

Knife Edge Door Maintenance Procedure



European EMC Products Ltd

Scheduled Maintenance

- Weekly :** Visual inspection of both knife edge and beryllium copper finger contacts.
- Monthly :** General cleaning of knife edge and beryllium copper finger contacts with a good quality solvent based cleaner, or white spirit and a soft, lint free cloth.
- Excessive grime may be removed by lightly abrading with a fine grit carborundum block then applying solvent based cleaner.
- After cleaning lightly apply a contact spray (typically : WD 40) **DO NOT USE TO EXCESS.**
- Six Monthly :** Fully degrease and thoroughly clean knife edge and finger contact housing.
- Inspect latch, clean and lubricate as necessary. (Electrolube contact treatment grease 2GAX).
- Lubricate hinge pins and shoot bolts, with a light mineral oil.
- Damaged or broken lengths of finger contact strip may be repaired or replaced in situ. However, the maximum length should be limited to 100mm.
- For lengths in excess of 100mm the door should be removed (see Note 3), and placed on trestles for the repair to be effected.

NOTES

The main cause of RF/EMP Door performance failure or degradation is DIRT.

The use of lubricants will lead to retention of dust particles, therefore a regular cleaning schedule should be employed to reduce the risk of damage to the knife edge and finger contact.

To remove door to effect repair, withdraw hinge pins with door in open position.

NEVER UNDER ANY CIRCUMSTANCES MUST THE HINGE ELEMENTS BE REMOVED FROM THE DOOR OR FRAME AS TO DO SO WILL NEGATE ANY EEP WARRANTY AND WILL CAUSE DAMAGE TO DOORS

Recommendations

Shield performance tests should be carried out annually wherever possible.

European EMC Products Limited

Unit 8 : Saffron Business Centre : Elizabeth Way : Saffron Walden : Essex : CB10 2NL

Registered in England Number 3209118 : VAT Number 676 5479 78

Tel + 44 1799 523073 : Fax + 44 1799 521191

Email : info@euro-emc.co.uk : Web : <http://www.euro-emc.co.uk>