

USL-6000 CYLINDER REPLACEMENT PROCEDURE:

FILE: USL-CYL.DOC

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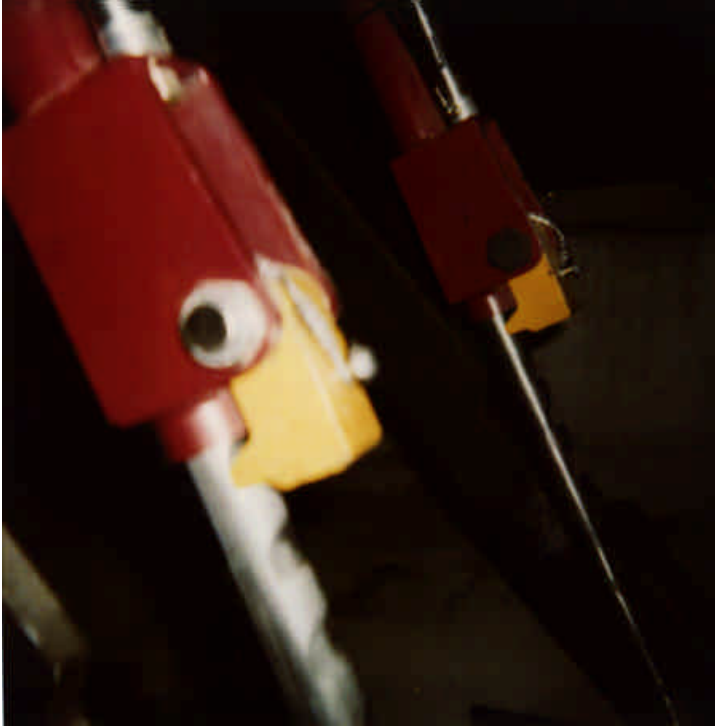
TOOLS NEEDED:

- CROW BAR
- C-CLAMP
- ¼" ALLEN WRENCH
- 11/16" WRENCH OR CRESENT WRENCH
- MALLET
- PAPER TOWELS OR RAGS
- -6 JIC CAP NUTS

1. RAISE LIFT MID TO FULL HEIGHT ABOVE 6TH OR 7TH LOCK POSITION.



2. LOWER LIFT ONTO MECHANICAL LOCKS (ON 6TH OR 7TH LOCK POSITION). SECURE DOWN HANDLE AT POWER UNIT IN LOWERING POSITION. (SEE BELOW)



3. PLACE CLAMP AROUND SIDE SUPPORT ARMS AS SHOWN. **ENSURE THAT CLAMP IS SNUG.**



4. DISCONNECT HYDRAULIC LINE AT BOTTOM OF CYLINDER ROD.
5. CAP VELOCITY FUSE AT END OF CYLINDER ROD LOOSELY.
6. REMOVE SET SCREW AT END OF CYLINDER ROD.
7. PLACE RAGS OR PAPER TOWEL UNDER ROD END ON FLOOR.
8. USE CROW BAR TO PRY PIN OUT OF END OF SUPPORT PLATE AT CYLINDER ROD END.
(A SOCKET MAY BE HELPFUL TO SHIM THE PIN OUT OF THE HOLE).

9. ONCE PIN IS PUSHED ASIDE, PRY END OF ROD OUT UNTIL PIN CLEARS SIDE PLATE.
WARNING: ROD END WILL TRY TO FLIP UP. KEEP FIRM GRIP ON ROD END DURING THIS STEP. SEE PICTURE BELOW.



10. ONCE ROD IS FREE OF MAIN TUBE, PIVOT CYLINDER SO ROD IS POINTING UP. SEE BELOW.



11. HOLD CYLINDER FIRMLY AND PRESS SIDE SUPPORT ARMS AWAY FROM CYLINDER (ENSURE THAT C-CLAMP IS STILL SECURE). REMOVE CYLINDER. SEE BELOW.



12. INSTALL NEW CYLINDER BY REVERSING STEPS.

NOTE: NEW CYLINDER WILL HAVE RETRACTED ROD. WAIT UNTIL CYLINDER IS PLACED BETWEEN SIDE SUPPORT ARMS. THEN PIVOT CYLINDER, LOOSED FITTING ON END OF ROD. PULL OUT ROD TO SECURE ROD END PIN TO MAIN TUBE AT BOTTOM OF LIFT. ALWAYS BLEED SYSTEM AFTER REPLACING/REPAIRING CYLINDER.

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