

Service Procedure Rev. 1

Service Department

For: Changing Table Tops on LS & DL models

Issue Date: 5/14/98

Reissue Date: 5/30/14

Changing Table Tops

When changing a table top on a Southworth Products LS or DL series lift, the following steps have to be taken:

1. Raise the lift and install the maintenance devices as described in the Southworth Owner's Manual. If you do not have an Owners Manual, raise the machine to its full up position, place maintenance devices in their proper position (between the lower rollers and base frame end plate) and lower machine on chocks releasing pressure. (Manuals are available at no charge)
2. Remove cotter pins in the upper pins / shaft. If the machine is painted, remove paint with emery cloth, or 220 grit sandpaper.
3. Support the table top with an overhead crane, sling or forklift.
4. Drive the upper hinge pins / shaft out by using a punch and hammer. If the pin / shaft will not clear the table it will be necessary to cut a notch in the skirt to allow clearance for the shaft.
5. Once hinge pins / shaft are free the table top is ready to remove.
6. Replace hinge pins / shaft, washers, and cotter pins. Place new hinge blocks on outside of shaft, one on each side.
7. Position the new table top on the lift. Measure the top clearance in relation to the base frame to get a general idea where the top is to be mounted. Before welding the hinge blocks to the table top, check the spacing of the upper rollers to the roller retainers. If the gap is not the same, make it the same and tack weld the hinge blocks in place. Raise the machine and remove the maintenance devices and cycle the machine several times checking the spacing of the upper rollers. If the spacing remains the same, the hinge blocks can be welded solid.

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