FCO CA05180: Plate ledge Velcro strip upgrade

Applies to

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Background

This upgrade is intended to make plate double-picking less likely by adding friction to the surface of the plate ledge. When the plate on top of the stack is picked, the friction of the Velcro® surface prevents the next plate from coming along for the ride.

Tools and parts

- Kit 512-00193A
  1.5 m of 1-inch wide, adhesive-backed Velcro
- 690-00352A
  Plate ledge angle jig

Steps

Check the plate ledge angle

1. Use jig 690-00352A to check the plate ledge angle.
   a. Place the jig on the plate ledge at three different positions (middle and both ends), and look for gaps along the bottom or back of the jig. The maximum gap should be:
   0.3 mm at the bottom of the jig
   OR
   1 mm at the back of the jig



   b. If the plate ledge angle does not meet the above spec, replace

the plate ledge assembly (part number 50-2459A).

Apply the Velcro strips to the plate ledge

1. Ensure that the plate ledge is free of dust, debris, and fingerprints. If necessary, clean it with a lint-free cloth and 90% isopropyl alcohol.
2. Cut strips of Velcro to cover the entire plate ledge *except* the teeth assemblies, the air jets, and the tops of the push-mount cable ties.
3. Cut out square notches in the Velcro strips to go around the tops of the push-mount cable ties.
4. When you have determined that the Velcro strip is correctly cut, peel off its backing and affix it so the side the farthest away from you is flush against the 90° angle at the back of the plate ledge.

Plate ledge before Velcro upgrade:

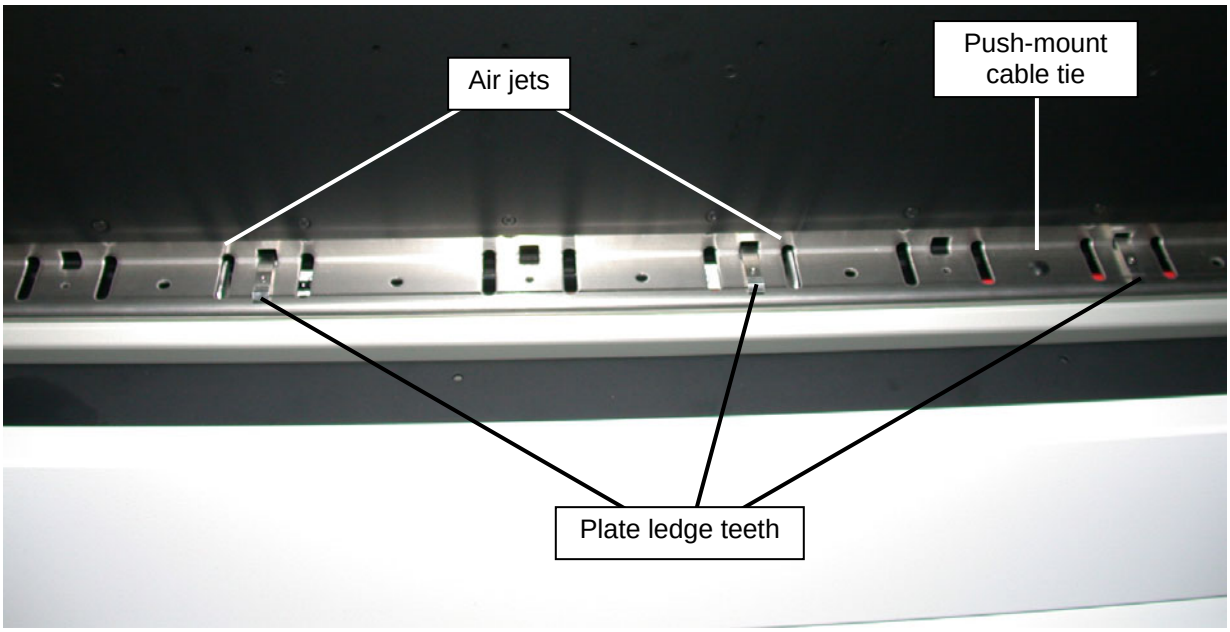
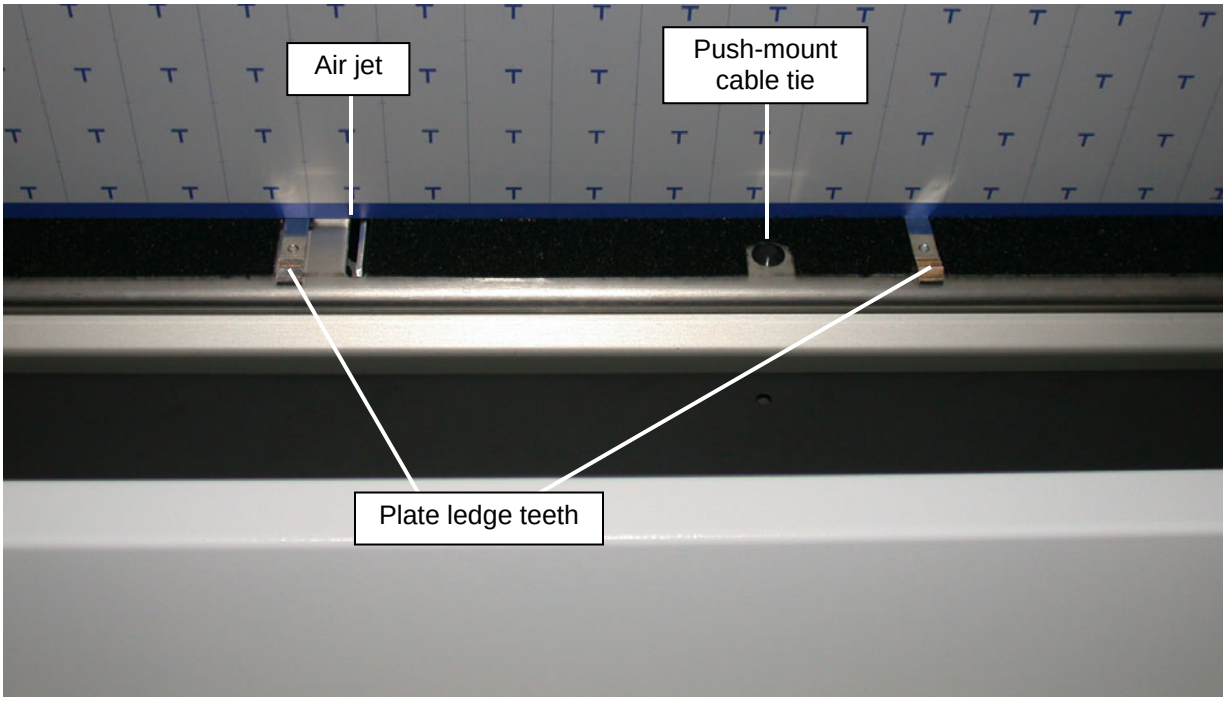


Plate ledge after Velcro upgrade:



See also "Plate Ledge" section of the Load Table Adjustment procedure

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