



# SERVICE PROCEDURE

---

## Installing Replacement Arbor Belt & Motor Belts ICS/CB

### Applicable Model(s)

*This procedure only applies to Industrial (CB) model saws.*

### Tools Needed

- 19mm Combo and Socket Wrench
- Blade wrench or small pry bar

### Part(s) or Service Kit(s) Needed

- [Arbor Belt](#)
- [Motor Belt](#)

### Related Links

- [SawStop Service Video – Belt Replacement](#)

## PROCEDURE SUMMARY

This procedure explains how to replace the belts for the motor and arbor block. SawStop typically recommends replacing both belts every 2 to 4 years of use. As well, replacement of the belts might be necessary if the belts make a noise on startup or if the saw lacks power when cutting material.

### 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 SawStop tools, 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

## REMOVING THE MOTOR AND ARBOR BELTS

1. Remove blade, arbor nut and arbor washer using arbor wrenches.
2. Lower arbor the lower elevation limit.
3. Turn tilt handwheel to 45 degrees.
4. Open motor door and remove dust collection hose. (Image 1)
5. Vacuum any dust and debris out of saw cabinet.
6. Loosen nuts for motor positioning bolt and motor mounting bolt. (Image 2)



Image 1



Image 2

7. Turn tilt handwheel to 15 degrees.
8. Move to belt access door on left side of saw cabinet and open it.
9. Pull the motor belt slightly upwards to lift the motor and relieve tension on belt. Remove motor belt from both the double pulley and motor pulley.
10. Once Motor belt has been removed, arbor belt can now also be removed from double pulley and arbor pulley.

## INSTALLING THE ARBOR BELT

11. Place new arbor belt behind double pulley
12. Push belt over the arbor pulley. Belt should now be fully behind both pulleys.
13. Pull arbor belt towards the pulley and move arbor belt back and forth to walk belt onto both pulleys, one or two ribs at a time, alternating between both pulleys. (Image 3)



Image 3

# SERVICE PROCEDURE

## INSTALLING THE MOTOR BELT

14. Place new motor belt on both the motor and double pulleys.
15. Make sure belt covers all of the grooves on both pulleys.
16. Set the tilt to 45 degrees and return to the motor door side of saw.
17. Insert a blade wrench or small pry bar between motor body and elevation plate.
18. Pull down to increase the tension on motor belt. (Image 4)



Image 4

19. Keep tension on blade wrench (or pry bar) and tighten down nut on the motor positioning bolt. There is no need to hold bolt on other end because bolt is equipped with flat shoulders that fit into adjustment slot on motor mount. (Image 5)



Image 5

20. Check belt tension. Belt should deflect no more than ½" when squeezing belt or belt should give off a tone, rather than a dull thud when plucking belt.
21. Tighten nut for motor mount bolt. If necessary, hold bolt to keep it from turning.



# SERVICE PROCEDURE

---

## FINAL ADJUSTMENTS

22. Reattach dust collection hose and make sure to tighten down hose clamp.
23. Tilt blade to 45 degrees and make sure that hose is secure and not pulling out of dust ports on both ends.
24. Reinstall blade and arbor nut and ensure proper blade to brake spacing.
25. Restore power to saw and initialize by turning switchbox to on position.
26. Pull out switchbox paddle to start saw.
27. Listen for squealing sound from belts on startup. If squealing occurs, contact SawStop Technical Support for further troubleshooting.
28. After around 8 hours of operation check and adjust tension as needed for motor belt tension. This will not be required for arbor belt as the tension is set automatically.