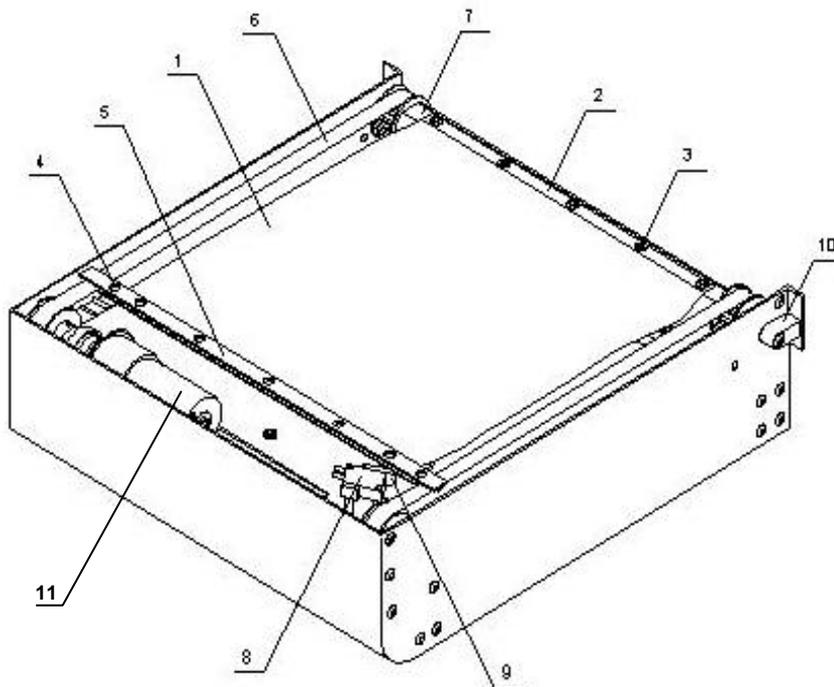


ZIP™ Shutter Curtain Replacement

Replacing the Kevlar Curtain with the Stainless Steel Curtain



#	Description
1	Curtain
2	Roller Bar
3	Screws (5)
4	Side Screws (2)
5	Clamp Bar
6	Belts
7	Roller and Pulley
8	Limit Switch
9	Limit Switch Standoff
10	Belt Tension
11	Belt Drive Motor

Figure 1. ZIP Shutter, Bottom View

CAUTION! SHARP EDGES



The edge of the stainless steel curtain is extremely sharp. To prevent injuries, always wear gloves that are resistant to cuts when handling or installing equipment.

Curtain Replacement Procedure

1. Remove the three 2-mm Retaining Screws on each side of the Lower Cover of the Shutter (Figure 2).



Figure 1. ZIP™ Shutter – Top View



Figure 2. 2-mm Retaining Screws

2. Remove the three Phillips-Head Retaining Screws on the bottom of the Lower Cover of the Shutter (Figure 3). Lift the cover off the Shutter to reveal the inner Curtain Assembly (Figure 4).



Figure 3. Phillips-Head Retaining Screws



Figure 4. Inner Curtain Assembly

3. Manually unroll the Kevlar Curtain until the Curtain reaches the Front Limit Switch. Loosen the two End Screws (Figure 6) on the pulley side to release the grip from the Drive Belt.
4. Remove the five 2-mm Retaining Screws holding the Kevlar Curtain to the Roller Bar. This will remove the Curtain Assembly from the Shutter.
5. To install the new Stainless Steel Curtain (PN 41097), affix the new Curtain to the Roller Bar first, using the five Retaining Screws. (Figure 7)



CAUTION! Use gloves when installing the stainless steel material. The edges are very sharp and can cut during installation.



Figure 5. Loosen End Screws



Figure 6. Five 2-mm Retaining Screws

- Stretch the Curtain toward the front of the Shutter. When the Curtain is fully stretched out, slide the Clamp Bar onto the Belt (Figure 8). The Curtain should be stretched short of the Front Limit Switch.

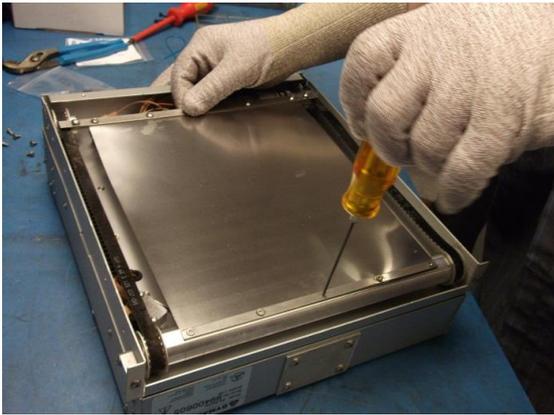


Figure 7. Install Curtain to Roller Bar with five 2-mm Retaining Screws



Figure 8. Slide the Clamp Bar onto the Belt

- Tighten both M4 x 6 mm End Screws (Figure 10).
- Manually roll up the Curtain until it reaches the Rear Limit Switch (Figure 11). If the Clamp Bar bows, loosen the screws and allow the Clamp Bar to find its natural straightness and retighten.

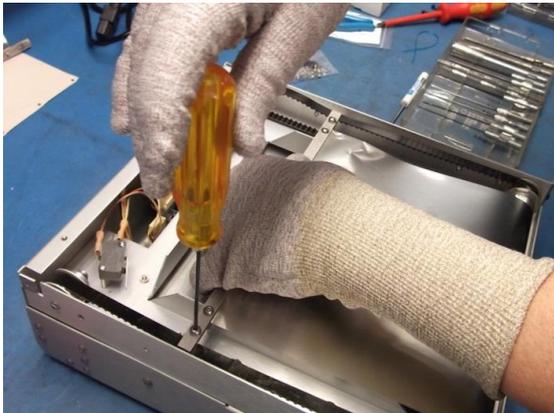


Figure 10. Tighten the M4 x 6 mm End Screws

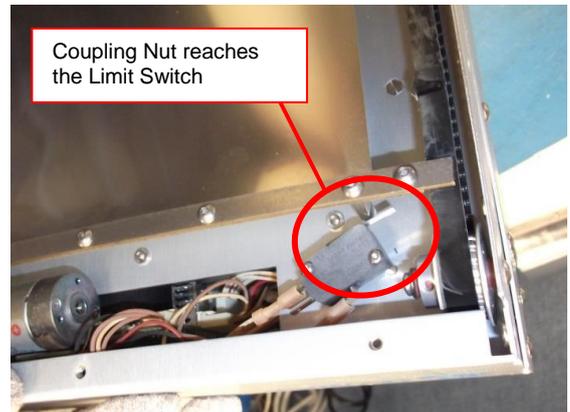


Figure 11. Rear Limit Switch

- Locate the roller-end of the Bottom Housing Plate. It contains the square notch and two location holes (Figure 12).
- Place the Protective Wear Strip onto the Bottom Housing Plate (Figure 13). Use a marker to mark the location of the two holes.



Figure 12. Roller End of the Bottom Housing Plate



Figure 13. Protective Wear Strip

- Slide the Wear Strip up and out of the way. Insert Drill Bit #30 into a Drill Head. Be sure to tighten the Drill Head to ensure that the drill does not slip during operation.

NOTE: Always wear the appropriate personal protective equipment when using power tools.

12. Use a Hammer and a Pointed Punch to create a punch mark at the marked locations.
13. Drill holes thru the two marked locations (Figure 14).
14. Place the Wear Strip back down and confirm the holes line up with the holes just drilled.
15. Install the two M3 x 6 mm Screws (Figure 15).



Figure 14. Drill Holes



Figure 15. Install M3 x 6 mm Screws into Wear Strip

16. Reinstall the Bottom Housing on the ZIP™ Shutter.
17. Set up the system according to the Shutter directions. Tighten the belt tension as needed to improve the belt performance.



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