

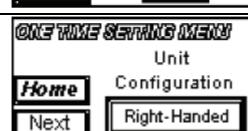
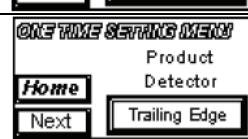
LA4700 CONFIGURATION SHEET – ONE TIME SETTINGS

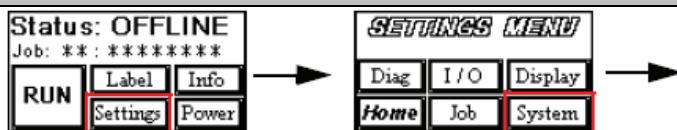
Power On →


Versions:

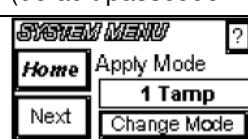
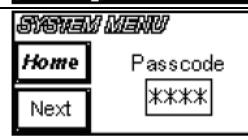
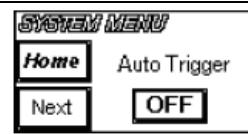
MCA III	**.**
GUI	1.07
RFID	**.**
<input checked="" type="checkbox"/> ESN	*****

Most of these items were determined when the unit was assembled; so only configurations that have changed require this adjustment. These selections can only be accessed when the unit is first powered up. This can be done when the power is first applied, or when the unit is taken out of StandBy.

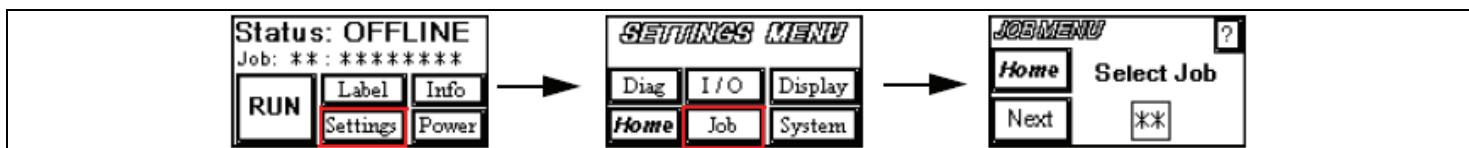
	If the Label Present sensor is installed on the unit, press the button below the text until it displays "Yes".	
	If the Auto Retract sensor is installed on the unit, press the button below the text until it displays "Yes".	
	. The choices are left and right handed, based on the direction of the printer on the baseplate.	
	The selections are leading or trailing edge. Leading edge, the label is justified to the front or leading edge of the product. Trailing edge, the label placement is justified to the back or trailing edge of the product.	

LA4700 CONFIGURATION SHEET – SYSTEM SETTINGS


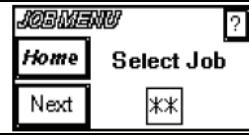
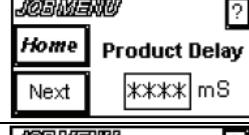
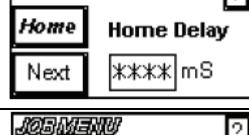
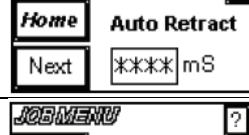
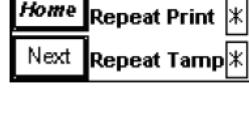
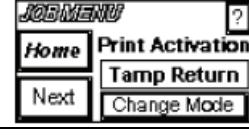
Beginning in the Offline mode, press the Settings button. From the Settings Menu, which can be passcode protected (default passcode from the factory is 9999), select the System button choice. This enters the System Menu selections.

	The system can be selected to Tamp, Tamp/Blow, or Blow. In addition, there are selections for having a double apply for applications such as Front Apply Swing Arms (FASA) or dual label per product.	
	This is requested if the system is locked when a user attempts to enter the Settings Menu. If the Passcode is set to "0000", the Passcode is disabled.	
	Auto Trigger is used to continuously cycle the tamp actuator with a product detector. It is used for diagnostic purposes only. In order to disable this you have to set it to OFF them cycle the power for changes to take effect	ALWAYS OFF

LA4700 CONFIGURATION SHEET – JOB SETTINGS



Beginning in the Offline mode, press the Settings button. From the Settings Menu, which can be passcode protected (default passcode from the factory is 9999), select the Job button choice. This enters the Job Menu selections.

	From this screen the user can switch jobs, thus recalling multiple job settings at once. The system stores up to 60 jobs in non-volatile memory.	
	From the Product Delay screen the time delay between product detector trigger and application cycle can be adjusted.	
	This setting controls the extension stroke time. If the auto-retract sensor is not used, this is the only setting that controls the retraction of the tamp cylinder.	
	In this screen, a waiting period between the cylinder returning home and the next label printed can be adjusted. This delay can be useful for allowing the tamp pad to settle, before a label is advanced from the printer.	
	The auto-retract sensor will detect the product surface before contact. If the delay is set too short, the tamp pad may never hit the product. If set too long, it will hit the product too hard. If it is set to zero, the auto-retract will be disabled.	
	The Repeat screen allows a safe guard to be set to prevent multiple labels to be fed for a single tamp, and/or prevent multiple application attempts of the same label. The repeat print function can set a limit to the number of labels fed to the tamp pad for a single application cycle. Likewise, the repeat tamp function can prevent applying the wrong label to the next product.	
	In this screen, the trigger for printing the next label is selected.	

LA4700 CONFIGURATION SHEET – MCM SETTINGS

	<p><u>Press SET button for 1 second for Actuator Speed</u></p> <p>Once the profile number is flashing, press the SET button momentarily to advance through the profile settings. When the desired value appears, wait for the display to stop flashing to set the value. Re-adjust the Tamp Duration after making speed changes to avoid stroking actuator to the maximum position.</p>	
	<p><u>Press SET button for 2 seconds for Vacuum Fan Speed</u></p> <p>Once the profile number is flashing, press the SET button momentarily to advance through the profile settings. When the desired value appears, wait for the display to stop flashing to set the value.</p>	
	<p><u>Press SET button for 3 seconds for Contact Hit Sense</u></p> <p>Once the mode number is flashing, press the SET button momentarily to advance through the profile settings. When the desired value appears, wait for the display to stop flashing to set the value.</p>	

APPLICATOR SERIAL NUMBER:

PRINT ENGINE SERIAL NUMBER:

LINE DESIGNATION:

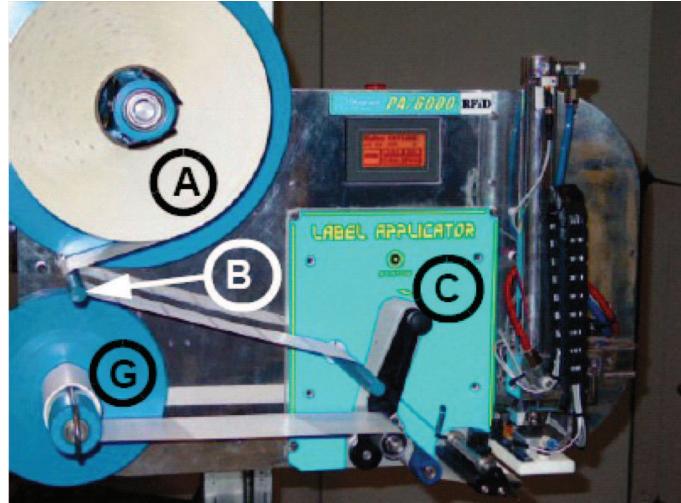
**TAMP
FASA
WASA**

** Step 10 - Load the Media

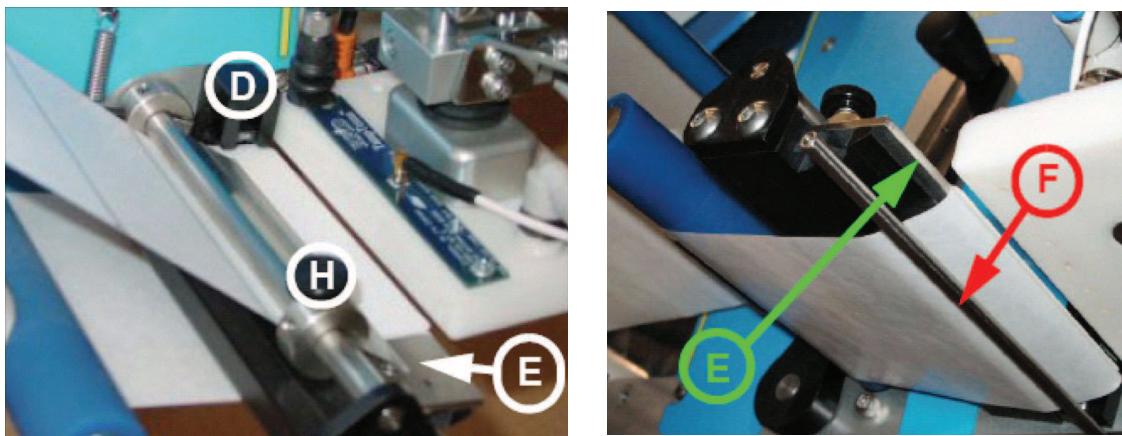
Goal: Correctly load the label supply and web the applicator.

LABEL SUPPLY CHANGEOUT

Begin by removing the last supply roll core and remaining label liner from the system. Insert the new roll over the unwind fins and press roll firmly against the unwind disk (A). Remove 2 feet of labels from the liner to create a leader. Route the liner around the dancer arm (B) and feed into the drive module. Feed the liner through the gap sensor (D), and around the peel blade (E). **Be sure to avoid webbing over the air assist tube (F).** Open the nip roller arm lever (C). Take the liner to the rewind (G), and use the clasp to retain it. Once the liner is tracking straight, side the outer web guide collar (H) against the liner to keep it from walking out of the gap sensor path.



The label change out can be accomplished in less than a minute by an experienced user.



7.2 Warning, Error, and Diagnostic Codes

Warnings

Warnings are displayed to indicate that there is a temporary situation that may require operator intervention. These warnings to not stop machine operation. Some warnings will clear on the next successful attempt, while others require an offline pause to clear.

Status: ONLINE

All Ok Message line for Warnings

Warning on Display	Meaning
All Ok	Labeler operation normal; no warnings or errors
Ribbon Low (W01)	Printer reports ribbon low
Label Low (W02)	Labeler reports label low through optional Label Low sensor
No Format (W03)	Labeler wishes to print a label but no format is loaded in printer. Send format to the printer to continue operation
RFID Tag Bad (W04)	Labeler has detected a bad RFID tag during encoding process
RFID Verify Error (W05)	Labeler could not verify encoded tag information once applied to product
Serial Cmd Error (W06)	Labeler received data that did not match any known commands
Timing Violation (W07)	Labeler received a product detection trigger but could not start timing sequence, since the apply cycle was not complete. On a FAS4 system, this could mean that the second apply cycle has a product delay that is too short.
Label on Detector 1	Labeler is waiting for Product Detector 1 to trigger before printing the next label
Label on Detector 2	Labeler is waiting for Product Detector 2 to trigger before printing the next label
Retract Sensor (W08)	The labeler detected the optional auto-retract sensor was covered during the extension cycle, prior to product contact. This could indicate a label fed beyond the pad, and covered the auto-retract sensor, thus forcing the labeler to return from time-out only.

Errors

Errors are displayed on individual screens to show possible causes for the error. An error will stop labeler operation, and illuminate the red segment of the warning tower, if present.

Screen	Screen	Screen
E01 - Printer	E02 - Repeat Print Cycle	E03 - Repeat Tamp Cycle
Status: ERR	Status: ERR	Status: ERR
Printer [E01]	Repeat Print Cycle [E13]	Repeat Tamp Cycle [E13]
1. Cover Open 2. Head Open 3. Check Printer Display	1. Label removed before print 2. False product trigger 3. Incorrect apply angle	1. Label stuck to tamp pad 2. False product trigger 3. Incorrect apply angle
OK	OK	OK
E04 - Cylinder Not Home	E05 - Ribbon Supply Out	E06 - Motor Control Module
Status: ERR	Status: ERR	Status: ERR
Cylinder Not Home [E14]	Ribbon Supply Out [E15]	Motor Control Module [E16]
1. Sensor requires adjustment 2. Cylinder damage	1. Replenish Ribbon Supply 2. Cylinder	1. Module is turned on 2. Module is connected 3. Err on Module ?
OK	OK	OK
E07 - Rewind Tension	E08 - Label Supply Out	E09 - Second Apply Error
Status: ERR	Status: ERR	Status: ERR
Rewind Tension [E07]	Label Supply Out [E18]	Second Apply Error [E04]
1. Label is broken 2. Motor is stalled	1. Replenish Label Supply 2. WebPath	1. System not ready for 2nd 2. Increase 2nd Delay 3. Increases Print Speed
OK	OK	OK
E10 - External Input		
Status: ERR		
External Input [E10]		
1. Discrete Input [E10] 2. Incorrect Config.		
OK		
Motor Control Module Codes		
These codes are displayed on the 2-digit display of the MCM during operation		
2-Digit Display	Meaning	
88	Power-up LED check	
Pb	Push button is stuck on	
Ur.....XX	Version (M) followed by 2-digit firmware version	
E1	Error - Motor controller overcurrent, undervoltage, hall sensor error upon actuator return	
E2	Error - Movement time-out. Actuator did not return home after 15 seconds	
E3	Error - Motor controller driver damaged, hall sensors not connected or intermittent, power source error check at time of power-up	
Eh or Pulsing Eh	Error - MCA is in E-Stop, so MCM is paused and locked out from movement compensation measurement	
t.....tc	Tamping, then as movement begins, the c appears to indicate a retracting	
r.....rh	retracing, then as the actuator reaches home, the h appears to indicate the actuator is now home	