

Sabre products are all made with quality materials and workmanship. It is with regular care and maintenance that these products will continue to perform as intended.

Periodic product inspections and maintenance must be carried out after installation. The product's environment and frequency of use will determine how often the maintenance will need to be carried out. If this is unknown, a visual and physical inspection should be carried out every 6 months as a minimum.

When exposed to environments that are of high risk of airborne salt deposits such as coastal areas, more frequent care and maintenance will be necessary.

Below are some recommended maintenance tips for common product groups, remembering that as much care as possible should be taken when the product is initially installed. Damage caused during installation, from general wear and tear or due to harsh environments are not covered by warranty.

### **Locks and Locksets**

Care should be taken to keep components free from debris and dirt during installation as this is a common cause of malfunction and will not be covered by warranty. When carrying out inspections, check that the door and frame are aligned and that hinges have not been subject to excessive wear causing the door to drop. It is common for door locks and locksets not to engage in strike plates due to these contributing factors. Lubricate latches with silicone-based aerosols ensuring the latch operates smoothly and retracts fully when depressed in or operated by handle and key.

### **Keyed Cylinders**

Keyed cylinders should be kept free from dust and debris. The use of a dry lubricant is the best option as wet lubricants often capture dirt and grime. Dry lubricants like powdered graphite inserted in the keyway of your cylinder will allow your key to be inserted and removed easily. If this is not affective Sabre would recommend contacting a professional locksmith to service your keyed cylinder or lockset.

### **Hinges**

Hinges are commonly referred to as the spine for your door. So making sure all hinges are aligned vertically is crucial for your door to swing and operate freely. Careful consideration should be taken to ensuring you have the correct type of hinge and the correct quantity depending on your door weight. Note that the more hinges you install on your door the more difficult it becomes to keep your spine aligned. It is also important that all screws on your hinges are fully tightened without over tightening to reduce any damage the screw head. Damaging the screws head will make it difficult to remove or tighten in the future. Using suitable machine oil is best for lubrication.

### **Door Closers**

Door closers can often be assumed for closing doors for all the wrong reasons. Before you install any door closer it is important the door operates smoothly and efficiently. Installing a door closer on a door that doesn't operate efficiently can add additional stress to the door and other hardware already installed, especially the hinges in turn reducing their operating expectancy.

## **Door Furniture and Handles**

Door furniture and handles should be checked to make sure all fixing screws including grub screws are tight without over tightening. Having loosely fitted door furniture and handles can affect the operation of locks and may even cause injury to operators if they become too loose.

## **Stainless Steel Products**

Stainless Steel products are commonly viewed mistakenly by many as being maintenance free. Yes, Stainless steel is a durable and lower maintenance material when you compare it to brass and other soft finishes. However stainless steel still requires care and maintenance and can be affected when cleaned with commercial cleaners containing acids and bleaches (chloride). Harsh abrasives, like steel wool should be avoided as these do scratch the surface and leave carbon steel particles behind causing contamination leading to rust.

Stainless steel is best maintained by regularly washing with a damp soft non-scratch cloth or sponge. This helps remove dirt and salt deposits from its surface. It is also advised to dry again with a soft cloth removing any unsightly water marks. If marks do occur, there are some specialist stainless steel cleaners available. Remember when cleaning always clean with the grain and not against as this can affect its shine and leave a rough surface.