

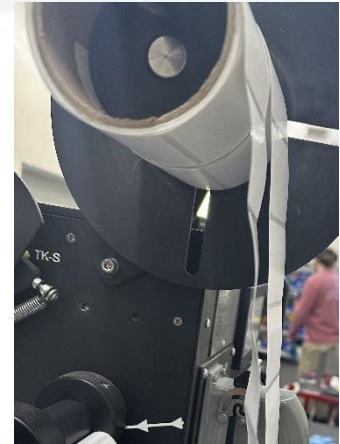
Vacuum Check

For UniPrint121EB SSLAW/SSHSLA Machines

If the label is being dispensed on the blow head and falls off, follow this process to check the vacuum system.

1. Examine the air tubing around the vacuum system for any water, oil or particulates in them. The air tubing should be clear and clean. If it is not, SCS or send the unit for replacement/repair as the machine requires clean dry air to function correctly and there may be other problems created from the contaminated air.

2. Labels that are cupping. Although this can happen at any time it happens most as the roll of labels gets closer to the core. As in this picture, you will see that as the labels come off the outside roll the label retains the same shape as the core as opposed to the roll on the inside that is much straighter. This can cause the label to fall off the blow head after the label is dispensed because the label will not lie flat.



If you have labels that are cupped, try a roll that doesn't have cupping labels.

3. On earlier machines, there was a check valve in the vacuum path. *Please note that the check valve pictured may not look exactly like your as there were a couple of manufacturers we used during manufacturing.*



If the machine in question has a check valve, use a section of 1/4" tubing to remove it from the air path.

Do not get this confused with an air filter as pictured below as this should be used.



4. Make sure the mac valve is working by:
 - a. First removing the 1/4" tubing from the pline input to the vacuum generator.

Do this by pushing in the orange ring and pulling the tubing out.



- b. Once disconnected, if the HMI is v1.0, continue to the next step. If it is 2.0 skip to step g.



1.0

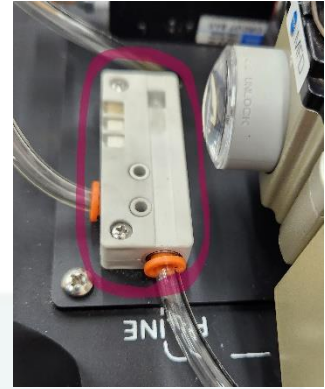


2.0

Please note that although this is a SSLAW what you are looking for, is the header ending in 2.0

- c. cover the lbl sensor on the blow head with a label.
 - d. **While holding down the disconnected tubing**, manually feed a label (the lbl sensor should still be covered). There should be a significant amount of air coming out of the tubing.
 - e. To stop the flow of air, remove the label covering the lbl sensor or turn off the air at the disconnect.
 - f. Skip to step j.
 - g. On the 2.0 HMI enter maintenance mode ("Maint" button in the lower left corner) then press the "Bypass Menu" button.
 - h. **While holding down the disconnected tubing**, press the Vacuum button in the middle of the screen. There should be a significant amount of air coming out of the tubing.
 - i. To stop the flow of air, press the Vacuum button again.
 - j. If there was no air, the mac valve is bad or there is a wiring problem within the machine. You can replace the mac valve with one you have in stock or SCS/send the unit in for replacement/repair.

5. If there was air in the previous step, replace the vacuum generator.



If this does not fix the problem, replace the machine (SCS, Spare Machine, Send to IMI for Repair).

6. To help filter the air before the vacuum generator, we suggest you insert an air filter where the old check valve resided. This filter will extend the life of the vacuum generator. *Please note that this filter will not stop liquids but will stop debris that could clog the vacuum generator.* This can be purchased in Coupa # 7187558.

