

Maintenance Quick Guide - General Overview

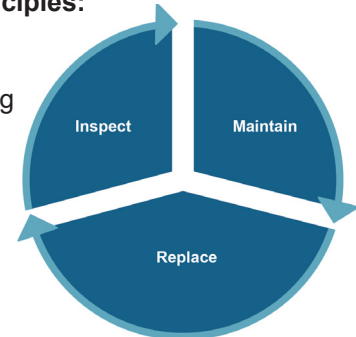
Key Principles

The Fortress range covers many applications, with different maintenance requirements. This guide contains general instructions to prolong product life, and recommends applying three general principles:

Inspect regularly. Fortress recommends maintenance every 1,000 cycles, or twice annually at minimum. Different applications will require increased maintenance schedules. Promote reporting from operators as part of best practice.

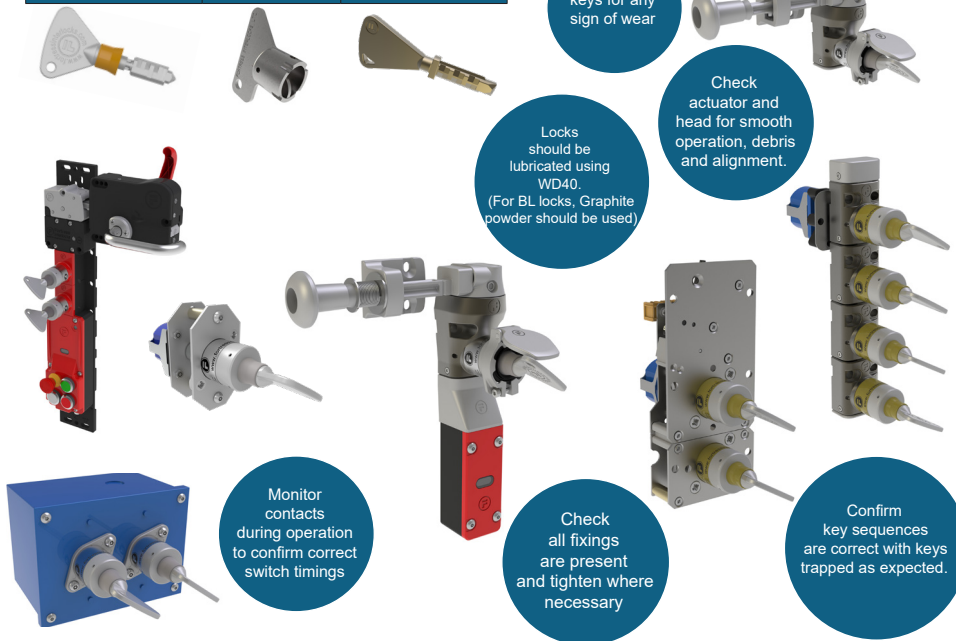
Maintain your units in order to increase unit lifetime and avoid downtime. Lubricate and check tightness of fixings whilst confirming unit function.

Replace units when necessary; units approaching the end of their operating life require increased levels of maintenance, any units showing damage should be replaced.



General Checks

Keys		
CL	BL	SL



- 1. Correct Function**
- Check the unit functions as expected, both mechanically and electrically.
- 2. Secure Fixings**
- All fixings should be present and secure. Ensure none have been removed.
- 3. Debris and Wear**
- Remove any debris.
- Check for any sign of wear.
- 4. Lock Lubrication**
- Lubricate lock mechanisms using WD40 or equivalent. BL model locks require graphite powder.
- 5. Wired Connections**
- Inspect wiring for any loose terminal connections.

Repeat Original Commissioning Checks Including:

- 1. Mechanical commission test.**
 1. Isolate electrical supplies.
 2. Insert all keys if relevant.
 3. Check that all keys or actuators are trapped.
 4. Manually override the mechanism if a solenoid is present.
 5. Check the unit is operating smoothly in the correct sequence.
- 2. Complete Electronic commission test.**
 1. Check that all switches are in the correct state as per corresponding wiring diagrams.
 2. Monitor all switches to confirm switch timing.
 3. Apply voltage to the solenoid and confirm switch states.
 4. Remove keys and/or actuators whilst confirming switch states.

Refer to Fortress Operating Instructions or contact technical.support@fortressinterlocks.com

Fortress Support

Training



Remote or in person training on product, installation, or maintenance

Site Survey & Maintenance



On site review of current installation with report on any required actions.

Risk Assessments



Fortress and associated partners can support in the assessment of applications