



SERVICE PROCEDURE

Servicing Lower Limit PCS

Applicable Model(s)

Professional Cabinet Saw (PCS175 & PCS31230)

Tools Needed

- Wire brush
- Air compressor or Canned Air
- 5mm hex key

Related Links

- [PCS Tilt and Elevation Maintenance](#)
- [PCS31230 Owner's Manual](#)
- [PCS175 Owner's Manual](#)

PROCEDURE SUMMARY

Saw dust accumulation in or around the lower limit stop bolts and shaft may prevent the arbor from being able to lower properly. This in turn could cause the blade to protrude above the tabletop.

SAFETY

WARNING: Disconnect the plug from the power source from the tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

WARNING: Wear gloves when handling the saw blade.

WARNING: When servicing the tool, use only replacement parts from SawStop.

WARNING: Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

WARNING: Read and understand the instruction manual and all safety warnings that came with the tool before attempting to maintain or operate the tool. Failure to follow instructions or heed warnings may result in electric shock, fire, serious personal injury or property damage. Save these instructions and refer to them whenever necessary.



SERVICE PROCEDURE

CLEANING AFFECTED AREAS

1. Using the elevation handwheel, raise the saw blade to approximately halfway up.
2. From the saw operator's position, access the limit bolts by removing the lock knob from the side cabinet door located on the right-hand side of the saw body. (Image 1)

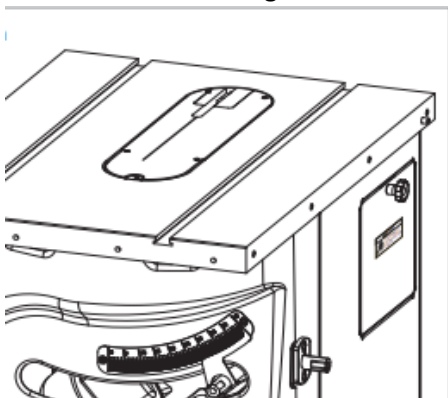


Image 1

3. The three limit bolts will all have a yellow-colored bolt head. (Images 2, 3 and 4)
4. Using the wire brush, scrape off any built-up sawdust or debris. Pictured are the three limit bolts on the saw. Image 2 is the limit bolt for 45°, Image 3 is the limit bolt for 0° and Image 4 is the limit bolt for upper elevation control.

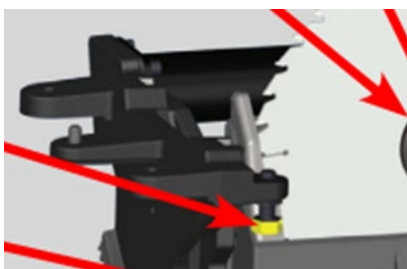


Image 2

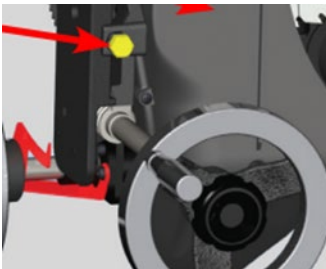


Image 3

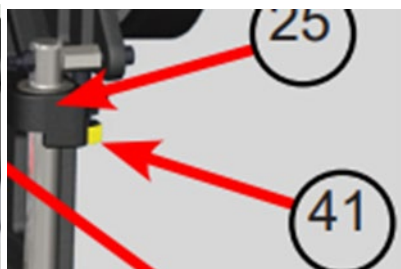


Image 4

5. Use compressed air blow off any loose saw dust.
6. With the elevation still at mid height, open the motor cover door on the saw operator's left and use compressed air to blow out the motor mounting bracket. If saw is still not lowering all the way, grab a small wire and insert it through the opening to break up any compacted residue. (Image 5)



Image 5



SERVICE PROCEDURE

7. Using the tilt handwheel, tilt the saw to 30°.
8. Open the rear access door using the 5mm hex key.
9. More sawdust accumulation may be found on the recessed area inside the saw body. Use compressed air to blow away any loose sawdust and follow up with a wire brush to removing any residue. (Image 6)



Image 6

REASSEMBLING SAW

1. Using the 5mm hex key, attach the rear door with the hex bolt.
2. Close motor cover door on the left.
3. Close the access door on the right and resecure the door with the lock knob.

FINAL ADJUSTMENTS

Move the saw elevation through its entire range several times to confirm that the blade is entirely below the tabletop at the lowest elevation.