

---

## Center Scissor Pin Replacement

**Notice:** Before performing any service on a machine read and understand all safety instructions in the owner's manual. Manuals are available free of charge. If you do not have one, please call the Customer Service Department at the toll-free number below.

1. Raise the machine and place maintenance devices into place in accordance with owner's manual instructions.
2. Lower the lift onto the maintenance devices, press the down control button a couple of times to release the hydraulic pressure from the system.
3. The top should be secured for safety reasons.
  - a. There are several ways to secure the top: a. If an overhead crane is available, hook a chain to the top of both ends.
  - b. If a forklift is available, the forks can be placed beside the leg set and take any strain off the leg set.
  - c. Cut wooden 4X4's and position them at the furthest point from each other under the top.
4. Drive two steel wedges in between the scissors' legs adjacent to the center scissors pin, spreading the legs slightly.
5. Clamp the legs together with large "C" clamps securing the alignment of the legs to the center pin.
6. Remove the shaft retainer. Depending on the design of the lift, grind off the washer welded to the end of the shaft or unbolt a washer bolted to the end of the shaft, or remove a snap ring.
7. Drive the center pin out of one side at a time. Replace the bushings, one side at a time. Always leave a pin in the side not being worked on. If the pin has worn and a ridge is present, turn the pin 180 degrees and then remove the pin.
8. Lubricate bushings and center washers with multi-purpose grease.
9. Install the new shaft and spacer washers.
10. Remove clamps and wedges.
11. Install outer washers and snap rings.
12. Run the lift up slightly and remove maintenance devices and other support.
13. Cycle the lift and check for smooth operation and proper tracking of rollers on the roller track.

### Southworth Service Department

P.O Box 1380

Portland, Maine 04104-1380

[Service@SouthworthProducts.com](mailto:Service@SouthworthProducts.com)

Tel: (800) 743-1000

Fax: (207) 797-4734