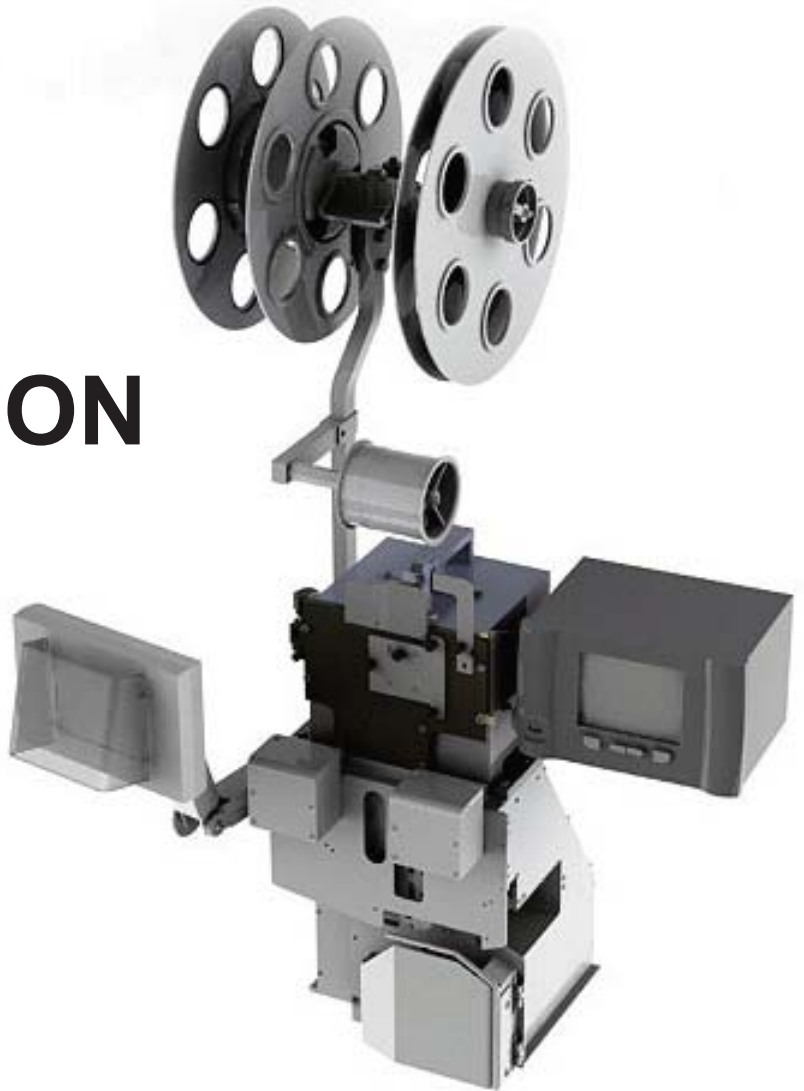


TYPE 883R

PRINTER INSTRUCTION MANUAL

(FOR 893 ULTRA
CLOSING MACHINE)



TYPE

MODEL

SERIAL NO.



Kwik Lok® CORPORATION

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GENERAL SAFETY INFORMATION

BE SURE THE FOLLOWING SAFETY INSTRUCTIONS ARE READ, UNDERSTOOD AND BECOME PART OF DAILY PRACTICE WHEN OPERATING OR MAINTAINING THE PRINTER.

1. Do not attempt to operate the printer until you understand its function.
2. Never operate the printer unless all guards are in place.
3. Compressed air is potentially dangerous. All maintenance and adjustments must be performed by competent personnel.
4. Always disconnect the air supply before removing any safety covers or when making adjustments to the printer, unless otherwise directed.
5. Keep all foreign material and fingers away from all moving parts.

SmartDate®, and CoLOS® are registered trademarks of markem-imaje®.

The Kwik Lok 883R Printer is  certified.

For technical support during regular business hours, call your local Kwik Lok distributor. For 24/7 technical support call Kwik Lok Corporation at 1 800-6885945 if you are in the continental U.S. For those outside the U.S., please dial + 1-509-248-4770.

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The shape of the closure is a trademark of Kwik Lok Corporation.

883R 06 16

SECTION I

Specifications

883R THERMAL PRINTER SPECIFICATIONS

Type	Model Designation			Packages Per Minute	Voltage	Printer	Other Closures & Closure-Labels
	Model	Closure	Flow				
883R	A	J-NRP	R or L	Up to 120 PPM for Closures.	100-230 VAC	SmartDate®X60	TF, PF, CFJ
883R	A	JM-NRP	R or L			SmartDate®X60	TFM, PFM
883R	B	J-NRP	R or L	Up to 85 PPM for Closure-Labels.		Adapter Only	TF, PF, CFJ
883R	B	JM-NRP	R or L			Adapter Only	TFM, PFM

ANVILS:

Z8083018 R Anvil-Flat: For closures and w/limited printing on closure with PF, PFM, TF or TFM closure labels.

Z8083019 R Anvil-Stepped "TF" Label: For TF or CFJ closure labels w/printing all around closure.

Z8083021 R Anvil-Stepped "PF" Label: For PF closure labels w/printing all around closure.

Z8083024 R Anvil-Stepped "PFM" Label: For PFM closure labels w/printing all around closure.

Z8083025 R Anvil-Stepped "TFM" Label: For TFM closure labels w/printing all around closure.

AIR REQUIREMENTS:

The air supply must be clean and dry.

Maximum pressure: 150psi (10 bar).

Minimum pressure: 75psi (5 bar)

Peak required flow: 6 scfm @ 75psi (28 liters/minute @ 5 bar).

Typical average flow at 50 bags / minute: 1.5 scfm (7 liters / minute @ 5 bar)

The printer mounts on the Kwik Lok type 893A automatic closer only.

Accessories available for the markem-imaje SmartDate

P37-00007	Beacon - Ribbon Fault - SmartDate
P37-00041	Software - CoLOS Enterprise
P37-00042	Software - CoLOS Create Professional
P37-00069	Print Head - SmartDate
P37-00070	Ribbon Cassette - Right-hand
P37-00071	Ribbon Cassette - Left-hand
P37-00052	Scanner - Product Select
P37-00072	Kit - Spare Parts - SmartDate

SECTION I

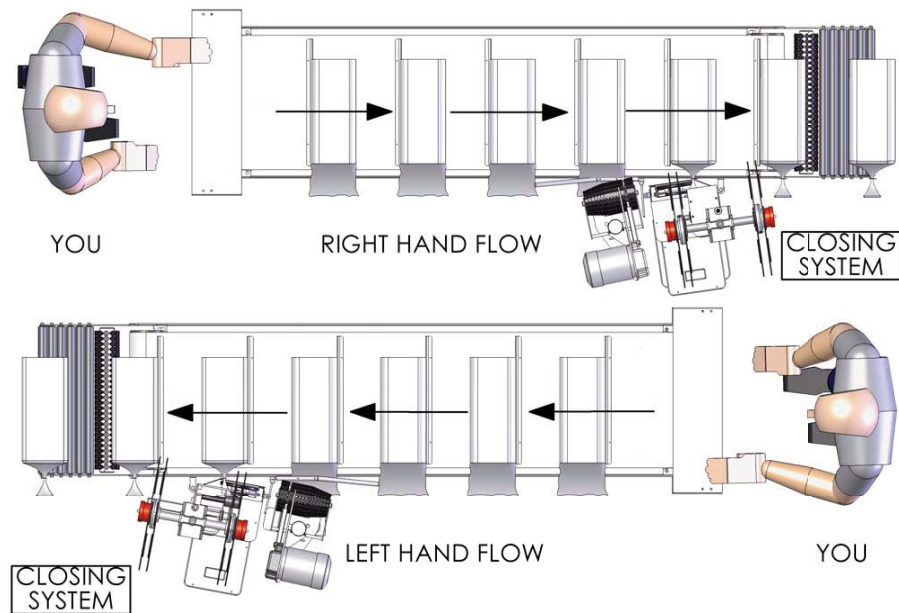
Specifications

FLOW DIAGRAM:

To determine the correct flow direction, visualize your package moving away from you towards the closing machine.

If the open end of the bag is on your right - hand side the flow direction is RIGHT - HAND.

If the open end of the bag is on your left - hand side the flow direction is LEFT - HAND.



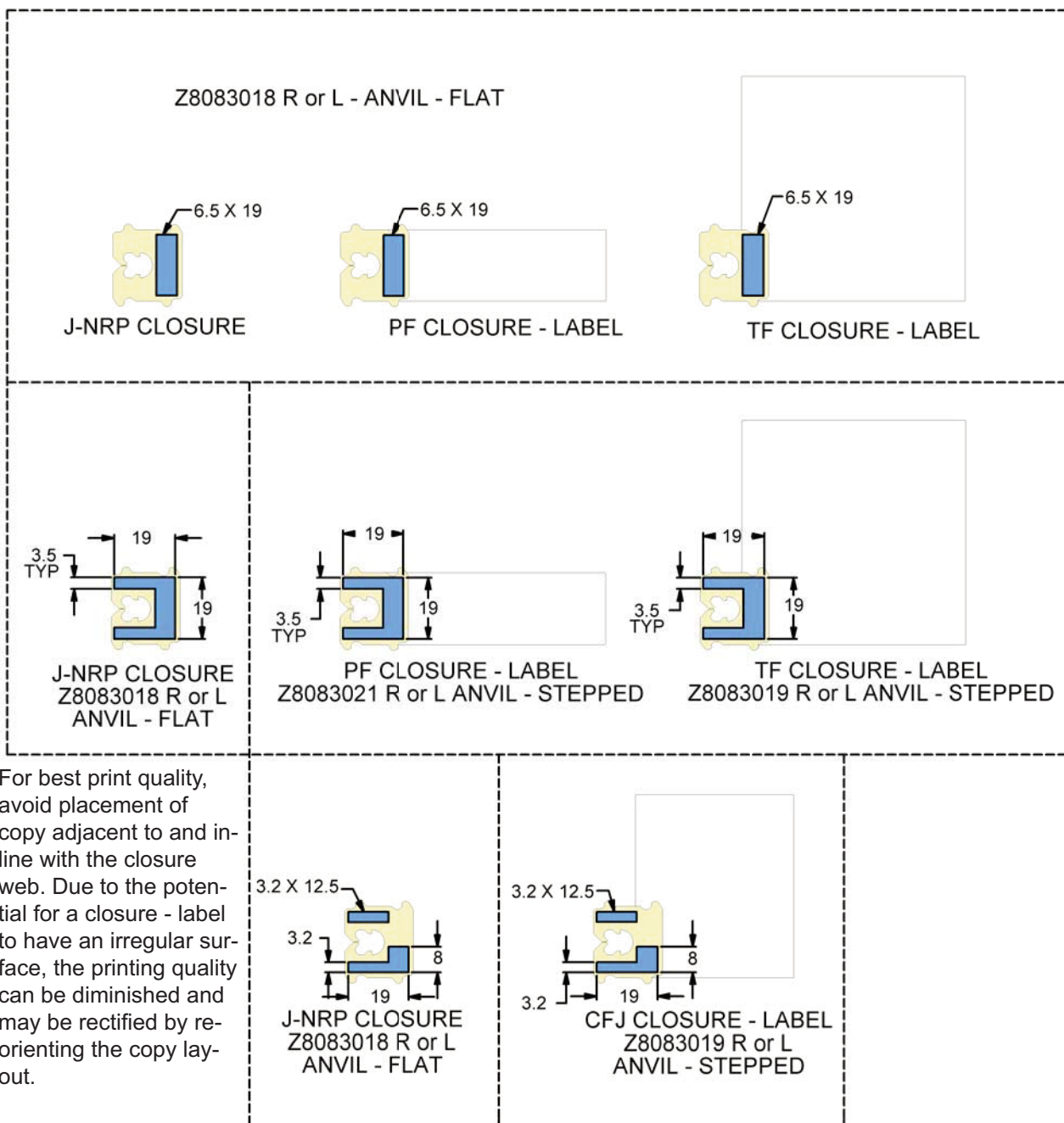
SECTION I

Specifications

RECOMMENDED USABLE PRINT AREAS FOR SERIES J-NRP CLOSURES.

The printable area on the closure depends on the type of closure to be printed on as well as the closure opening size. The printer is capable of printing to within 1/16" (1.6mm) from the edge of the closure or closure opening. It is advisable to adhere to this outline to assure the print image fits entirely on the closure. Use consistent design windows, so all printed impressions are within the same printable area.

ALL PRINTED AREAS DESCRIBED ON THIS PAGE DIMENSIONED IN MILLIMETERS.



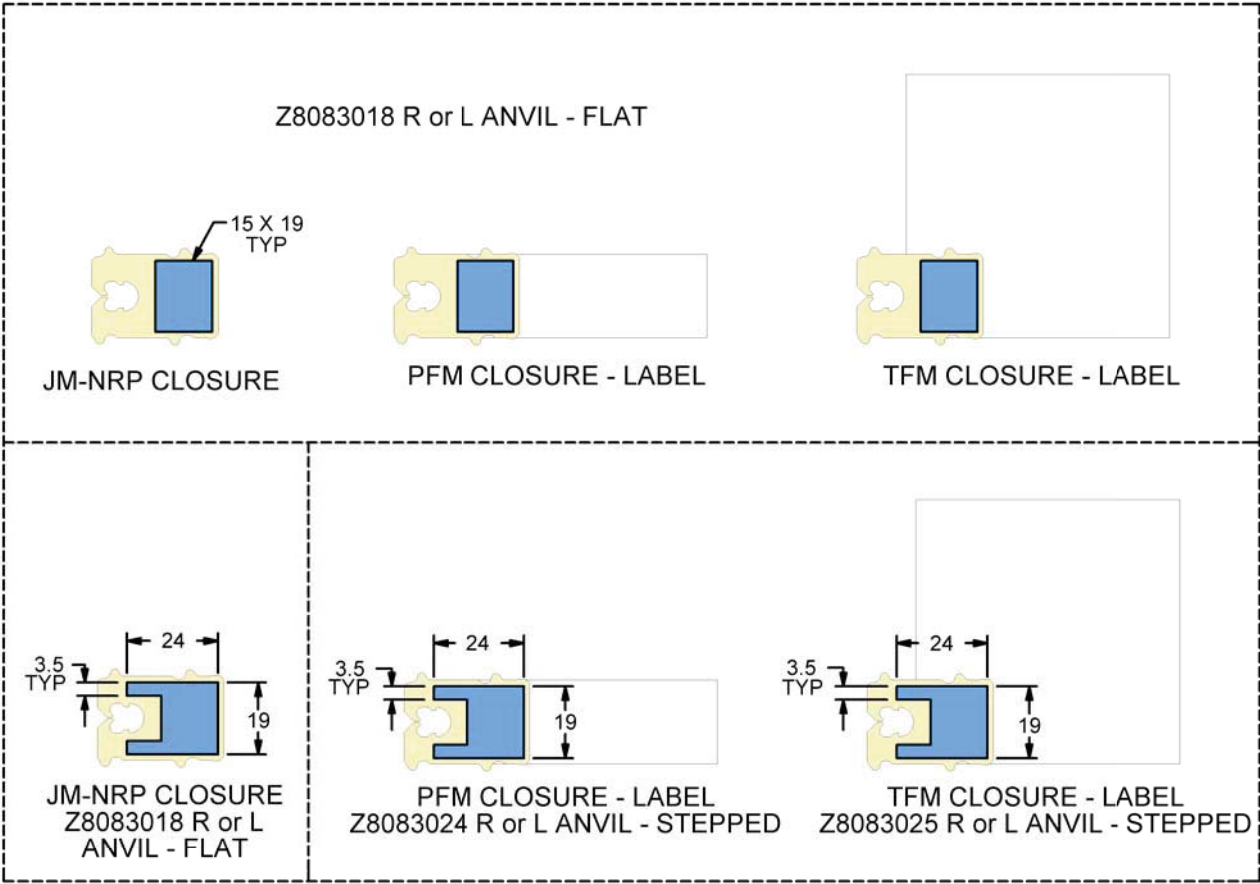
SECTION I

Specifications

RECOMMENDED USABLE PRINT AREA FOR SERIES JM-NRP CLOSURES.

The printable area on the closure depends on the type of closure to be printed on as well as the closure opening size. The printer is capable of printing to within 1/16" (1.6mm) from the edge of the closure or closure opening. It is advisable to adhere to this outline to assure the print image fits entirely on the closure. Use constant design windows so all printed impressions are within the same printable area.

ALL PRINTED AREAS DESCRIBED ON THIS PAGE DIMENSIONED IN MILLIMETERS.



For best print quality, avoid placement of copy adjacent to and in-line with the closure web. Due to the potential for a closure - label to have an irregular surface, the printing quality can be diminished and may be rectified by re-orienting the copy layout.

SECTION II Installation

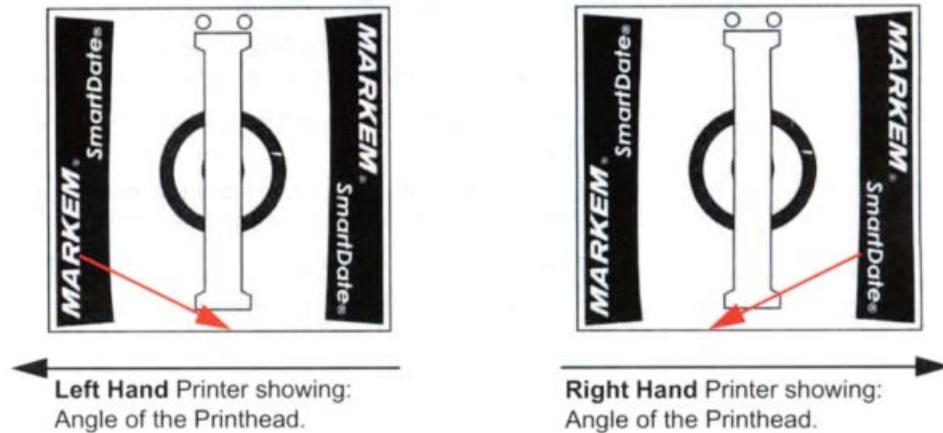


Figure 2.1

A. RIGHT OR LEFT HAND PRINTER MODELS: Figure 2.1

The SmartDate X60 printer can be left or right-hand oriented. It is important that the orientation of the printer and the closer match. A right-hand printer is required for a right-hand closer. A left-hand printer is required for a left-hand closer. The orientation must be determined and changed, if required, prior to the mounting of the printer. To change the orientation contact markem-imaje.

B. PROCEDURE TO MOUNT THE THERMAL TRANSFER PRINTER ON THE 893A CLOSER: Figures 2.2-2.6

1. Remove the top cover, back cover and infeed track from the 893A closer (or previous printer if applicable).
2. Route the "Out of closure" cable through the slot in the printer mounting base. Route the cable in back of the shield as the printer is being mounted on the 893A closer.
3. Line up the 883R lok track with the 893A lok track and secure with two 8-32 x 3/8" skt hd cap screws.

This positions the printer mounting base for securing to the 893A with four 1/4-20UNC x1 hex head screws.
4. Connect the "Out of closure" cable into the three pin connector located at the top side of the 893A controller board (Figure 2.3). Replace the back cover.
5. Secure the printer head unit in the 883R printer mount with four 6mm x 16mm skt hd cap screws.
6. Bolt the P37-00008 Controller mount to the 883R mount base using two 1/4-20UNC x 1" hex hd bolts and flat washers.
7. Secure the printer controller to the mounting plate with two 6mm x 20mm skt hd cap screws (Figure 2.4).

SECTION II

Installation

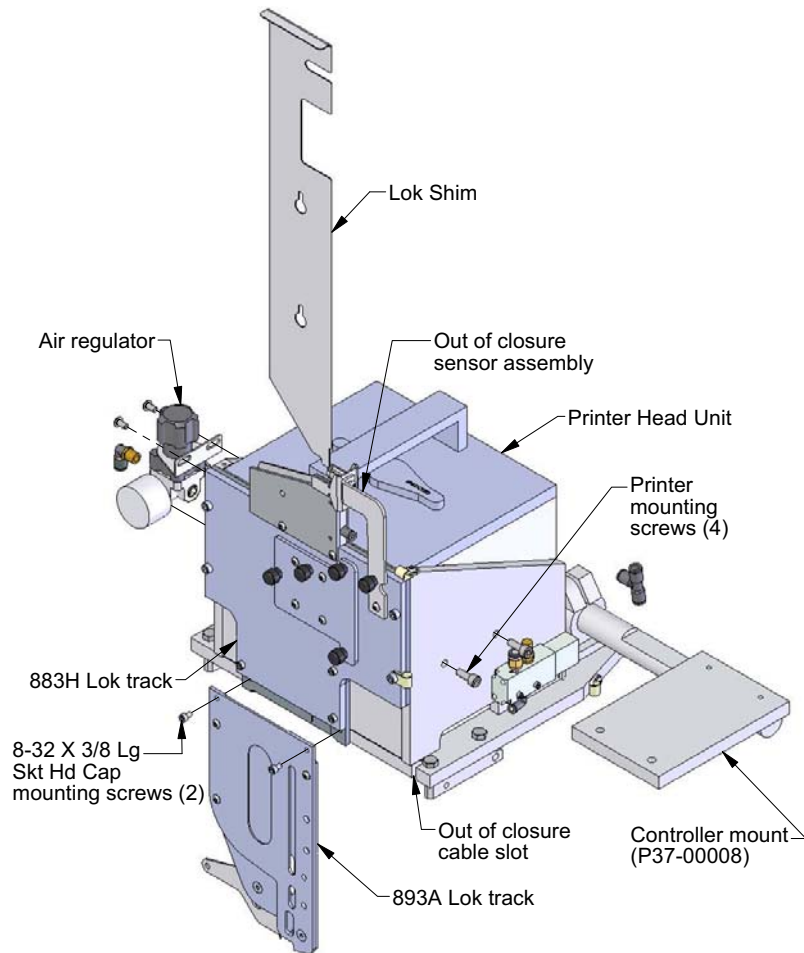


Figure 2.2

8. Connect the 08-006468 Cable Assembly-883R printer between the 12 pin connector, located on the top back cover of the 893A, to the DB15 pin connector located on the back of the controller (Figure 2.5).
9. Connect the short two pin connector cable from the DB15 connector to the 08-006472 Air pulse valve connecting cable (Figure 2.6).
10. Connect the printer cables as per the instructions in the SmartDate X60 installation and setup manual.
11. Mount the Air regulator to the side of the 883H printer using the two 10-24UNC x 3/8 socket button head screws provided.
12. Insure that the air lines are properly connected to the regulator, Air pulse valve and printer head unit and properly secured (refer to the Smart-Date 5 installation and setup manual) before connecting to the supply air (Refer to Section VIII, Pneumatics for more details).

SECTION II
Installation

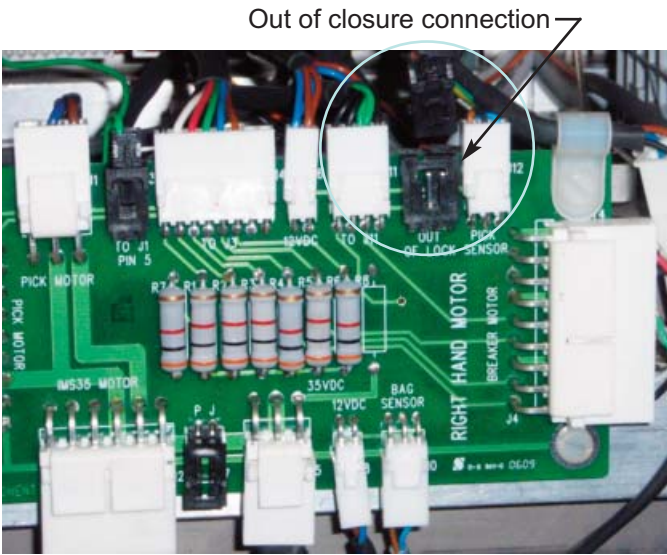


Figure 2.3



Figure 2.5



Figure 2.4

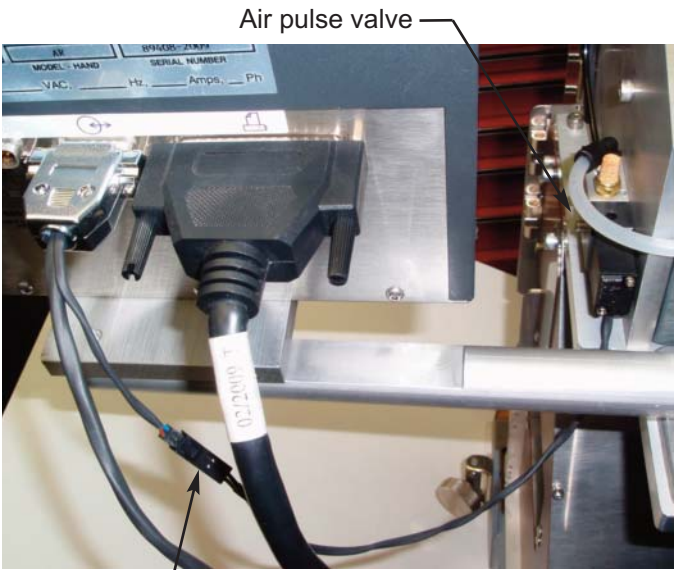


Figure 2.6

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SECTION III Operation

A. OPERATING SEQUENCE:

When the 883 SmartDate printer is selected from within the 893A setup screens, the timing of the print cycle for the 883 is set.

A print signal is sent when the closer finishes placing a closure in the ready position at the bottom of the lok track. The signal energizes a normally open relay that completes the print command from the markem controller. The print signal is sent every two cycles, but the air pulse to the strip cleaner is sent every cycle.

When **LOAD** is selected on the 893A touch screen, the air is sent to the strip cleaner until **START** is selected and the closer cycles a closure into position. If **FEED AFTER LOAD** is selected from the setup screens, the air will pulse with each cycle until all the closures are printed and are placed in the ready position.

WARNING: The FEED AFTER LOAD option is not recommended when using series TF, TFM, or CFJ closure - labels.

B. ENABLING AND DISABLING THE PRINTER: FIGURE 3.1

There are two ways to disable the printer.

1. Press the **DISABLE** button on the 893A touch screen or press the gray button on the front of the printer controller.

To re-enable the printer, press the **ENABLE** button on the touch screen of the closer or press the green key on the front of the printer controller (depending on which method was used to disable the printer).

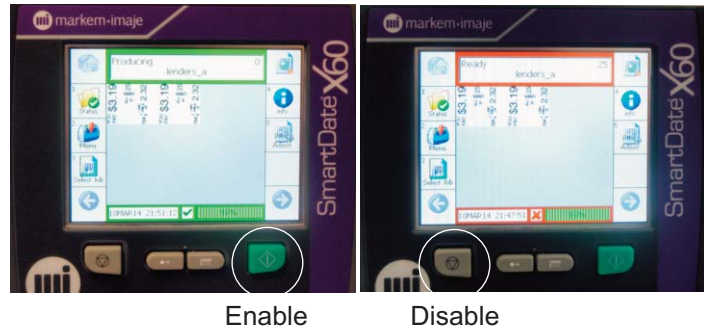


Figure 3.1

C. LOADING THE CLOSURES: Figures 3.2 and 3.3

Do not follow existing closures down the track.

1. Disable the printer. Up to fifteen additional packages can be closed so as to use up the printed closures that are left in the closure track. When depleted, the closing line can be shut down. As an alternate method, manually cycle the closer until the end of the closure strip no longer advances in the closure track. There will be two closures left at the bottom of the track.
2. Press the **LOAD** button on the touch screen.

NOTE: For right-hand closers, it helps to straighten the end of the closure strip. Use care when inserting the loks to prevent tearing of the printer ribbon.

3. Insert the end of the new closure strip into the strip cleaner (Figure 3.2) and slide it through the printer until the closure strip stops at the bottom of the lok track against the breakoff lever.
4. Re-enable the printer.
5. Press the **START** button on the 893A touch screen. The lok check engages the closure strip (Figure 3.3). The closer positions the strip in the closing position. The strip cleaner will turn off after the cycle of the closer.

SECTION III

Operation

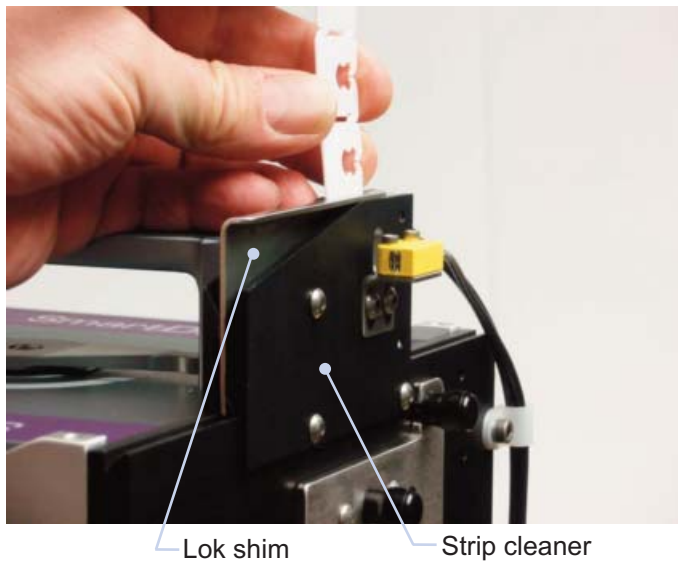


Figure 3.2

6. Manually cycle the closer fifteen times and watch for printed closures at the bottom of the closure track. Another option is to select **FEED AFTER LOAD** within the Setup/Printer screen.
7. Restart the closing line.

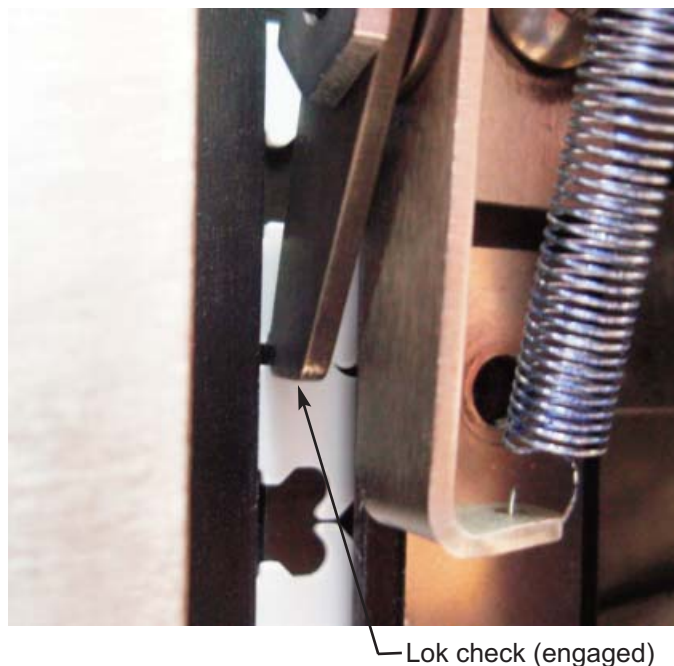


Figure 3.3

Loosen to remove anvil

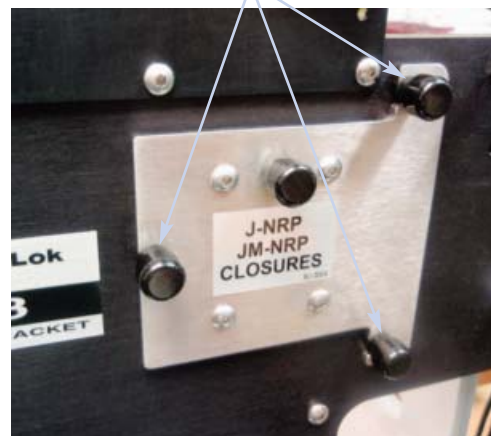


Figure 3.4

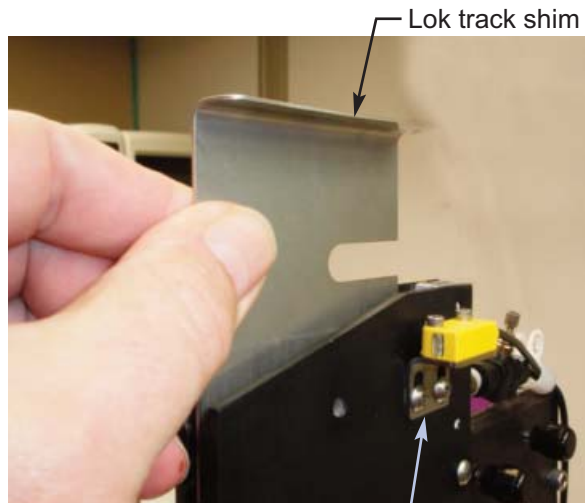


Figure 3.5

D. LOADING CLOSURE - LABELS: Figures 3.4 - 3.7

1. Disable the printer using the 893A touch screen (button on right hand side) and press **LOAD** (top right button) then remove the closure strip from the track.
2. Remove the anvil by loosening the three knobs located at the edges of the anvil (Figure .3.4, 3.5). Slide the anvil to the side and lift up and out.
3. Remove the lok shim and hang it on the side of the mast by placing the keyhole over the screws provided and slide it down to secure (Figure 3.6, 3.7).

SECTION III Operation



Out of lok detection bracket

Figure 3.6

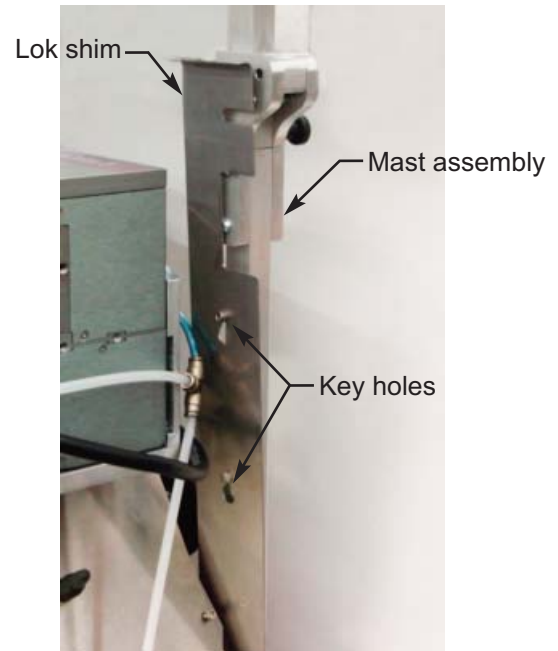


Figure 3.7

NOTE: The shim must be installed if closures are being used

4. Select the proper anvil (refer to SECTION I Specifications, page 1.1) for the closure label print position desired and re-install.
5. Insert the end of the new closure - label strip into the strip cleaner (Figure 3.8) and slide it through the printer until the strip stops at the bottom of the lok track against the breakoff lever.
6. Press **START** on the 893A panel.
7. From the printer controller screen press "**SELECT JOB**" and select the print image required.
8. Press the green ✓ button on the controller to accept the print image.
9. Press the green ✓ button a second time to verify the job selection.



Figure 3.8

10. Press the green "**ENABLE**" button (Figure 3.1). The controller screen turns green indicating that the printer is now ready to print.

NOTE: Series TF, TFM and CFJ closure - labels can not be removed from the lok track without first removing the anvil.

SECTION III

Operation

E. LOADING THE PRINTING FOIL:

1. Refer to the Smartdate X60 installation and setup manual for loading foil instructions.
3. Carefully slide in the cassette (loaded with new foil), and move the catch to the locked position.

F. INSTALL SOFTWARE:

Kwik Lok recommends purchasing markem - image CoLOS Create Professional software.

Install and activate the software following the instructions in the CoLOS manual.

G. DESIGNING IMAGE FORMATS: Figures 3.10 - 3.14

Printed images are designed and modified using CoLOS software, which runs on a PC.

1. At the CoLOS software menu click "**File**" and then select "**New**". Select "**Smartdate X60 53mm intermittent**" from the list of printer options.
2. Right click on the blank image and select "**Properties**". Adjust the image size to: Image Height – 21mm, Image Width – 53mm.
3. From the menu click "**File**" and then select "**Save to repository**". Use the file name "**Blank**". A blank print image has been created and saved for future use.
4. Add text or other information to the image using the CoLOS Manual Section 4 "Create and Download Image" as a guide. The printer prints on two closures at a time. Design the image layout for two closures as shown in Figure 3.10 to 3.14. The printer cycles every other time the closer cycles.
5. When the image design is complete, click "**File**" from the software menu, and then select "**Save to repository**". Use a different name to save the image design.

Tips to improved image design.

1. Margins are required to allow for variations in the location of the closure when it is printed.
2. For best visibility, select the largest font that will fit in the allotted area. Bold fonts are also a choice if desired.
3. Do not print near the closure web.
4. If using user input such as date, price, etc., link the print fields between the closures to avoid duplicate user input.
5. Dimensions shown in Figures 3.10 to 3.14 are approximate starting points. Print the image on the closure and adjust the text placement as needed.
6. The printer locates the image based on the first dot of printed material. The printer registration must be adjusted each time a print image is changed between the layout shown in Figure 3.10 and the layout shown in Figure 3.11. To reduce the printer registration adjustments, insert a period in the print text as shown in Figure 3.9. The period will cause the text to correctly print at the bottom of the closure using the same registration setting as Figure 3.10.

H. DOWNLOAD IMAGE LAYOUT TO PRINTER:

The print image must be moved from the CoLOS software to the printer before it can be printed. There are two methods: USB drive, and Ethernet. Refer to CoLOS manual section 12 and 14 for additional information.

USB Transfer Method

1. Insert a blank USB drive into the PC. **Warning: the USB drive should be formatted, but blank.**
2. Open the desired print image in the CoLOS software.
3. From the CoLOS menu click **"File"**, and then select **"Print to file"**.
4. Select the USB drive as the file location. Do not create any folders in the USB drive. Click **"OK"**.
5. Remove the USB drive from the PC and install in the Smartdate X60 printer.
6. On the printer press the **"Menu"** button on the screen, and then select **"Copy Files"**.
7. Press **"Copy Jobs From USB"**.
8. Press the confirm button (looks like a check mark) in the lower right of the screen. A print image job will have multiple files.
9. Press the check mark icon again to confirm the copy.

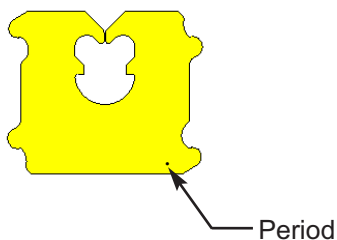


Figure 3.9

Ethernet Transfer Method

The PC and printer can be connected to the Ethernet in the standard manner, or the PC and printer can be directly connected to each other with a crossover cable. Virus scanners and firewalls may interfere or completely block communications from the PC to the Smartdate printer. Turn off firewalls and virus scanners, or add an exception for the printer. The PC and printer should be on the same Ethernet sub-net. Consult your IT manager for additional information.

1. Press the **"Menu"** button on the printer screen, and then select **"Settings"**. Press the **"Machine Settings"** button, and select the **"Comms"** tab. Enter the IP address, subnet mask, and gateway. Consult your IT manager for help with determining the correct values.
2. Open the desired print image in the CoLOS software.
3. From the CoLOS menu click **"File"**, and then select **"Download"**.
4. If not already set-up, define the communications method with the printer.
 - a. Click **"Add"**, then select **"Next"** to continue with the wizard.
 - b. Select **"Smartdate X60 53mm Intermittent"** from the list of printers.
 - c. Select **"Next"** to use the default icon name.
 - d. Select **"Associate new connection with this device"**.
 - e. Select **"Ethernet"**.
 - f. Enter the IP address of the Smartdate printer from step 1 above.

SECTION III

Operation

- Click **"Next"** and then **"Finish"**.
- Click **"Send"** to transfer the print image to the printer.

I. SELECT PRINTER JOB:

- On the Smartdate controller, press the **"Select Job"** button on the screen.
- Select the desired print job and press the confirm button (looks like a check mark) in the lower right side of the screen.
- Fill in variable fields and confirm if required.
- Press the confirm button (check mark) again in the lower right side of the screen.
- Enable the printer by pressing the green button on the front of the printer controller (see Section B).

Recommended usable print area for J-NRP/TGR-3 closure.

All dimensions are in millimeters

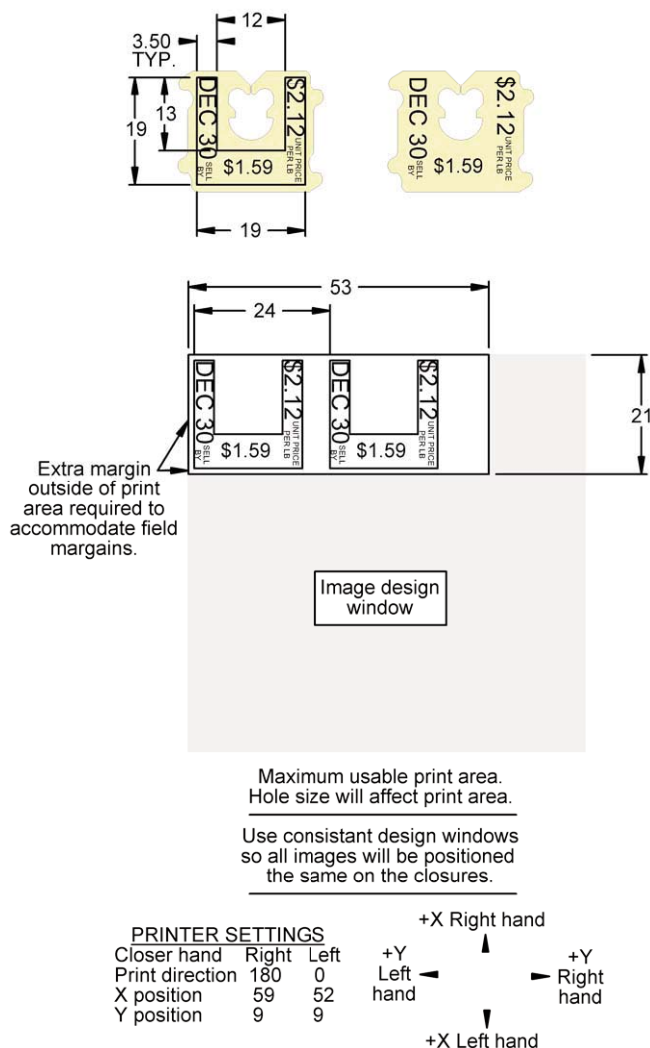


Figure 3.10

SECTION III Operation

Recommended usable print area for J-NRP/TGR-3 closure single line.

All dimensions are in millimeters

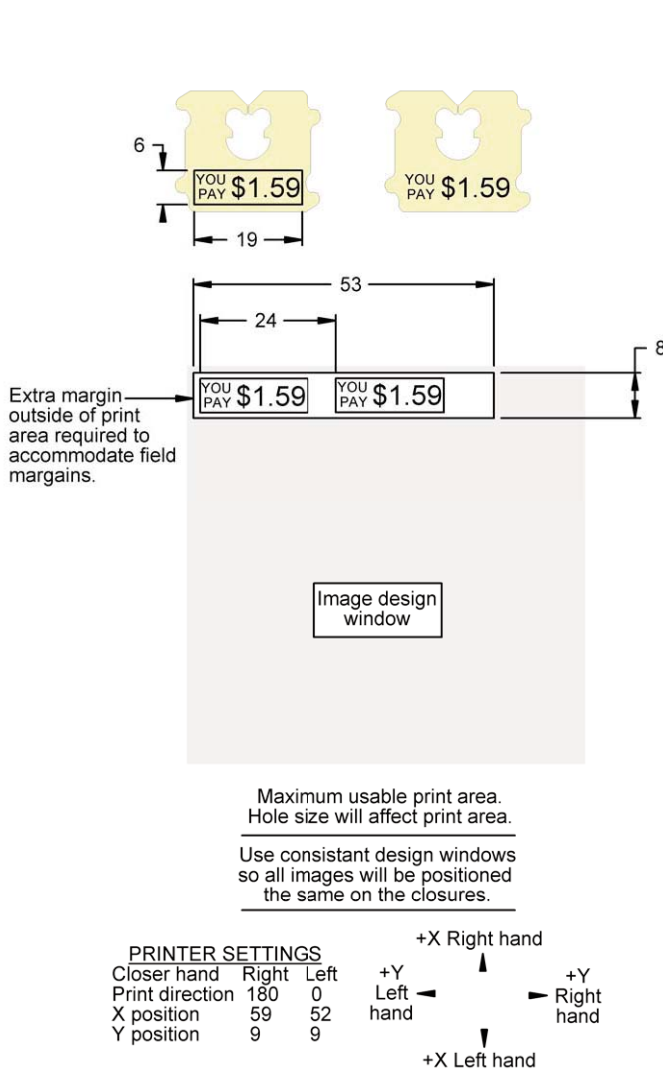


Figure 3.11

Recommended usable print area for CFJ/TGR-3 closure - label double line.

All dimensions are in millimeters

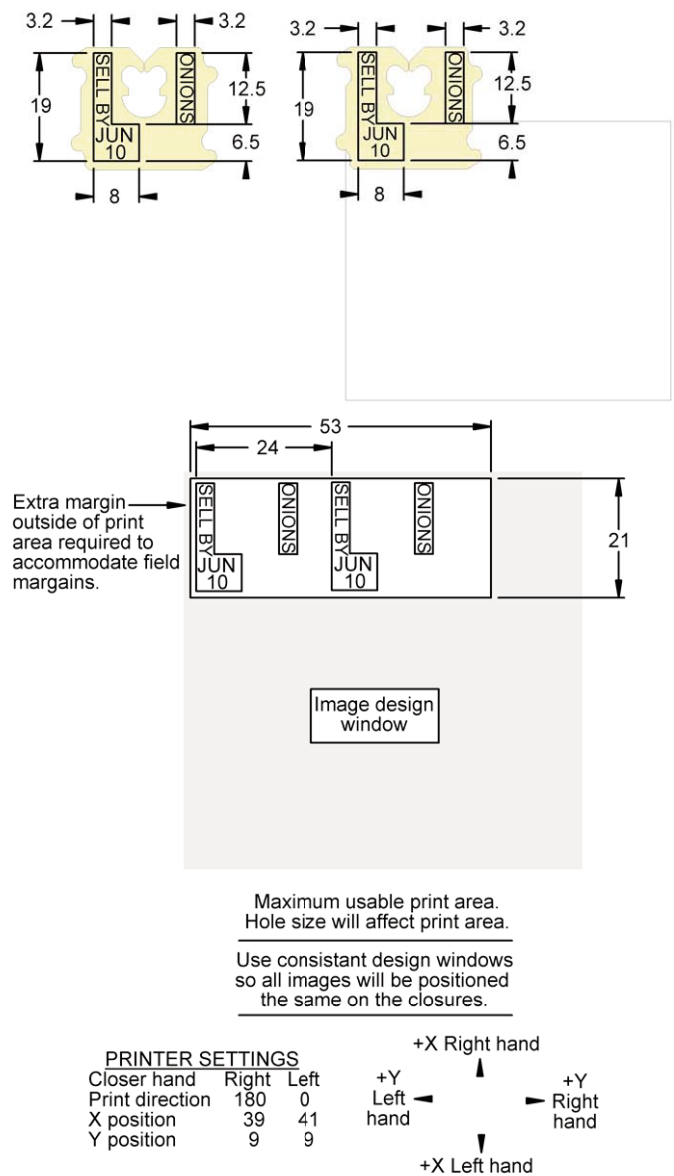


Figure 3.12

SECTION III

Operation

Recommended usable print area for JM-NRP/TGR-3 closure double line.

All dimensions are in millimeters

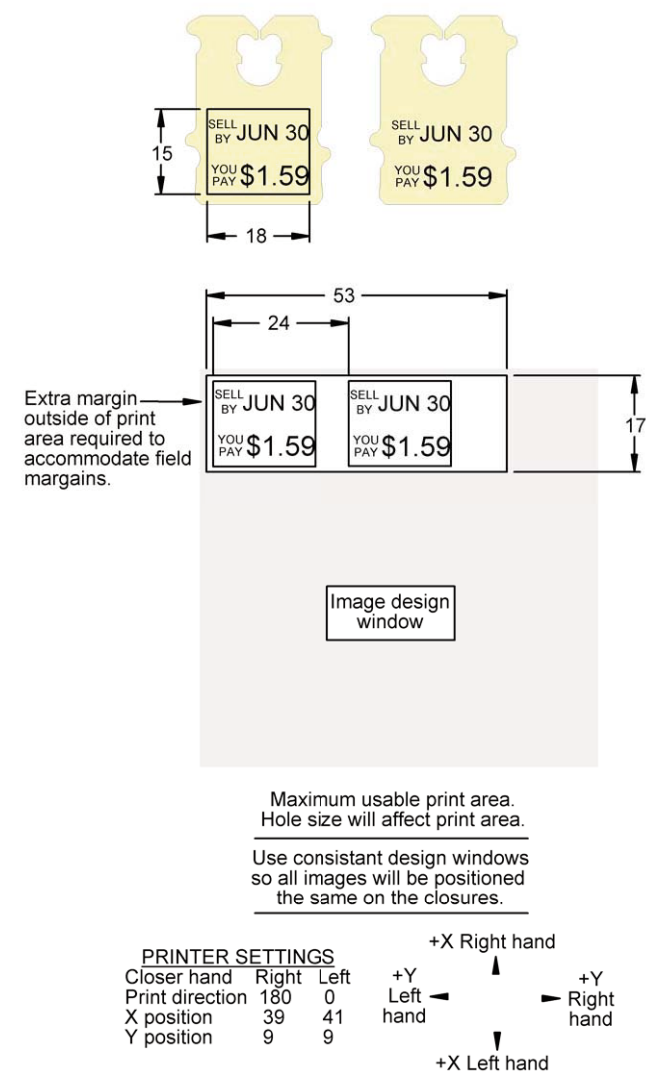


Figure 3.13

Recommended usable print area for JM-NRP/TGR-3 closure.

All dimensions are in millimeters

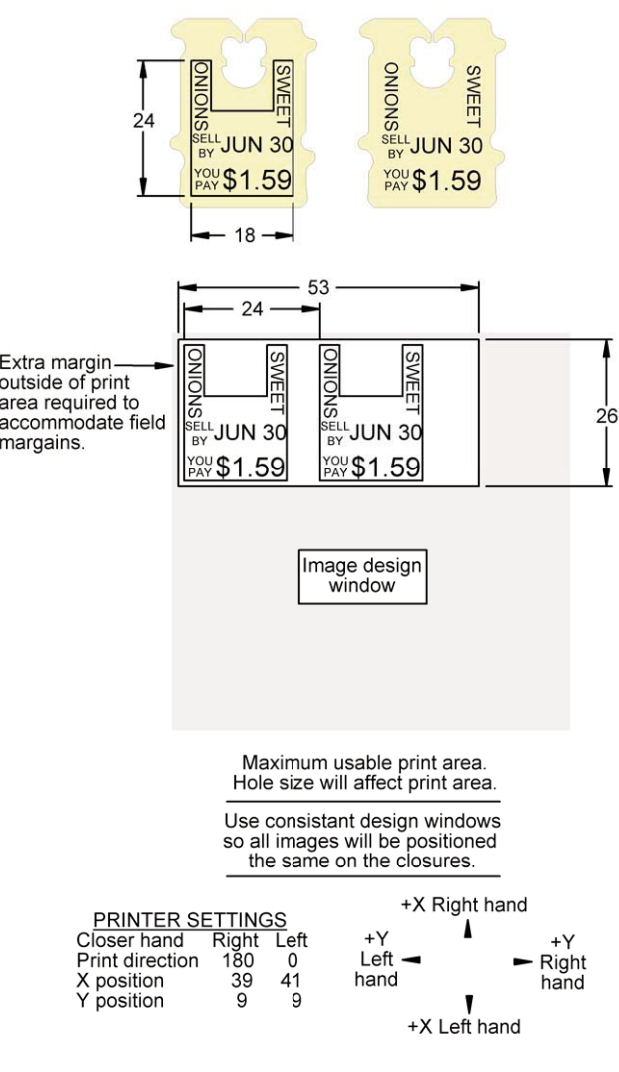


Figure 3.14

SECTION IV Maintenance



Figure 4.1

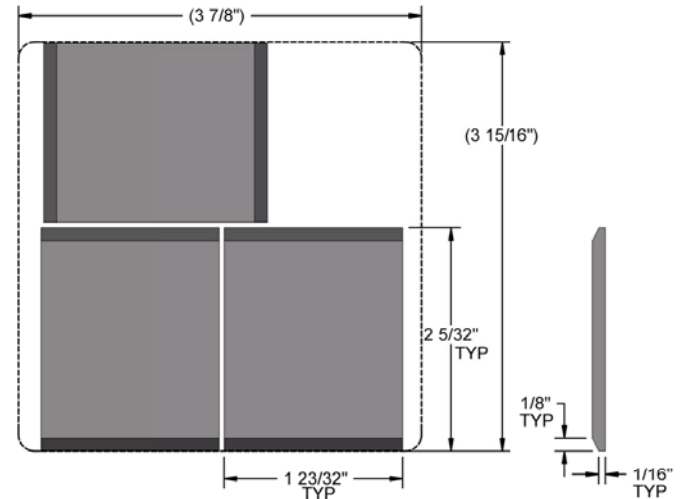


Figure 4.2

A. ANVIL PAD REPLACEMENT: Figure 4.1- 4.3

The printer anvil pad is a wear item and should be inspected periodically. Replacement anvil material is available (Figure 4.2). Refer to the SECTION VII, Parts Identification for order information. Trim and replace the anvil pad material as follows.

1. Remove the anvil assembly from the printer frame as shown in Figure 4.1.
2. The new anvil pad material must be trimmed to fit within the area of the anvil face. Three pads can be trimmed from one square of pad material. Trim the pad as shown in Figure 4.2. Chamfer the two cut edges of each anvil pad as indicated.

NOTE: To replace a stepped anvil pad, the new material must be further trimmed as indicated in Figures 4.3. According to the type of closure - label being used, cut the anvil pad into two rectangular segments (Figure 4.3).

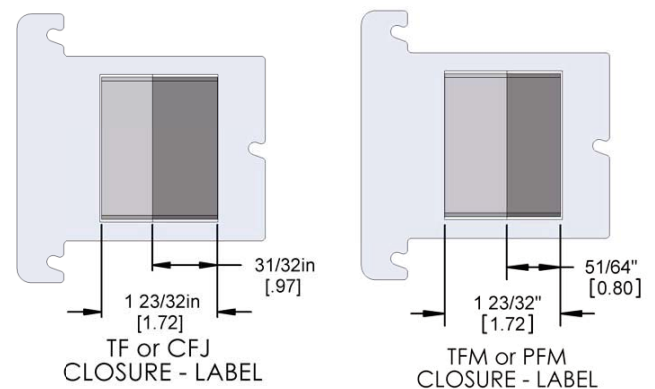


Figure 4.3

3. Peel the old anvil pad from the anvil plate and clean the surface of any adhesive residue to insure a smooth surface for the new pad.
4. Peel the adhesive backing from the trimmed pad and place the pad as shown in Figure 4.4.

SECTION IV

Maintenance

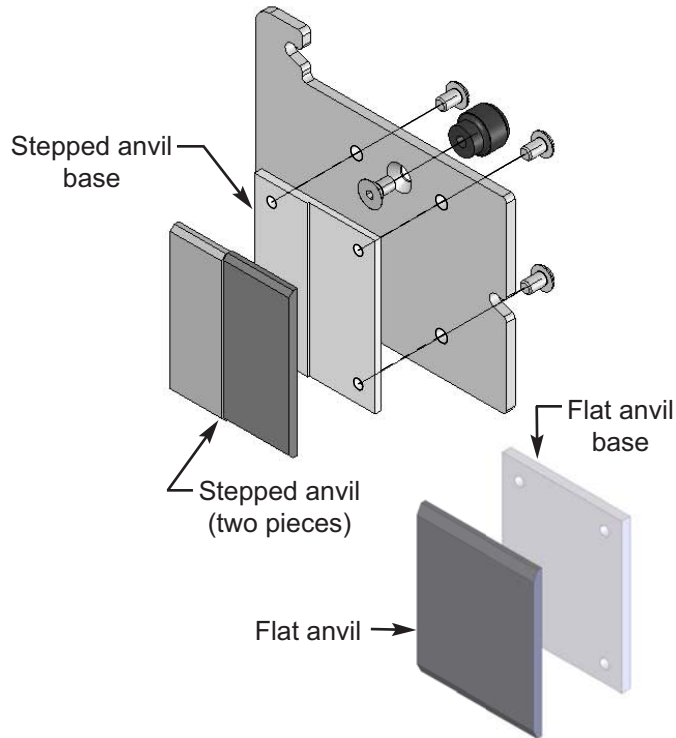


Figure 4.3

B. CLEAN THE PRINTHEAD:

Clean the printhead only with approved wipes from markem - imaje or denatured alcohol.

C. REPLACE THE PRINTHEAD:

To replace the printhead, refer to the markem-imaje X60 operation manual for detailed instruction.

D. CLEAN THE RIBBON CASSETTE AREA:

Clean the ribbon cassette area very carefully with air. **DO NOT USE HIGH PRESSURE.**

SECTION V

Adjustments

A. PRINTER REGULATOR GAUGE:

The air supply to the printer should provide a constant pressure ranging from between 75 and 150PSI (5 and 10 bar). The air must be clean and dry so as not to create problems within the air system.

Check the pressure on the printer regulator gauge. Proper pressure at the air regulator is 4.5 - 5.0 BAR.

B. ADJUST THE LOK DETECTOR:

1. Insert the closure strip into the printer and closer lok track.
2. Cycle the closer several times to make sure the closure strip has advanced to the correct closing location.
3. Loosen the screws attaching the lok detector mounting bracket to the outside air channel.
4. Adjust the height of the lok detector so that the red sensing light dot is located on the closure between the closure opening and the web of the lok strip. The light dot should also be centered side to side in the slot of the air channel.
5. Tighten the mounting screws.

C. SET THE CONTROLLER:

Following are the initial settings for the 883R Smartdate X60 printer. The information is entered from the printer controller. The settings are approximate starting points, and should be adjusted as needed to achieve the best print quality.

For further details concerning the following recommended settings, security options and passwords, refer to the markem - imaje installation and setup manual.

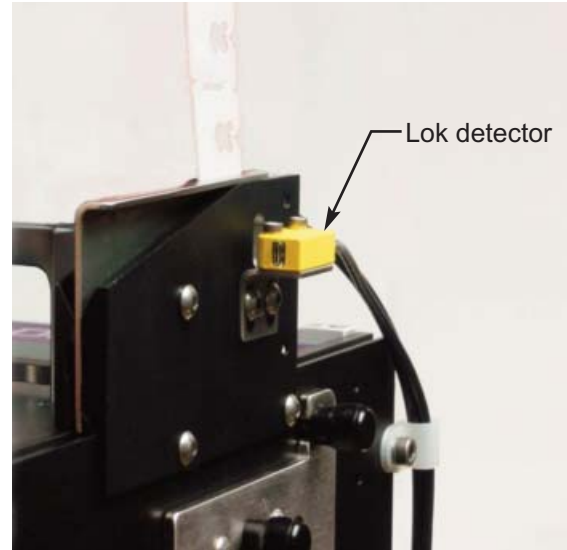


Figure 5.1

To access restricted settings on the controller press:
MENU - SETTINGS - ENABLE SECURITY - ✓

Then,

MENU - (ENTER PASSWORD) - The default password is "3333". - ✓

SETTINGS - MACHINE SETTINGS - Then make the following adjustments:

MACHINE TAB

Machine Type:
Prompt for Ribbon:
Security Level:
Database:
Job Queing:
Power Saving Timer:

**INTERMITTENT
YES
MEDIUM
LOCAL
OFF
OFF**

SECTION V

Adjustments

PRINT INITIATION TAB

Debounce **10ms**

PRINT FEATURES TAB

Speed: **180mm/s**
Return Speed: **200mm/s**
Ribbon Save Mode: **NO RIBBON SAVE**

PRINT SETUP TAB

Print Darkness: **115%**
Print Darkness Adjust: **0%**
Leading Edge Boost **80**
Body Boost **100**
Head Out Time: **30ms**
Head In Time: **5ms**
Start Border: **0.5mm**
End Border: **0.5mm**

PRINT POSITION TAB

Registration: (refer to SECTION III,
 Figures 3.10 and 3.14)

Registration Adjust: **0mm**
Offset (vertical): (refer to SECTION III,
 Figures 3.10 and 3.14)

Print Delay: **25ms**
Rotation: **180° for RH closers**
 0° for LH Closers

Maximum Print Width: **55mm**

RIBBON SETUP TAB

Ribbon Grade: Enter the ribbon grade.
 which is printed on
 the ribbon hub.

Ribbon Color: (choose color) **BLACK**
Ribbon Width: **55mm**
Ribbon Advance Distance: **0.5mm** (Can be
 increased to 2mm or
 more if ribbon tearing
 problems occur.)

Ribbon Spacer Width: **0mm**
Ribbon Extra Width: **0mm**

RIBBON MONITORING TAB

Ribbon Break Detection: **YES**
Low Ribbon Detect: **YES**
Low Ribbon Size: **10m**

COMMS TAB (COMMUNICATION)

Enter IP address, subnet mask and gateway as
needed.

Then press-

HOME - MENU - (ENTER PASSWORD) - ✓

MENU - SETTINGS - DISABLE SECURITY - ✓

SECTION VI

Trouble Shooting

PROBLEM	PROBABLE CAUSE	REFERENCE or CORRECTION (UNLESS NOTED OTHERWISE, REFER TO SECTION V ADJUSTMENTS)
A. Printing is missing characters, or printing the characters too light.	1. Improper air pressure.	Check air pressure. Set to 5 bar at the regulator.
	2. Worn anvil.	Check the rubber anvil for wear, and replace if worn. See SECTION IV Maintenance, Part A. ANVIL PAD REPLACEMENT
	3. Printing build up on anvil from operation without loks.	Clean as needed.
	4. Dirty printhead.	Clean printhead. See your markem manual.
	5. Burrs at the web lift the head and cause missing print.	Design the printed image to be above and below the web junction. See SECTION III OPERATION, Part G. DESIGNING IMAGE FORMATS
	6. Anvil mounting plate.	Check the mounting plate for flatness and make sure all fasteners are tight. Make sure the front plate is not bent.
B. Low quality print on every other lok.	1. Anvil wear.	Check anvil for wear and replace if needed. See SECTION IV MAINTENANCE, Part A., ANVIL PAD REPLACEMENT
		Check the mounting plate fasteners for tightness.
C. Narrow blank lines missing in the printed image after cleaning.	1. Burnt out pixels.	Replace printhead. See your Markem manual.
	2. Printhead darkness.	Printhead darkness should be at 115. Adjust if needed. SECTION V ADJUSTMENTS, Part C, Subheading: PRINT SETUP TAB.
D. Blotchy print.	1. Heat is too high.	Adjust printhead darkness. Printhead darkness should be at 115. Adjust if needed. SECTION V ADJUSTMENTS, Part C, Subheading: PRINT SETUP TAB.

SECTION VI

Trouble Shooting

PROBLEM	PROBABLE CAUSE	REFERENCE or CORRECTION (UNLESS NOTED OTHERWISE, REFER TO SECTION IV ADJUSTMENTS)
F. Ribbon Breaks.	Print Darkness.	Printhead darkness should be at 115%. adjust if needed. See SECTION V ADJUSTMENTS, Part C, Subheading: PRINT SETUP TAB.
	Start Border:	Start border should be set at 0.5mm. See SECTION V Adjustments, Part C, Subheading: PRINT SETUP TAB.
	Loading closures improperly.	See SECTION III OPERATION, Part C, LOADING THE CLOSURES

SECTION VII

Parts Identification

RIGHT OR LEFT HAND MACHINE IDENTIFICATION

IMPORTANT: The 883R printer is available in right and left-hand models. Parts lists contain part numbers for both right and left-hand models. Determine the hand of the machine so as to insure that the correct parts are ordered. Use the information provided below to assist in determining if your printer is a right or left hand model.

1. MODEL - HAND box on the machine's nameplate.

For a right hand model the last letter will be an "R"

AJ-NRP R
MODEL - HAND

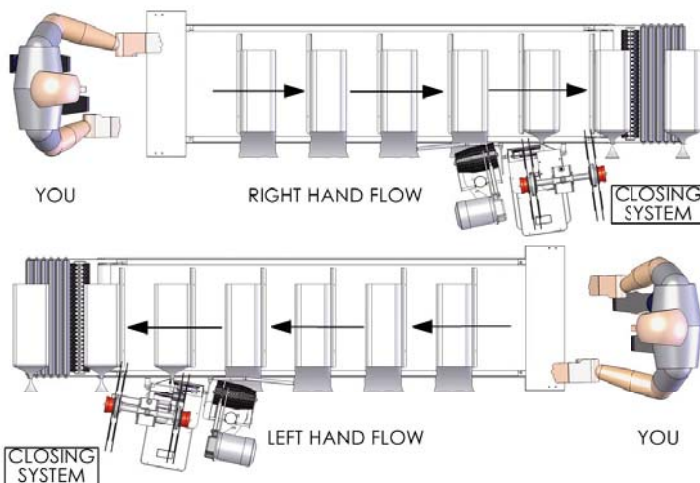
For a left hand model the last letter will be an "L"

AJ-NRP L
MODEL - HAND

MANUFACTURED BY		
 Kwik Lok® CORPORATION		
YAKIMA, WASHINGTON U.S.A.		
883R	AJ-NRP R	10001-2014
TYPE	MODEL - HAND	SERIAL NUMBER
____ VAC, ____ Hz, ____ Amps, ____ Ph		

2. Refer to the two diagrams below to determine the flow direction of the closer onto which the printer is mounted.
3. To assist in ordering the proper hand items (either right or left hand) note the example below. The last letter of the part number will be an "R" or an "L" to indicate right or left-hand. If the parts list does not indicate R or L then the part can be used on a right hand as well as a left hand machine.

For example to order an Anvil Mount Plate, Figure 7.3, page 7.5, identifies the Plate as item 2. The parts list describes item 2 as 08-006441 R PLATE - ANVIL MOUNT, or 08-006441 L PLATE - ANVIL MOUNT. If the machine nameplate is marked as an 883R, Model AJ-NRP R, then the printer is a right-hand printer and requires Part No 08-006441 R PLATE - ANVIL MOUNT.



893ULTRA Flow Diagram

To determine the correct flow direction, visualize your package moving away from you towards the closing machine.

If the open end of the bag is on your right-hand side the flow direction is RIGHT - HAND.

If the open end of the bag is on your left-hand side the flow direction is LEFT - HAND.

SECTION VII
Parts Identification

883R PRINTER PARTS COMMON

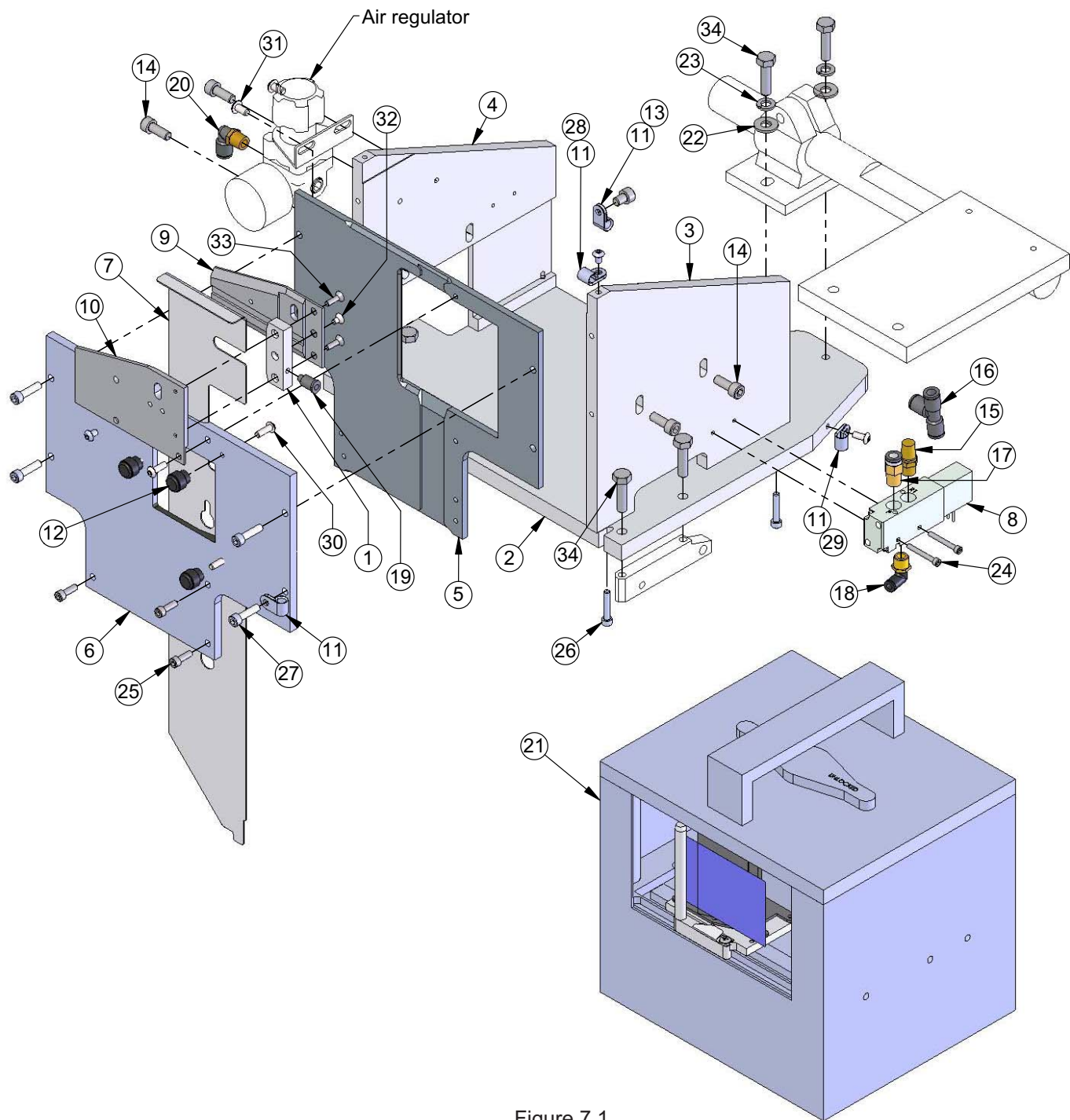


Figure 7.1

SECTION VII

Parts Identification

883R PRINTER PARTS COMMON

(Figure 7.1)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	08-005667	NOZZLE - AIR	1
2	08-006432	MOUNT-PRINTER BASE	1
3	08-006434	MOUNT - PRINTER LEFT-HAND SIDE	1
4	08-006435	MOUNT - PRINTER RIGHT-HAND SIDE	1
5	08-006458 R	TRACK - LOK - J-NRP	1
	08-006458 L	TRACK - LOK - J-NRP	1
	08-006474 L	TRACK - LOK - JM-NRP	1
	08-006474 R	TRACK - LOK - JM-NRP	1
6	08-006459 R	GUIDE - LOK - J-NRP	1
	08-006459 L	GUIDE - LOK - J-NRP	1
	08-006475 R	GUIDE - LOK - JM-NRP	1
	08-006475 L	GUIDE - LOK - JM-NRP	1
7	08-006461	SHIM - LOK 883	1
8	08-006472	VALVE	1
9	08-006482 R	CHANNEL - AIR - BACK - J-NRP	1
	08-006482 L	CHANNEL - AIR - BACK - J-NRP	1
	08-006484 R	CHANNEL - AIR - BACK - JM-NRP	1
	08-006484 L	CHANNEL - AIR - BACK - JM-NRP	1
10	08-006485 R	CHANNEL - AIR - FRONT - J-NRP	1
	08-006485 L	CHANNEL - AIR - FRONT - J-NRP	1
	08-006486 R	CHANNEL - AIR - FRONT - JM-NRP	1
	08-006486 L	CHANNEL - AIR - FRONT - JM-NRP	1
11	P11-00229	CLAMP - CABLE 1/4	5
12	P17-00079	KNOB	3

SECTION VII

Parts Identification

883R PRINTER PARTS COMMON

(Figure 7.1)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
13	P23-00346	SCREW 6MM X 8 MM SKT HD CAP	2
14	P23-00347	SCREW 6MM X 16 MM SKT HD CAP	4
15	P35-00129	MUFFLER	1
16	P35-00240	TEE - 1/4 X 1/4 X 1/4	1
17	P35-00339	CONNECTOR - 1/8 MP X 1/4 TUBE	1
18	P35-00342	ELBOW	1
19	P35-00376	CONNECTOR	1
20	P35-00390	ELBOW - 6MM	1
21	P37-00067	PRINTER - X60 RH COLOR	1
	P37-00068	PRINTER - X60 LH COLOR	1
22	F01-250	WASHER - 1/4 FLAT	2
23	F02-250 S	WASHER - 1/4 LOCK	2
24	F10-125C16 S	SCREW - 5-40UNC X 1" LG SKT HD CAP	2
25	F10-164C08 S	SCREW - 8-32UNC X 1/2 LG SKT HD CAP	3
26	F10-164C14 S	SCREW - 8-32UNC X 7/8 LG SKT HD CAP	4
27	F10-190C12 S	SCREW - 10-24UNC X 3/4 LG SKT HD CAP	4
28	F11-164C04 S	SCREW - 8-32UNC X 1/4 LG SKT BTN HD	2
29	F11-164C06 S	SCREW - 8-32UNC X 3/8 LG SKT BTN HD	1
30	F11-164C08 S	SCREW - 8-32UNC X 1/2 LG SKT BTN HD	4
31	F11-190C06 S	SCREW - 10-24UNC X 3/8 LG SKT BTN HD	2
32	F12-138C04 S	SCREW - 6-32UNC X 1/4 LG SKT FLT HD	1
33	F12-138C08 S	SCREW - 6-32UNC X 1/2 LG SKT FLT HD	2
34	F13-250C16	SCREW - 1/4-20UNC X 1" HX HD	6

SECTION VII

Parts Identification

883R PRINTER ANVIL KITS

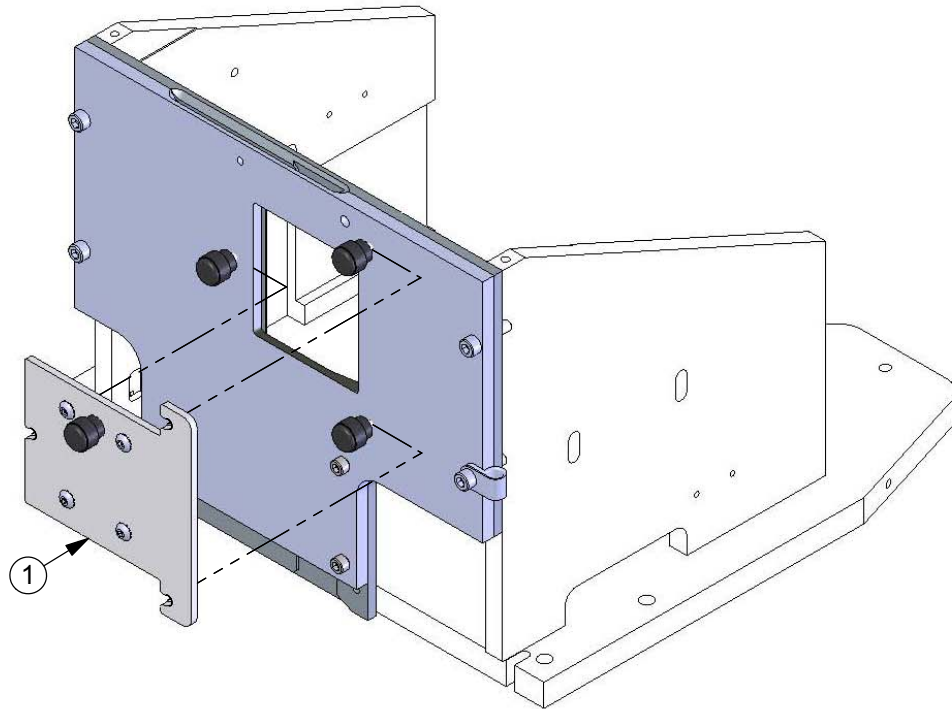


Figure 7.2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Z8083018 R	KIT - ANVIL - FLAT	1
	Z8083018 L	KIT - ANVIL - FLAT	1
	Z8083019 R	KIT - ANVIL - STEPPED - TF OR CFJ LABEL	1
	Z8083019 L	KIT - ANVIL - STEPPED - TF OR CFJ LABEL	1
	Z8083021 R	KIT - ANVIL - STEPPED - PF LABEL	1
	Z8083021 L	KIT - ANVIL - STEPPED - PF LABEL	1
	Z8083024 R	KIT - ANVIL - STEPPED - PFM LABEL	1
	Z8083024 L	KIT - ANVIL - STEPPED - PFM LABEL	1
	Z8083025 R	KIT - ANVIL - STEPPED - TFM LABEL	1
	Z8083025 L	KIT - ANVIL - STEPPED - TFM LABEL	1

SECTION VII

Parts Identification

ANVIL COMPONENTS

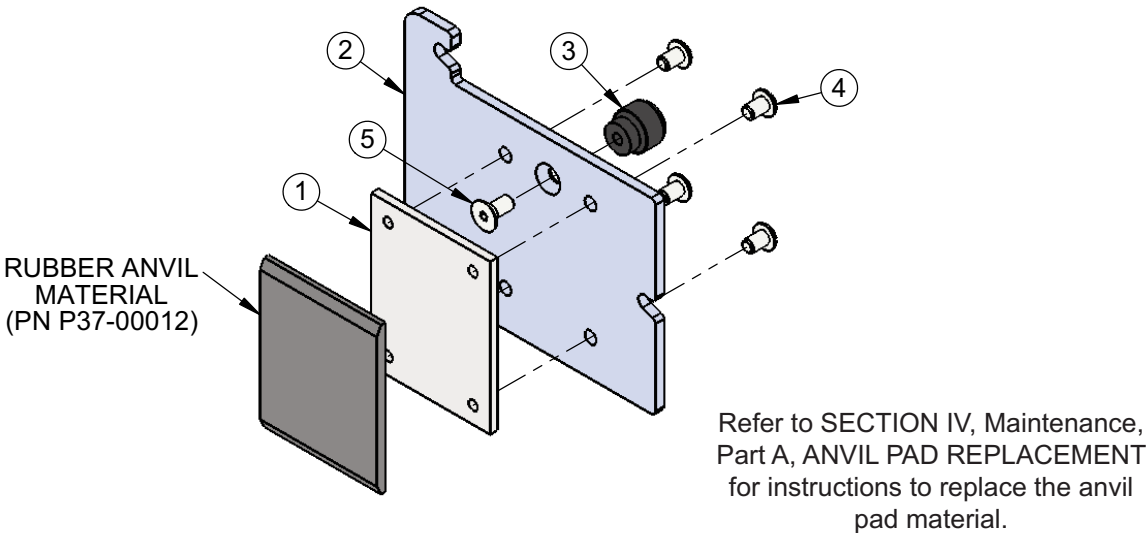


Figure 7.3

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	08-006440	ANVIL - BASE - FLAT	1
	08-006473	ANVIL - BASE STEPPED - PF LABEL	1
	08-006460	ANVIL - BASE STEPPED - TF OR CFJ LABEL	1
	08-006476	ANVIL - BASE STEPPED - PFM LABEL	1
	08-006477	ANVIL - BASE STEPPED TFM LABEL	1
2	08-006441 R	PLATE - ANVIL MOUNT	1
	08-006441 L	PLATE - ANVIL MOUNT	1
3	P17-00079	KNOB	1
4	F11-164C04 S	SCREW - 8-32UNC X 1/4 LG SKT BTN HD	4
5	F12-164C06 S	SCREW - 8-32UNC X 3/8 LG SKT FLT HD	1

SECTION VII

Parts Identification

883R LOK DETECTOR

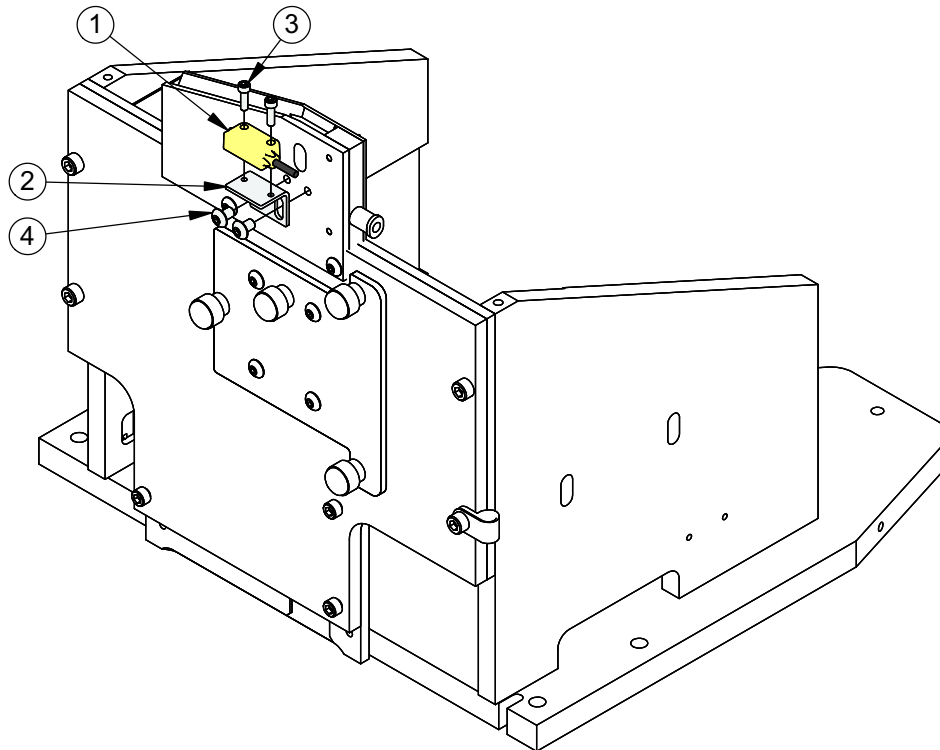


Figure 7.4

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	08-006694	SENSOR-LOK DETECTION	1
2	08-006695	MOUNT - LOK SENSOR	1
3	F10-112C06 S	SCREW - 4-40UNC X 3/8 LG SKT HD CAP	2
4	F11-164C04 S	SCREW - 8-32UNC X 1/4 LG SKT BTN HD	2

SECTION VII

Parts Identification

LOK DEFLECTOR

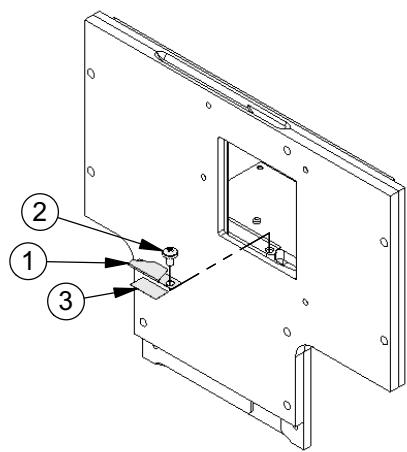


Figure 7.5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	08-006560 R	DEFLECTOR - LOK	1
	08-006560 L	DEFLECTOR - LOK	1
2	P23-00350	SCREW - 4MM X 6MM - PAN HEAD	1
3	P33-00031	TAPE - DOUBLE SIDED ADHESIVE	1"

883R PNEUMATICS TUBING

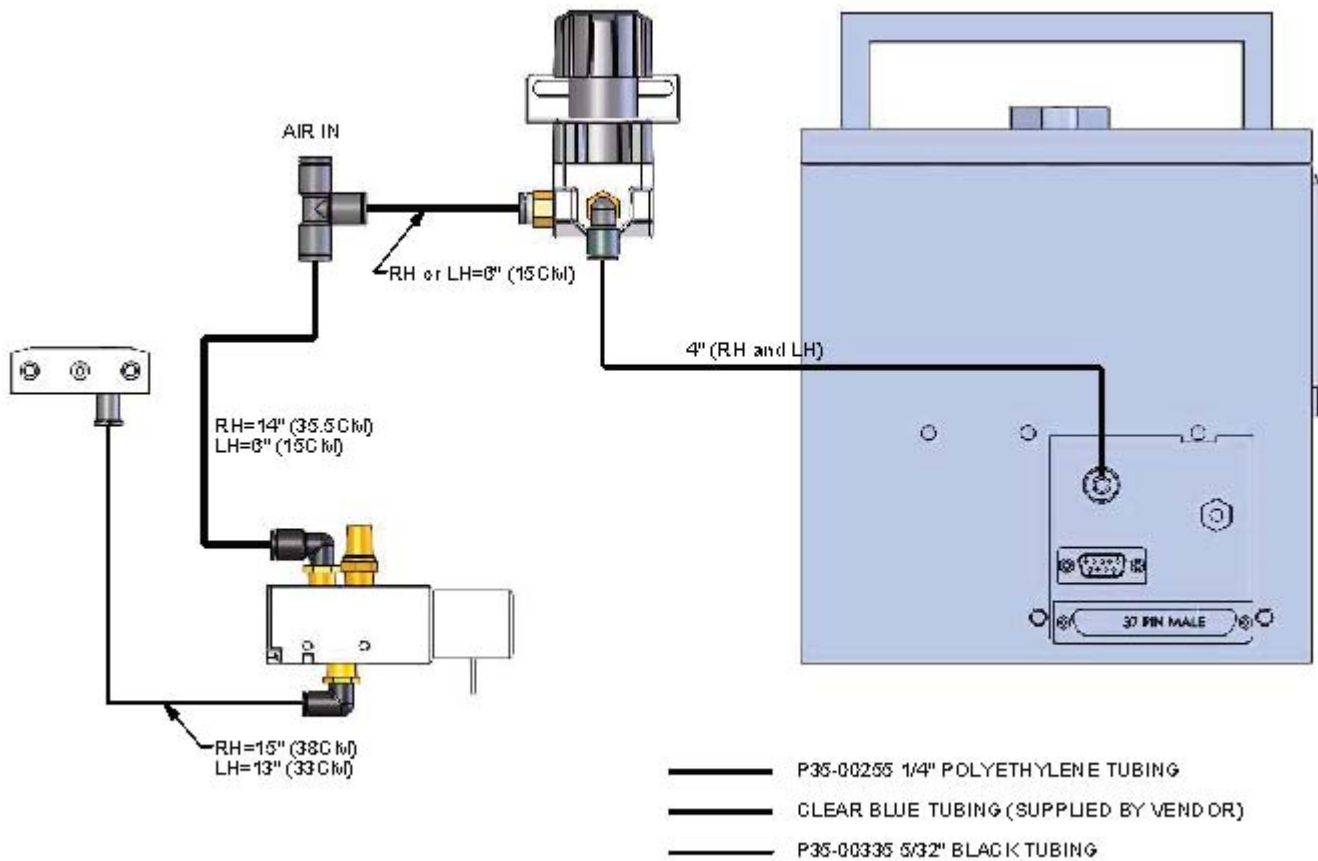


Figure 8.1

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Kwik Lok[®] CORPORATION

EXECUTIVE OFFICE P.O. BOX 9548 YAKIMA, WA. 98909

TELEPHONE: 1-800-688-5945 or (509) 248-4770

FAX: (509) 457-6531

Internet: www.kwiklok.com

SUGGESTED SPARE PARTS INVENTORY FOR THE TYPE 883R PRINTER

Part no.	Description	Qty.
08-006694	SENSOR - LOK DETECTION	1
08-006472	VALVE - AIR PULSE	1
P37-00012	ANVIL - RUBBER	1

NOTE: Specify on the order the TYPE, MODEL, and SERIAL NUMBER of the machine for which the parts are ordered. This information will be found on the machine's nameplate.

**CONTACT THE FACTORY FOR
CURRENT PRICES.**

APPENDIX

Kwik Lok WARRANTY POLICY

Seller warrants to its end user customers that, for a period of one (1) year following shipment from Seller's factory, the Seller's equipment shall will be free from material defective in workmanship or materials. In the event of a breach of the foregoing warranty, the end user customer's sole and exclusive remedy will be to return the defective equipment or component parts to Seller's factory prior to the end of such one (1) year period, freight prepaid, for repair or replacement. Seller will repair or replace the defective equipment or component parts as determined in Seller's sole discretion, and Seller return the equipment or component parts to the end user customer, freight prepaid, at the same location.

This warranty does not apply to equipment problems or failures resulting from abuse, neglect or failure to operate or maintain equipment in accordance with Seller's recommendations and instructions, or resulting from the use of any parts, supplies or services not manufactured, supplied or provided by Seller. The disassembly of electric motors, gear motors or clutches in Seller's equipment will void this warranty as to such equipment. Whether a particular equipment or component part contains material defects in workmanship or materials, and whether this warranty is applicable to a contended defect, will be determined by Seller in its reasonable judgment. Its obligation under this warranty to consist exclusively of repairing or replacing, free of charge EXW, any parts received at its factory within one year from the date of shipment of the respective equipment or parts alleged to be defective and determined by Seller upon inspection to be defective.

No other warranty,SELLER HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY AND ALL WARRANTIES AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE or any other matter is given by Seller in connection with this sale. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR LOSS OR PROFITS OR OTHER CONSEQUENTIAL DAMAGES, OR FOR ANY OTHER DIRECT OR INDIRECT COSTS, OR EXPENSES., equipment or any part thereof. Neither shall the Seller be liable for any defects attributable to the use of any parts, supplies or service not manufactured, supplied or provided by the Seller.

Electric motors, controls and electronic components carry a one year warranty in which these items will be repaired or replaced and returned to the Buyer at no charge if the manufacturer determines the equipment to be defective in workmanship and / or materials. The disassembly of motors, gear-motors and clutches will void the aforementioned warranty.

Kwik Lok Corporation's warranty policy does not include those components developed, built and / or supplied by markem-imaje Corporation. For warranty and RMA porcedures concerning those items, address inquires to markem-imaje Corporation.

KWIK LOK CORPORATION RETURNED MATERIALS AUTHORIZATION POLICY AND PROCEDURES

Prior to any products being returned, a **Return Materials Authorization** (RMA) must be obtained from Kwik Lok Corporation. The RMA number must be issued from the facility that the parts were originally invoiced from. Contact Kwik Lok Corporation requesting authorization, and an RMA number will be granted for parts initially deemed returnable.

1. Parts returned without an RMA number will be refused and returned at the shipper's expense.
2. The RMA number must be clearly marked on the return carton.
3. All returned parts must be clearly marked with the appropriate Kwik Lok Corporation part number.
4. Proof of purchase (Kwik Lok Corporation invoice number) must be provided with all returns.
5. Return for credit will not be allowed if it has been more than 120 days after the original invoice date.
6. Credit will not be issued for parts returned in excess of, or not listed on the prior approved RMA.
7. An RMA will not be issued for parts deemed obsolete, special order, non-returnable and non-cancelable items.
8. All packages must be returned freight prepaid, unless collect freight was approved at the time the RMA was issued.
9. All risks of loss and/or damage of goods in transit are the responsibility of the customer.
10. Incorrect parts shipped due to Kwik Lok Corporation's error are returnable, transportation collect.
11. Parts rejected by the customer due to a valid quality problem are returnable, transportation collect, for full credit or replacement under the product warranty. Refer to Kwik Lok Corporation's warranty policy.
12. All returns are subject to inspection so as to determine the usability of the parts. Upon completion of the inspection, Kwik Lok Corporation will notify the customer (within 15 days) of the results.
13. If the parts are determined ineligible for credit or replacement, the customer may elect to have the item(s) returned, freight collect, or discarded by Kwik Lok Corporation and credit will not be issued.
14. If the parts are determined eligible for credit, it will be issued in the amount of the Kwik Lok Corporation invoice less a 20% restocking charge.

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