



**Thanks for taking on the rebuild/ upgrade process of your Pro Krawler Joints to Pro-X Krawler Joints. By doing this you're joint will last many more miles once again!**

**There have been two changes since 2022; one to the housing and another to the bushing. On the new Pro-X Krawler Joint housings, the grease groove is no longer in the center of the metal housing. Also, we have gone to a one-piece bushing in the Pro-X Krawler Joints with grease grooves in the bushing. For Pro Krawler Joints going to a one piece bushing we highly suggest everyone fill the channel in with Permatex Liquid Metal Filler 25909. The front track bar bushing is still two pieces with grease grooves in it, BUT also requires liquid metal filler. Proflex bushings are still 2 pieces and DO NOT require liquid metal. There is an option for greaseable Proflex bushings to be upgraded to the maintenance free Adventure Series Joint Center.**

**Before you start make sure you have all items, you'll need to do the job!**

- A. Torch**
- B. Krawler Joint Tool(s)**
- C. 3/8" Socket Drive**
- D. Bench Vice**
- E. Painters Tape**
- F. Permatex Liquid Metal Filler 25909**
- G. Red Loctite**
- H. Grease (Mobile Lux EP1 is preferred)**
- I. Bushings**

# **ROCK** **KRAWLER** S U S P E N S I O N

1. **While vehicle is in park and engine is not running, chock the wheels and allow engine to cool. If using a vehicle lift, follow lift manufacturer recommendations before lifting vehicle.**
2. **Remove arm(s) completely from Jeep. Use painters' tape to label each location they were removed from.**
3. **Disassemble the joint. Securing the arm in a Vice is the easiest method.**
  - a. **Heat can be used on the set screws and retaining rings to soften the loctite. It is recommended enough heat is applied to heat soak the loctite.**
  - b. **Be sure to properly seat the Joint Retainer Removal tool in the cutouts of the retainer ring. If the teeth become disengaged, you risk breaking the tool or damaging the teeth.**
4. **Clean inside the housing, grease groove and the rings very well. Removing any grease and debris.**
5. **Be sure to keep the ring threads and Zerk hole open, free, and clear of liquid metal filler.**
6. **Use Razor blade, scrapper, screwdriver, or other tool to fill grease valley with Liquid metal. Smooth it out so it is even with the housing.**
7. **Let cure according to Liquid Metal spec.**
8. **Grease the inside of the Pro-X Krawler bushing and slide on center ball. You can grease the ball center for the track bar or Proflex rebuilds. Note: You can apply a thick grease to the inside of the bushing like a red and tacky during initial installation. For General service thereafter use Mobil Lux EP1**
9. **Apply loctite and start each Retaining Ring into the housing evenly by balancing the thread engagement on each. Tighten both Retaining Rings to 30 Foot pounds (25 on Small Krawler joints).**
10. **Apply loctite to Set Screws and tighten.**
11. **Reassemble Jeep.**
12. **Keep Calm and Jeep on!**

# ROCK KRAWLER

S U S P E N S I O N

## Finished pictures of groove filled in:

