

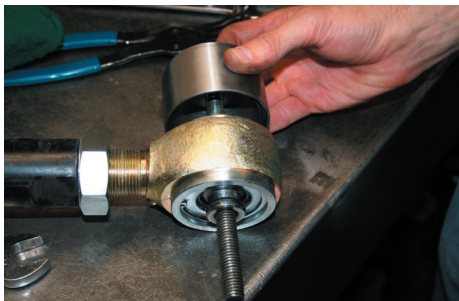
Instructions on using the field repair tools

Note: This repair was made on a BLD982 end with only one snap ring to replace. Some ends will have 2 snap rings to replace.

1. Remove the external snap ring first using snap ring pliers. This will give more space for the tool to sit in the end of the joint. (On the BLD 982 only.)



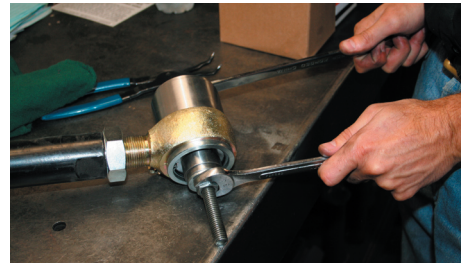
2. Put the larger of the two tubes on the side you just removed the snap ring from. Slide the long bolt through with the head on the same end as the large tool.



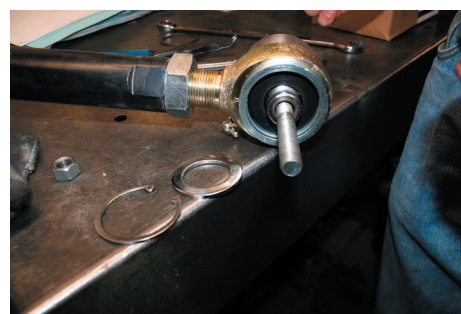
3. Slide the smaller of the two tools onto the threaded end of the bolt with the lip towards the joint so it will slide in tight against the washer inside the joint.



4. Place the provided washer and nut onto the threaded end of the bolt and begin tightening it until there is a little groove. Tighten just enough to release pressure in order to remove the snap ring.



5. Remove the internal snap ring using snap ring pliers and then remove the internal washer as well.



6. Now, to push out the urethane bushing, switch the larger of the tools to the side you just removed the snap ring and washer from. Switch the bolt and the small tool as well as the provided washer and nut to the opposite side and begin tightening to push the urethane out of the joint.



7. Completely remove the urethane bushing and ball from the joint.



8. Place the washer back inside the joint before placing the new urethane and ball back into the joint. *Note: As you begin replacing the bushing, it is important to grease each part as you insert it into the joint.*

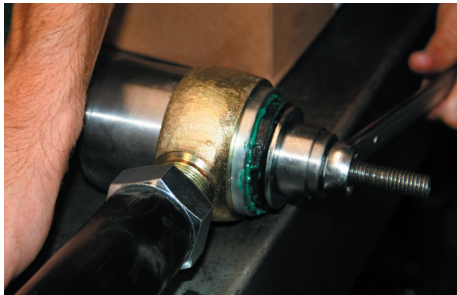
9. Place the first half of the urethane bushing inside the joint, then insert the ball into place.



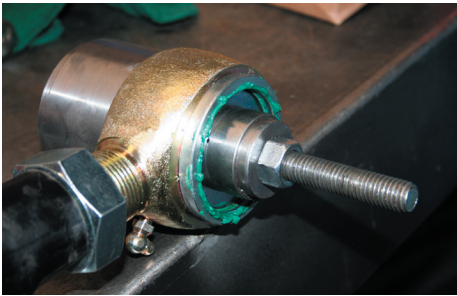
10. Place the large tool on the opposite side of the bushings pushing the bolt through to secure everything. Place the second half of the urethane bushing making sure to match up the notches.



11. Place small tool, washer and nut on the threaded end of the bolt. Begin tightening the bolt to push the urethane back into the joint.



12. Press the bushing far enough in for a gap to place the snap ring in.



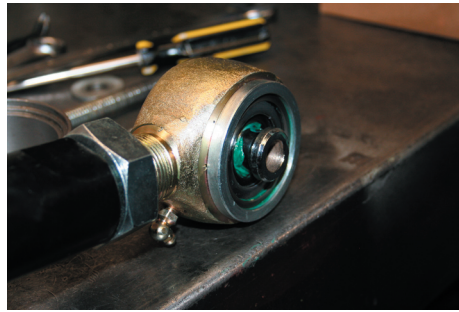
13. Pull the spiral snap ring slightly apart and begin laying it into place bottom first and wind it around so that the entire snap ring is in the groove.



14. Release the pressure on the joint and take off the nut, washer, bolt and two field tools.

15. Replace the external snap ring on the BLD982 removed in step #1.

15. Replacement is now finished.



Note: Replacement may be done while the joint is still attached to the arm; however, it is easiest to remove the arm completely from the vehicle.

Note: Replacement of the JK joints will be the same process; however, the bushings can be pushed out of either side and there will be two internal snap rings that need to be replaced.

Note: Replacement of the track-bar rod-end will also be a similar process as the one detailed in this Technical Service Bulletin.