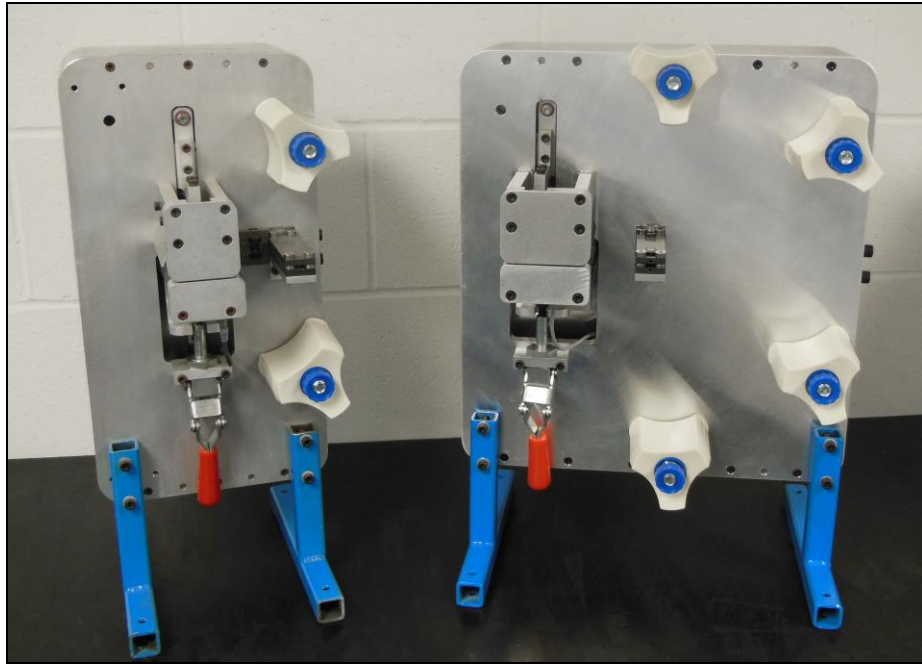




TAG LAMINATOR 2SB SYSTEM



OPERATION AND MAINTENANCE MANUAL

Customer: _____
End User : _____
Customer P.O.: _____
Job No.: _____
Rev./ Date: _____ Rev C/ August 2016

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TAG LAMINATOR SYSTEM

LOADING TAPE

Before loading tape, make sure the power to the laminator is OFF. Refer to Figure 1 below.

1. Push the first roll of tape onto the top spindle so that it unwraps toward the pinch rollers with the adhesive side toward the center where the tag is fed.
2. Push the second roll of tape onto the bottom spindle so that it unwraps toward the pinch rollers with the adhesive side toward the center where the tag is fed.
3. If using Shot Blast Laminate, feed the paper backing on the shot laminate onto the take-up wheels as seen in Figure 1.
4. Unclamp the pinch rolls by pulling up on the red handle.
5. Take the two ends of the tape and pull through the rollers, the tape should be stuck together where the adhesive surface of each meet.
6. Clamp the rollers back together by pushing the red handle down.

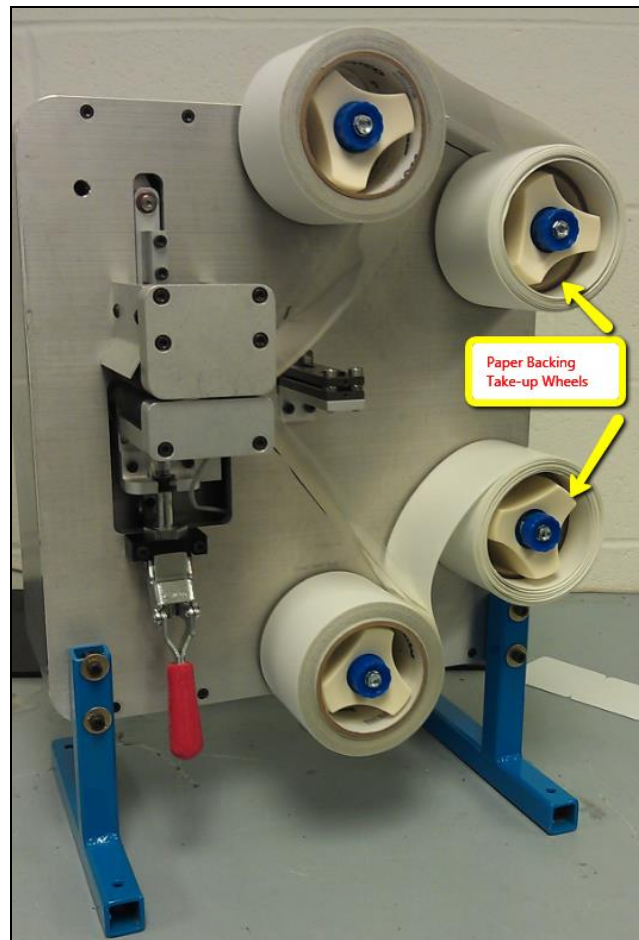


Figure 1

PREPARING THE LAMINATOR

Follow the steps below to prepare the laminator to laminate tags.

1. Turn power on.
2. Hold a scrap tag, of at least 3" long, by the end (Note: never hold by the sides of tag) and push it in the slot until it touches the roller and tape.
3. Keep the tag straight against the rollers with a light pressure so it will feed straight.
4. The laminator will automatically begin feeding the tag into the rollers after a short pause.
5. Let go of the tag and the laminator will continue to feed the tag while applying the tape.
6. After the tag is fed pass the cut off position, the cut off motor will be activated. The cut off wire will move down and cut off the tape by using the heated wire.
7. The tag will be feed out of the laminator.

The two blue knobs on the tape spindles are use to set the drag on each roll to help eliminate wrinkles:

- Turn the knobs clockwise to increase the drag.
- Turn the knobs counter-clockwise to decrease drag.

The drag should be set just high enough to keep the tape taunt during a cycle.

MANUAL FEED BUTTONS

The manual feed buttons are mounted on the side of the laminator, as shown in Figure 2, below.

- Press the FEED button to turn the rollers in the feed direction (into the machine).
- Press the REVERSE button to feed back out of the machine. This is useful if a tag becomes jammed.

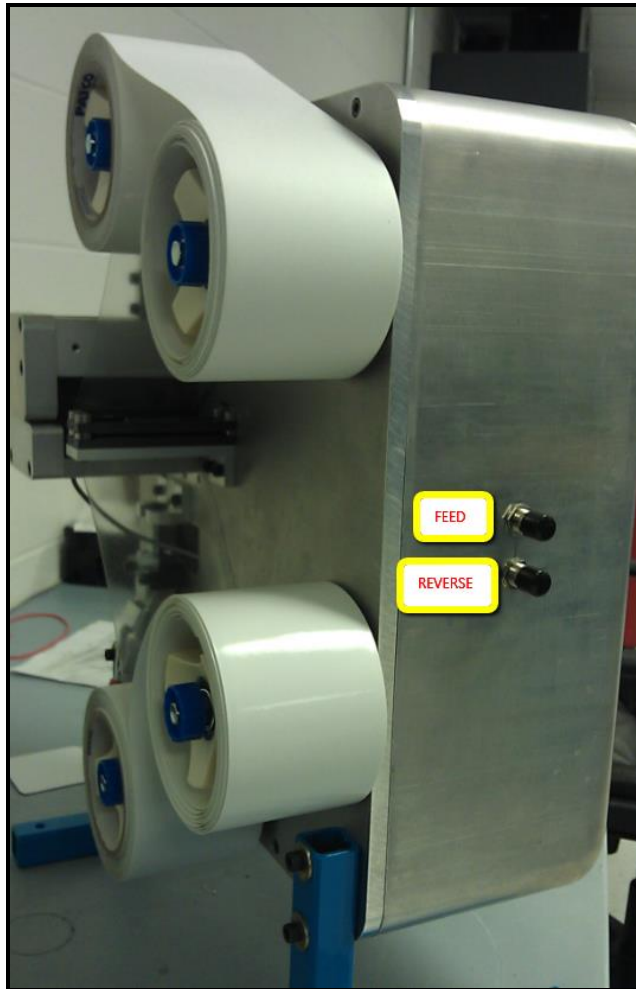


Figure 2

LAMINATING TAGS

Follow the procedure below to laminated tags:

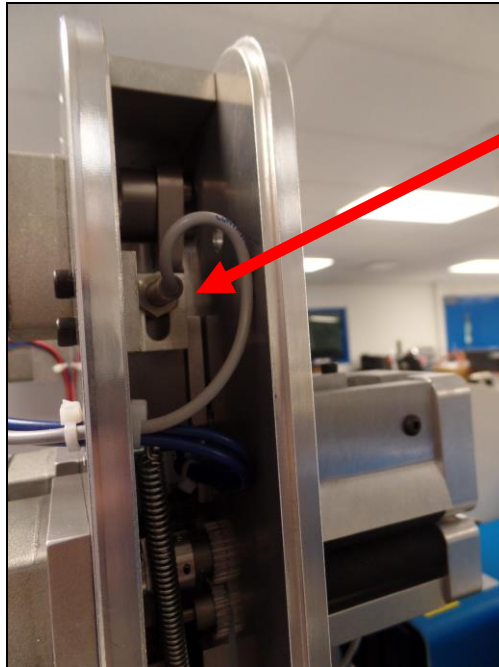
1. Turn the power to the laminator ON.
2. If the cut off wire is not in its up position it will move to the up position and stop.
3. Put a tag or string of tags into slot, being sure not to hold tag on side by laminator, and push in until it (they) is against the rollers. (Note: A single tag or string of tags must be at least 3" long.)
4. Hold the tag(s) against rollers with a slight pressure and after a one second pause the laminator will begin feeding the tag(s) into the laminator.
5. Release the tag when it begins to move.
6. The tag(s) will be fed into the laminator.
7. When the last tag, or the end of the single tag, is past the cut off point the cut motor will activate and lower the cut off wire through the tape. The hot wire will cut the tape and then rise back to its up position.
8. The last tag will then feed out until it is out of the last set of rollers and will drop out of the laminator.

TROUBLE SHOOTING

Problem	Possible Cause	Possible Solution
The cutter motor continues to run on power up.	The cutter prox sensor is out of adjustment or broken.	Adjust Cutter Prox sensor
Feed Rollers start to run on power up without tag inserted in guides	Tag In Detect Sensor blocked or defective	Check wires
Nothing happens when tags are inserted in slot	Tag In Detector Sensor Defective	Check wires
	Fuses Blown	Check fuses
	Defective Board	Contact InfoSight
Cut off wire moves down before tags are past the cutoff point	Tag Out Prox sensor out of adjustment or defective	Adjust Tag Out Prox sensor
Cut off wire moves down but doesn't cut tape	Cut off wire broken	Replace Cutoff Wire
	Defective controller board	Contact InfoSight
Tape is wrinkled on tags.	Tag feed not straight	Refeed Tag
	Incorrect Tension on Tape Rolls	Adjust Tension on Tape Rolls
Tape Backing Take-up Rollers not turning	Clutch out of adjustment	Adjust Clutch
	Loose Wires	Tighten Wires
	Loose Caps	Tighten Caps
	Defective Controller Board	Contact InfoSight
Tape Backing Take-up Roller pulling too much or not enough	Tension is too high or too low	Adjust Take-up Roller Tension

** Instructions on Corrective Actions described in table above **
 ** are given in the pages that follow **

ADJUST CUTTER PROX SENSOR



Cutter Prox sensor

1. Loosen the nut that holds the prox sensor in place.
2. Thread the prox sensor in (twist right) slightly.
3. Tighten the nut that holds the prox sensor in place.

CHECK/REPLACE FUSES

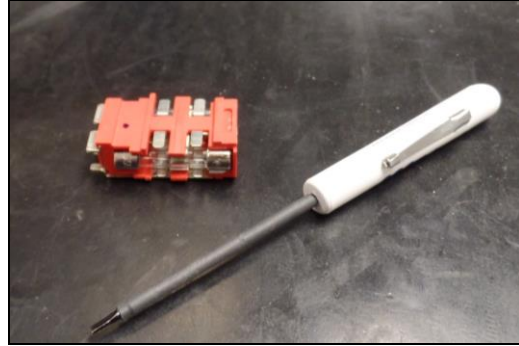
1. Turn the machine off.
2. The fuses are located directly above the power switch on the rear of the machine.



3. Flip the fuse cover down to reveal the fuse holder.
4. Use a small screw driver to pop the fuse holder out of the machine.



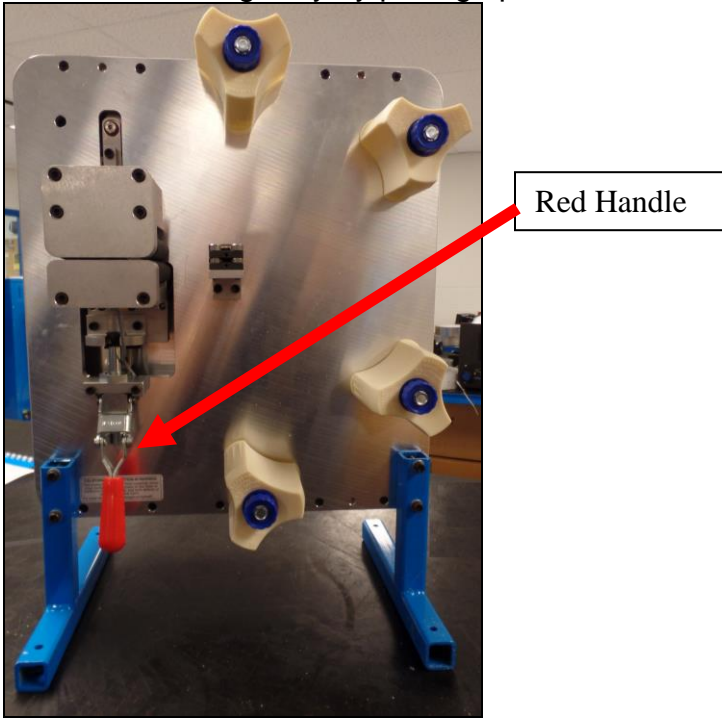
5. Slide the fuse holder out of the machine.



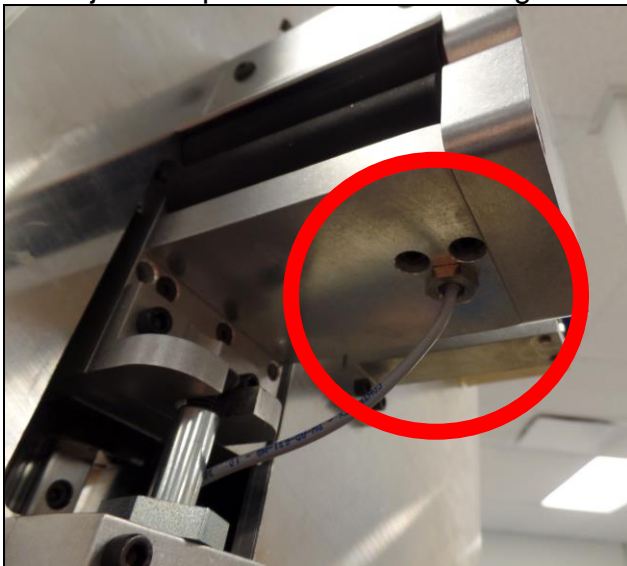
6. Replace any blown fuses.
7. Slide the fuse holder back into the machine. It will only go in one way.
8. Snap the fuse cover back into place.
9. Turn the machine on to resume operation.

ADJUST TAG OUT PROX SENSOR

1. Keep power on to the machine.
2. Lower the Tag Tray by pulling up on the red handle.



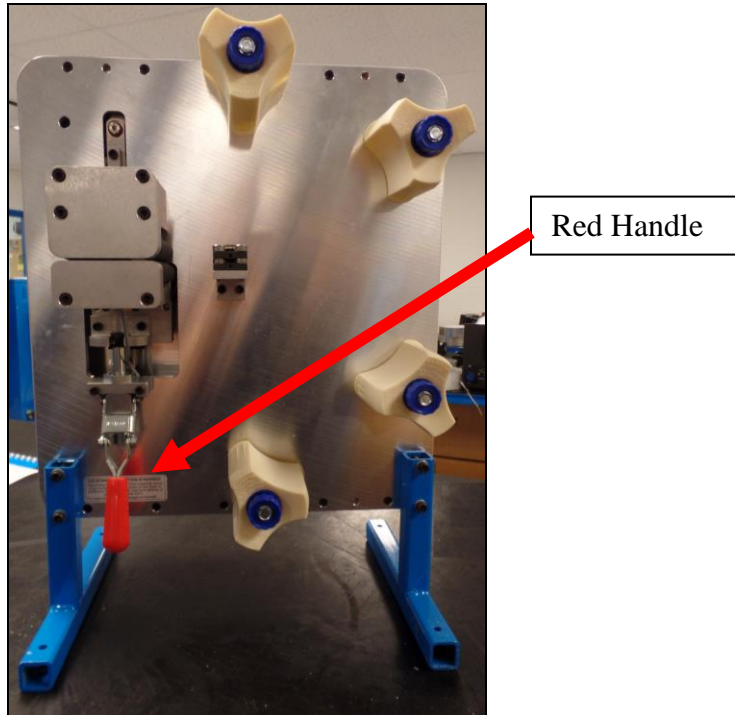
3. Lay a tag across the tray.
4. Loosen the nut on the tag out prox sensor. (underneath the tray).
5. Adjust the prox sensor until the light comes on.



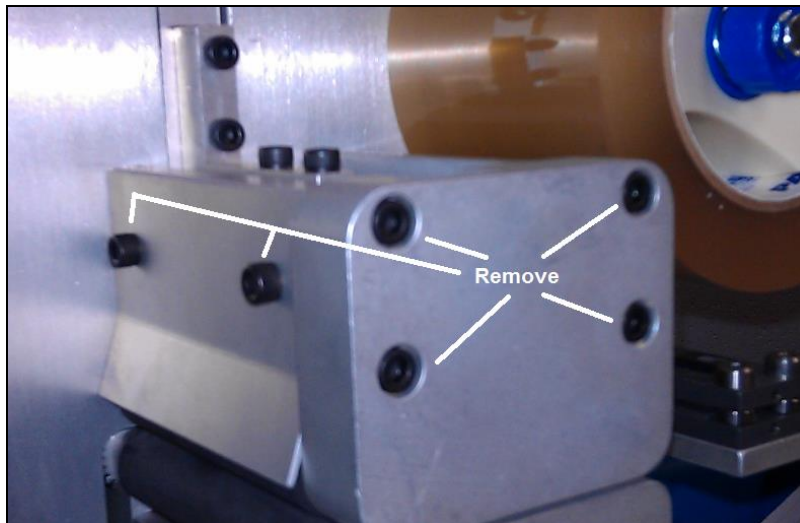
6. Tighten nut.

REPLACING CUTTING WIRE ITM19059

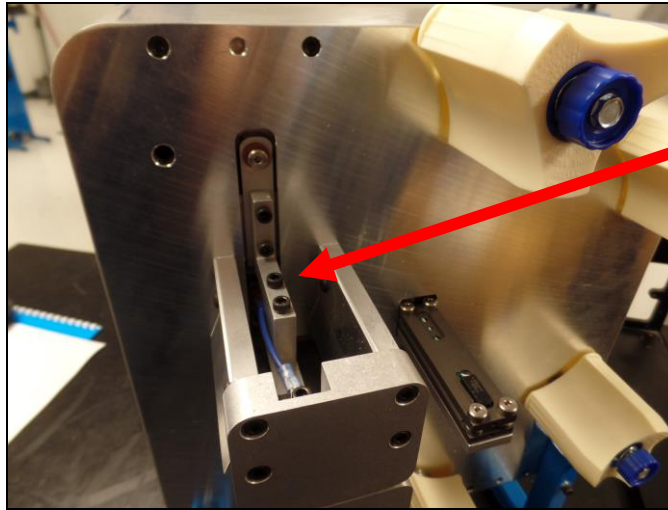
1. Remove Power from machine.
2. Unclamp pinch rollers by pulling up on the red handle.



3. Using an Allen wrench remove six cover screws pictured below.

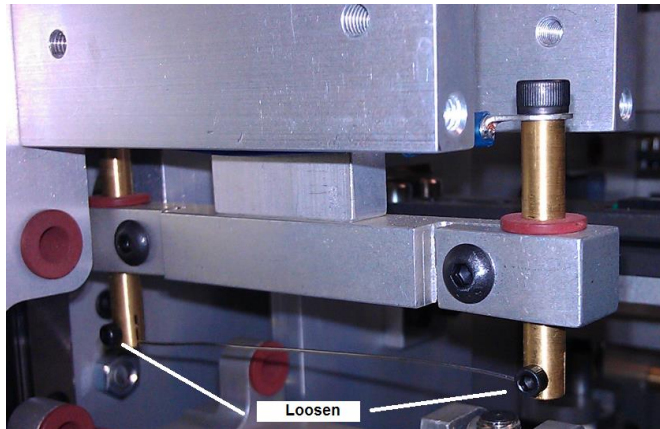


4. Push wire down by pushing on metal bracket. Push hard.



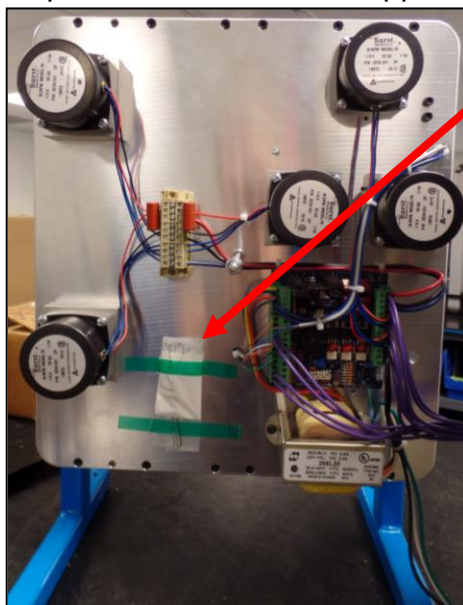
Push on this
metal bracket.

5. Loosen two screws securing cutting wire.



Loosen

6. Extract old wire from slots.
7. Replacement wires are shipped taped to the inside of the laminator.

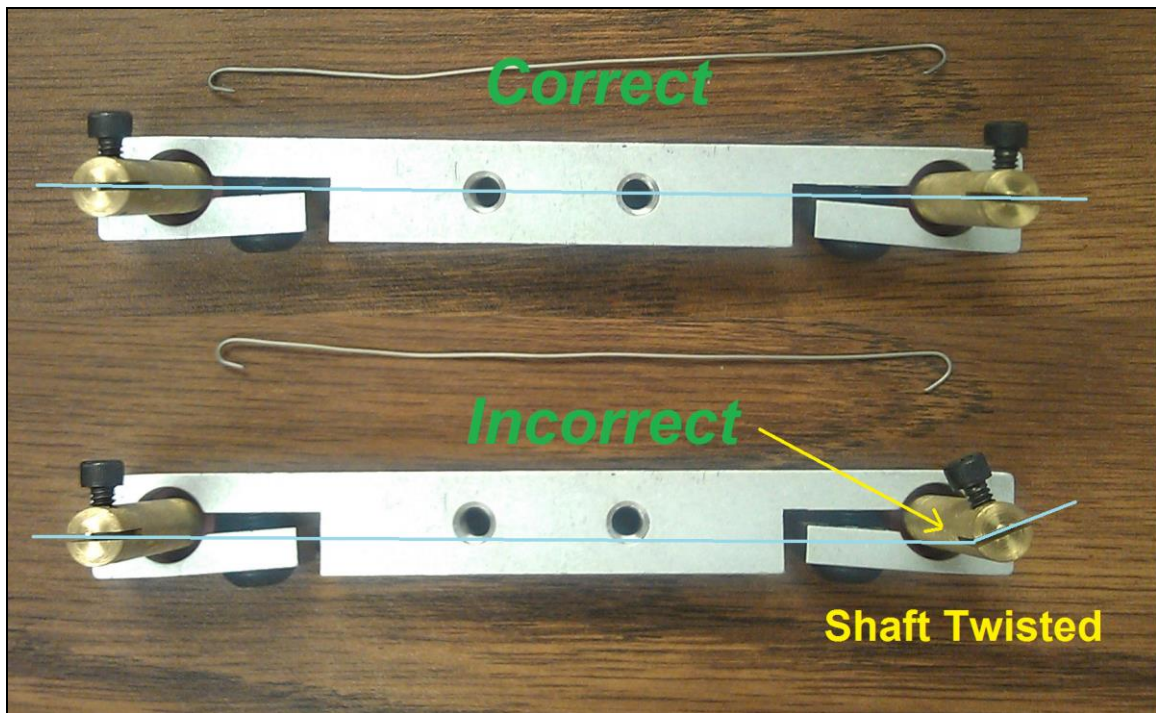


Replacement Wires

8. Wrap new wire around screws
9. Tighten wire retaining screws
10. Replace six cover screws.

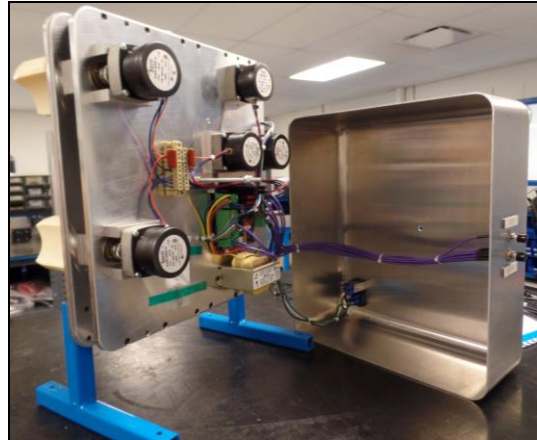
CORRECT POSITIONING OF WIRE HOLDER

Correct positioning for the two shafts that secure the wire cutter is required. If the wire does not go straight across the life of the cutting wire is greatly reduced.

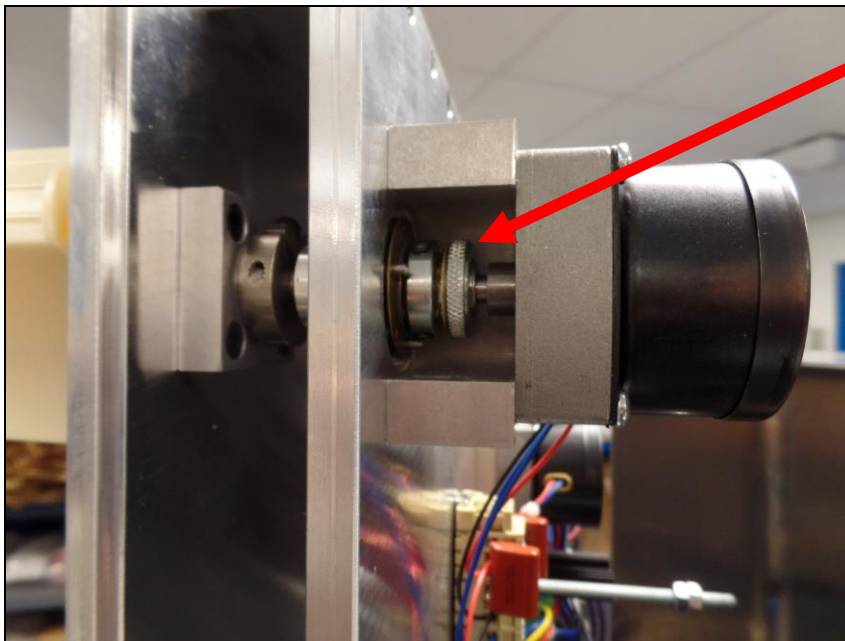


ADJUST TAPE ROLL TENSION

1. Remove Cover.
 - a. Unscrew thumb screw in the middle of the back of the machine.
 - b. Carefully slide cover off of machine and set aside.



2. Locate the Tension Adjustment on the side of the machine.

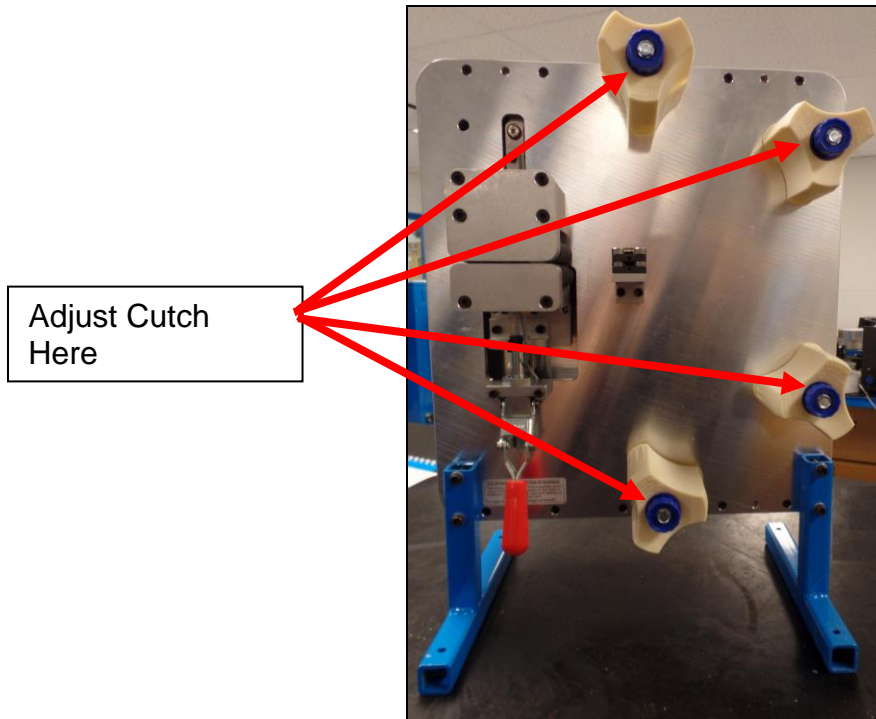


Tension Adjustment

3. Turn the adjuster up (clockwise) for more tension.
4. Turn the adjuster down (counterclockwise) for less tension.
5. Replace cover.

ADJUST TAPE ROLLER CUTCH

1. The clutch adjuster is the blue knob on the roller.
2. Turn clockwise to tighten.
3. Turn counter-clockwise to loosen.



CONCLUSION

This concludes the manual.