

Maintenance, Assa Electromechanical locks

Maintenance for Assa Solenoid- and Motor locks and Solid electric strikes

General Maintenance, Assa electromechanical locks



Correct voltage

Assa electromechanical locks shall be supplied with DC Voltage, maximum $\pm 10\%$ deviation from rated level



Accurate fitting

Follow supplied instruction or manual thoroughly to maintain characteristics of lock or strike



No filings

If adjustment is needed, please first disassemble lock or strike from door or frame



No paint

Paintwork should be done before assembly



Not water resistant

Warranty fails if product is:

- Wrong assembled
- Opened by unauthorised personnel (broken seal)
- Fitted with accessories or parts not supplied by Assa

Specific maintenance Solid Electric strikes

- To maintain characteristics of a Solid Electric strike, the strike should be:
 - Aligned with forend of lock case
 - Fitted with a 3 mm \pm 1mm gap between faceplate of strike and forend of lock case
 - Fitted with a 1 mm \pm 0,5 mm clearance between the lock's latch and the inner face of the pivoting staple
- Approximately twice a year, a small amount of designated grease can be applied on pivoting staple. Highly frequented doors may need maintenance with shorter intervals.
- Electric parts need NO maintenance
- A protective diode (e.g. 1N4003) should be connected as close to the coil as possible. This is necessary to protect superior system from transients (peaks)
- To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment:
 - Lock case and strike plate
 - Lock accessories (Lever handle, thumb turn etc.)
 - Hinges, framework and door threshold (sill)
 - Door closer

Specific maintenance Solenoid- and Motor locks

- Approximately twice a year, a small amount of designated grease can be applied on latches and bolts. Highly frequented doors may need maintenance with shorter intervals.
- Electric parts need NO maintenance
- To maintain desired operation and security level of installed unit, it is of great importance to check and adjust the entire door environment:
 - Lock case and strike plate
 - Lock accessories (Lever handle, thumb turn etc.)
 - Hinges, framework and door threshold (sill)
 - Door closer

If any uncertainty regarding installation, maintenance or warranty occurs, please contact Assa AB or your local supplier

