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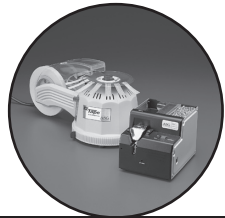
- Electric Drivers
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- Torque Testers
- Assembly Robots
- Auto Screw Feed Systems
- Screw Feeders
- Automatic Tape Dispensers
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Automation Products

EZ-9000 Industrial Duty Tape Dispenser Instruction Manual



ASG™

Products for Assembly

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ASG™

Products for Assembly

Read Before Use

Thank you very much for buying our EZ-9000 tape dispenser.

The EZ-9000 is a very compact, especially well equipped machine which can cut and dispense various kinds of tape, including non-adhesive products.

Please read this Instruction Manual carefully.

For your safety, please always keep this Instruction Manual for reference, retraining and trouble shooting.

Contents

Read Before Use	2
Safety Instructions.....	3
Definition of Warning and Caution Symbols	3-5
Warning	4
Identification of Parts	6-7
Load the Tape.....	8
Set the Tape Length	9
Mode Setting.....	9-10
How to Manage Curling Tape.....	11
Using Narrow Tape/Using Two Rolls at the Same Time.....	11
Other Functions.....	11
Replace the Blade Unit.....	12
Maintenance.....	12-13
Error Messages	13
Trouble Shooting	14
Specifications.....	14
Warranty.....	15

Tape Dispenser Warranty

ASG warrants to the original purchaser buying an ASG Tape Dispenser with the intention of use rather than resale, for a period of six months, that ASG will replace those items found to be defective or otherwise fail to conform or at ASG's option, repay the price paid for the item. The Buyer's remedies with respect to any item found to be defective or otherwise not conforming shall be limited EXCLUSIVELY to the right of replacement or repayment. In no event shall ASG be liable for any incidental special or consequential damages or for damages in the nature of penalties.

Disclaimer: Seller makes no other warranty whatever, expressed or implied, and all implied warranties of merchantability and fitness for a particular purpose are disclaimed and excluded from this transaction and shall not apply to the goods sold hereunder.

Trouble Shooting.

Before returning the machine to ASG for repair, please check the following:

PROBLEM	REASON	TO CORRECT
The POWER SWITCH is on but the machine does not run.	The AC CORD is loose. The FUSE has blown.	Check the AC CORD then plug in the outlet firmly. Replace the FUSE . Stop using the machine immediately if the FUSE is blown again after replacement.
After removing a piece of tape, the next piece does not feed under AUTO mode.	The mode is set to MANUAL . Debris is covering the SENSORS . The tape can not go through the SENSORS . The tape has extremely low reflectance.	Set the mode to AUTO . Remove the debris. Use SEPARATOR when tape is less than 15mm wide. Do not bring bright lights near the SENSORS . Some types of tape may not be used under AUTO mode.
The BLADE can not move smoothly.	The BLADE UNIT is not in a proper position.	Check the BLADE UNIT and firmly push down on the housing.
The length of the tape is different from the set length.	The adhesive of tape is too strong. The tape is too elastic.	Correct the setting after cutting several test pieces.
Tape curls excessively.	The machine is not grounded. The ROLLER LOCK is disengaged.	Check ground on cord. Engage the ROLLER LOCK to apply tension.



If the machine still can not operate properly, stop using the machine immediately and contact ASG for repair authorization.

Specifications

Power Requirement	120V, (220-240V units available)
Input Voltage Range	±5%
Wattage	25W
Dimensions	116mm(W) x 140mm(H) x 213mm(D)
Weight	2.5 KG.
Body Material	Anti-Static ABS
Tape Length	5mm ~ 999mm
Tape Width	6mm~60mm
Feeding Speed	200mm/sec. (using Craft Tape)
Max. Outside Dia. of Roll	300 mm
Accessories	Power Cord 2A Fuse (Built-In Inlet) Separator / Guide Plate / Blade Oil / Tweezers

Remarks ■ The specifications are subject to change without prior notice.

- The length of the tape may differ from the set length depending upon the type of the tape or its condition.
- Some types of tape available with the machine may not be cut depending upon conditions.

Safety Instructions

The safety guidelines in this Instruction Manual must be observed in order to prevent damage to the machine or injury to the operator or other persons.

The safety guidelines designated "Warning " and "Caution" describe possible injury or damage that may be suffered from operating or maintaining the machine in a manner other than as described in this Instruction Manual.

Read and follow the safety precautions carefully before reading the rest of the Instruction Manual.

Definition of Warning and Caution Symbols



Warning

Indicates a potentially hazardous situation which if not avoided, could result in death or serious injury.



Caution

Indicates that mishandling may result in danger and that the operator is at risk of injury, or the machine is at risk of damage.



Indicates Caution

A symbol within the triangle, or the description, will indicate a specific hazard.



A Prohibited Action







A symbol within the circle, or the description, will indicate prohibited action.



A Required Action

A symbol within the circle, or the description, will indicate the required action.

Warning

-  **Do not operate the machine with wet hands. Do not plug in, or unplug the cord with wet hands.** Failure to observe this may result in injury due to electric shock.
-  **Never insert your finger, or any other body part, or any foreign object into the machine.** Failure to observe this may result in injury.
-  **Keep hair or loose clothing away from the machine while it is operating.** Failure to observe this may result in injury.
-  **This machine is intended for industrial use only.** Do not allow untrained operators or children to operate the machine. Failure to observe this may result in injury.
-  **Turn off the power switch and unplug the machine prior to replacing the blade unit or performing any maintenance on the machine.** Failure to observe this may result in serious injury.
-  **Do not use this machine for anything other than its specified applications.** Use of the machine for any unintended applications can cause injury to the operator or failure of the machine.

Always keep the area around the **SENSORS** clean.
To protect the **SENSOR**, clean the openings after removing the **BLADE UNIT** carefully.

Clean the Body

Put neutral detergent on a damp cloth to clean the body.
Do not use alcohol or solvent to clean the plastic parts.

Error Messages

The buzzer will sound then a message will flash and show on the **DISPLAY**.

E-02 Blade is Out of Position

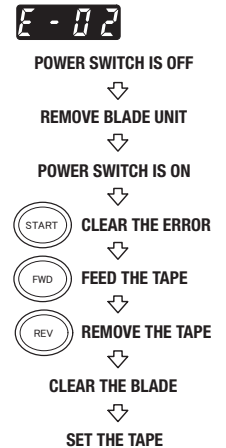
A signal shows that the blade is not installed well or machine stopped because of the thickness or hardness of the tape.


- Turn the **POWER SWITCH** off.
- Remove the **BLADE UNIT** by releasing the **BLADE UNIT RELEASING LEVER** then lift the assembly out of the body.
- Turn the **POWER SWITCH** on.
- Press the **FWD BUTTON** and feed the tape once, cut the tape in between the **TAPE OUTLET** and the **BLADE UNIT** by scissors.
- Press the **REV BUTTON** to remove the tape.
- Clean the **BLADE UNIT** and lubricate the **LOWER BLADE GUIDE**.
- Check the lower blade position and replace the **BLADE UNIT**.


E-03 Motor is Stopped


Indicates that the motor is stopped because of overload.

- Press the **START BUTTON** to clear the error message.
- Press the **REV BUTTON** to remove the tape.
- Turn the **POWER SWITCH** off.
- Check the **BLADE UNIT** and **TAPE OUTLET** carefully.
- Clear and take away the spare tape waste or sticky residue by using **TWEEZERS**.



 Do not touch the Blade when you are correcting an error when the **POWER SWITCH** is on.

 Turn off the **POWER SWITCH** and stop using the machine if the machine cannot work normally after correcting the error.

 Do not use the tape if static electricity generates over 1000V. It may cause the machine to fail.

Replace the Blade Unit

Individual blades cannot be replaced. The entire Blade Unit must be replaced.

- Turn the **POWER SWITCH** off.
- Remove the **BLADE UNIT** by releasing the **BLADE UNIT RELEASE LEVER**.
- Install the new **BLADE UNIT** into the body.
- Push down on the housing firmly until it is locked.
Make sure that the lower blade is positioned properly, turn the **BLADE UNIT** over and take a look the bottom edge of the lower blade.

Maintenance



Whenever you clean or replace the **BLADE UNIT**, do not touch the sharp edge of the blade.

Clean the Blade Unit

When cutting tapes with heavy adhesive, residue will gradually build up on the blade.

It is necessary to remove the **BLADE UNIT** for cleaning.

- Turn the **POWER SWITCH** off.
- Remove the **BLADE UNIT** by releasing **BLADE UNIT RELEASE LEVER**.
- Put some alcohol on a clean dry cloth, or use a swab to remove the residue.
- Replace the **BLADE UNIT**.

Lubricate the Blade

Lubricate the blade in order to reduce the residue sticking on the blade.

- Turn the **POWER SWITCH** off.
- Remove the **BLADE UNIT** from the body.
- Locate three oil holes on the back side of the top blade.
- Place one drop of **BLADE OIL** into each hole.
- Also lubricate **LOWER BLADE GUIDE**.
- **DO NOT OVER-LUBRICATE.**

Wipe excess oil away by using cotton cloth.

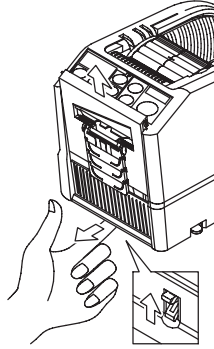
- Replace the **BLADE UNIT** into the body.
- Turn the **POWER SWITCH** on.
Make several test cuts in order to make sure the tape will not fall off the **TAPE OUTLET**.

Clean the Sensors

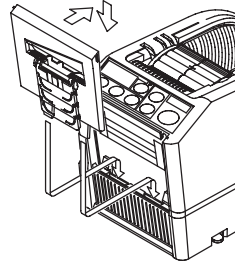
There are two pairs of **SENSORS** below the **TAPE OUTLET**.

If their openings are covered by tape residue or debris, the **SENSORS** will not detect the presence of tape.

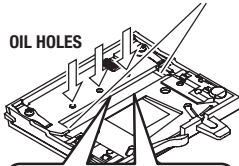
REMOVE BLADE UNIT



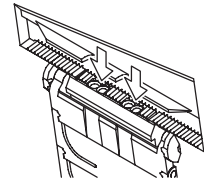
INSTALL BLADE UNIT



LOWER BLADE GUIDE



BE CAREFUL TO HANDLE THE SENSORS



Caution



Do not expose the machine to water or other liquids.

Do not install or use the machine where it may come into contact with water or other liquids. Exposure to water or other liquid can cause injury due to electric shock, or failure of the machine.



Never modify or disassemble the machine. This can cause injury or failure of the machine.



Always unplug, or plug the machine in, by holding the plug. Never pull on the cord. Pulling on the cord can result in an injury from electric shock.



Never place foreign objects into the machine. This can cause failure of the machine.



An operator's presence is required whenever the machine is in operation. Turn the machine off and unplug the cord when the operator is not present. Failure to observe this can result in injury.



Do not cut or damage the power cord. A cut or damaged cord can lead to electric shock, a short circuit or possible fire hazard.



Make sure the cord is connected properly to the electrical outlet as well as the receptacle on the back of the machine. A loose connection can result in high heat or fire.

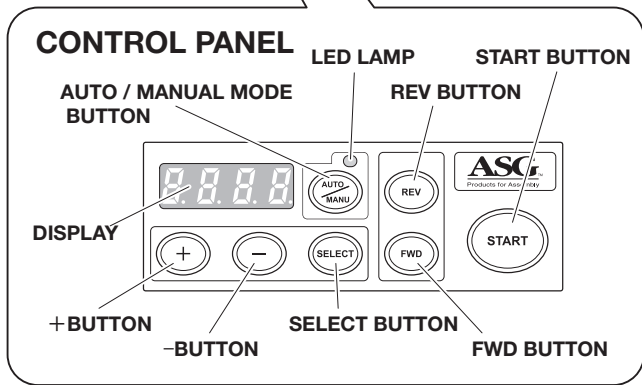
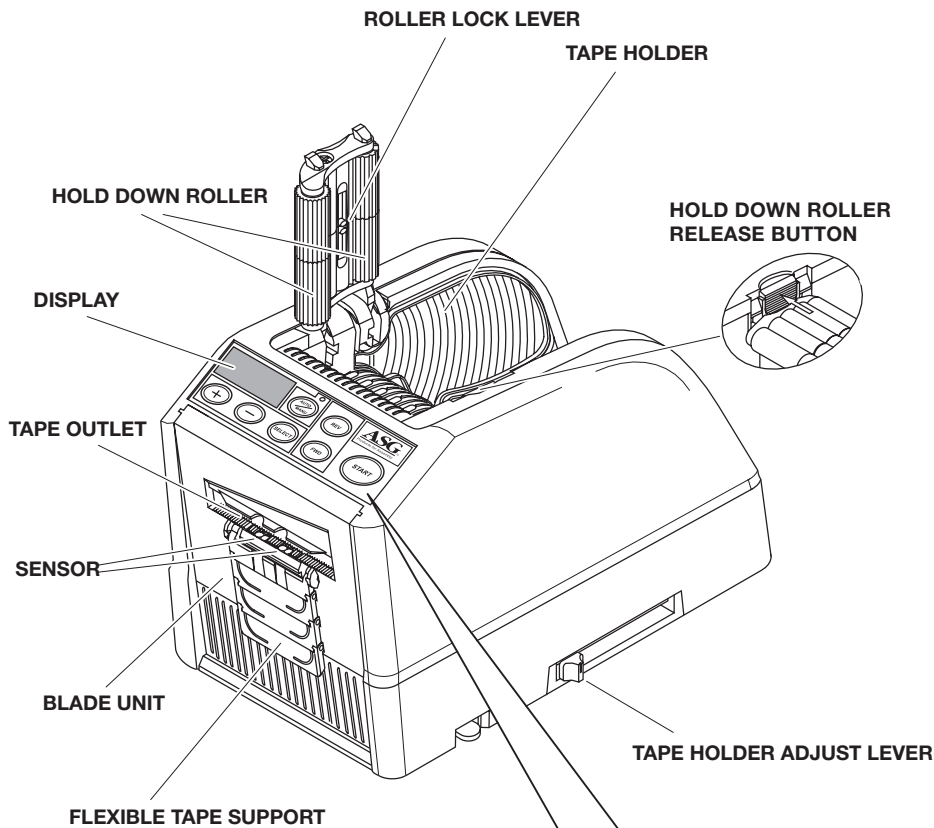


Do not use the machine in areas where moisture is present, high temperatures exist or a high content of dust or dirt is present. This can result in failure of the machine.



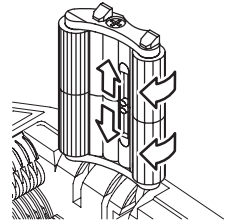
Always install and operate the machine on a flat, stable surface. Dropping the machine can lead to failure of the machine or injury to the operator.

IDENTIFICATION OF PARTS



How to Manage Curling Tape

- Press the **HOLD DOWN ROLLER RELEASE BUTTON** in order to open the **HOLD DOWN ROLLER UNIT**.
- Extend the **ROLLER LOCK LEVER** so that the back roller will not turn.
- Close the **HOLD DOWN ROLLER UNIT**.
With the rollers locked, the tension may cause the length to vary.
Cut several test pieces in order to adjust the length if needed..

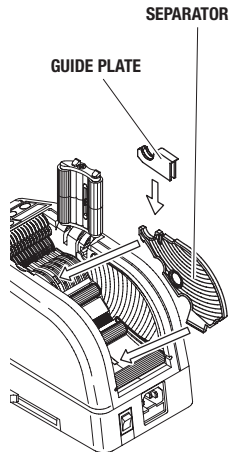


Using Narrow Tape/Using Two Rolls at the Same Time

If the tape is less than 15 mm wide or you want to dispense two rolls at the same time, use the **SEPARATOR**.

To cut tape less than 10 mm wide, put the **GUIDE PLATE** on the **SEPARATOR**.

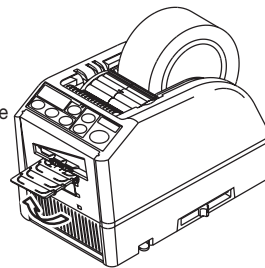
- Remove the **SEPARATOR** from the bottom of body.
- Open the **HOLD DOWN ROLLER UNIT**.
- Insert the **SEPARATOR** into the slot in the bottom of the cavity.
- When you cut tape less than 10 mm wide, put the **GUIDE PLATE** onto the **SEPARATOR**.
- Place one roll of the tape on either side of the **SEPARATOR**.
- Hold the tape by adjusting **TAPE HOLDERS**, without pushing the **SEPARATOR** out of position.
When dispensing two rolls of tape at the same time, you must feed-in both of the tape ends simultaneously.
- Remove the first piece of tape.
- When the second piece of the tape is removed, both side of tapes are also dispensed.



Other Functions

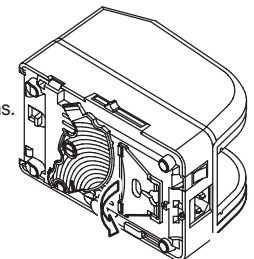
FLEXIBLE TAPE SUPPORT

When you cut the tape longer or cut non-adhesive tape/film, use **FLEXIBLE TAPE SUPPORT** in order to avoid the tape from falling down.



ASSIST STAND

Use the **ASSIST STAND** to raise the back of the machine for longer lengths.



P-MODE (Preset Mode)

Preset Mode allows you to cut one at a time a pre-selected number of pieces. The machine will stop and the buzzer will sound when it is complete. (Maximum 999 pieces.)

You can use the mode either **MANUAL** or **AUTO**.

- Press **SELECT BUTTON** to choose your needed length.
- Press **SELECT BUTTON** for three seconds then it will indicate "Lcon".
- Press **SELECT BUTTON** again then it will indicate "P".
- Use the +/- **BUTTON** and set your needed quantity.
- Choose **AUTO** or **MANUAL** by **USING AUTO/MANUAL BUTTON**.
- The signal counts down when feeding another piece of tape.
- When the **DISPLAY** indicates "0", the buzzer will sound.
The **DISPLAY** indicates the number of pieces that is preset.
Please wait until the buzzer stops.
If you take the tape out before the buzzer stops, the **LED LAMP** will flash so you need to press the **START SWITCH** again.
- To change the mode (**AUTO/MANUAL**) when machine is operating, just press **AUTO/MANUAL BUTTON**.

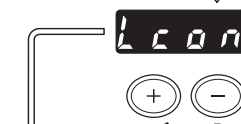
L-Mode (Loop Mode)

Loop Mode will continuously cut and dispense non-adhesive material all at once. (Maximum 999 pieces.)

- Press the **SELECT BUTTON** and set the length of tape.
- Press and hold the **SELECT BUTTON** so that the **DISPLAY** will indicate "Lcon".
- Set the number of pieces to be cut out by using the +/- **BUTTON**.
- When you press the **START BUTTON**, the **DISPLAY** counts down while cutting continuously.
When the **DISPLAY** indicates "0", the buzzer will have sound then the machine is stopped.
To stop the machine while running under **L-MODE**, press the **START BUTTON**.

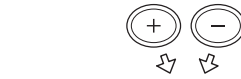
P-MODE

INDICATE CUTTING LENGTH

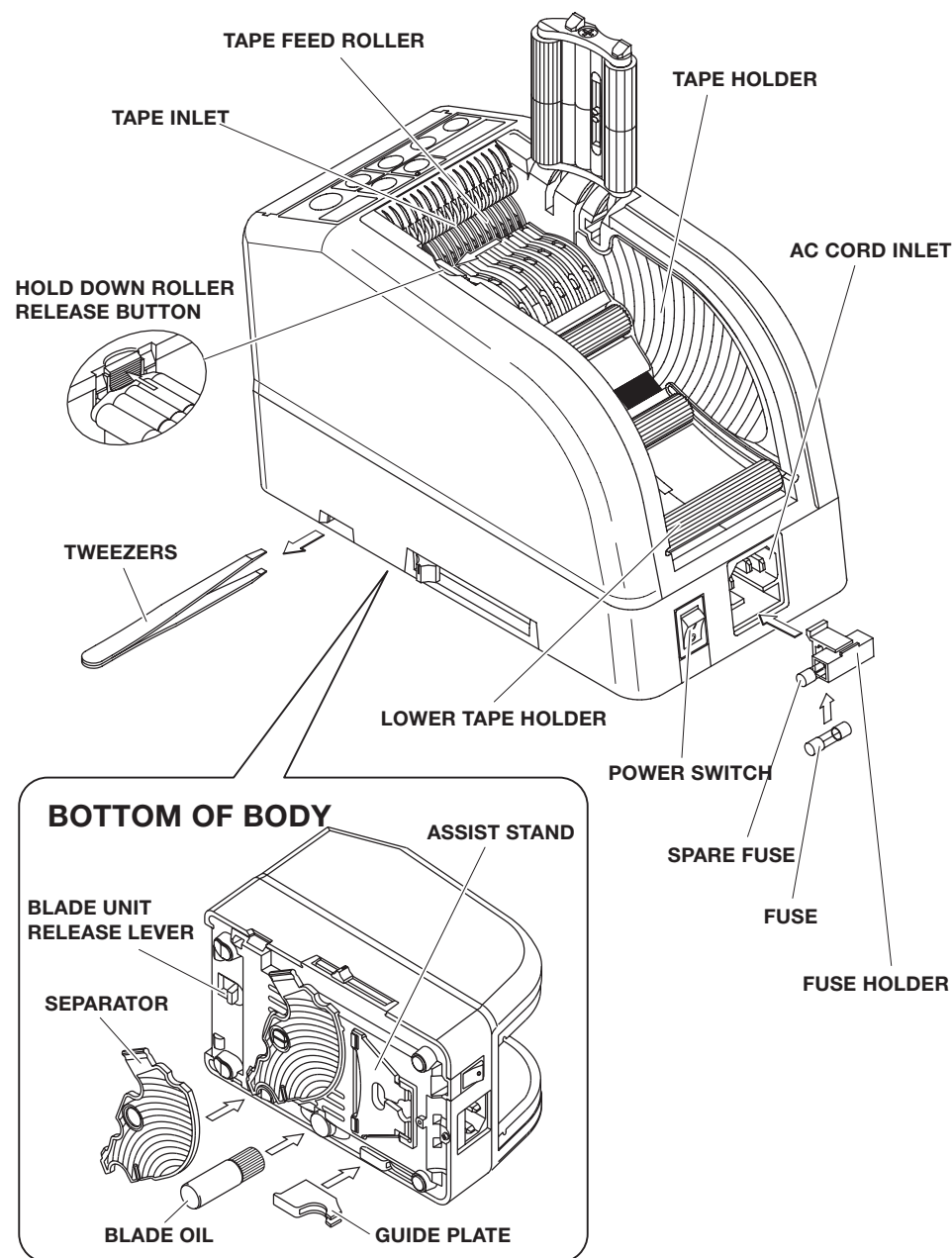


L-MODE

INDICATE CUTTING LENGTH



IDENTIFICATION OF PARTS



Loading the Tape

- Plug in the **AC CORD** to the **AC CORD INLET**.
- Make sure the **POWER SWITCH** is off then plug into an appropriate grounded AC outlet.
- Turn the **POWER SWITCH** on.

When the **POWER SWITCH** is turned on, a buzzer will sound.

At this moment, the mode is set to **MANUAL**.
- Press the **HOLD DOWN ROLLER RELEASE BUTTON**.
- Place a roll of tape in the machine.
- Hold the tape by adjusting the **TAPE HOLDERS**.

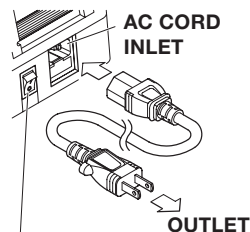
Adjust the **TAPE HOLDERS** to a proper width, slide the **TAPE HOLDER ADJUST LEVER** from the front to the rear of the machine to close.

The **TAPE HOLDERS** should hold the roll lightly in the center of the cavity of the machine.

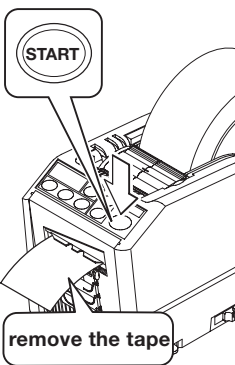
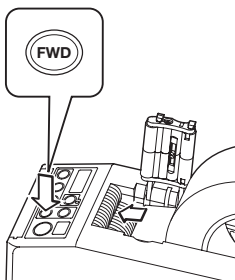
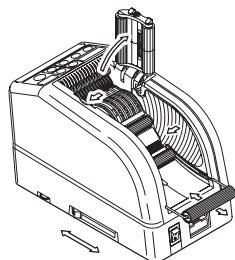
This is very important because it keeps the tape in the center.

The tape passes over the **SENSOR** in front of the **BLADE UNIT**.

Pull the **LOWER HOLDER** out to support a larger roll of tape.



POWER SWITCH



remove the tape

- Put the tape on the **TAPE FEED ROLLER**.
- Press the **FWD BUTTON** until the tape comes out from the **TAPE OUTLET**.

When using a strong sticky adhesive tape, pull a little bit of tape out and position it into the **TAPE INLET**.

Press the **FWD BUTTON** continuously for a few seconds, also help the tape in positioning in the **TAPE INLET**.
- After the tape is loaded and the **TAPE HOLDERS** are adjusted, close the **HOLD DOWN ROLLER UNIT**.
- Press the **START BUTTON**.

Remove the first piece of tape and discard it.

Now your EZ-9000 is ready to use.

- To take the roll of tape out of the machine, press the **REV BUTTON** and remove roll.

⚠ Always use Tweezers to remove very small pieces of tape. (Under 10mm length)

Setting the Tape Length

- Make sure that the **DISPLAY** indicates <cutting length>.
- Set the cutting length.

The cutting length is always indicated in alphabetical letters like A,b,C,d,E,F.

The cutting length is adjustable between 5 mm to 999 mm.

You can set six different lengths by using the **SELECT BUTTON**.

If you press the +/- **BUTTON** briefly, the length is changed by 1 mm.

And if you press the +/- **BUTTON** longer, it will fast forward.

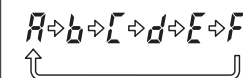
Caution

The actual length can differ from the displayed length and depends on the type of the tape and its condition.

When cutting a short length of tape, the length may not be cut consistently or tape may jam.

Try several test cuts to insure proper operation.

INDICATE CUTTING LENGTH



SET THE CUTTING LENGTH



Mode Setting

MANUAL MODE

- The blue **LED LAMP** should be off.

If the **LED LAMP** is flashing or turned on, press **AUTO/MANUAL MODE** to turn it off.
- Press the **START BUTTON** once, the machine will feed a piece of tape then cut it based on your set length.
- To cut another piece, press **START BUTTON** again.

AUTO MODE

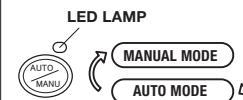
- The **LED LAMP** should be flashing.

If the **LED LAMP** is off, press **AUTO/MANUAL BUTTON** and the **LED LAMP** will flash.
- Press the **START BUTTON** once; the machine will feed a piece of tape then cut it based on your set length.

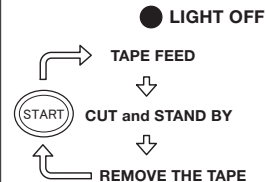
When that piece of tape is removed, the machine will feed another piece then cut it.

The machine will feed and cut a new piece of tape once the piece of tape is removed.

SET AUTO / MANUAL



MANUAL MODE



AUTO MODE

