

MEDECO XT PREVENTATIVE MAINTENANCE

PROTECTING YOUR INVESTMENT



ASSA ABLOY, the global leader
in door opening solutions

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Congratulations, you have invested in one of the most advanced electronic locking systems on the market. Now you want to make sure you protect your investment by following our recommended maintenance procedures in this document. This will help ensure that your Medeco XT Intelligent Key and locking system will provide years of faithful service.

Quick Reference Guide Updated: Feb. 11, 2016

Important NOTE: Use of anything other than the recommended tools and cleaners listed below may result in poor product performance, a much shorter system lifespan, and may void the product warranty.

Recommended Items

Medeco XT Preventative Maintenance Items

- **Small Bristle Brush** (non-metallic bristles – Medeco P/N: CP-286180)
[WARNING: the use of brushes that contain metallic bristles are not recommended and may void your warranty]
- **DeoxIT Contact Cleaning Pen** (Medeco P/N: CP-301290) (can be purchased at Amazon.com, Grainger, and other online vendors)



- **DeoxIT D100S Spray** (Medeco P/N: CP-301350) (can be purchased at Amazon.com, Grainger, and other online vendors)



- **Fluid Film corrosion protection** (can be purchased at Amazon.com, Grainger, and other online vendors)



- **Shop Towel** (Medeco P/N: CP-286170)
- **Medeco Embroidered Nylon Carry Case, Black** (Medeco P/N: EA-500030)

Keys

For most applications, the key contact pins should be cleaned every 6-12 months or as needed. Keys that are generally used outdoors or in areas of harsh environment (indoor pool areas, waterfronts, heavy industrial traffic, etc.) and during periods of extreme inclement weather may be required to be cleaned on a more frequent basis.

Cleaning Interval: 6-12 months

Clean the pins and key tip using the DeoxIT Cleaning Pen or DeoxIT Spray and the cleaning brush. Use a shop towel (or standard cotton swab) to assist in cleaning and removing excess cleaner from the contact pins.

Cleaning with the DeoxIT Cleaning Pen

1. Press the tip of the pen on a clean surface until saturated.
2. With the pen tip saturated, gently rub the tip of the contacts located inside the key tip.
3. Clean around the pins in the tip of the key to remove any accumulations of debris, grime, etc using a small bristle brush or cotton swab.
4. While cleaning the contacts, gently press the contacts into the key for several cycles using the end of the cleaning pen or cotton swab. *Care should be taken not to apply sideways pressure onto the contact pins as this may damage the pins.*
5. Repeat steps 1-4 until clean.
6. Complete the cleaning process by removing excess cleaner using the shop towel or cotton swab.
7. Apply a light coating of Fluid Film to protect the contacts. Apply to the cloth first and then wipe the contacts.
8. For longer periods of storage, store the key with the key tip positioned in a downward position to enhance drying and to prevent moisture from accumulating around the contact pins.

Cleaning with the DeoxIT Cleaning Spray

1. Apply one burst of DeoxIT Spray to a small bristle brush, allowing the solution to “wet” the bristles.
2. Using the brush, gently rub the tip of the contacts located inside the key tip.
3. Clean around the pins in the tip of the key to remove any accumulations of debris, grime, etc with the brush or cotton swab.
4. While cleaning the contacts, gently press the contacts into the key for several cycles using the end of a cotton swab. *Care should be taken not to apply sideways pressure onto the contact pins as this may damage the pins.*
5. Repeat steps 1-4 until clean.
6. Complete the cleaning process by removing excess cleaner using the shop towel or cotton swab.
7. Apply a light coating of Fluid Film to protect the contacts. Apply to the cloth first and then wipe the contacts.
8. For longer periods of storage, store the key with the key tip positioned in a downward position to enhance drying and to prevent moisture from accumulating around the contact pins.

Cylinders

For indoor applications, the face of the cylinder and the contact surfaces located on the cylinder face should be cleaned generally every 6-12 months or as needed.

For outdoor applications or in areas of harsh environment (indoor pool areas, waterfronts, heavy industrial traffic, etc.) and during periods of extreme inclement weather, more frequent maintenance may be required.

Cleaning Interval: Interior - 6-12 months; Exterior - As Needed

The contacts on the cylinder face should be cleaned using DeoxIT cleaning Pens and a towel.

Cylinders may also be cleaned using DeoxIT spray and a soft bristle brush.

1. Using the DeoxIT cleaning pen, gently depress the pen tip against the contacts until the pen tip is saturated allowing the solution to "wet" the contact.
2. With the contacts "wet", rub the contact surfaces clean using a towel to remove any accumulation of oxidation, grime, etc. or any excess cleaning fluid.
3. Inspect the contact surfaces. If black residue, grime, etc. are visible on the contacts and/or cylinder face, apply DeoxIT Cleaning Spray to a soft bristle brush and clean the cylinder face with the brush. Repeat steps 1 and 2 until clean.
4. Apply a light coating of Fluid Film to protect the contacts. Using the aerosol version, apply a quick spray and then wipe gently with a dry cloth. The Fluid Film can also be applied to the cloth first and then used to wipe the contacts.