KABA®

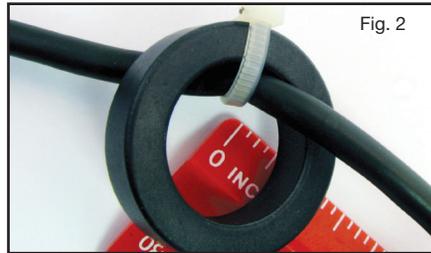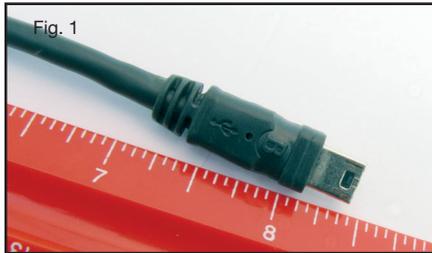# CENCON SWING BOLT
USB EMI SUPPRESSION KIT
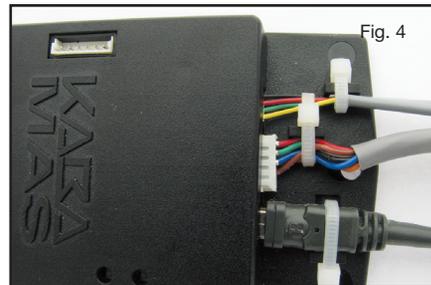### (P/N 231100)

INSTRUCTION SHEET

Kit Contents:
1. Tyrap - Qty. 2 - (P/N 43024)
2. Ferrite Bead, Tubular, 19mm, 85 OHM, RoHS (P/N 283026)

Note: *This kit should be used prior to lock installation.*

In the configuration of the Cencon Swing Bolt Lock system, a mini USB cable is required to connect the Lock to the ATM PC. The purpose of this kit is to provide the necessary materials to suppress electromagnetic interference (EMI) emitted by the USB cable. The Cable specification calls for a shielded twisted pair mini USB cable without a ferrite. (P/N 203325 Mini USB Cable can be ordered from Kaba if needed.)

Fig. 1

Fig. 2

1. Insert the mini USB end of the cable into ferrite ring with 8.5" protruding (Fig.1).
2. Tie wrap the USB cable in position (Fig. 2).
3. Wrap the USB cable around the ferrite by inserting the cable end into the ring 3 more times.
4. Pull the cable tight and tie wrap the other end in place (Fig 3).

Fig. 3

Fig. 4

Note: *Ensure that the cable is equally spaced around the ferrite ring (Fig. 3).*

5. Plug the mini USB end of the cable into the USB port of the Interconnect box.

Note: *Ensure that the cable is securely tie wrapped to the interconnect box (Fig. 4).*

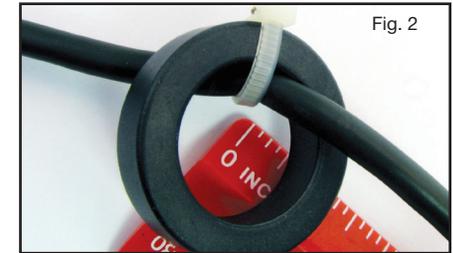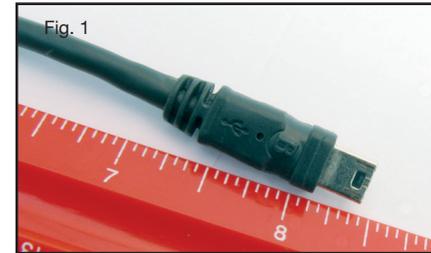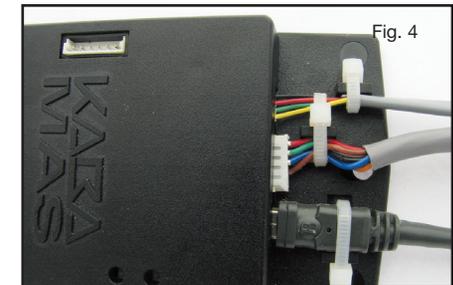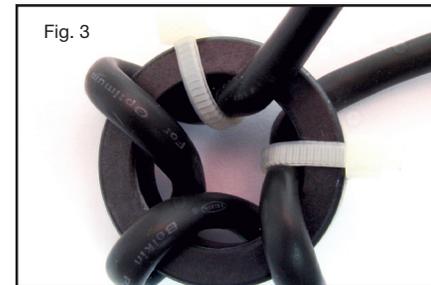6. Plug the large USB end of the cable into the ATM PC.

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