

Maintenance Instructions

Electronic Coin Selector

EMP 8x0 v5

EMP 8x0 v6

EMP 8x0 v7

- version 2.00 -



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Safety Precautions

You are advised to observe the safety information during operation, maintenance and repairing of electronic coin selectors of the EMP 800 series. Failure to do so may result in warranty and other claims being excluded.

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The Company would be very grateful if any accidental inaccuracies could be pointed out to us with any other constructive criticism which might lead to a better understanding.

1. Introduction

The EMP 800 is an extraordinarily robust coin selector and operates relatively maintenance free. However, it should be cleaned at regular intervals especially if it is operating in an environment with high levels of dust, smoke or nicotine. The cleaning intervals are of course dependent on the level of air borne contaminants.

1.1. Cleaning

Modest use with minimum contaminant levels indicate the need to clean the top of the coin path once a year. Open the coin path door and wipe the exposed surfaces with an alcohol moistened cloth. Also lukewarm water with a little washing-up liquid may be used. It is important that no dirt is pushed inside the openings of the optical sensors. The light sensors may be cleaned with a soft brush or air duster spray.



Make sure that the coin selector is without power during the cleaning.

Use a damp not wet - cloth. Under no circumstances liquid should run into the coin selector.



Avoid solvent or abrasives which may affect the plastic material.

Never use an oily rag! Never lubricate the solenoid, hinge joints etc.!

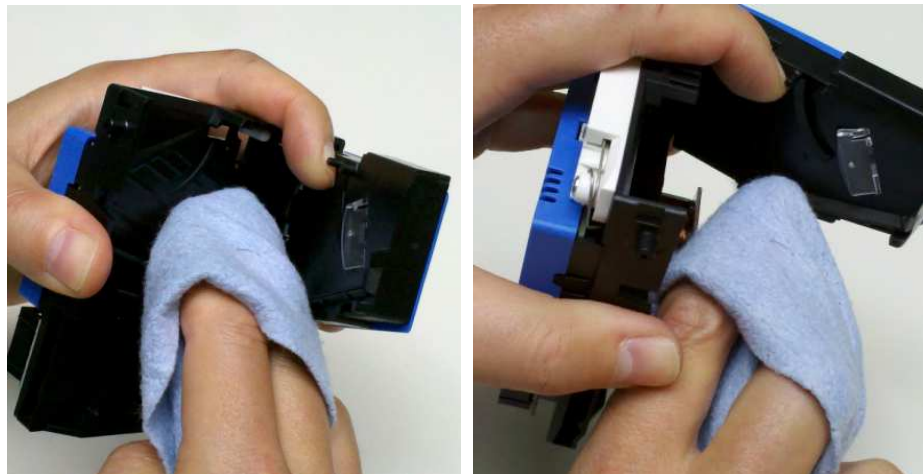


Fig. 1: Cleaning the coin flap and rail of EMP 800v7 with a soft cloth

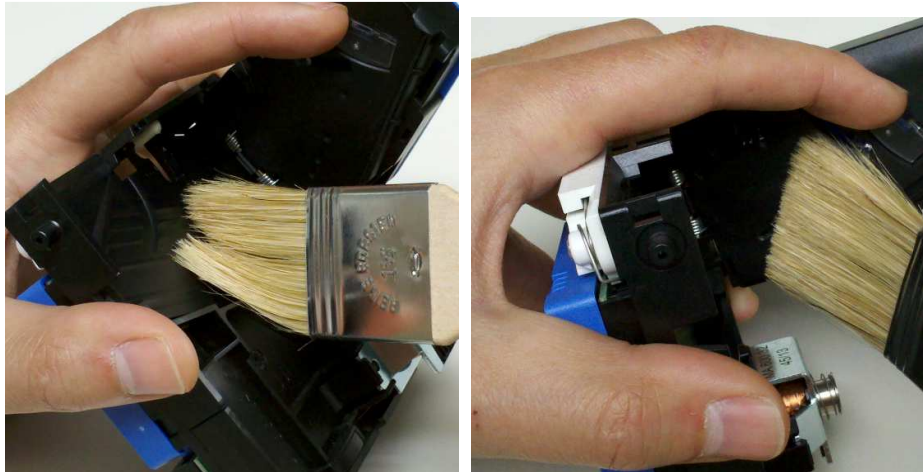


Fig. 2: Cleaning the coin path of EMP 800v7 with a brush



Fig. 3: Cleaning the coin flap and rail of EMP 800v6 with a soft tool

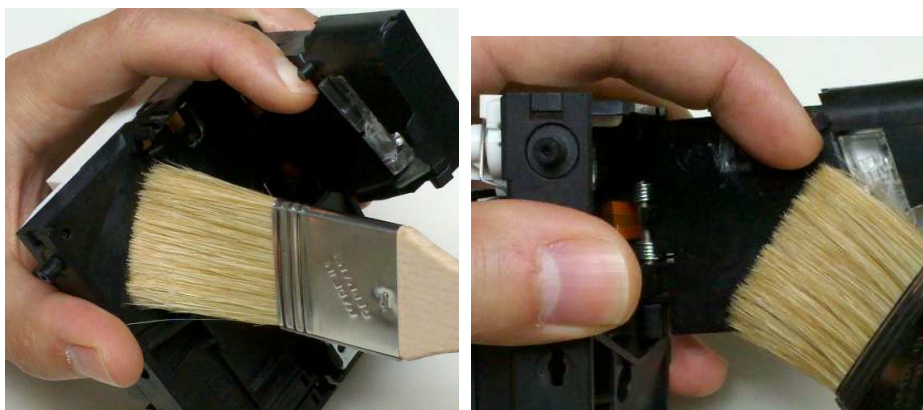


Fig. 4: Cleaning the coin path of EMP 800v6 with a brush

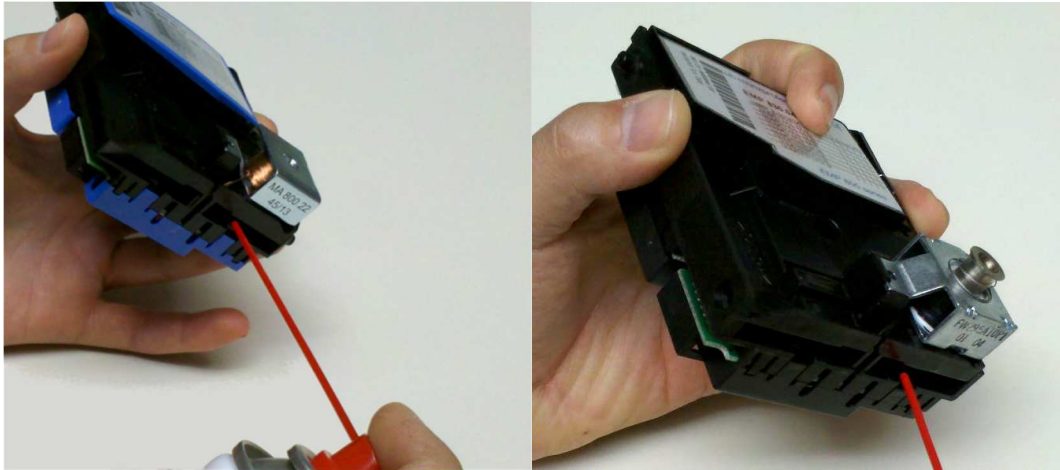


Fig. 5 Cleaning the light sensors with an air spray duster.

1.2. Advanced Cleaning

In cases of a specially rough environment (e.g. car wash with coin extraction system or vacuum cleaners) it might be necessary to carry out some additional cleaning. Therefore the prism below the solenoid should be removed and carefully cleaned with a soft cloth.



Fig. 6 Removing the solenoid from the selector EMP 800 v7 and 800 v6.

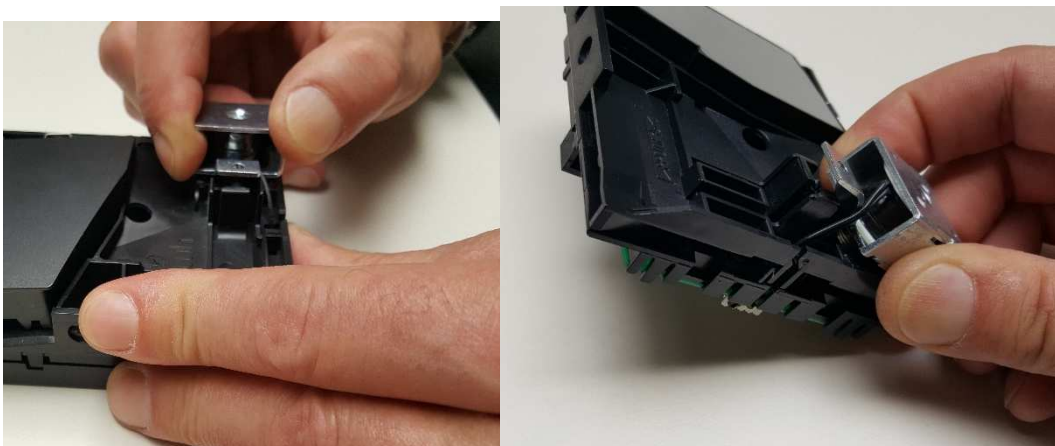


Fig. 7 Removing the solenoid from the selector EMP 800 v7 and 800 v6.



Make sure that the thin connecting cables are not damaged.

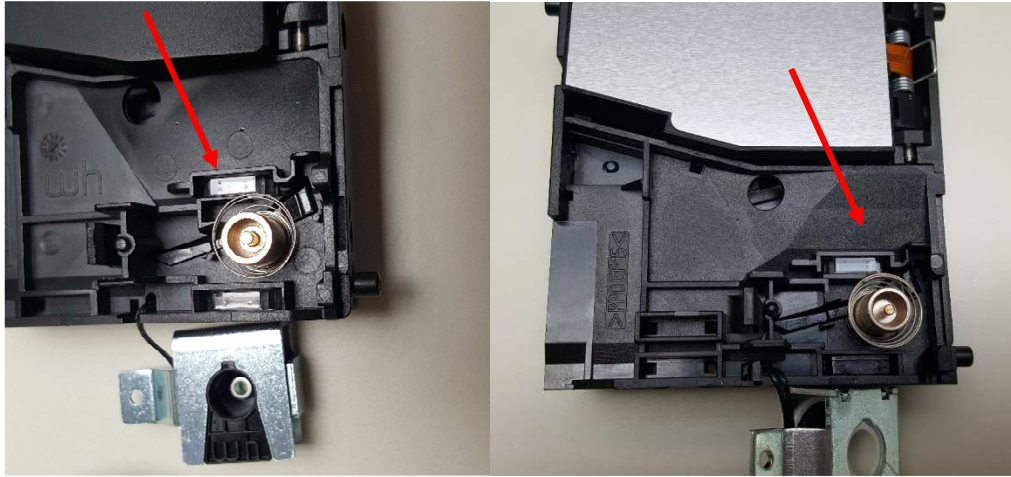


Fig. 8 Location of the prism EMP 800 v7 and 800 v6.

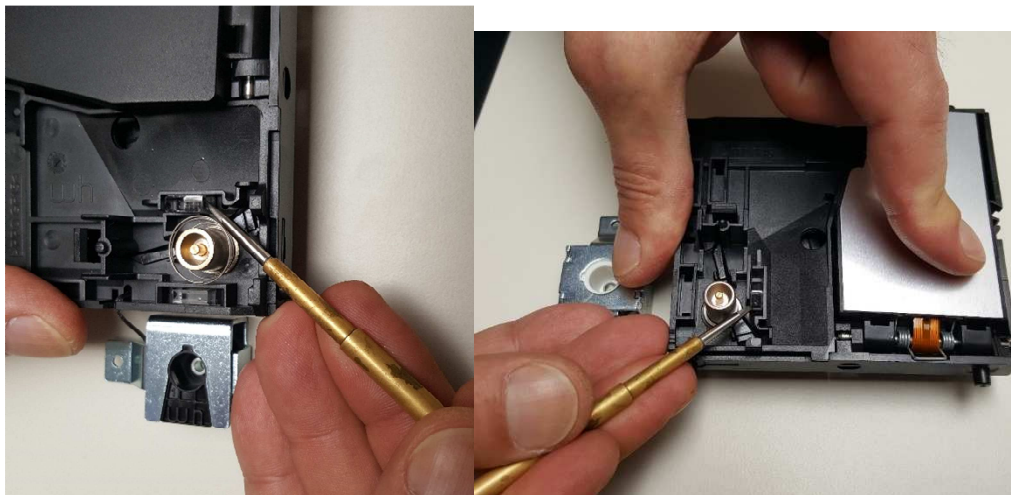


Fig. 9 Removing the prism from the selector EMP 800 v7 and 800 v6.

Once the prism has been cleaned assemble the components in reverse order. Pay attention to the orientation of the prism. The bevel edges must be visible on the upside.

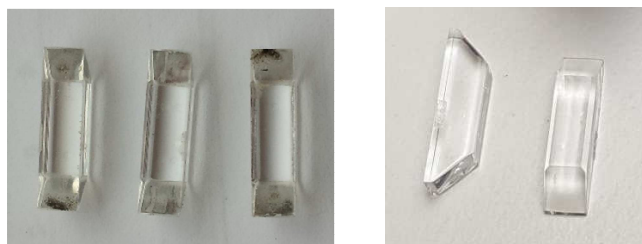


Fig. 10 Dirty and cleaned prism.