Instructions for Changing Cylinder Rod Seal on units equipped with
QuickChange™ / SplitCap™ System.

Tools required:
> 2-1/8" wrench or 18" crescent wrench
> Seal pick or small flat blade screwdriver
> 1-1/2" wrench or 18" crescent wrench
> 1-5/16" wrench or 12" crescent wrench
> 5/8" wrench or 12" crescent wrench

The procedure for changing the rod seal with the QuickChange™ design is below.

1. The driver must be connected to the tractor/skid steer for stability.
2. Lock the driver in the upper lock position by inserting the transport lock pin through the bottom hole of the driver ram. (Fig 1).
3. Remove the top lock nut from the rod using the 1-5/16" wrench and the 1-1/2" wrench on the step nut. (Fig 2).
4. Lower the cylinder with the valve. (Fig 3).
5. Remove the step nut from the cylinder rod using the 1-1/2" wrench and the 5/8" wrench on the rod flats. (Fig 4).
6. Unscrew the top of the cap from the bottom of the cap. (Fig 5). (2-1/8" wrench or 18" crescent wrench).
7. Remove the old seal with a flat blade screwdriver or seal pick.
8. Install the new seal, carefully slide the new seal over the rod (try not to let the thread area of the rod contact the seal) and start one edge into the cap.
9. Carefully using a flat blade screwdriver, gently work the seal into the bottom of the cap (gland). (Fig 6).
10. Reinstall the top of the cap and tighten using approx. 50 FT/LB of torque.
11. CAUTION; never use any type of thread sealant on the threads between the top cap and the bottom gland of the SplitCap™ assembly. This will destroy the aluminum threads when trying to remove the cap. Thread sealant is only needed on the bottom threads of the cap assembly (gland) to the cylinder tube weldment.
12. Reapply anti seize compound on threads of rod.
13. Reinstall step nut to bottom of threads on rod.
14. Pull cylinder rod up to the driver mount top plate and reinstall top nut and tighten to approx 80 FT/LB of torque. (Fig 7).
15. Remove bottom transport lock pin and go back to the field.

The patented QuickChange™ system along with the SplitCap™ is a feature no other Post Driver offers.
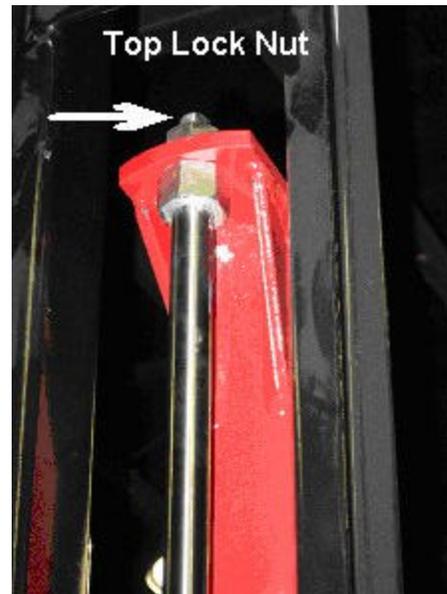
QuickChange™ System
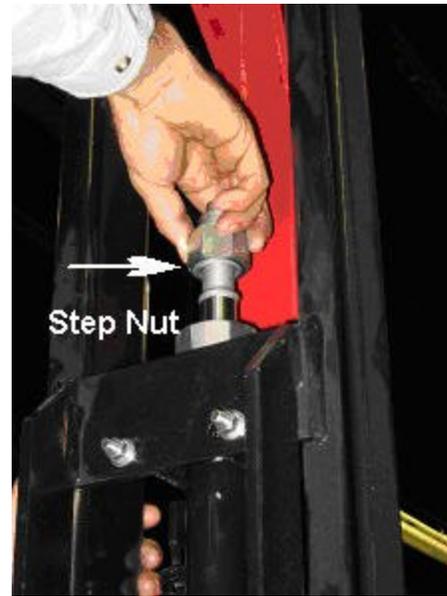

Figure 1

Figure 2

Figure 3

Figure 4

QuickChangeä System

Figure 5
Shown with Cap removed

Figure 6

Top Lock Nut

Top Cap

Step Nut

Bottom Gland