

KIC Products

Ticket Printer Cleaning Card Review

Reviewed by Russell Wigé (June, 12th 2007)

I give KIC Products new cleaning card design Two Thumbs Up

Ticket printer cleaning cards offers an easy preventative maintenance solution for the cleaning of the thermal print-head, platen roller and ticket path that is needed on the Epic 950™ ticket printer because of the lack of access to these areas.

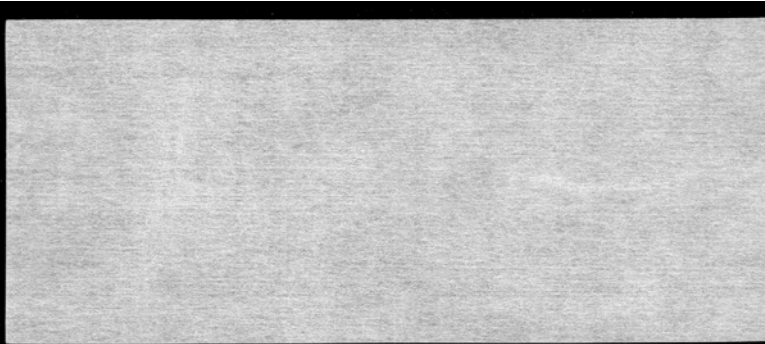
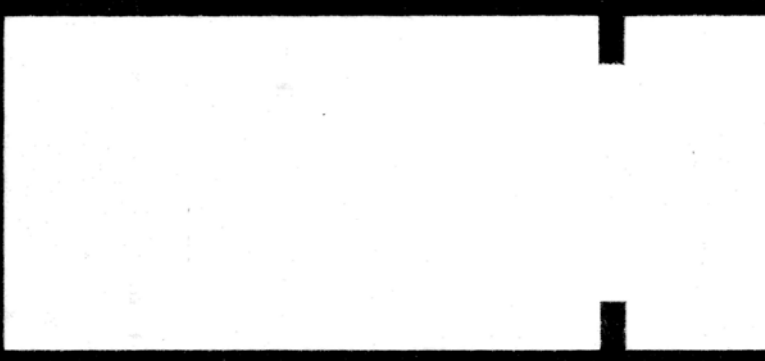
KIC Products has provided TransAct with prototypes of a new cleaning card for use with the 850 and 950 printers. The new design incorporates KIC product's Waffletechnology™ that cleans by way of staggered pressure points through the use of raised platforms on the cleaning card. Notches are cutout on both sides of the card to act as the black dots found on a standard ticket. This allows the card to be inserted up or down and aligned to Top of Form (TOF) for normal Feed operation. KIC Product has also developed a new cleaning solution that is non-alcohol based with a fast evaporation rate preventing the drying out of the platen roller while eliminating moisture.

KIC Product is well known for their cleaning products in the gaming industry and has designed custom cards for JCM for use in their note acceptors. No cleaning card design will be able to clean the Epic 950's recessed burst sensor. This could be easily resolved by designing a clear snap-in plastic lens that would be flush with the ticket path's surface and sealed from dust between the lens and sensor board with a cutout piece of foam rubber.

Action Item:

Engineering should confirm that the cleaning card's solution will not adversely affect the printer.

Old and New Style Cleaning Cards

<p>Old style cleaning card</p> <ul style="list-style-type: none"> • Over saturated w/ solution • Must be manually reverse feed into ejection roller on Epic 950 to clean rollers • 850 & 950 printers timeout when loaded (no black dot) 	
<p>New style cleaning card</p> <ul style="list-style-type: none"> • TOF cutout allows the use of the feed button to send the cleaning card all the way through the printer • Waffletechnology™ cleans better by staggering elevated presser points across the ticket path • New cleaning solution prevents drying out rollers 	

Epic 950 cleaning method used in example images below:

1. Thoroughly blow out printer using compressed air with the top cover open
2. Wipe off dust buildup within the ticket burst chamber (area under top cover)
3. With the printer powered on, load cleaning card with cutouts on leading edge
Printer aligns the cleaning card to the card's cutouts
4. Press the FEED button to run cleaning card all the way through the printer
5. Repeat steps 3 through 4 as needed (inspect ejection roller under top cover for indicator)

Before and After Cleaning Images

