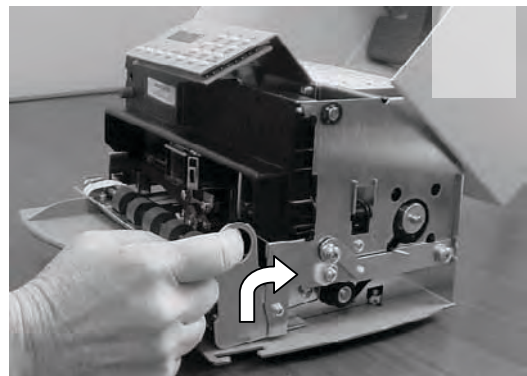
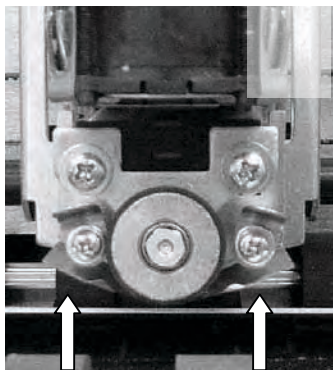
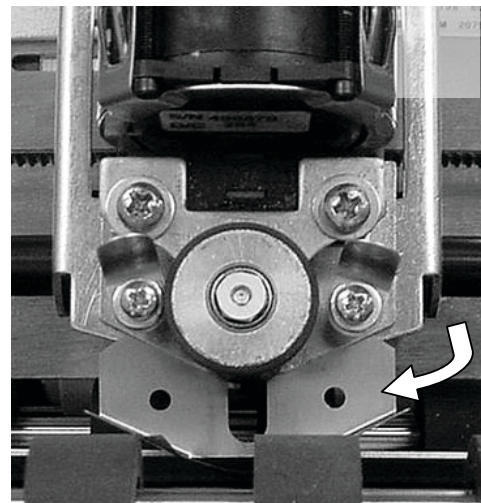
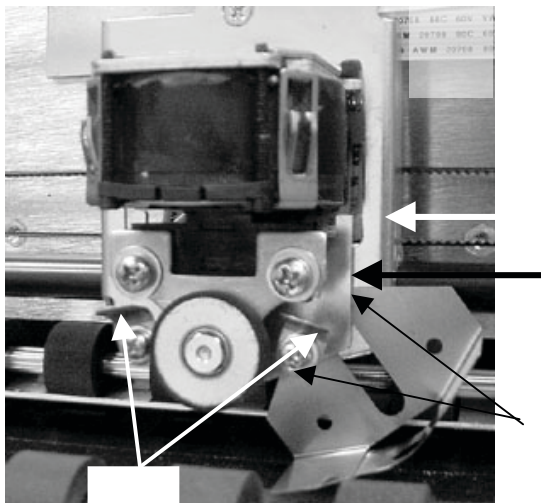
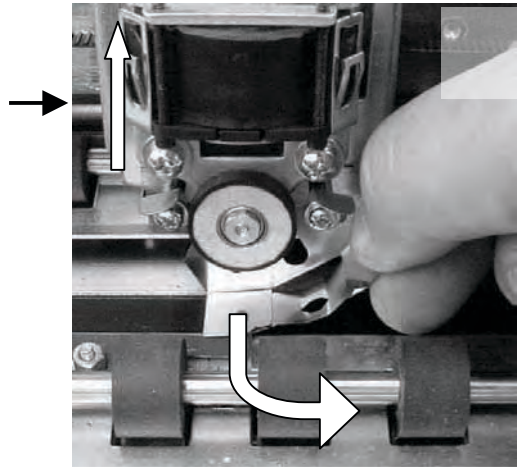
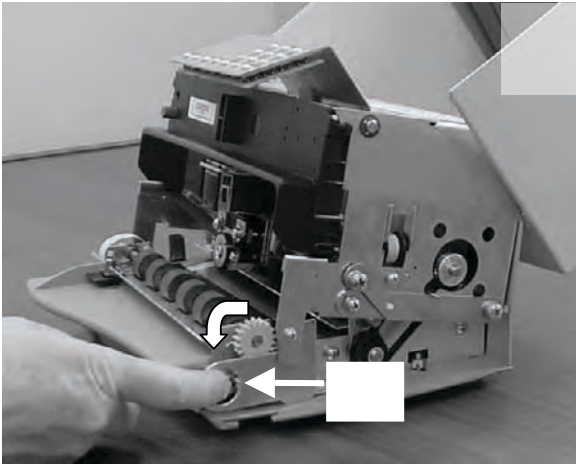


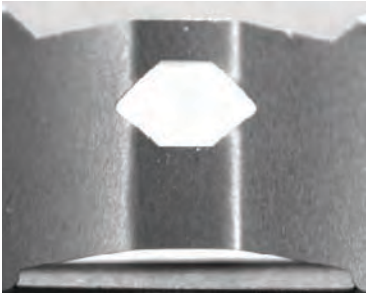
5.4.1.1 Ribbon Shield Removal / Replacement

The ribbon shield prevents ribbon fabric from rubbing on and smearing printed media. **It is a consumable.** Replace the shield every four to five ribbon replacements or when it is damaged.

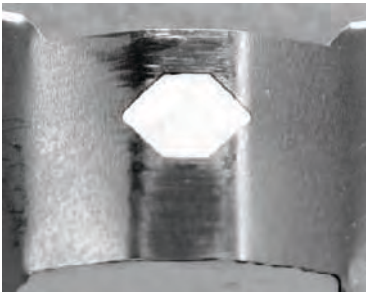


5.4.1.1.1 Ribbon Shield Face Inspection

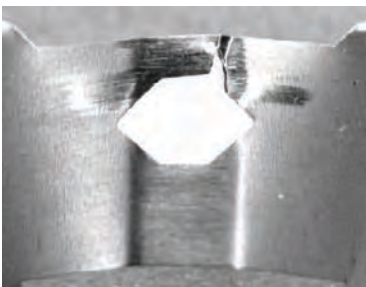
A high percentage of printers sent to Craden for repair has a ribbon shield that has reached end of life and is the primary cause of the printer's problem. Document jams, damaged documents, streaking, poor print quality, and document skewing can often be alleviated by replacing ribbon shields after four to five ribbon replacements. Below is a guide to assist in ribbon shield inspection.



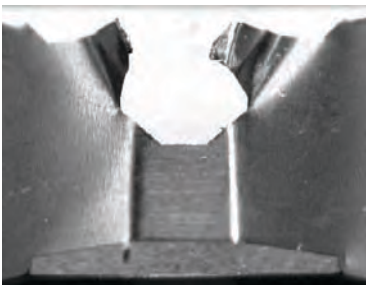
New ribbon shield. Face is smooth, no defects



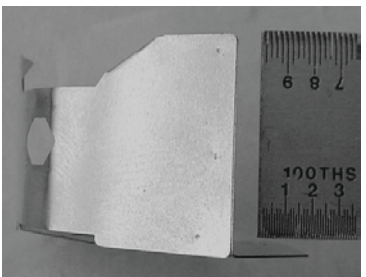
Ribbon shield at end of life. Face is scored. There is no visible damage to the six-sided opening but a breach is imminent. This shield may begin to snag documents.



Damaged ribbon shield. There is a breach in the six-sided opening. This ribbon shield will streak and tear documents.



Damaged ribbon shield. One side of the six-sided opening is missing. This ribbon shield will streak and tear every document and may scratch the platen.



The angle between the face and base (back) of the ribbon shield must be perpendicular. Ribbon shields are made of thin stainless steel and if bent can cause poor print quality or snag the ribbon fabric.