

COHU 1 Carrier Tape & Sealing Tape Change Work Instruction

Carrier Tape Change

1. Collect the correct carrier tape from the back room.
 - a. 8mm ULLGA
2. Cut the previous Carrier tape as shown in Figure 1.
3. Cut the previous sealing tape as shown in Figure 2.
4. Press the motor down button on the screen in the 'Shortcuts' menu.
5. Remove by hand the rest of the previous carrier tape through the machine.
6. Make note of the direction the label is facing on carrier tape roll.
7. Remove previous roll of carrier tape.
8. Cut seal of new carrier tape.
9. Cut end with tape off new carrier tape.

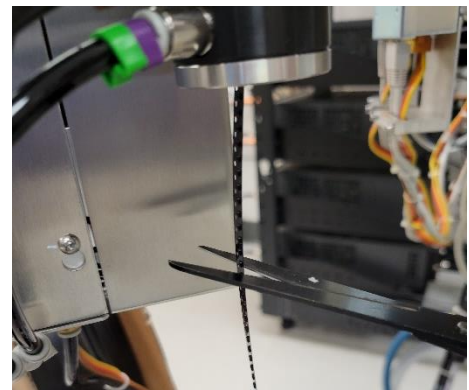


Figure 1



Figure 2

10. Load new roll of carrier tape.
11. Direct carrier tape through lower rung directly underneath carrier tape roll as shown in Figure 3.
12. Snip the end of carrier tape as shown in Figure 4.
13. Direct the carrier tape through the cylindrical guide.

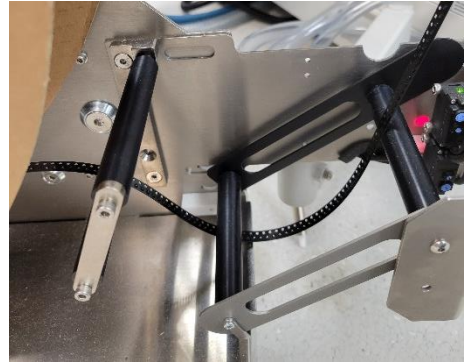


Figure 3



Ensure that the carrier tape is facing pockets down when entering the machine.

14. Direct carrier tape through upper rung underneath sensor.
15. Insert carrier tape into the COHU.
16. Press the motor down button on the control panel.
17. Use air gun to advance carrier tape through the machine.

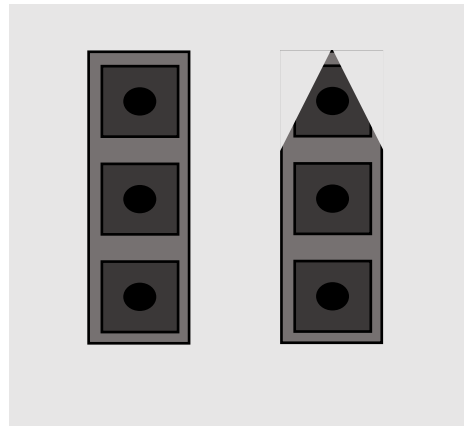


Figure 4

18. When tape is under the sealing camera use the sprocket underneath the carrier tape track to advance the carrier tape through as shown in Figure 5.

19. Advance tape until it is sticking out the end of the carrier tape track.

20. Make sure the carrier tape pockets are sticking vacant side up.

21. See Sealing Tape instructions to apply sealing tape.

22. Perform Peel-Force test according to SN06312 if sealing tape does not need to be changed.

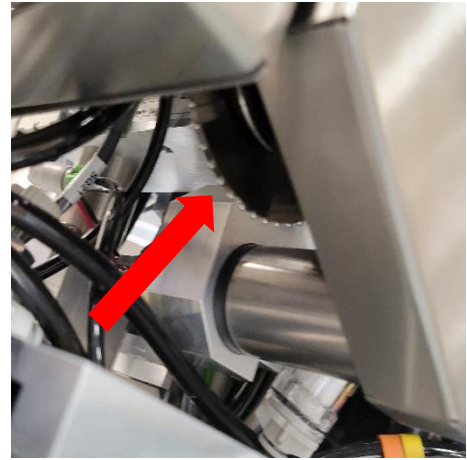


Figure 5

Sealing Tape Change

1. If Sealing Tape is low, go to the back room and collect a new reel of sealing tape.
 - 8mm
2. If the previous sealing tape is not cut, cut the sealing tape as shown in Figure 6.
3. Open the plastic cover on the previous sealing tape.



Figure 6

4. Remove the previous sealing tape.
5. Remove the end of the roll of the new sealing tape and cut it with a scissors.
6. Load the new sealing tape onto the COHU.



Figure 7



WARNING!
Metal sealing tape cover is HOT!

7. Remove metal sealing tape cover by loosening the two knobs at the top of the metal cover shown in Figure 8.
8. Place the metal cover to the side, allowing it to cool.

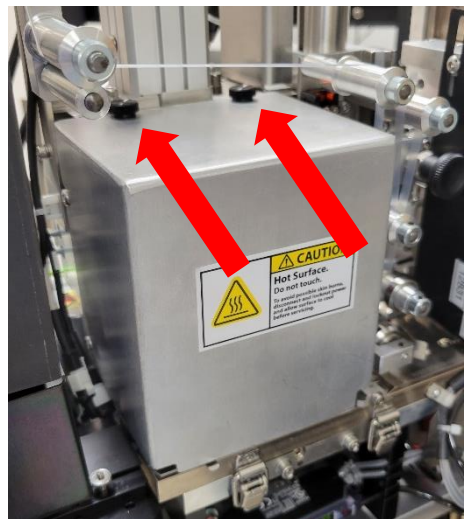


Figure 8

9. Grab the end of the sealing tape and move it to the sealing tape entry point.
10. With your right index finger keep the sealing tape next to the entry point while adding length with your left hand.

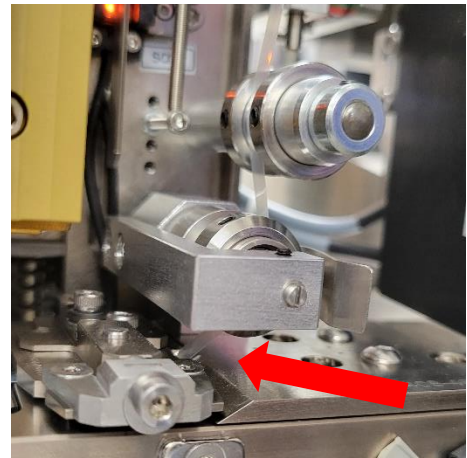


Figure 9



You don't need to wrap sealing tape around the sealing tape spindles until the sealing tape is aligned over the carrier tape.

11. Add enough length to at least match the length of the carrier tape.
12. Grab the carrier tape at the carrier tape end and at the entry position and stretch the sealing tape slightly.
13. Remove the pin that is blocking the carrier tape track positioned in slot 8 as shown in Figure 10.
14. Insert the sealing tape into the sealing tape track.

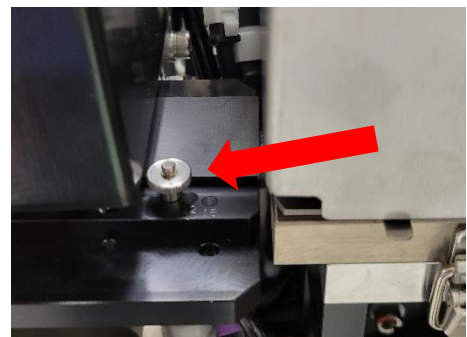


Figure 10

15. When inserted into the track, move the tape back and forth slightly in a “flossing” motion to move the sealing tape above the carrier tape.



Be careful not to break the tape when inserting sealing tape into the carrier tape track.

16. Continue to move sealing tape back and forth until sealing tape is over the carrier tape as shown in Figure 11.

17. Ensure sealing tape is aligned over the carrier tape.

18. Once aligned, ensure sealing tape and carrier tape are aligned at the exit point.

19. Replace the pin in slot 8.

20. Refer to sealing tape diagram on the plastic sealing tape cover and position sealing tape around spindles to match as shown in Figure 12.

21. Cover sealing tape roll with plastic sealing tape cover.

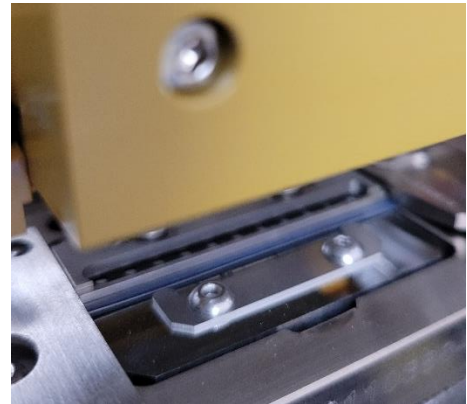


Figure 11



Figure 12



Ensure that the sealing tape is not twisted at any point when over the carrier tape or woven in the spindles.

22. Cover sealing tape track with metal cover and tighten both knobs.
23. Press Purge and Cut on the COHU terminal to advance tape through the Seal Shoe.
24. Ensure tape is aligned and sealed when exiting the seal shoe.
25. Purge and Cut tape more than once to ensure tape is sealing correctly.
26. Purge and Cut tape for a peel-force test for new sealing tape.
27. Gather temperature, pressure, and dwell for peel test.
28. Perform peel-force test according to procedure SN...
 - If Peel-Force Test fails multiple attempts, clean sealing shoe according to procedure SN...