Replacing or Adjusting the Tailstock Pin Guide Ring

Applies to

☑ ThermoFlex Wide II

Background

The tailstock pin guide ring (57-9976A) is a plastic ring on the end of the tailstock. It guides the ball nose end of the arbor or drum into the tailstock. The tailstock pin guide ring acts a sliding surface on the tapered section of the arbor nose to raise it to a level that is acceptable to engage with the aluminum bronze bushing within the tailstock. Over time the lower portion of this tailstock pin guide ring is expected to wear therefore requiring periodic inspection, rotation, and replacement.

Tools and parts

- Allen keys

Steps

1. Inspect the ring for damage or wear. Wear could be indicated by compression of the plastic, an abraded surface on the inside bore, or evidence of material from the ball nose pins being embedded into the plastic. Any symptom requires service.
2. If the ring is damaged and needs to be replaced:
   (a) Unscrew the eight M5 screws.
   (b) Replace the ring with a new one.
   (c) Apply Loctite 222 to the screws and replace and tighten them.
3. If the ring is worn in a specific spot, then rotate it to bring a new section of the ring into play.
   (a) Unscrew the eight M5 screws.
   (b) Rotate the ring by 180 degrees.
   (c) Apply Loctite 222 to the screws and replace and tighten them.

Notes

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