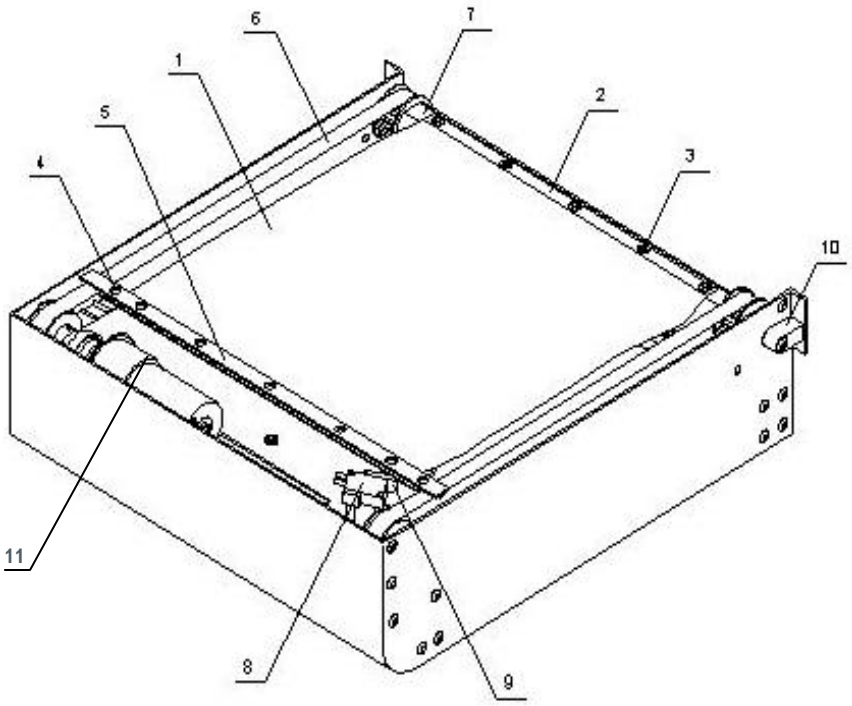
ZIP™ Shutter Curtain Replacement

Replacing the Curtain with the Stainless Steel Curtain

NOTE: These instructions are for the replacement of a Kevlar or stainless steel curtain.



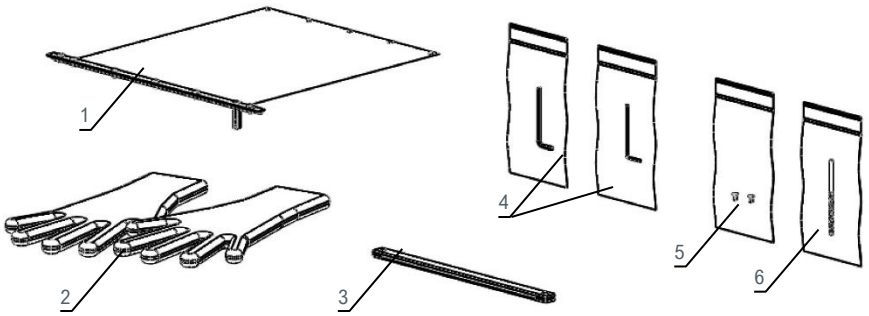
1. Curtain
2. Roller Bar
3. Screws (5)
4. End Screws (2)
5. Clamp Bar
6. Belts
7. Roller and Pulley
8. Limit Switch
9. Limit Switch Standoff
10. Belt Tension
11. Belt Drive Motor

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. We recommend, at a minimum, CE Cut Level 5 gloves (included with kit).*

Curtain Replacement Procedure

1. The stainless-steel Curtain Assembly Kit (PN 41097) will contain the items show in Figure 2. If you are replacing a stainless steel curtain, items 3, 5, and 6 are not needed.



1. SS Curtain Assembly
2. Cut Resistant Gloves (Level 5)
3.* Black Protective Wear Strip
4. Allen Wrenches
5.* M3 x 6mm Screws (Qty 2)
6.* Drill Bit #30

*Not needed if replacing a stainless-steel curtain

Figure 2. SS Curtain Assembly Kit

2. After putting on the enclosed cut-resistant Level 5 gloves, remove the three Retaining Screws on each side of the Lower Cover of the Shutter (Figure **4**). Use the 2-mm Allen Wrench provided to do so.

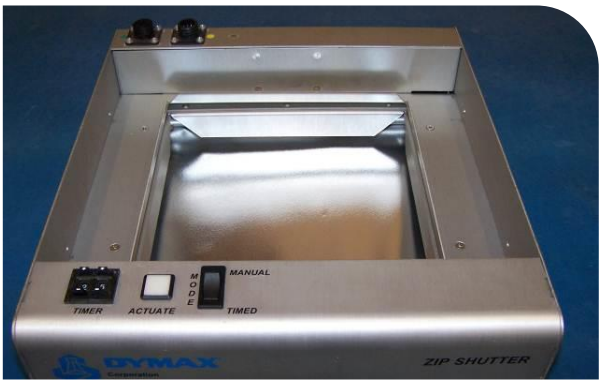


Figure 3. ZIP™ Shutter – Top View

Figure 4. Retaining Screws

3. Remove the three Phillips-Head Retaining Screws on the bottom of the Lower Cover of the Shutter (Figure **5**). Lift the cover off the Shutter to reveal the inner Curtain Assembly (Figure **6**).

Figure 5. Phillips-Head Retaining Screws

Figure 6. Inner Curtain Assembly(Kevlar Curtain Shown)

4. Manually unroll the Curtain until the Curtain reaches the Front Limit Switch. Loosen the two End Screws (Figure 7) on the pulley side to release the grip from the Drive Belt.

5. Remove the five Retaining Screws holding the Curtain to the Roller Bar. This will remove the Curtain Assembly from the Shutter (Figure 8).

6. To install the new Stainless Steel Curtain, affix the new Curtain to the Roller Bar first, using the five Retaining Screws. (Figure 9)

CAUTION! *Use gloves rated, at a minimum, CE Cut Level 5 when installing the stainless steel material. The edges are very sharp and can cut during installation.*

Figure 7. Loosen End Screws

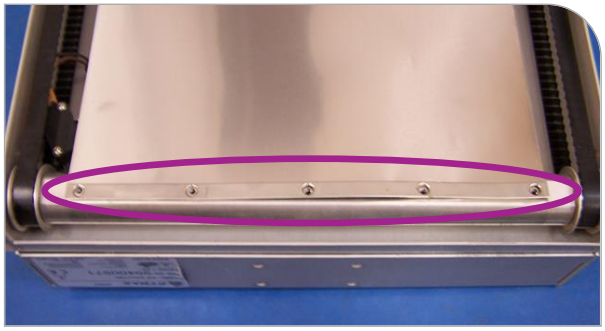


Figure 8. Five Retaining Screws

7. Stretch the Curtain toward the front of the Shutter. When the Curtain is fully stretched out, loosen the two End Screws (Figure 7) and then slide the Clamp Bar onto the Belt (Figure 10). The Curtain should be stretched short of the Front Limit Switch.

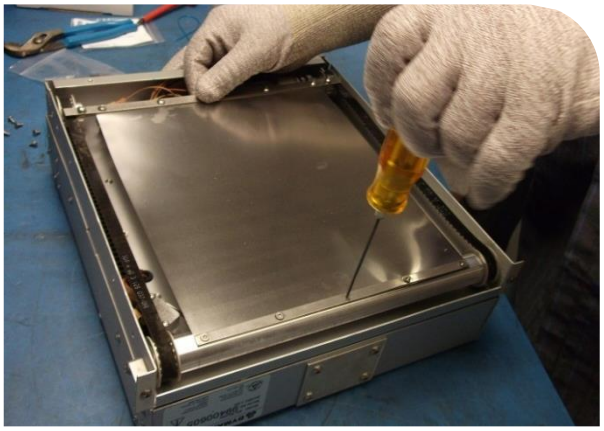


Figure 9. Install Curtain to Roller Bar with Five Retaining Screws

Figure 10. Slide the Clamp Bar onto the Belt

8. Tighten both M4 x 6 mm End Screws (Figure 11).

9. Manually roll up the Curtain until it reaches the Rear Limit Switch (Figure 12). If the Clamp Bar bows, loosen the screws and allow the Clamp Bar to find its natural straightness and retighten.

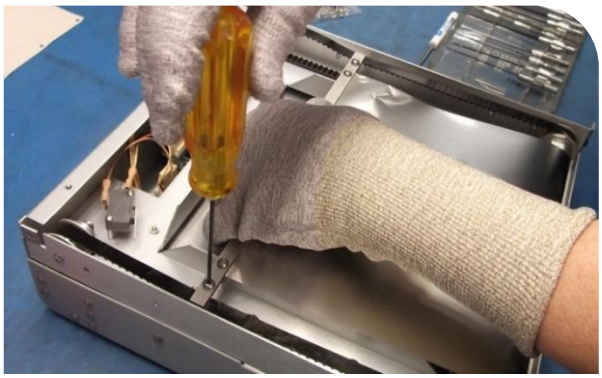


Figure 11. Tighten the M4 x 6 mm End Screws

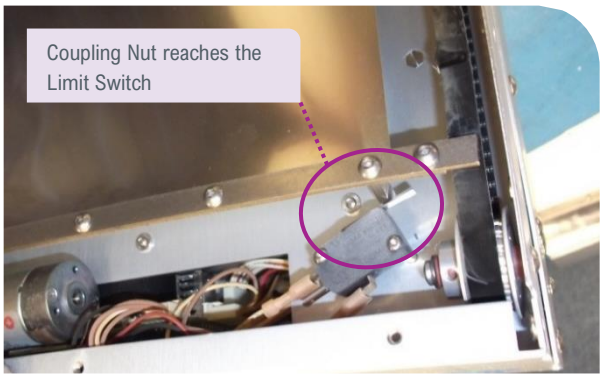


Figure 12. Rear Limit Switch

10. If changing a Kevlar curtain to a stainless-steel curtain, the following steps are needed to install the wear strips. If you are changing out a stainless-steel curtain, proceed to step 18. The wear strips should already be installed.

11. Locate the roller-end of the Bottom Housing Plate (Figure 13). It contains the square notch and two location holes.

12. Place the Protective Wear Strip onto the Bottom Housing Plate (Figure 14). Use a marker to mark the location of the two holes.

    NOTE: *Slots located on Black Protective Wear Strip.*

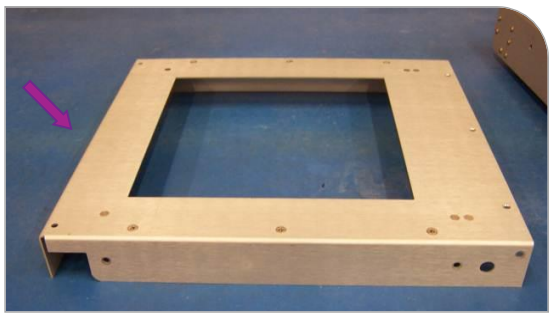


Figure 13. Roller End of the Bottom Housing Plate

Figure 14. Protective Wear Strip

13. 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.*

14. Use a Hammer and a Pointed Punch to create a punch mark at the marked locations.

15. Drill holes thru the two marked locations (Figure 15).

16. Place the Wear Strip back down and confirm the holes line up with the holes just drilled.

17. Install the two M3 x 6 mm Screws (Figure 16).

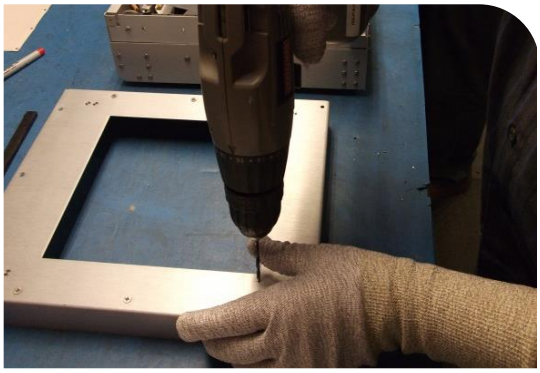


Figure 15. Drill Holes

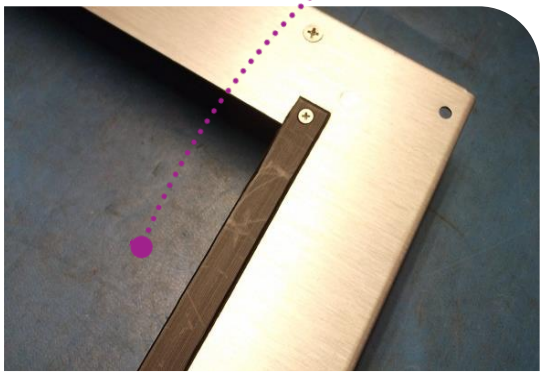


Figure 16. Install M3 x 6 mm Screws into Wear Strip

18. Reinstall the Bottom Housing on the ZIP™ Shutter (Figures 4 & 5).

19. Set up the system according to the Shutter directions. Tighten the belt tension as needed to improve the belt performance.

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