

USL-6000 TRACK ROLLER & RAIL REPLACEMENT PROCEDURE:

FILE: USL-ROLL.DOC

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TOOLS NEEDED:

- FORK LIFT
- 11/16" WRENCH OR CRESENT WRENCH
- MALLET
- PAPER TOWELS OR RAGS
- (2) -6 JIC CAP NUTS

NOTE 1: THIS PROCEDURE IS FOR REPLACEMENT OF TRACK ROLLER AND FOR MODIFICATION OF TRACK RAILS FOR USL-6000 LIFTS WITH PLATFORMS WELDED TO SADDLES. IF THE PLATFORMS ARE NOT WELDED, BUT ARE BOLTED, THEN THE BOLTS CAN BE REMOVED, THUS ALLOWING PLATFORM REMOVAL.

NOTE 2: THE "**TOW END**" OF THE LIFT IS THE END OF THE LIFT FROM WHICH YOU TOW THE LIFT AND WHERE THE MAIN PIVOT TUBE IS PRESENT. THE "**ROLLER END**" OF THE LIFT IS THE END OF THE LIFT WHERE THE FLOOR ROLLERS ARE PRESENT.

REPLACEMENT PROCEDURE:

1. CLEAR AREA AROUND LIFT TO ALLOW A FORK LIFT TO APPROACH THE TOW END OF THE LIFT.
2. REMOVE ONE SWING ARM (THE ONE THAT IS CLOSEST TO THE TOW END OF THE LIFT) FROM EACH PLATFORM.
3. CONNECT ONE FORK ADAPTER TO EACH PLATFORM IN THE 1"-12 THREADED HOLES CLOSEST TO THE TOW END OF LIFT. HAVE THE OPEN SLOTS OF THE TUBES BOTH FACING THE TOW END OF THE LIFT.
4. DISCONNECT THE HYDRAULIC LINES FROM THE CYLINDER VELOCITY FUSES. SHIFT THE HYDRAULIC LINE ENDS AWAY AND CLEAR OF THE VELOCITY FUSES.
5. PLUG THE CYLINDER VELOCITY FUSES WITH -6 JIC CAP NUTS.
6. DRIVE FORK LIFT TOWARDS TOW END OF LIFT AND INSERT FORKS INTO THE FORK ADAPTERS THAT HAVE BEEN CONNECTED TO THE PLATFORMS. LIFT FORKS TO APPROXIMATELY 4 ½ FEET.
7. PULL CYLINDER ENDS (END OF CYLINDER WITH BLEEDING PLUG) UP TOWARDS FORK TRUCK. REMOVE SIDE SUPPORT ARMS THAT ARE ATTACHED TO EACH CYLINDER AT THE TRUNIONS AND SET THESE ASIDE. THEN LAY CYLINDER DOWN ON FLOOR WITH ROD END STILL CONNECTED TO LIFT.

8. LIFT FORKS UNTIL TRACK ROLLER IS FREE OF TRACK IN PLATFORMS. TRACK ROLLERS ARE NOW ACCESSIBLE FOR REPLACEMENT.
9. FULLY LOWER LIFT WITH TRACK ROLLER BELOW AND OUT OF TRACK RAILS. THEN REMOVE FORK TRUCK FROM AREA AND FLIP PLATFORMS UP AND OVER TOWARDS TOW END OF LIFT. THE BOTTOM OF EACH PLATFORM IS NOW ACCESSIBLE FOR REPAIR/MODIFICATION.

RE-ASSEMBLE LIFT:

1. FLIP PLATFORM BACK ONTO LIFT.
2. BRING FORK LIFT NEAR TOW END OF LIFT ONCE MORE. INSERT FORKS IN FORK ADAPTERS.
3. RAISE LIFT ABOVE FULL HEIGHT AND THEN LOWER FORKS AND GUIDE TRACK ROLLERS INTO TRACK RAILS.
4. LOWER TO APPROXIMATELY 4 ½ FEET. SET LIFT ON LOCKS (SET ON 7TH LOCK).
5. RE-ASSEMBLE CYLINDERS WITH SIDE SUPPORT ARMS. RE-CONNECT HYDRAULIC LINES WITH VELOCITY FUSES AT ROD END OF CYLINDERS.
6. LOWER LIFT COMPLETELY.
7. REMOVE FORK ADAPTERS AND RE-ATTACH SWING ARMS.
8. BLEED LIFT PER OPERATIONS MANUAL.

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