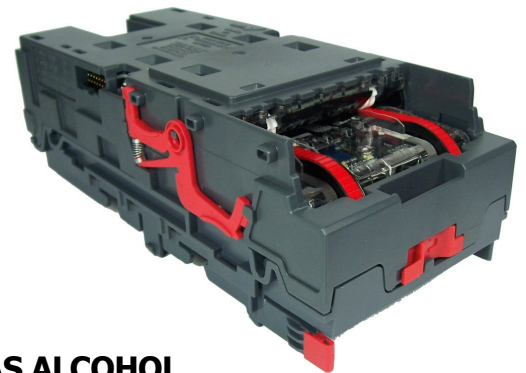


NV9USB MAINTENANCE GUIDE

The NV9USB Validator has been designed to minimise any performance variation over time. Much of this is achieved by careful hardware and software design. However, depending upon the environment the NV9USB may at some time require cleaning, belt changing or note path clearing.

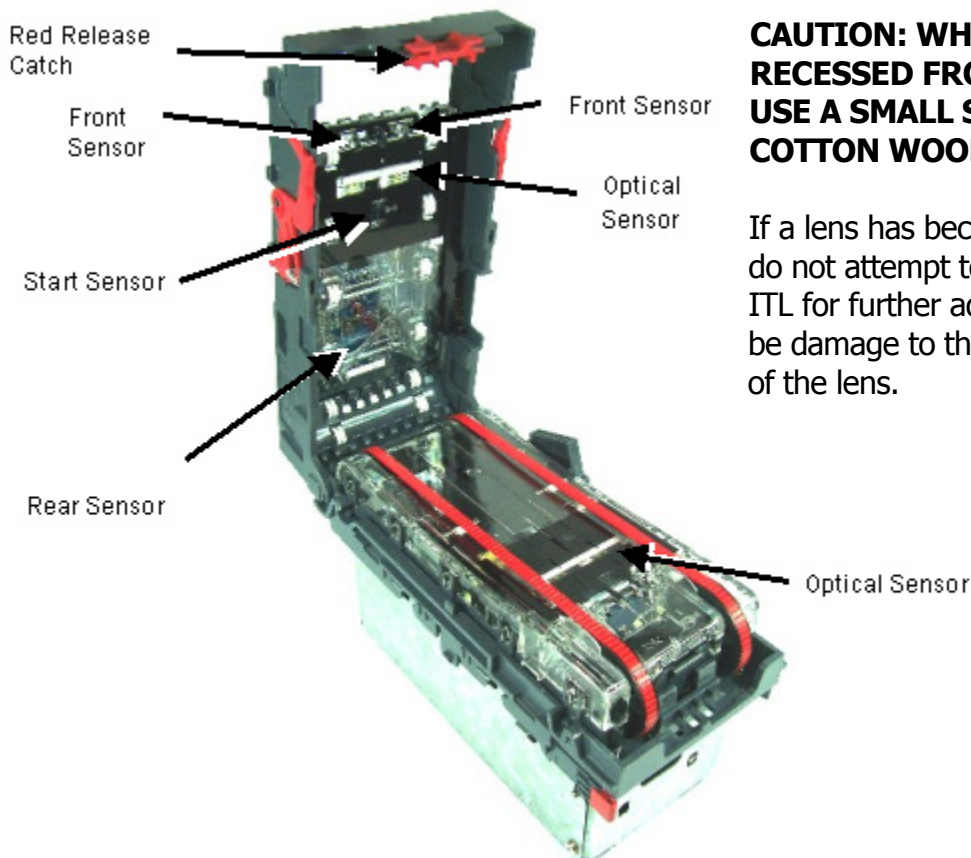


Cleaning – Every Month (Or As Required)

CAUTION: DO NOT USE SOLVENT BASED CLEANERS SUCH AS ALCOHOL, PETROL, METHYLATED SPIRITS, WHITE SPIRIT OR PCB CLEANER. THIS WILL RESULT IN PERMANENT DAMAGE TO THE VALIDATOR, ONLY USE A MILD DETERGENT.

To clean, slide the red release catch on the end of the NV9USB Validator to the left, to open the note path. The note path and lozenge are now exposed for cleaning.

Carefully wipe the surfaces with a soft lint free cloth that has been dampened with a water and mild detergent solution (i.e. household washing up liquid). Take particular care around all the sensor lenses (see below), ensuring they are clean and dry.

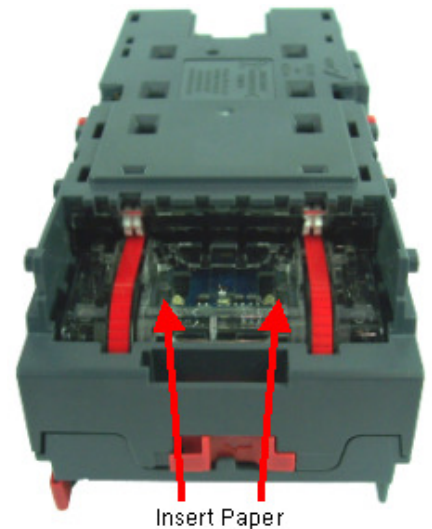


CAUTION: WHEN CLEANING THE RECESSED FRONT SENSORS, USE A SMALL SOFT BRUSH OR COTTON WOOL BUD

If a lens has become badly scratched do not attempt to polish it. Contact ITL for further advise, as there may be damage to the optical properties of the lens.

Belt Cleaning – Every 2 Months (Or As Required)

1. Ensure the validator is enabled (i.e. Bezel lights are illuminated)
2. Remove Bezel.
3. Insert a piece of paper, which is narrower than the width between the two belts, in the centre of the note path to activate the drive motor.
4. Use a lint free cloth dampened with water containing a mild detergent such as dish detergent and hold it against each drive belt as it turns.
5. Repeat steps 3 and 4 until all dust and debris has been removed from both belts.
6. Repeat step 3 using a DRY lint free cloth to remove any excess moisture.



Note Path Debris Clearing / Belt Changing – When required

To access the note path and lozenge, slide the red release catch on the end of the NV9USB Validator and lift to open. Push the lozenge release catch and lift; the note path and lozenge are now exposed for maintenance (see picture).

Debris Clearing

Examine the note paths, lozenge and note stacker for any dirt or debris. Carefully clear and wipe the surfaces of the note paths and lozenge with a soft lint free cloth that has been dampened with a water and mild detergent solution (i.e. household washing up liquid.). Take particular care around all the sensor lenses (see picture), ensuring they are clean and dry. Check that the note stacker and cash box spring plate are not jammed.

Belt Changing

Remove and place the lozenge on a clean dry surface and remove the belts, sliding them off the smallest wheels first. This will be easier if pressure is applied to the larger wheels at the front. Replace the belts using the reverse procedure from the above.

