

TAPEPOWER ELECTRIC WATER-ACTIVATED TAPE DISPENSER



Product Description

The TapePower Electric Water-Activated Tape Dispenser is engineered to meet electrical requirements worldwide. This Electric Water-Activated Tape Dispenser is created for fast-paced packaging environments where increased productivity, efficiency and carton sealing output is needed. The Water-Activated Reinforced/Non-Reinforced Kraft Paper Tape is a green environmental protection product, and a national and provincial new product. Its base materials and adhesive will not cause pollution to the environment, and its packaging can be recycled. The tape is mainly used to replace pressure sensitive adhesive tape and used for carton sealing.

Industries Served

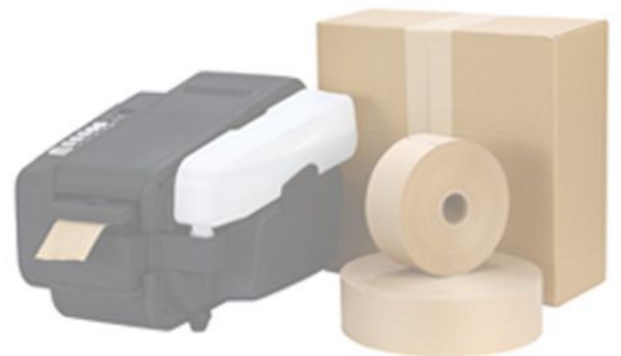
- Warehouses
- Manufacturing
- Logistics
- Assembly
- Packaging

Product Application

The Water-Activated Reinforced/Non-Reinforced Kraft Paper Tape is used for two strip sealing cartons top and bottom., and works well on recycled cartons and non-utilised loads. It is recommended for use on light weight to average cartons up to 24 pounds (11kg).

Storage Conditions

It is recommended to store the paper tapes in a clean and dry place with no volatile solvent to prevent damaged packaging. The temperature of storage should be 4°C to 26°C and the humidity level should be between 40% and 50%. Rotate Inventory is also recommended.



Product Features

Fast and Efficient

- Tape output at 30 cm per second
- One-touch dispensing of tape lengths from 15 cm to 210 cm
- Brush position with heating function to enhance brushing effect
- The current paper output length shown by the display



Multi Working Mode

- Single mode: select different length to produce the selected length tape
- Automatic mode: select one length and produce the rest with the same length automatically
- Fixed mode: select several different sizes and produce the tapes as per the setting order
- Manual mode: Press and hold to produce the tape continuously



Rugged, Reliable and Safe

- Alloy frame construction covered in durable ABS plastic
- Safety interlock switch disables cutting mechanism when cover is open, prevents worker injury
- Backed by the best industry warranty 1 year parts and materials



Product Specification

- Power: 2A AC 110/220V
- Speed: 300 mm/s
- Tape width: Within 80 mm
- Tape length: Within 200 mm
- Weight: 12 kg
- Size: 450 x 320 x 280 mm
- Warranty: 1 year parts



Reinforced Water-Activated Paper Tape

Physical Properties		Standard	Metric	Test Method	
Color		Natural			
Composite Layer Adhesive		Polymeric Copolymer			
Water-Activated Adhesive		Starch Adhesive			
Total Thickness		5.5 mils	0.14 mm	ASTM D-3652	GB/T7125
Tensile Strength	MD	64 lbs/in	287 N/25mm	ASTM D-3759	GB/T7753
	CD	20 lbs/in	92 N/25mm	ASTM D-3759	GB/T7753
Reinforcement	MD	72mm 110 (1-1-1-1-1) Fiberglass			
	CD	28mm 150 (1-1-1) Fiberglass Diamond Pattern			
Backing		Top Ply: 25 lb (40 g/m ²) Kraft Paper			
		Bottom Ply: 25 lb (40 g/m ²) Kraft Paper			

Non-Reinforced Water-Activated Paper Tape 1

Physical Properties		Standard	Metric	Test Method	
Color		Natural			
Water-Activated Adhesive		Starch Adhesive			
Total Thickness		4.3 mils	0.11 mm	ASTM D-3652	GB/T7125
Tensile Strength	MD	35 lbs/in	155 N/25mm	ASTM D-3759	GB/T7753
	CD	10 lbs/in	45 N/25mm	ASTM D-3759	GB/T7753
Backing		60 g/m ² Kraft Paper			



Non-Reinforced Water-Activated Paper Tape 2

Physical Properties		Standard	Metric	Test Method	
Color		Natural			
Water-Activated Adhesive		Starch Adhesive			
Total Thickness		4.7 mils	0.12 mm	ASTM D-3652	GB/T7125
Tensile Strength	MD	39 lbs/in	175 N/25mm	ASTM D-3759	GB/T7753
	CD	12 lbs/in	55 N/25mm	ASTM D-3759	GB/T7753
Backing		70 g/m ² Kraft Paper			

Product Parts Replacement Instructions

1. Fuse Replacement

- Use a slotted screwdriver to open the fuse cover, as shown in the attached figure

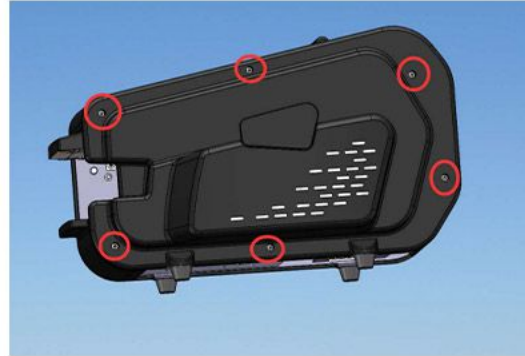
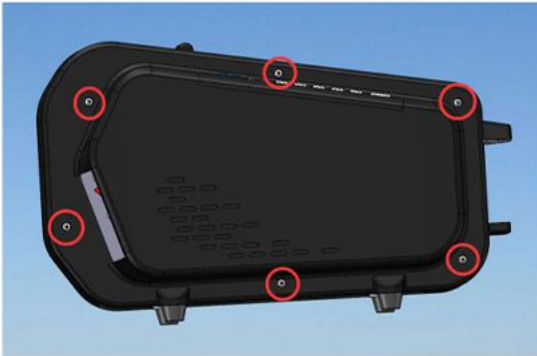


- Observe whether the inside of the fuse is damaged. If there is a black mark on the transparent tube, replace the fuse with a new one.
- Install the fuse cover, as shown in the attached cover.

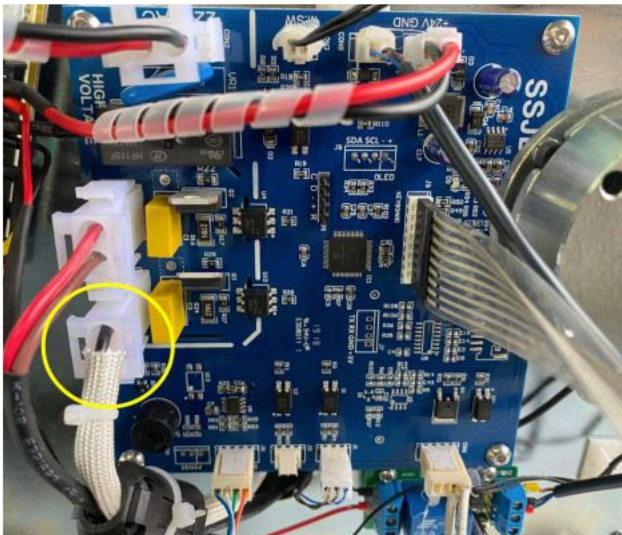


2. Replace the Main Motor

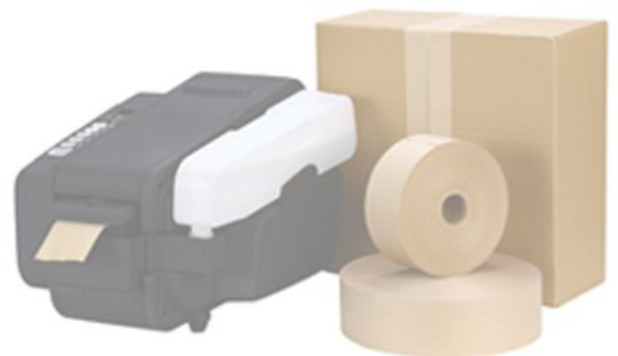
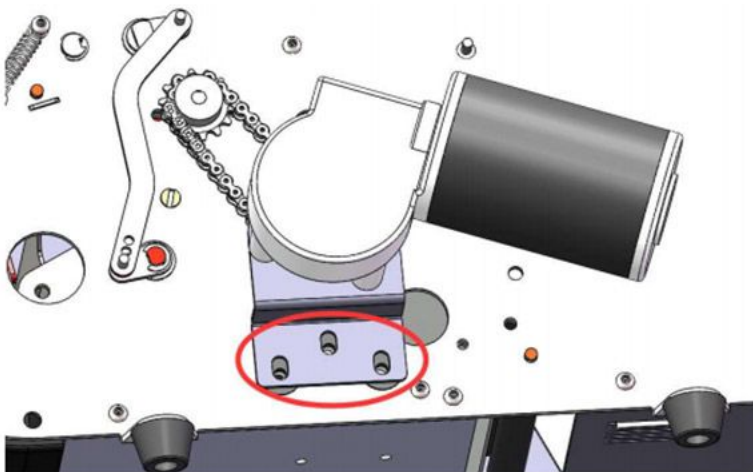
- Remove the fixing screws (6) of the left and right cover plate, as shown in the attached figure



- Unplug the plug-in line of the main motor, as shown in the attached figure

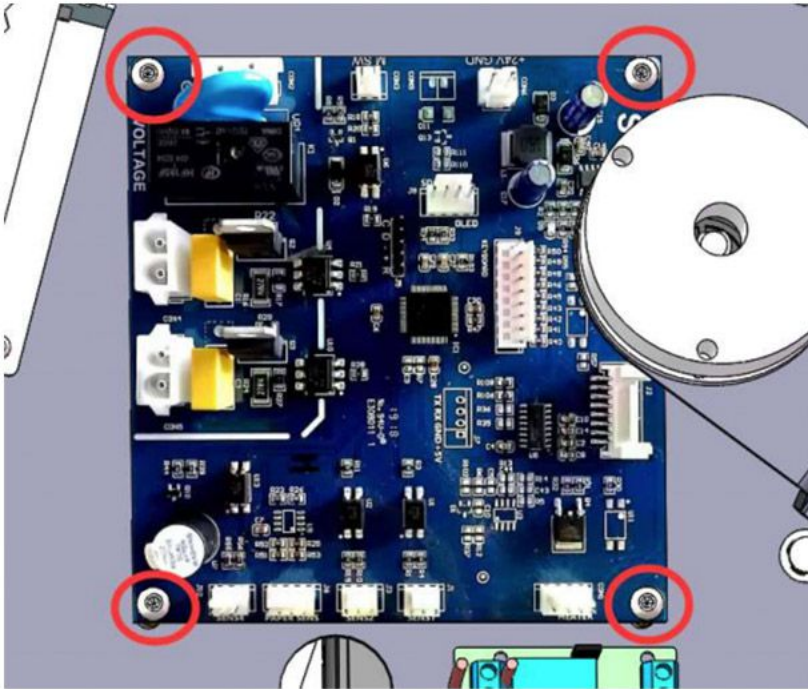


- Remove the fixing screws (3) of the main motor, as shown in the attached figure

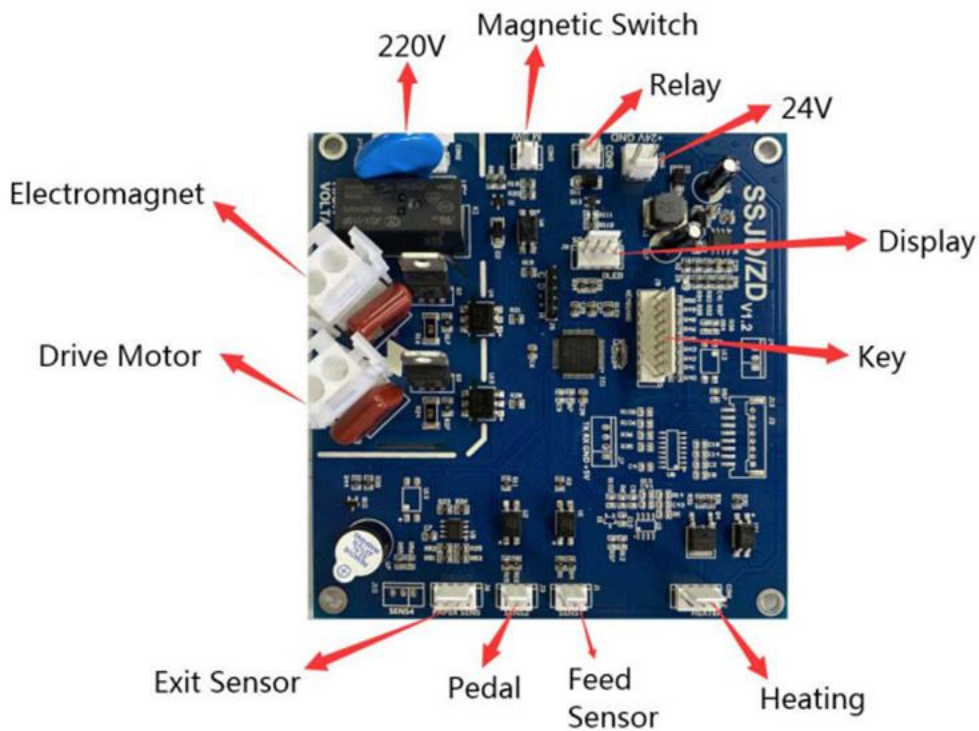


3. Circuit Board Replacement

- Loosen the fixing screws (4) of the circuit board, as shown in the attached figure



- See the attached figure for the description of wiring on the circuit board



4. Switch Power Supply Replacement

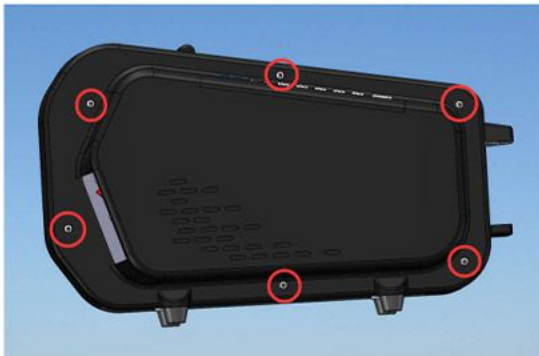
- Loosen the fixing screws (2) of the switching power supply, as shown in the attached figure



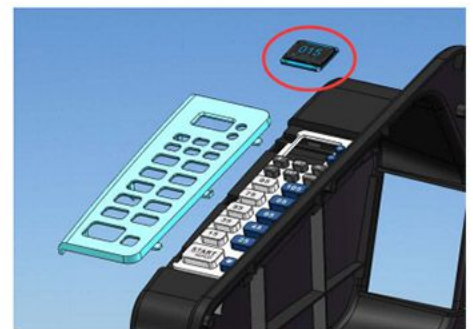
- Remove the switch power supply and transfer the wires on the switch power supply to the new switch power supply
- Fix the new switch power supply

5. Display Replacement

- Remove the fixing screws (6) of the left cover plate, as shown in the attached figure

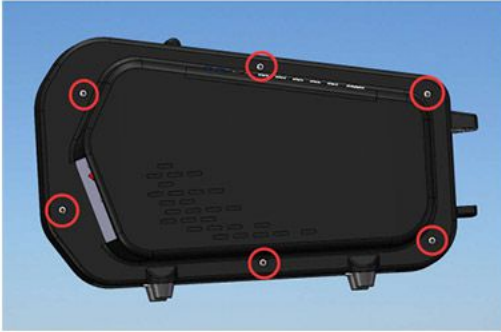


- Remove the pressing plate on the display screen, as shown in the attached figure

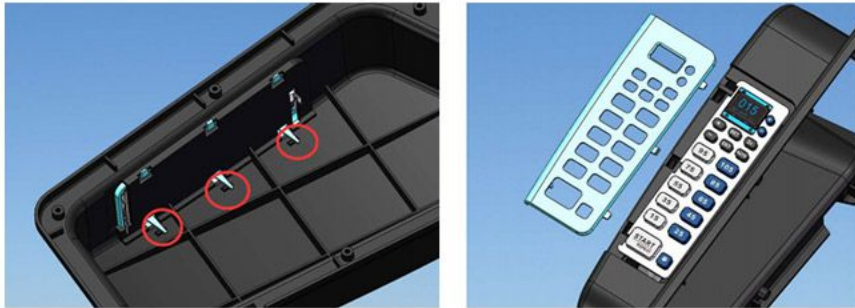


6. Key Replacement

- Remove the fixing screws (6) of the left cover plate, as shown in the attached figure



- Remove the pressing plate on the display screen, as shown in the attached figure



- Remove the display screen and the silica gel key, as shown in the attached figure

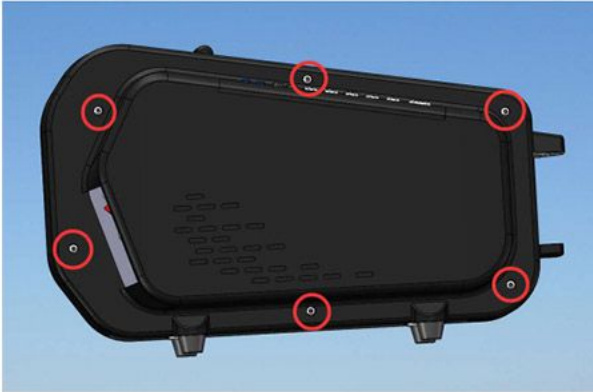


- Replace the whole new key and the left cover assembly, as shown in the attached figure

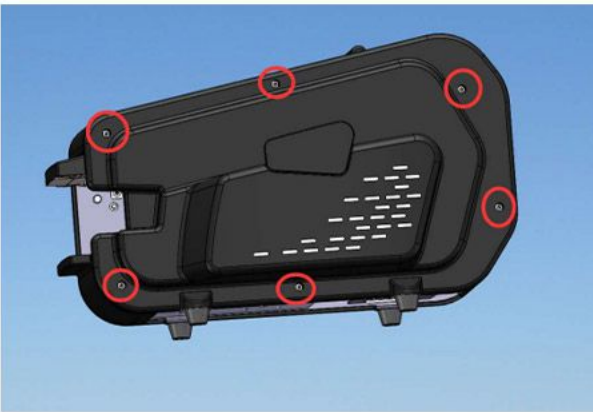


7. Electromagnet Replacement

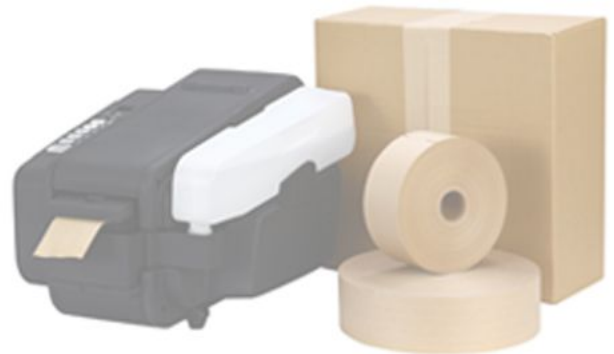
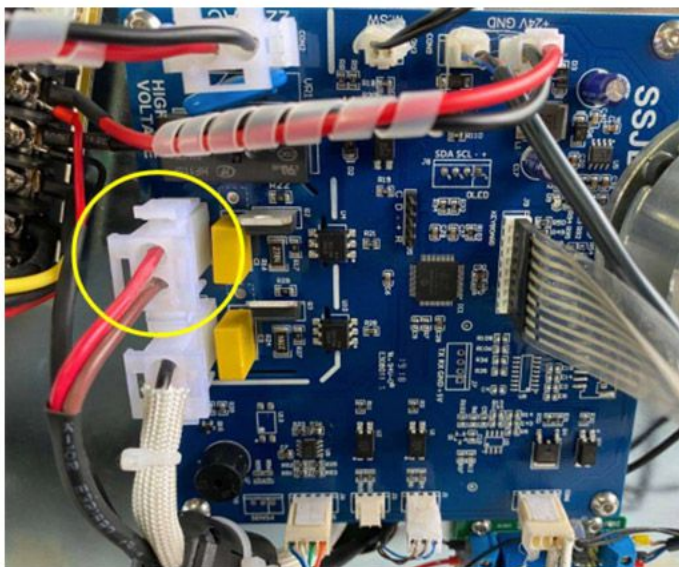
- Remove the fixing screws (6) of the left cover plate, as shown in the attached figure



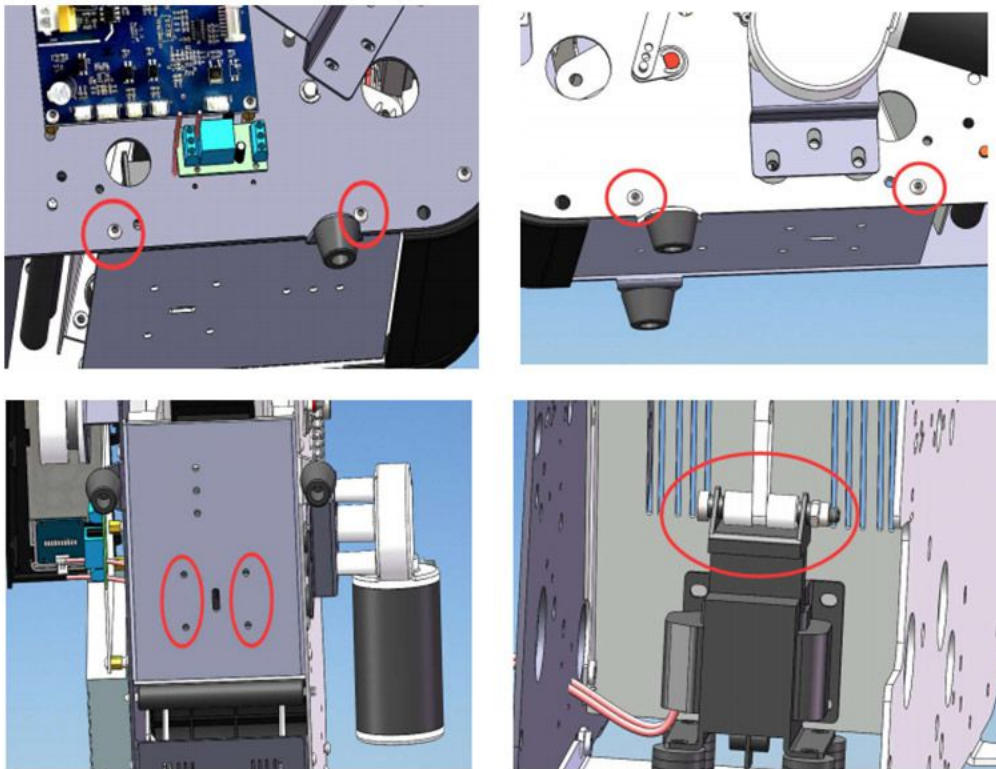
- Remove the fixing screws (6) of the right cover plate, as shown in the attached figure



- Unplug the electromagnet plug-in wire (Line No.), as shown in the attached figure



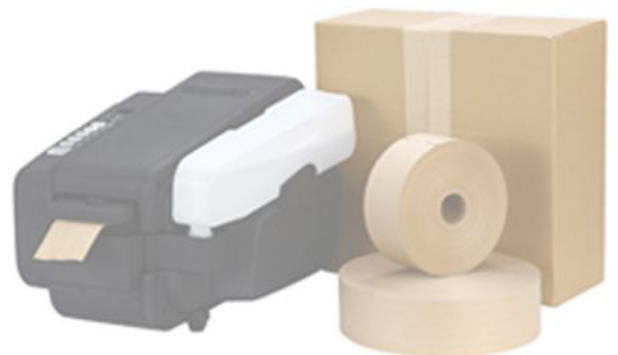
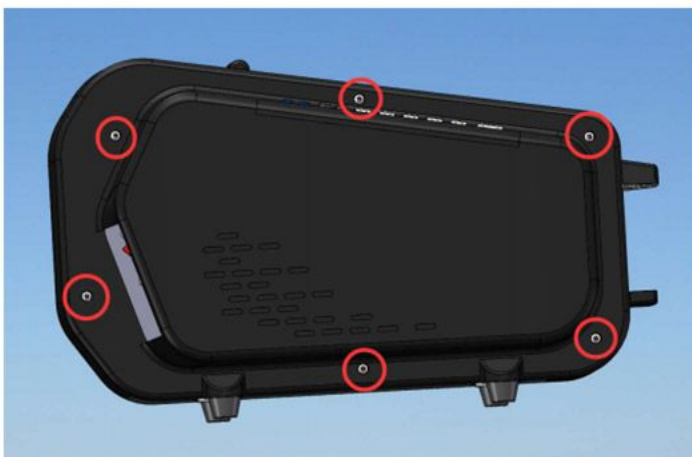
- Remove the screws on the left and right side plates of the electromagnet fixing plate and the lower fixing electromagnet screws, as shown in the attached figure



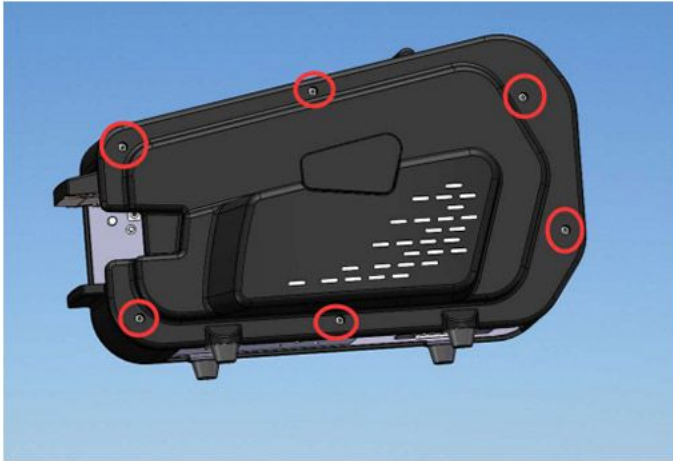
- Replace the electromagnet with a new one

7. Upper Cutter Replacement

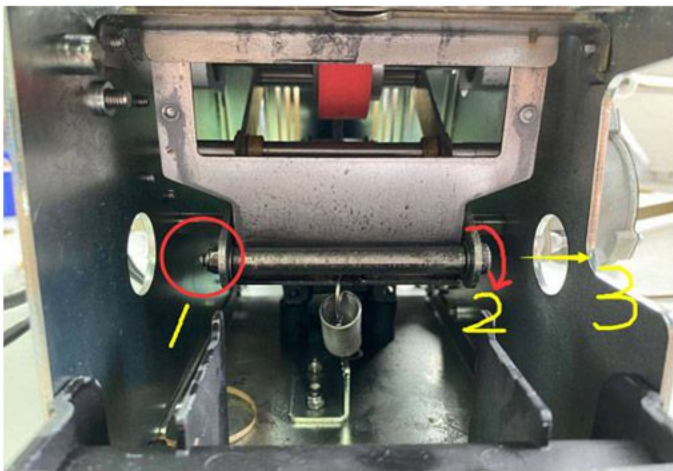
- Remove the fixing screws (6) of the left cover plate, as shown in the attached figure



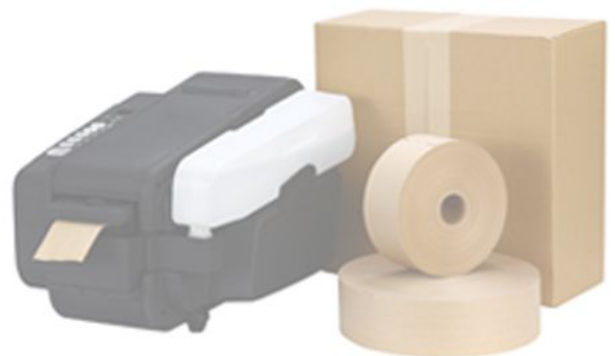
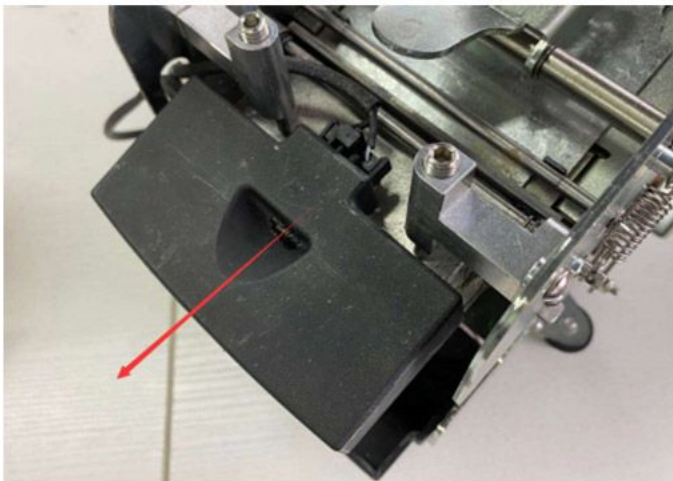
- Remove the fixing screws (6) of the right cover plate, as shown in the attached figure



- First remove the lock nut of the fixed upper cutter, then screw out the screw and pull it out to the right, as shown in the attached figure



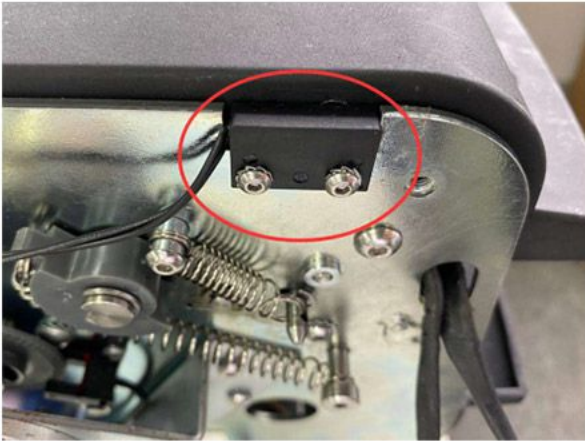
- Pull out the heating device to take out the cutter, as shown in the attached figure



Product Fault Judgement Description

1. No Power Line Display after Device is Powered On

- Check whether the fuse is damaged
- Check whether the plug-in wire of the AC switch falls off
- Check whether the internal wires fall off
- Use a magnet to check whether the power-off protection switch is normal, see the attached figure



2. The Tape is Cut Continuously

- The cause of failure should be the deformation of the upper cutter, and the upper cutter needs to be replaced. Refer to point 8 (Upper Cutter Replacement) of “Product Parts Replacement Instructions” for operation.

3. Paper Jam

- If the tape is not cut off, refer to point 2 (The Tape is Cut Continuously) of “Product Fault Judgement Description” for treatment
- If the tape is cut and stuck at the brush position, it means that the brush pressing plate is too tight. Adjust the brush pressing plate as follows:



Product Fault Judgement Description

4. Humidity of the Tape is not Enough

- Tighten the pressing plate of the brush as follows (not too tight as it may result in paper jam)



5. Brush Cleaning

- After using for a period of time, there will be a lot of glue stuck on the brush, resulting in poor water brushing effect.
- It is necessary to clean the brush regularly; put the brush and the sink together in the water, soak it for about 5 minutes, then clean the glue on it

