FINISH MAINTENANCE AND CARE

CAL-ROYAL RECOMMENDS THAT THE UNIT AND ITS FUNCTIONS BE TESTED REGULARLY

Despite excessive testing, and due to but not limited to, any or all of the following; electrical or communications disruption, criminal tampering, it is possible for the unit to fail to perform as expected. CAL-ROYAL does not represent that the product may not be compromised or circumvented; or the product will prevent any property loss, personal injury, robbery, fire or otherwise; nor the product will in all circumstances provide adequate warning or protection. A properly installed and maintained locking device may only reduce the risk of burglary, robbery, fire or otherwise, but this is not an assurance that these events will not occur. Seller shall have no liability for any loss, property damage, personal injury based on a claim that the unit/product failed to give warning. It is therefore the obligation of the installer to advice or inform the consumer to take any or all precautions for his or her safety including, but not limited to, fleeing the premises and calling the proper authorities in order to mitigate the possibilities of harm, injury and/or damage.

CAL-ROYAL is not liable of either the property or safety of the user's family, employees, and limits its liability for any loss or damage including incidental or consequential to CAL-ROYAL's original selling price of the product regardless of the cause of such loss or damage.

Products will not be accepted for repair or replacement under this warranty unless we have given prior authorization for their return. Upon receipt of products returned for repair or replacement, we will determine whether products qualify for repair or replacement under this warranty; if they do not, we will notify the customer of estimated cost of repair or replacement involved and will obtain authorization prior to proceeding. We have no liability to pay any cost of repair performed by anyone other than us, unless in each instance we have given prior written approval of such repair in which case we will pay what we consider to be reasonable cost thereof.

In the event of a defective product, contact the security professional who installed and maintains your security system. In order to abide by this warranty, the defective product must be returned by the security professional, shipping costs prepaid and insured to CAL-ROYAL. After replacement or repair of the product, CAL-ROYAL assumes the cost of returning products under warranty. CAL-ROYAL shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subject to accident, nuisance, flood, fire or acts of nature. CAL-ROYAL will not be responsible for any dismantling, reassembly or re-installation charges.

All materials and finishes meet ANSI / BHMA standards at time of shipment. We do not warrant fixes exposed to hostile environments (including saltwater), such defect has been caused by corrosion or ordinary wear and tear.

This warranty and remedies set forth above are exclusive and in lieu of all others, oral or written, expressed or implied. No dealer, distributor, agent or employee is authorized to make any modification or addition to this warranty.

Some states do not allow the exclusion or limitation of implied warranties or limitation of liability for incidental or consequential damages, so the above limitation or exclusion may not apply to you.

FINISH CARE

Finishes on all products are produced to the highest quality standards to ensure they stay in perfect order year after year. However, some finishes can deteriorate if they are exposed to corrosive vapors, coastal air, salt spray or high humidity. Brass finishes are susceptible to tarnishing if they come in contact with air, moisture or wet paint, particularly in exterior locations. To overcome this, it is wise to coat all external brass finishes with a non-abrasive furniture or car wax immediately after installation, and to remove all locks before painting doors. Regular wiping with a soft cloth, occasional polishing with a non-abrasive furniture or car wax and take care not to scratch the protective finish on brass fittings will also prevent tarnishing.

- US3 (Polished Brass), US4 (Satin Brass), US5 (Antique Brass), US10 (Satin Bronze), US10A (Antique Bronze), US15 (Satin Nickel), US15A (Satin Nickel Oxidized), ALUMINUM, DURO, GOLD lacquered or clear-coated finishes can simply be cleaned by wiping with a clean soft damp (not wet) cloth. A mild soap may be lightly used if very dirty. Particular care should be taken to avoid using lacquer thinners, caustic soaps, abrasive cleaners or polishes as these could damage the coating and result in tarnishing. Initial care for finishes requires only periodic cleaning with mild non-abrasive soap and light buffing with a soft cloth.
- PVD (Physical Vapor Deposition) is a technologically advanced finish coating that provides the most surface protection against environmental elements and everyday wear and tear. PVD matches clear-coated finishes in appearance, yet surpasses them in durability. PVD finishes protect against corrosion, tarnish, wear, discoloring

and peeling for the lifetime of the part to which it has been applied. This kind of finish can be maintained by wiping with a clean soft damp cloth.

- US10B (Oil Rubbed Bronze) finishes can be wiped with a small amount of vegetable or mineral oil on a soft cloth. Excessive oil may cause residue to come off on contact with hands or clothing materials and would even attract dusts that would eventually become grime. Household detergents and mild abrasive powder may be used to restore the high metal color without seriously affecting the original compound of the metal. Then rub with a paste of wax.
- US26 (Bright Chrome), US26D (Satin Chrome), US32 (Stainless Steel) and US32D (Satin Stainless Steel) can be maintained by wiping with a clean soft damp cloth. A high-grade chrome polish may be used according to directions to clean and restore the original shine and satin finish.
    - Depending on the environment where the product is used, blemishes can appear on stainless steel products to help prevent this occurring, clean once a month. Blemishes on satin stainless steel may be removed by rubbing with a suitable stainless cleaner/polish wadding polish. Ensure rubbing occurs in the same direction as to the grain itself.

MAINTENANCE

Cal-Royal Locksets, Exit Devices and Door Closers were designed and manufactured to be maintenance-free under normal operating conditions and environments. Exposure to extremely heavy traffic and/or particularly dusty and dirty environmental conditions, however, may eventually cause unsatisfactory operation due to slow-moving parts or sticking cylinders. In this case, it may be necessary to clean and re-lubricate the lockset to maintain optimum performance.

Locksets

- To clean the lockset mechanism, use a non-corrosive substance or a penetrating or solvent type lubricant to loosen sticking components, then lubricate with lithium grease, silicone or Teflon based lubricant
- Do not use lubricant in cylinder (oil or aerosol type)

Cylinders

- When key becomes “sticky” in cylinder, you may sprinkle a small amount of graphite onto the key and then insert the key inside cylinder
- To free sticking or jammed cylinders, lubricate with graphite or a non-oily lubricant (such as Lock-EZE)
- Do not use petroleum-based lubricants in the cylinder keyway. WD-40 or oil will collect dirt over time, and a liquid might even freeze in the lock if weather is cold enough. Graphite is the common choice, the powdered version of molybdenum disulfide would work as well
- Do not use lubricant in cylinder (oil or aerosol type)

STAINLESS STEEL - CARE & MAINTENANCE GUIDE

Stainless steel is a high class material which guarantees longevity and minimal wear. However, stainless steel does not mean “stain” free. It can weather a lot of corrosive environment, but will inevitably succumb to some form of corrosion, including patch rusts.

The main difference between a stainless steel and carbon steel is the amount of chromium present. Carbon steel rusts immediately when exposed to air and moisture. It may take longer for stainless steel to corrode, but it will definitely do if not properly maintained.

We recommend cleaning with available commercial cleansing agents. Avoid using steel wool, steel brushes or similar accessories when cleaning as these harm the protective surface and extraneous rust may arise from the abrasion.

Some commercial products are also available that provides a non-stick protective coating that seals the surface, allowing for easier cleaning and maintenance like:

- EnduroShield Stainless Steel Coating
- Sprayon Stainless Steel Protective Coating
- ProtectaClear, by Everbrite

NOTE: Cal-Royal does not sell these products.