

How to Replace the SOT — Retractable Screen Door

These steps replace the SOT (screen on tube) in a retractable screen door cassette. Scan the QR code to watch the video before you start.

Tools needed: Phillips screwdriver or drill/driver, 8 mm hex key (spring can also be turned by hand), and the replacement SOT.

(WARNING: The left end cap holds a wound spring. When the spring is released or re-tensioned, the end cap can spin rapidly. Beware of hand injury.)



Scan to watch the video: youtube.com/watch?v=3R1xjPVmhO8

Part 1: Remove the old SOT

Step 1. Remove the right-side end caps. Remove the right-side roller cassette end cap and the pull bar end cap. Take out the plastic ring and set it aside; it goes back in during Step 6.



Step 2. Release the spring on the left side. Loosen the screws and remove the left-side roller cassette end cap. Firmly grasp the end cap and pull out the spring, then slowly loosen the end cap to let the spring unwind. Take out the spring system.

(CAUTION: The end cap spins rapidly as the spring releases. Beware of hand injury.)



Step 3. Remove the pull bar and old screen tube. Slide the pull bar out of the cassette, then slide out the old screen tube.



Part 2: Install the new SOT

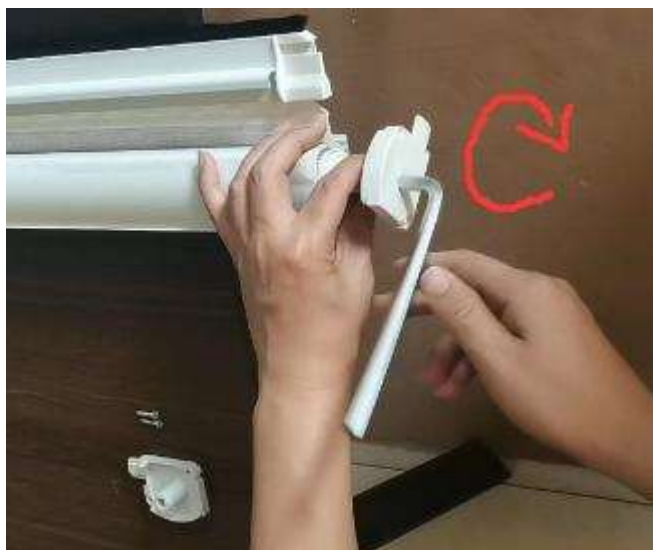
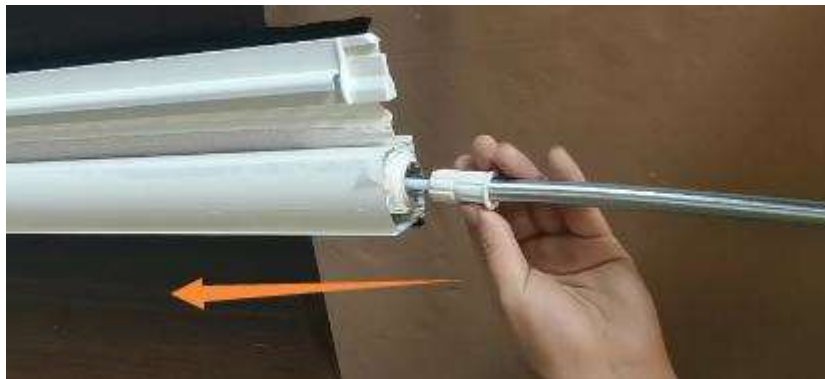
Step 4. Insert the new SOT. Slide the new SOT into the cassette, then slide the pull bar onto the SOT.



Step 5. Re-tension the spring. Insert the spring system into the left side. Turn the spring clockwise with an 8 mm hex key (or by hand) to the turn count for your unit size, then fix the cassette end cap with its screws

Unit size	Clockwise turns
79 in	11–12
91 in	13–14

(CAUTION: The end cap can spin rapidly while you turn the spring. Beware of hand injury.)



Step 6. Reassemble the right side. Insert the plastic ring, install the roller cassette end cap with its screws, then install the pull bar end cap to finish.

