

CONVEYORS WITH OPEN TRANSITION HOPPERS FLASHING KIT INSTALLATION GUIDE

16 inch Hopper Flashing Kit Part #650506196

IMPORTANT:

If installing a new conveyor belt, cut and taper only the trailing corner of the belt. This will keep the opening as small as possible.

⚠ WARNING

HIGH SPRING TENSION

There is high spring tension on Hopper Hoop. Hold hoop securely before working on Hopper Canvas.

Sudden release of hoop will cause injury. Keep Winch locked, and cable connected.

1. Securely, strap the hopper hoop to the frame.
2. Remove the existing rubber flashing from the hopper and transition.
3. Move transition rollers as far apart as possible.
4. Tension the belt and adjust its tracking.
5. Lay the rubber side flashing down on the angled side bracket of the hopper.
 - The end with the large hole, will lay under the tail flashing.
6. Position the tail flashing over the side flashing.
7. Insert the elevator bolts:
 - First, through the flat bar inside the canvas.
 - Second, through the tail flashing.
 - Third, through the large hole in the side flashing.
 - Fourth, fasten to the tail bracket on the frame.

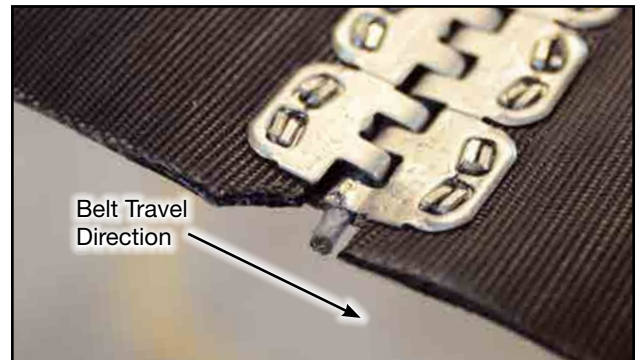


Fig 1 - Crimped lacing and tapered belt edge

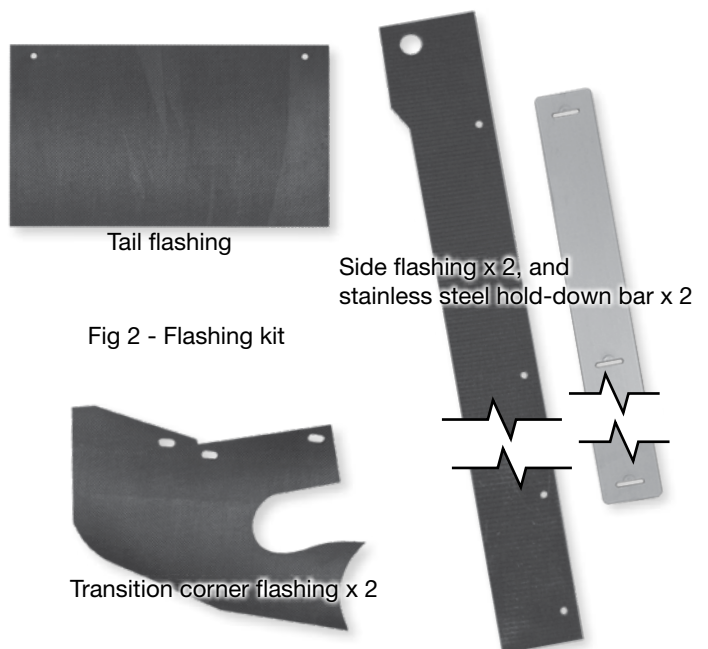


Fig 2 - Flashing kit



Fig 3 - Tail flashing on top of side flashing

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8. Lay the transition, corner flashing in place.
 - **IMPORTANT:** Work the flashing around the roller to cup it well.
9. Lay the end of the side flashing over the transition.
10. Insert elevator bolt through the flat bar inside the canvas, side and transition flashing pieces and fasten to the hopper frame.
 - Do not tighten bolts yet.
11. Fasten the rest of the canvas at the transition.
12. Sandwich the stainless steel hold-down bar between the canvas and the side flashing.
 - Align the bolt holes with the flashing and the flat bar inside the canvas.
 - Start at the centre, inserting elevator bolts and fastening them to the hopper frame.
13. Push the stainless steel bar up behind the canvas, so the bolts are at the bottom of the slots.
 - **Note:** As the side flashing wears, lower the hold-down bar to push the flashing tight against the belt.
14. Install the rest of the flashing on both sides.
 - Do not tighten the bolts yet.
15. **IMPORTANT:** Be sure the corner flashing fits tightly around the roller and deep into the transition.
 - It must cup the belt, tightly.
16. Reuse the Flashing Clamps to hold corner flashing in place.
 - Use self-tapping screws to fasten it.
17. Finally, tighten all the elevator bolts and nuts

Note:

When first running a new belt, it is normal to have pieces of rubber grind off as the belt wears in and seats itself.



Fig 4 - Transition corner flashing in place

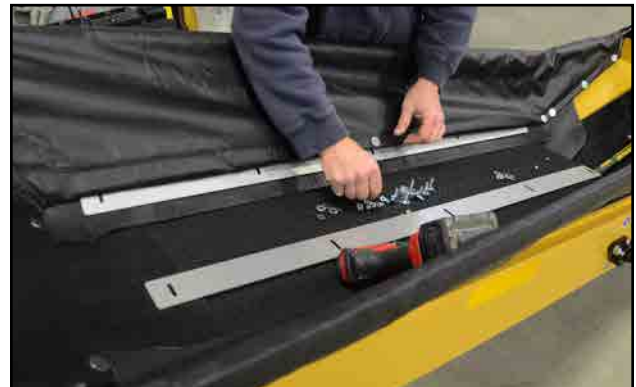


Fig 5 - Stainless steel flat bar to hold side flashing



Fig 6 - Corner flashing must fit tight around the belt



Fig 7 - Tighten bolts and install flashing clamp