

## CyberLocks

With time, dirt or residue may accumulate on the face of a CyberLock. If foreign material builds up where a CyberKey makes contact with the lock, it may cause intermittent performance. Lack of good contact between key and lock is indicated when an authorised key (with a good battery) contacts a lock and one of the following occurs:

- the light on the key does not turn on
- the light comes on but the solenoid does not fire
- the solenoid does not hold open after firing

CyberLocks manufactured since the start of 2005 have a stainless steel contact area, like the images on the right. Please contact EKA CyberLock Technical Support for instructions on cleaning older styles of CyberLock.

### Cleaning Instructions:

- Use part number BRUSH (stainless steel brush) to scrub the nose and contact points in small circular motions for 10-20 seconds.
- Rub the face using a cotton swab with a small amount of denatured alcohol for 10-20 seconds. Replace the swab as it becomes dirty.
- Dry remaining alcohol from the face with short bursts of compressed air.
- If more aggressive cleaning is needed, use BRUSH-D with a low speed drill to clean and polish the nose and contact points for 10-20 seconds. Follow up with denatured alcohol on a cotton swab.
- When finished, the lock face should be clean as in Figure 2.
- Test with a clean key to verify reliable electrical contact.

### Warnings:

- *Never scrape the contacts with a sharp tool; this may cause damage.*
- *When cleaning a CyberLock, DO NOT use sprays or lubricants.*
- *Do not use petroleum based products or WD-40.*

## CyberKeys

### Cleaning Instructions:

- Remove foreign material like lint or dirt with a toothpick or small tool.
- Retract the BRUSH, place on a contact pin, and twist until pin is bright and shiny. Repeat the process on the other two pins.
- Use a cotton swab to rub the pins with a small amount of denatured alcohol to thoroughly remove contaminants and debris, typically 10-20 seconds. Replace the swab if it becomes dirty.
- Dry remaining alcohol from pins with short bursts of compressed air.
- Test with a clean lock to verify reliable electrical contact.

**Warning:** *Do not use cleaners or other liquids when cleaning a CyberKey.*

**If these procedures fail to provide satisfactory results, please contact EKA CyberLock Technical Support.**



Figure 1 – Dirty Lock Face



Figure 2 – Clean Lock Face

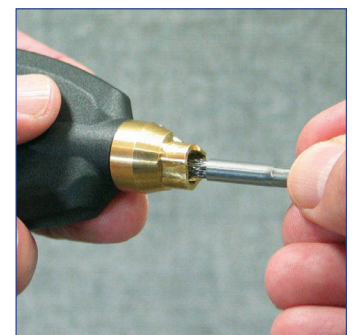


Figure 3 – Place retracted BRUSH on pins and twist



Figure 4 – Clean pins