feel free to call and ask for tech support or email us through our website at: rtproutv.com/contact



Show Us Your Ride!

Get a photo of your RT Pro UTV equipped vehicle and send them in for a chance to be featured in our customer gallery!