ithaca® 9800 by TRANSACT

Food Safety Terminal Maintenance Manual

TRANSACT Technologies Incorporated

P/N 100-13732 Rev B

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Change History

Rev A	Initial version	August 2014
Rev B	Updated FCC and Canadian interference statements	October 2014

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Federal Communications Commission Radio Frequency Interference Statement

This equipment, when not transmitting, has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and, used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The transmitting equipment in this product has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Wireless Notice

This product emits radio frequency energy, but the radiated power is far below the FCC radio frequency exposure limits. Never the less the device should be used in a manner (assembled or disassembled) that the potential for human contact with the antenna during operation is minimized.

To meet FCC's RF exposure rules and regulations:

1. Do not co-locate or operate this product in conjunction with another antenna or transmitter.
2. Typical distance from the body of the user should be at least 20cm.

Output Power into Antenna & RF Exposure

Calculations for this device are based on highest power measurement and the highest gain of the antenna. Limit for MPE (from FCC part 1.1310 table 1) is 1.0 mW/cm^2 for 2400MHz.

The highest Pout was taken from the original certification report under FCC ID: VPYLBTN

Highest Pout is 264.24mW, highest antenna gain (in linear scale) is 0.87, and R is 20cm.

Pd = (264.24*0.87) / (4*π*20^2) = **0.045 mW/cm^2**, which is 0.955 mW/cm^2 below to the limit.

Canadian Department of Communications Radio Interference Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

The maximum power output plus maximum antenna gain of the EUT is:
4.5W/m^2
Limit is **10W/m^2**

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada.

Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.
La puissance de sortie maximale plus gain d'antenne maximal du EUT est :
4.5W/m^2
*Limite est **10W/m^2***

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Table of Contents

Chapter 1

Introducing your Ithaca® 9800 Printer

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About your Ithaca® 9800 Printer

The Ithaca® 9800 printer by TransAct® represents the very latest technology in on-demand thermal label printing for food safety and nutrition labeling, specifically designed for the needs of the food service industry. It builds upon the experience of the Ithaca® line of printers with a host of features specifically designed to improve the performance of food service labeling, including:

- Large, easy to read 9.7-inch touch screen
- Internet-capable via Ethernet or Wi-Fi
- Connects to back-office systems
- Integrates with current restaurant management solutions
- Allows tracking of food, waste & inventory to save money
- Features video and audio capabilities
- Prints “Use By” and “Expiration” labels
- Optional integration of 3rd-party food safety peripheral applications

These features and more let you quickly and easily integrate the Ithaca® 9800 with your food service applications, while giving you the quality, durability and uptime you have come to expect from Ithaca® by TransAct® printers.

Who Should Read This Guide?

This document provides information useful for end users who will maintain the Ithaca® 9800 printer in their operations.

What Is Included in This Guide?

This Maintenance Manual includes information on the maintenance of the Ithaca® 9800 printer. It provides the following information to support your maintenance efforts:

- Warranty and technical support information
- Specifications and functionality description
- Disassembly procedures and parts lists

We want you to have a trouble-free implementation with your TransAct® printer. For any issues not covered in this guide, quality technical support is available on-line at www.transact-tech.com, or by telephone or fax – consult the following pages for more details about our support services.

Technical and Sales Support

Your printer is backed by the resources of TransAct Technologies, a global technology firm with dedicated technical support and sales assistance. Here is how we can help you:

On-line Technical Support

Our web site at www.transact-tech.com is your on-line portal to obtaining technical assistance with your Ithaca® printer. Click on the Support link to find support information for your Ithaca® 9800 printer, including online access to drivers and documentation, or contact us via e-mail at support@transact-tech.com.

Telephone Technical Support

Live telephone support is available by contacting TransAct or one of its regional affiliates via the contact information listed in this section. To help us serve you faster, please have the following information ready when you call:

- The Model Number and Serial Number of the printer.
- A list of any other peripheral devices attached to the same port as the printer.
- What application software, operating system, and network (if any) you are using.
- What happened and what you were doing when the problem occurred.
- How you tried to solve the problem.

Warranty Information

Ithaca® 9800 Printers come with a standard warranty that commences upon shipment from factory, and covers parts and labor. An optional warranty, covering both parts and labor, may be purchased separately.

Return Materials Authorization and Return Policies

If a support technician determines that the printer should be serviced at a TransAct facility, and you want to return the printer for repair, we will issue you the Returned Materials Authorization (RMA) number that is required before returning the printer. Please prepare the printer being returned for repair as follows:

- Pack the printer to be returned in the original packing material.
- Do not return any accessories unless asked to do so by a support technician.
- Write the RMA number clearly on the outside of the box.

Shipping Printers

Be sure to save the packing materials in the event that you need to send the printer in for servicing. TransAct is not responsible for damaged return items that are not packaged in original shipping material.

Sales Support

To order supplies, receive information about other Ithaca products, or obtain information about your warranty, contact our Sales Department at the contact telephone or fax numbers listed below or visit our web site at www.transact-tech.com.

Contact Information

USA
TransAct Inc.
20 Bomax Road
Ithaca, NY 14850, USA
Telephone 607.257.8901
Fax 607.257.8922
Web Site: www.transact-tech.com

European Service Operations
7 Wood View
Broomhouse Lane Industrial Estate
Edlington, Doncaster DN12 1EQ UK
Telephone 011-44-1709772500
Fax 011-44-1709772505

Asia
TransAct Macau Office
Level 20, AIA Tower
Nos 241A-301, Avenida Comercial de Macau
Macau
Rash Suliman
Telephone +(853) 6269 6966
E-mail rsuliman@transact-tech.com

Chapter 2

Safety Precautions

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Important Safety Precautions

General Precautions

- Never place the printer on a slanted or unstable stand or table. If the printer is dropped or slides off, this could cause personal injury.
- Never locate the printer near a water faucet or in any other location where it will be exposed to water. This could cause serious electrical shock.
- Place the printer in a location that meets the specified ranges of temperature and humidity. If the printer is either too cold or too hot, it may not operate normally. Operating environment: 5 - 50°C (41 - 122°F) RH 10 - 90% (with no condensation).
- Place the printer in an area where you can disconnect the power cord immediately; keep the area around the power cord connection free from obstacles. This allows you to unplug the power cord quickly in an emergency.

Power Supply and Power Cord

To avoid the risk of fire, electrical shock, personal injury, or damage to the printer:

- Always use the power cord provided with this printer. To avoid a fire or electrical shock, do not use an extension cord.
- Connect the printer power cord to an independent power source that is not shared by other equipment or appliances.
- Make sure that the power plug is securely and completely inserted into the power source.
- Do not cut, damage, or otherwise alter the power cord. Never place a heavy object on the power cord, never expose it to heat, and never pull the cord to disconnect it. If the power cord is damaged in any way (condensation on exposed wires, broken wires, etc.) contact customer service where you purchased the printer.
- Never handle the power cord or plug when your hands are wet.
- Never knot the power cord or wrap it around itself.
- To avoid a fire hazard, occasionally disconnect the power cord from the printer and the power supply, and use a soft dry cloth to clean the cord connectors and the connection points. Leaving the cord plugged in and not cleaned for a long period, especially in an area subject to dust, oil, and high humidity, could cause the insulation material to deteriorate.
- Turn off the main power before removing the power plug from the outlet.
- Check the power plug and cord for any problem (abnormal heat, rust, bend, cracks, scratches, etc.) at least once a month.
- If any problem is found with the power plug or cord, contact customer service regarding a replacement cord/

- Never pull on the power cord to unplug the cord from the power supply. Always grip the plug to remove it from the power supply.
- If the printer will not be used for a long period, disconnect the power cord from the power source.
- Always keep the area around the power plug free of obstacles so that you can unplug it easily. This allows you to unplug the power cord quickly in an emergency.
- Never use any power source other than the one rated for the printer. This printer is designed to be used in the region where you purchased. Also, make sure that the power source can supply sufficient power for the printer.

Supply Voltage:
AC 90-265 V, 47-63 Hz

Handling the Printer and Accessories

To avoid the risk of fire, electrical shock, personal injury, or damage to the printer:

- Never clean the printer with water or any flammable liquid (alcohol, benzene, thinner, etc.) either applied directly or with a cloth. If you accidentally spill liquid on the printer, switch the printer off immediately, disconnect the power plug from the power source, and call for service.
- If the printer emits smoke, unusual odors, or makes noises, leaving it could cause a fire or serious electrical shock or damage to the printer. Switch the printer off immediately, disconnect the power plug from the power source, make sure that the printer has stopped smoking, and call for service. Do not attempt to repair the printer by yourself.
- Use only a slightly damp cloth, thoroughly wrung out, to clean the printer surfaces. Never use alcohol, thinner or any other flammable liquids, or risk having them come into contact with electrical components inside the printer.
- There are high voltage points inside the printer. Never attempt to disassemble or repair the printer.
- Never insert or drop any metal objects into the printer when it is open. This could cause a fire or serious electrical shock, or damage the printer. If something falls into the printer accidentally, switch the printer off immediately, disconnect the power plug from the power source and call for service.
- If the printer is dropped and damaged, switch the printer off immediately, disconnect the power plug from the power source, and call for service.
- Never use flammable sprays around the printer.
- Never remove the cover from the printer.
- Before cleaning the printer, switch it off and disconnect the power plug from the power source.

Note:

- Do not rapidly switch the printer off and on. This could damage the printer. After switching the printer off, wait at least 5 seconds before switching it on again.

Chapter 3

Ithaca® 9800 Specifications and Requirements

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Ithaca® 9800 Specifications and Requirements

Standard Features

The following features are standard for Ithaca® 9800 printers:

- 9.7-inch touch screen (diagonal measurement) using “hot touch” capability with 9.7-inch color display
- Standard 2.36 inches (60mm) wide direct thermal printer for printing “prep” and “discard by date” information
- Top-of-form sensor (also acts as label out sensor)
- Capable of printing on various direct thermal die cut labels
- External universal power supply (SEALED) with docking bay in terminal (PowerPocket®)
- On-screen editing capability
- PC-Based Companion Utility
- Small terminal footprint
- Real-time clock (battery backed) to generate “prep” and “discard by” date and time

- Touch screen and terminal capable of multi languages for all areas of the world (AOW)
- Self Diagnostics
- Remote firmware update through Ethernet or USB thumb drive
- ON/OFF Switch: Accessible but located to minimize spillage susceptibility
- Easy label loading
- “Spill-proof” by design
- Label tear-off (both std. and optional) - tear off in both upwards and downwards direction
- Capable of printing bar codes, including PDf417
- Portrait or landscape printing
- Ladder and fence barcode printing
- Internal counters to track number of hours on, labels completed, lines fed, error conditions
- Easy access to print head/platen for cleaning

Optional Features

- Battery module
- Wall mount kit

Physical Printer Specifications

Max Dimensions			
	W	D	H
Dimensions in inches	11.75	9.06	9.99
Dimensions in mm	298.45	230.12	253.74

Weight: approx. 10 lbs. (4.54 kg)

Interfaces:
USB 2.0 Type A, 10/100 BASE-T Ethernet, Wi-Fi, Bluetooth v4.0

Printing Characteristics

Printing method:	Thermal monochrome
Resolution:	8 dots/mm (203 DPI)
Print zone:	2 inches (51mm) using 2.2 inch (56mm) wide label 1 inch (25mm) using 1.2 inch (30mm) wide label
Print speed:	5 inches per second (125mm per second) (printing labels)

Environmental Conditions

The Ithaca® 9800 is designed to be placed on a flat, stable surface. Be aware that the environmental conditions of the location where you place the printer will have an effect on the printer's performance and longevity. The printer will run its best when stored and operated in an environment that meets the temperature and humidity conditions described below.

Temperature:

Typical Operating:	+5 to +50 °C. (41-122 °F)
Storage & Shipping:	-10 to 50 °C. (14-122 °F)

Humidity:

Operating:	10 to 90% RH (non condensing)
Storage & Shipping:	10 to 90% RH (non condensing)

Electrical Specifications

90 VAC - 265 VAC, 47-63 Hz

Reliability

Print Head Life – 50KM

Media Specifications

Label thickness:	.0065 - .0075 inches thick, including liner
Label Roll Diameter:	4 inches (101.6mm max)
Label Dimensions:	Adjustable, 1 inch and 2 inch nominal widths

Adhesives

Permanent
Freezer Grade
Dissolvable
Removable
Nutritional

USB Interface

The USB interface is a Version 2.0 host interface with a standard Series "A" receptacle as defined in the USB Specification.

The standard USB Type A connector has the following pin functions:

Pin	Signal
1	Vbus (+5 V dc power for external devices @ 500mA)
2	Minus data
3	Plus data
4	Ground

Note: The standard USB interface does not have sufficient power to run the printer.

Regulatory Compliance

FCC Class A
RoHS
EN55022 Class A
CE Mark (1998) Class A FCC Class A
EN55024
ISTA
Energy Star

Chapter 4

Installation and Setup

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Unpack the Printer

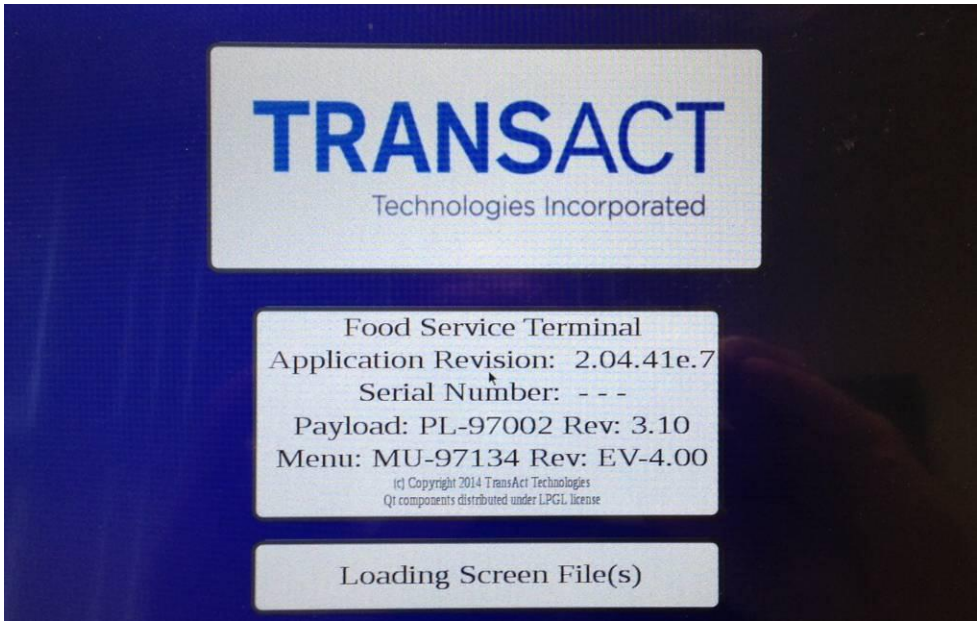
Be sure to save the box and packing materials in case you need to send the printer in for service. TransAct Technologies is not responsible for damaged return items that are not packaged in original shipping material. Refer to “Return Materials Authorization and Return Policies”, on page 6 for information on what to do if you have to return your printer for repair.

Set Up the Printer

Make sure that there is sufficient space around the printer for access to the touch screen menu, and to open the printer to replace paper and access the printer mechanism, both of which are described later in this chapter.

Plug the power cord of the printer into an appropriate electrical outlet. To turn the printer on, press the power switch located at the rear of the left side of the printer, as shown in the figure.

A startup screen is displayed while the unit is powering up. In the event that at least one printer mechanism is not connected, an error message is generated.



Printer Features

The diagram below shows the main external features of your Ithaca® 9800 printer.

[1] Front terminal door - swings upward to provide access to label rolls and printer mechanisms.

[2] Touch screen display - contains configured food items and categories, as well as HELP system displays and menu options for SETUP functions.

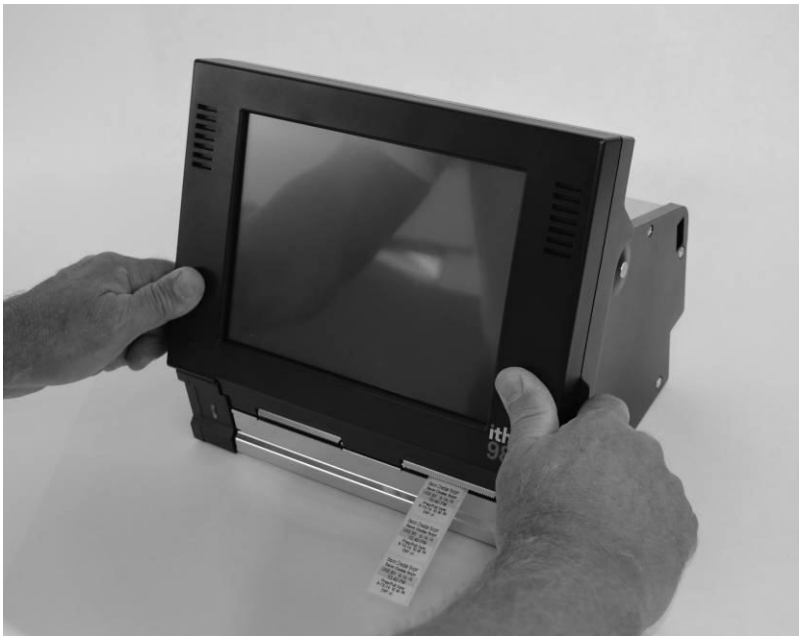
[3] USB and Ethernet ports.

[4] Label printing slots: up to two printers supported, with varying media sizes.

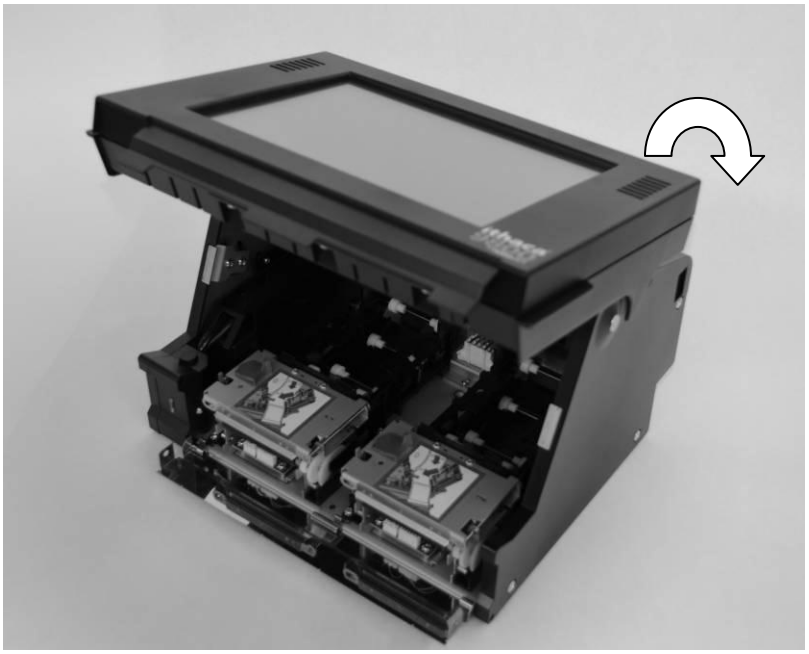
Loading Label Rolls

The Ithaca® 9800 printer features easy, drop-in loading of thermal label roll media. This section discusses how to load label media.

1. Grasp the sides of the display, and rotate it toward the rear of the terminal.

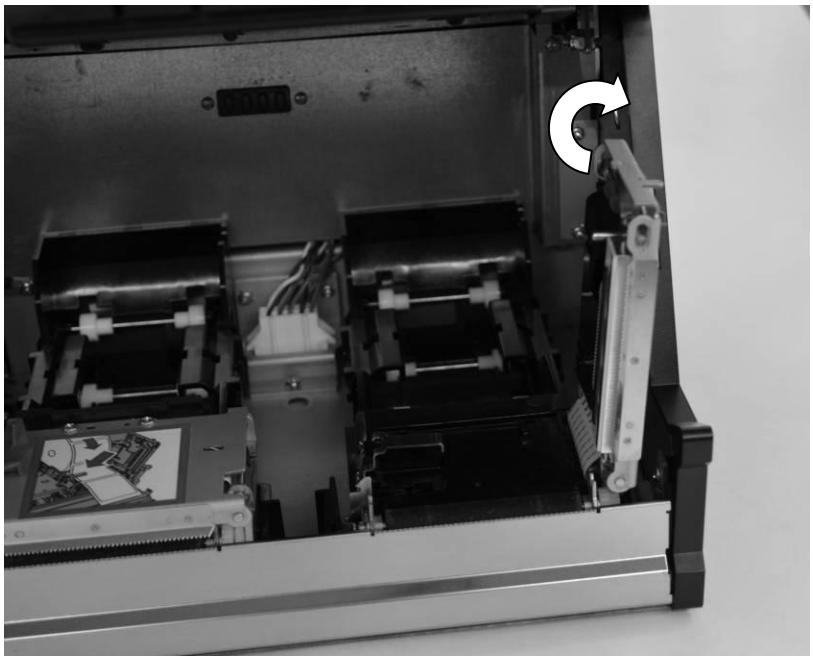


2. Rotate the display until it in a horizontal orientation as shown in the figure.



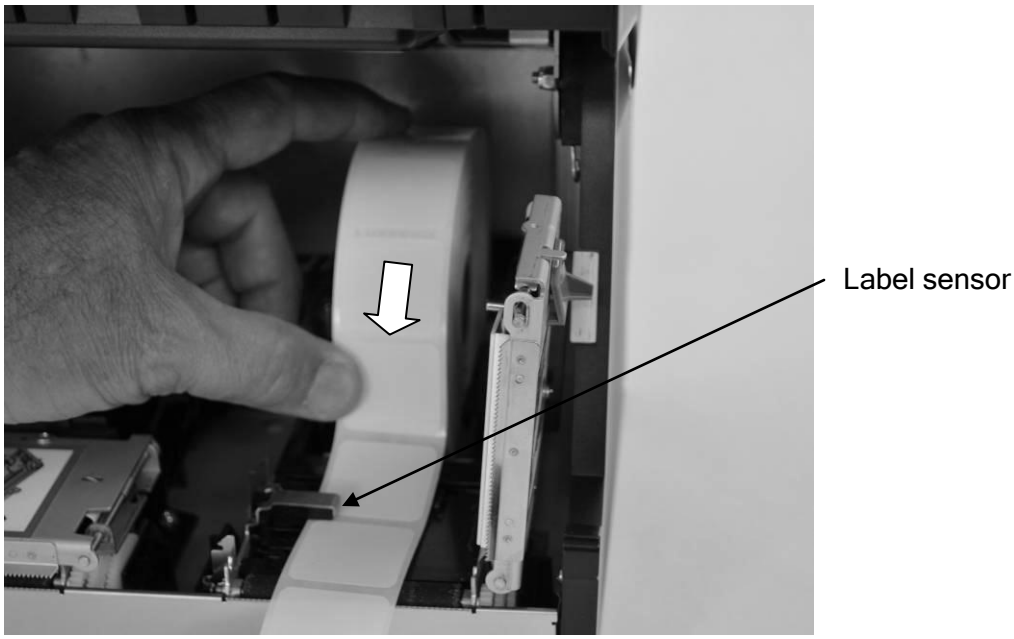
3. Grasp the plastic cover latch as shown and squeeze to release it.

4. Rotate the printer mechanism cover to the open position as shown

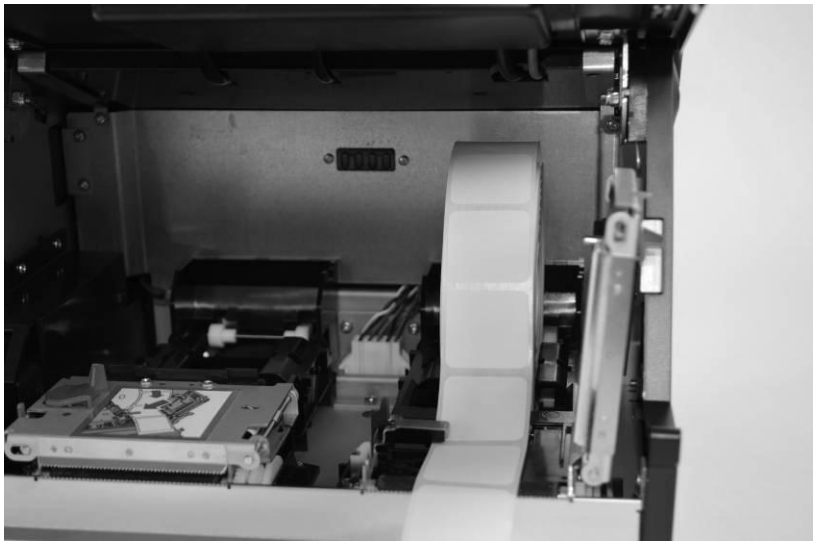


5. Drop the label roll into the label roll bucket. Note the proper orientation of label stock coming off **top** of roll.

Thread label stock under label sensor in printer mechanism as shown. Leave three or four labels in front of printer mechanism.



Note that following the insertion of the paper, the label sensor should be positioned over a label, not the web between labels, as shown in the figure.

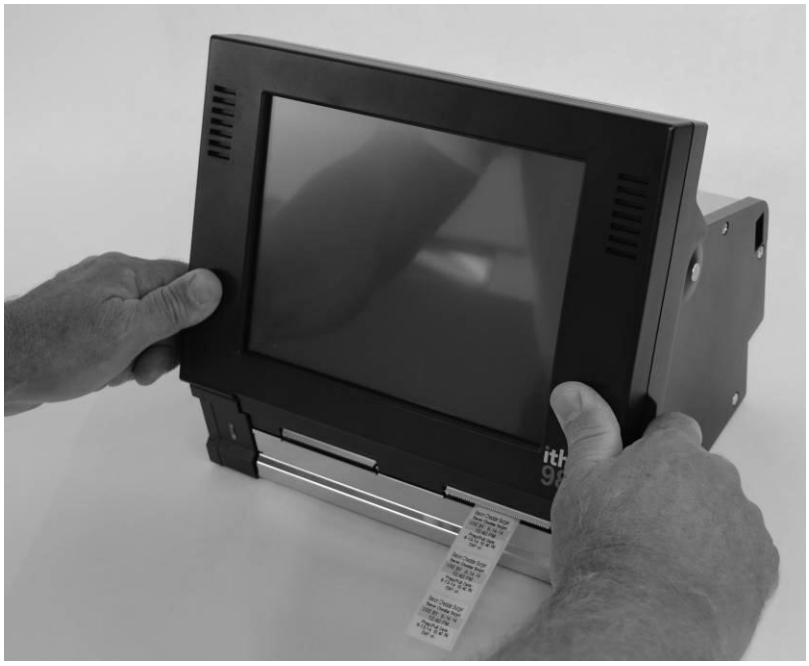


6. Close printer mechanism cover as shown. Rotate cover until it latches securely. Printer automatically aligns to the next label.

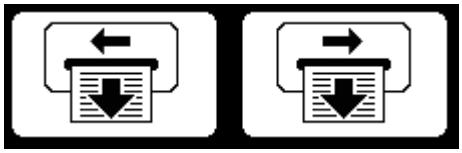
7. Grasp sides of display and rotate forward until it is in closed, latched position.

8. Label stock may be torn off by either pulling upwards or pulling downwards.

9. To make sure labels are loaded correctly, press the left or right feed button on the display several times after the device is powered up.



Note: The left and right feed buttons may be customized to specific customer sites. The default buttons are as shown below:



Note: The Ithaca® 9800 printer supports different sizes of label media. See the next section, Changing the Printer Mechanism, for details on installing new printer mechanisms to support different label types.

Chapter 5

Disassembly

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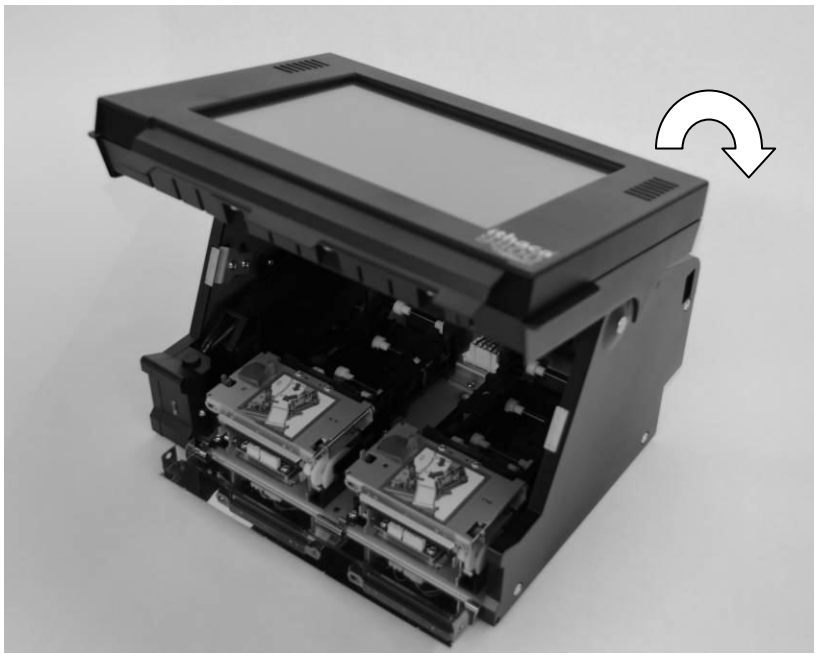
Disassembly of Major Components

The Ithaca® 9800 printer has the capability to quickly and easily load different printer mechanisms to support thermal printing of different sizes of labels. This section discusses how to open the unit and remove and change the printer mechanism.

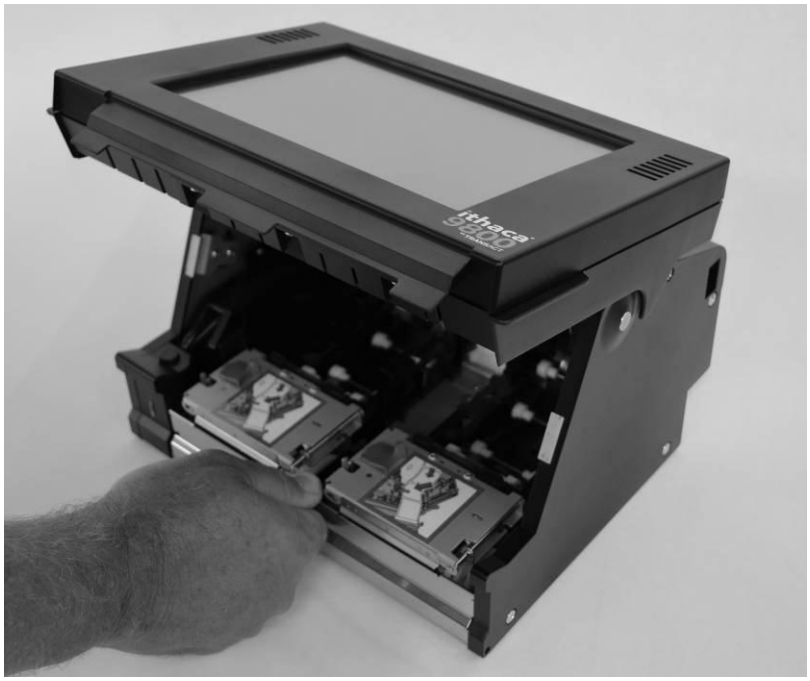
1. Press the power switch on the side of the terminal to turn it **OFF** as shown.

2. Grasp the sides of the display, and rotate it toward the rear of the terminal.

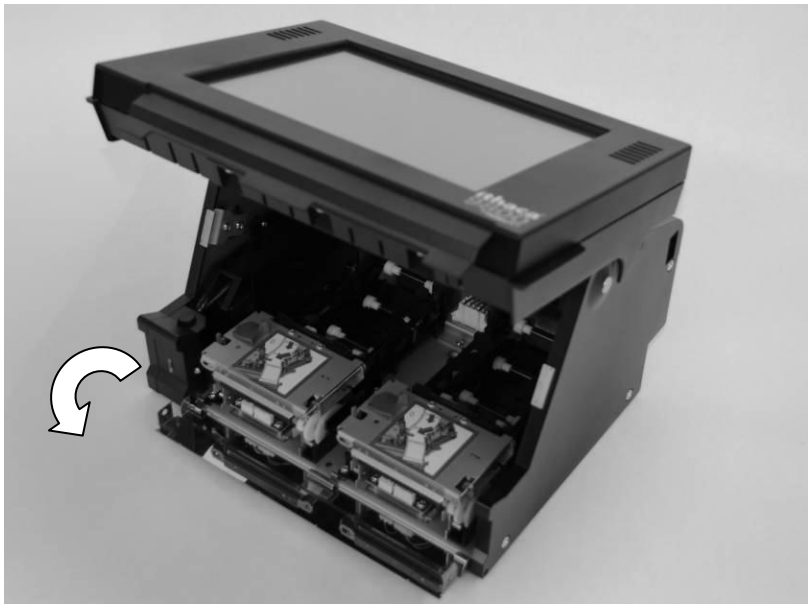
3. Rotate the display until it in a horizontal orientation as shown in the figure.



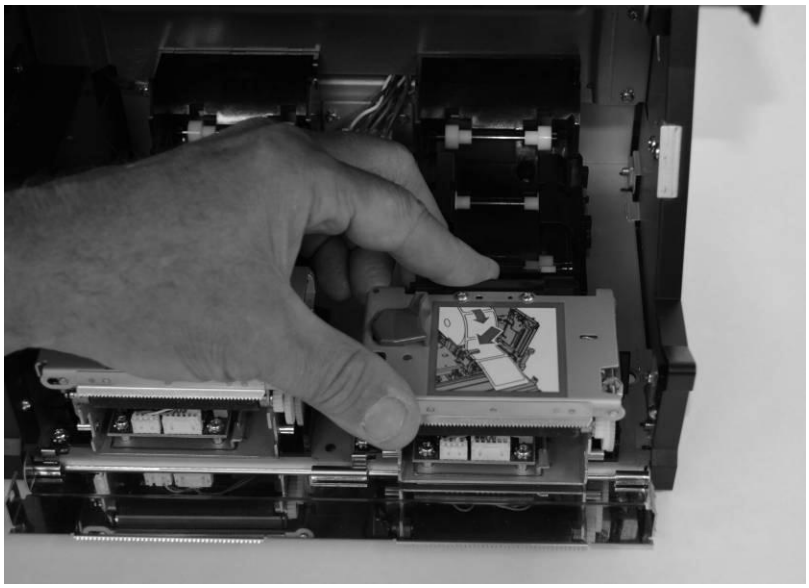
4. Grasp the front terminal door with both hands, and pull it forward and down as shown.



5. Rotate the door to the open position as shown in the figure.



6. Lift and pull the printer mechanism carefully out of the terminal.



8. The printer mechanism is now removed.

Chapter 6

Parts List

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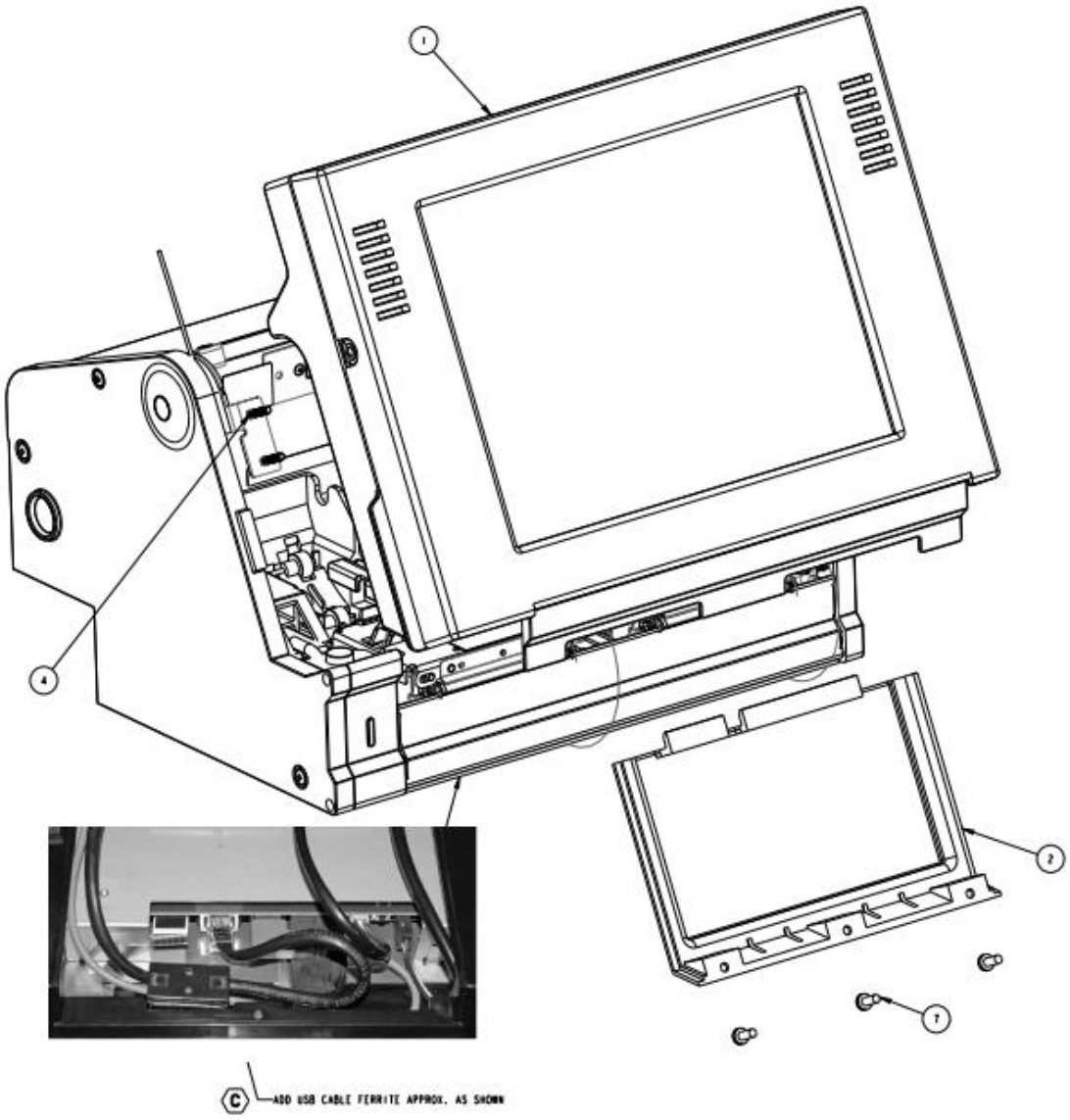
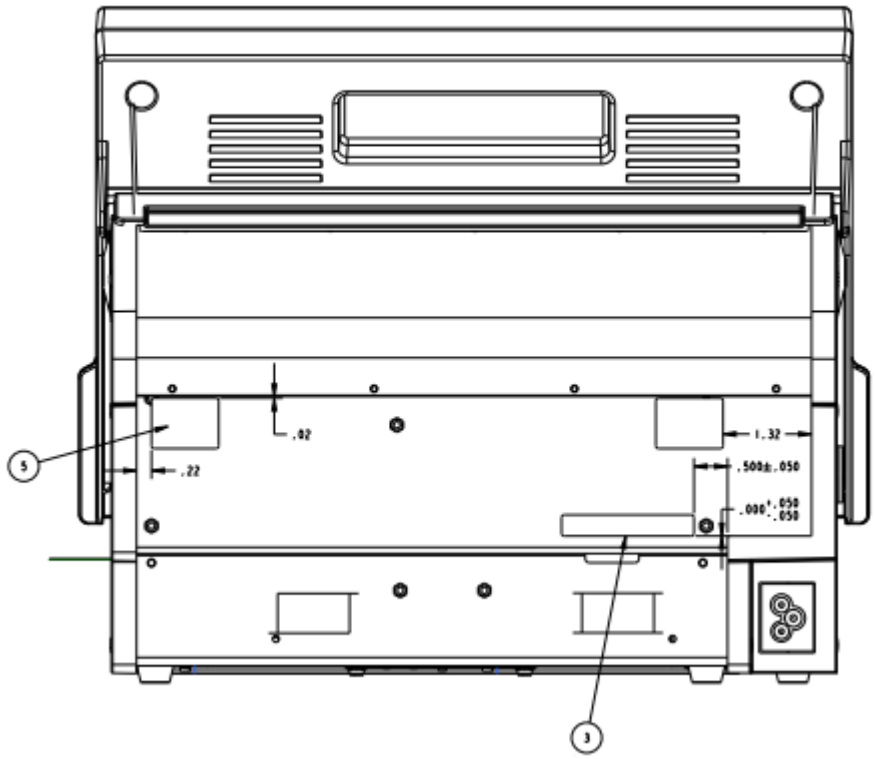
Main Printer Assembly 97-12575

Front view

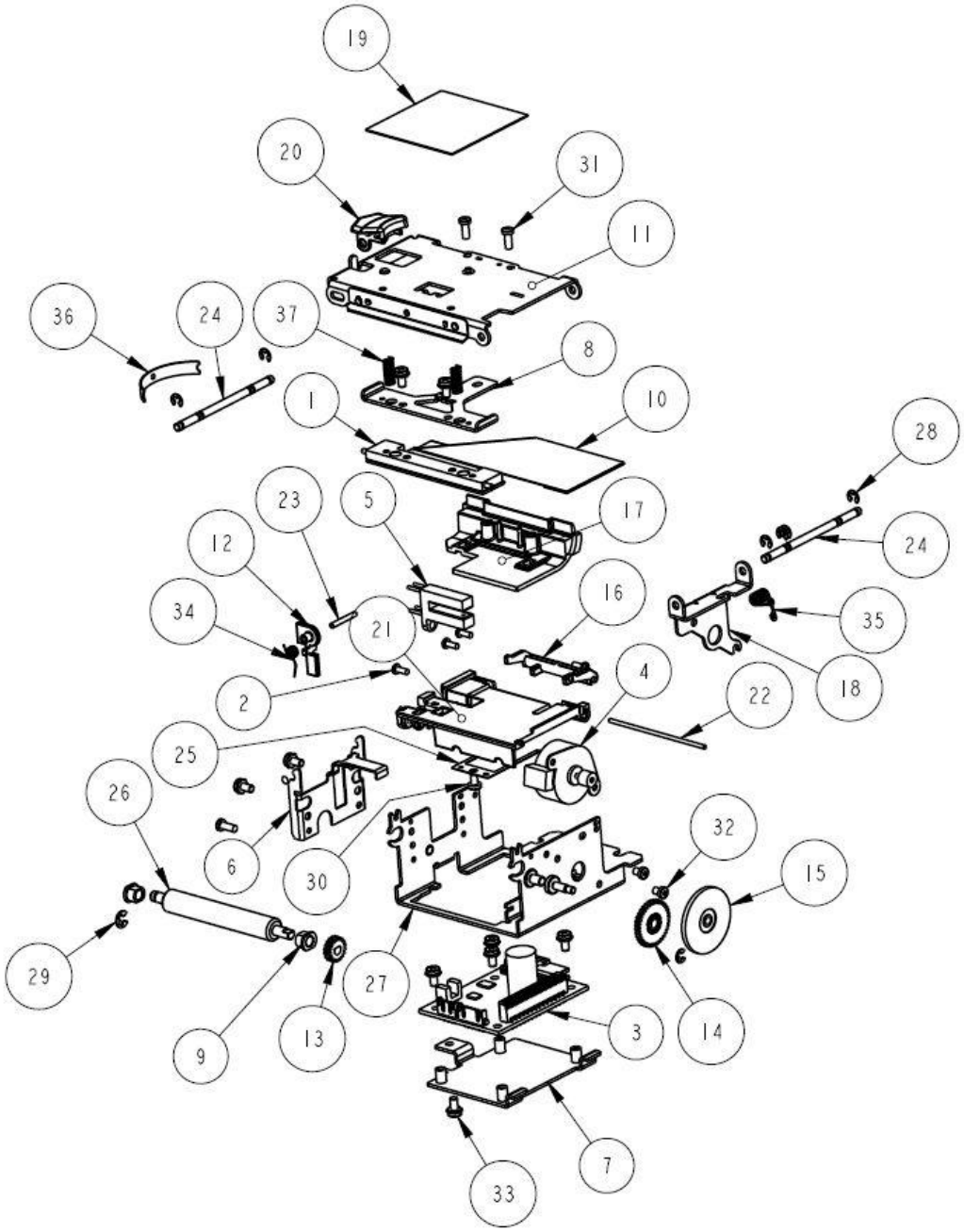


Rear view



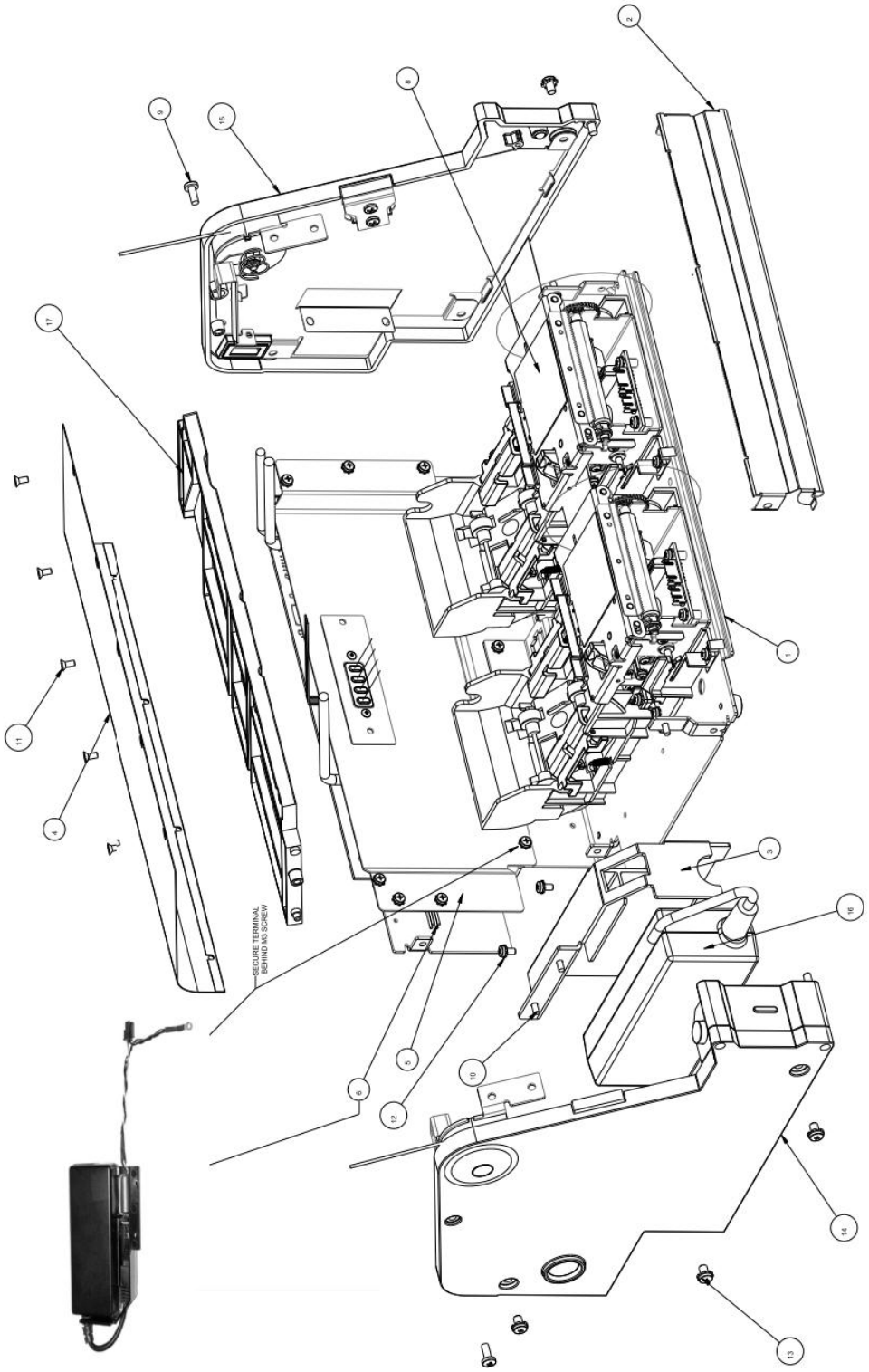
Item	Qty	Part number	Description
1	1	97-12550	ASSY - DISPLAY BEZEL
2	1	97-12526	COVER - PCB ACCESS
3	1	98-07010	LABEL - VENDOR SERIAL PLATE
4	4	98-11585	M3 X 16MM SEMS PAN HEAD
5	2	97-13637	NAME
6	1	97-12450	PRINTER ASSEMBLY-LOWER
7	3	98-2052	SCREW 6-20 X 3/8 THD CUT PHPS HD

Printer Mechanism 97-11000



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	97-11035	HEAT SINK (ASSY)
2	4	98-02592	2-32 X 1/4 PAN HD PLASTITE HI-LO
3	1	97-10627L	9700 MECH BOARD ASSEMBLY ROHS
4	1	97-10964L	ASSY - MOTOR
5	1	97-10966L	ASSY - PAPER OUT SENSOR
6	1	97-11024	BRACKET - LATCH
7	1	97-11040	BRACKET - PC BOARD (ASSY)
8	1	97-11031	BRACKET - HEAD
9	2	20-03152	BUSHING - VALIDATION SHAFT
10	1	97-11069	CABLE - PRINT HEAD (FOLDED)
11	1	97-11030	COVER - PRINTER (ASSY)
12	1	97-11016	FLAG - COVER OPEN
13	1	97-11019	GEAR - 18 TOOTH
14	1	97-11023	GEAR - 36/18 TOOTH
15	1	95-05776	GEAR - 54/16 TOOTH
16	1	97-11037	GUIDE - PAPER
17	1	97-11042	GUIDE PAPER (TOP)
18	1	97-11022	HINGE - COVER
19	1	97-11582	LABEL - ITHACA 9700 PAPER LOAD
20	1	97-11012	LATCH - COVER
21	1	97-11013	PAPER - PATH
22	1	97-11038	PIN - PIVOT
23	1	97-11049	PIN - PIVOT (COVER OPEN)
24	2	97-11008	PIVOT PIN
25	1	97-11044	PLATE - SPRING
26	1	97-11009	RING - RETAINING
27	1	97-11025	PRINTER - FRAME
28	8	520-9800002	RING - RETAINING
29	1	520-9800003	RING - RETAINING
30	1	98-04997	SCREW - 4-24 (.187) PHPS PHD
31	3	98-7608	SCREW - #4 PLASTIC THREAD FORMING
32	2	98-1182	SCREW - M2.6 x 4mm PHPS PHD
33	9	98-02215	SCREW - M3 x 6MM SEMS PHPS PHD
34	1	97-11061	SPRING - COVER OPEN
35	1	97-11056	SPRING - COVER (TORSION)
36	1	97-11028	SPRING - FLAT, LATCH
37	2	97-11046	SPRING - PRINTHEAD COMPRESSION

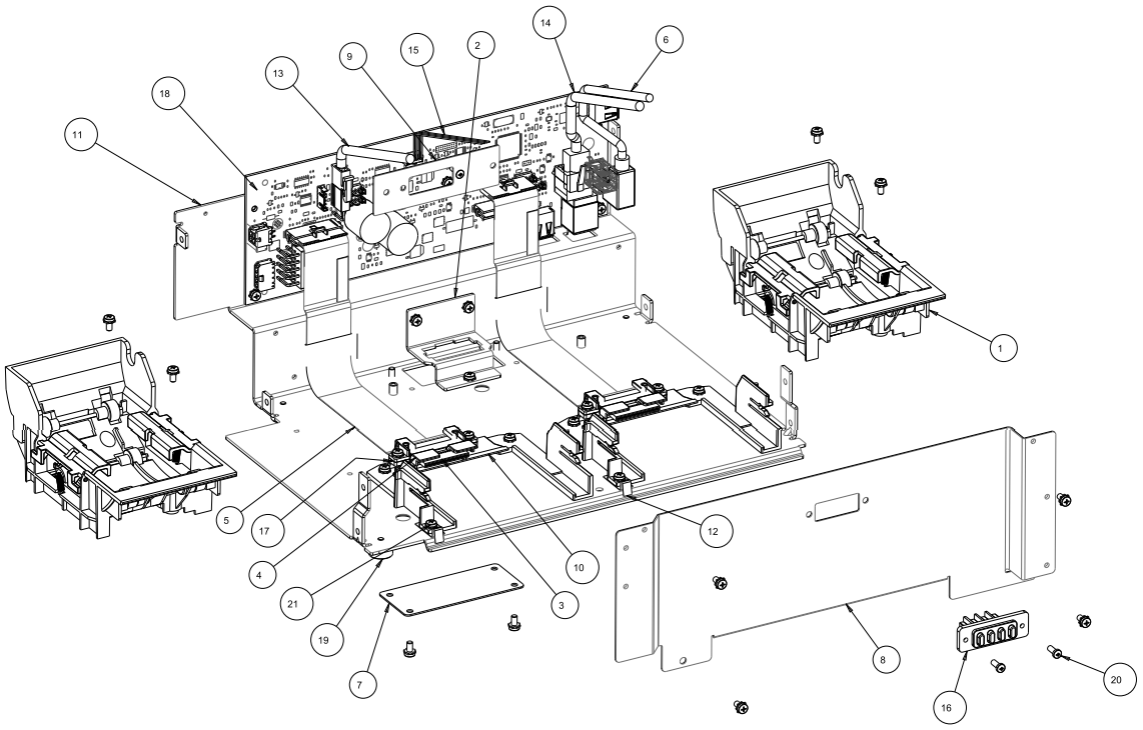
Printer Assembly - Lower 97-12450



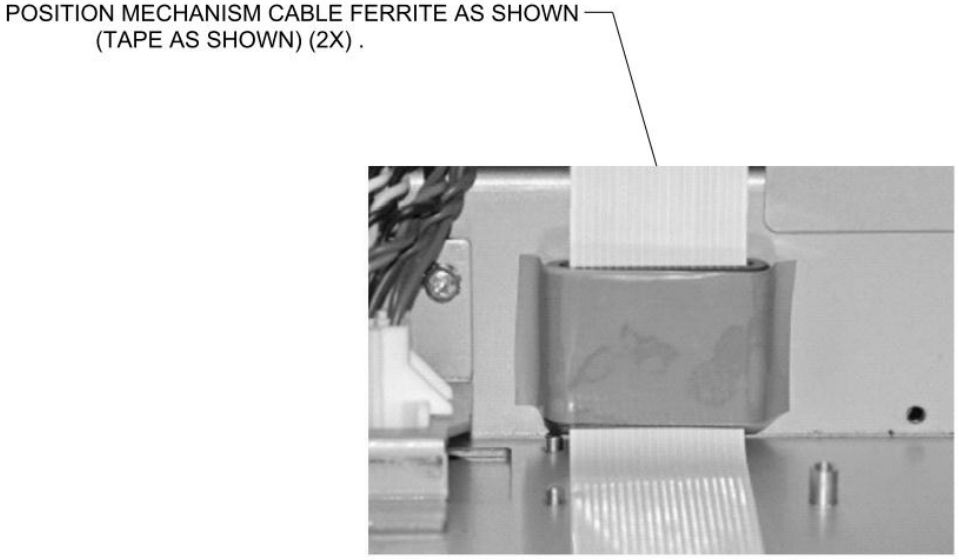
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	97-12471	BASE PLATE ASSEMBLY
2	4	97-11469	COVER-FRONT
3	1	97-11140	COVER-POWER SUPPLY
4	1	97-12481	COVER-TOP
5	1	97-12247L	HARNESS-FRONT PANEL
6	1	97-12239L	HARNESS-POWER SUPPLY
7	1	97-13051	NAME
8	2	97-11000	PRINT MECHANISM
9	2	98-2052	SCREW 6-20 X 3/8 THD CUT PHPS HD
10	4	98-7608	SCREW-#4 PLASTIC THREAD FORMING
11	5	98-11578	SCREW-#4-24 X .25LG FLT HD THREAD FORM
12	10	98-02215	SCREW-M3x6mm SEMS PHD PHPS
13	6	98-13483	SCREW-M3x6mm SEMS PHD PHPS
14	1	97-12475	SIDE FRAME ASSEMBLY-LEFT
15	1	97-12479	SIDE FRAME ASSEMBLY-RIGHT
16	1	98-12282L	SUPPLY - POWER
17	1	97-12482	SUPPORT-TOP COVER

Base Plate Assembly 97-12471

Front view

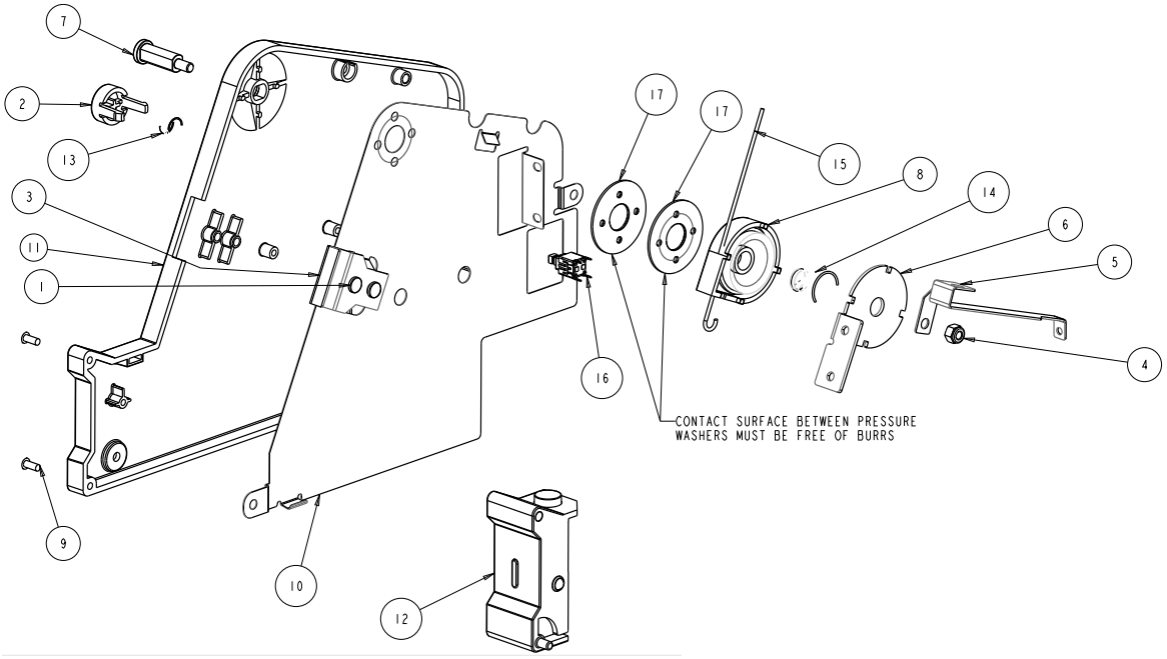


Detail note



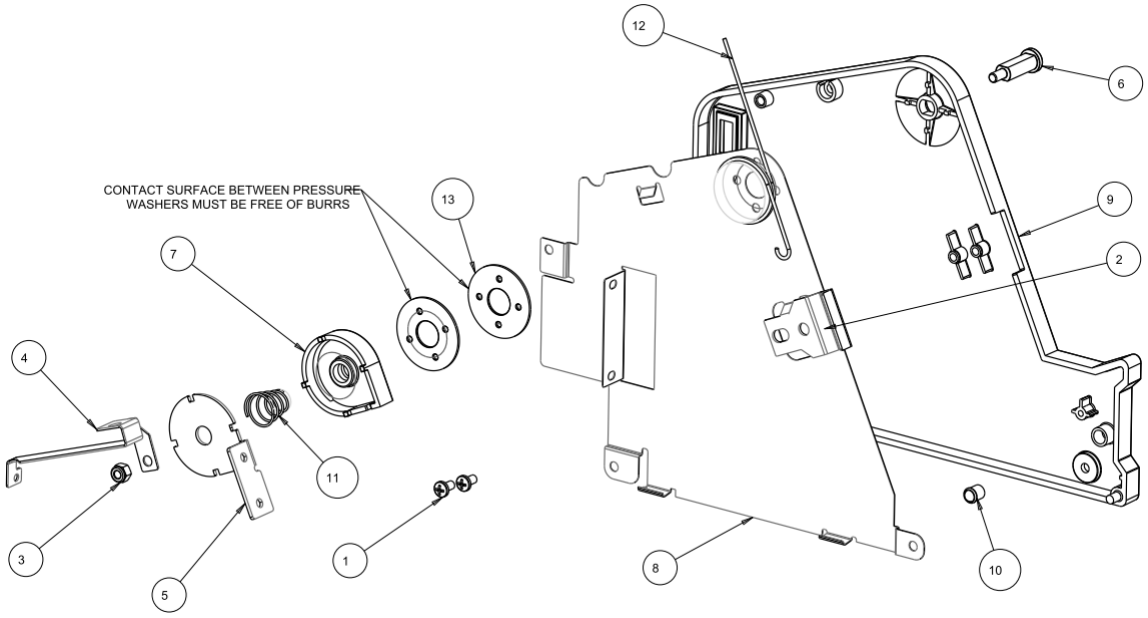
Item	Qty	Part number	Description
1	2	97-11180	ASSY - PAPER BUCKET
2	1	97-12489	BRACKET-INNERCONNECT
3	2	97-11857	CABLE CLAMP, BOTTOM
4	2	97-11856	CABLE CLAMP, TOP
5	2	97-12240L	CABLE-20 POSITION INTERCONNECT
6	1	97-12244L	CABLE-USB-LA-A MALE TO RA-B MALE
7	1	97-12490	COVER-BATTERY CONNECTOR
8	1	97-12436	COVER-DOCKING PCB
9	1	97-13054	COVER-DOCKING PCB
10	2	97-11855	DOCKING STATION (PRINT MECH)
11	1	97-12474	FRAME ASSEMBLY-BASE
12	2	97-11491	GROUND-FRONT DOOR
13	1	97-12241L	HARNESS - CONTROL BOARD POWER
14	1	97-12242L	HARNESS-ETHERNET DOCKING/CONTROL
15	1	97-12243L	HARNESS-ETHERNET LEDS
16	1	97-12445	LIGHT PIPE ASSY-DOCKING PCB
17	4	98-1832	M3 HEX NUT
18	1	97-12285L	PWA-FST9800 DOCKING BOARD
19	4	97-13055	RUBBER FOOT
20	3	98-7608	SCREW-#4 PLASTIC THREAD FORMING
21	32	98-02215	SCREW-M3x6mm SEMS PHD PHPS

Side Frame Assembly - Left 97-12475



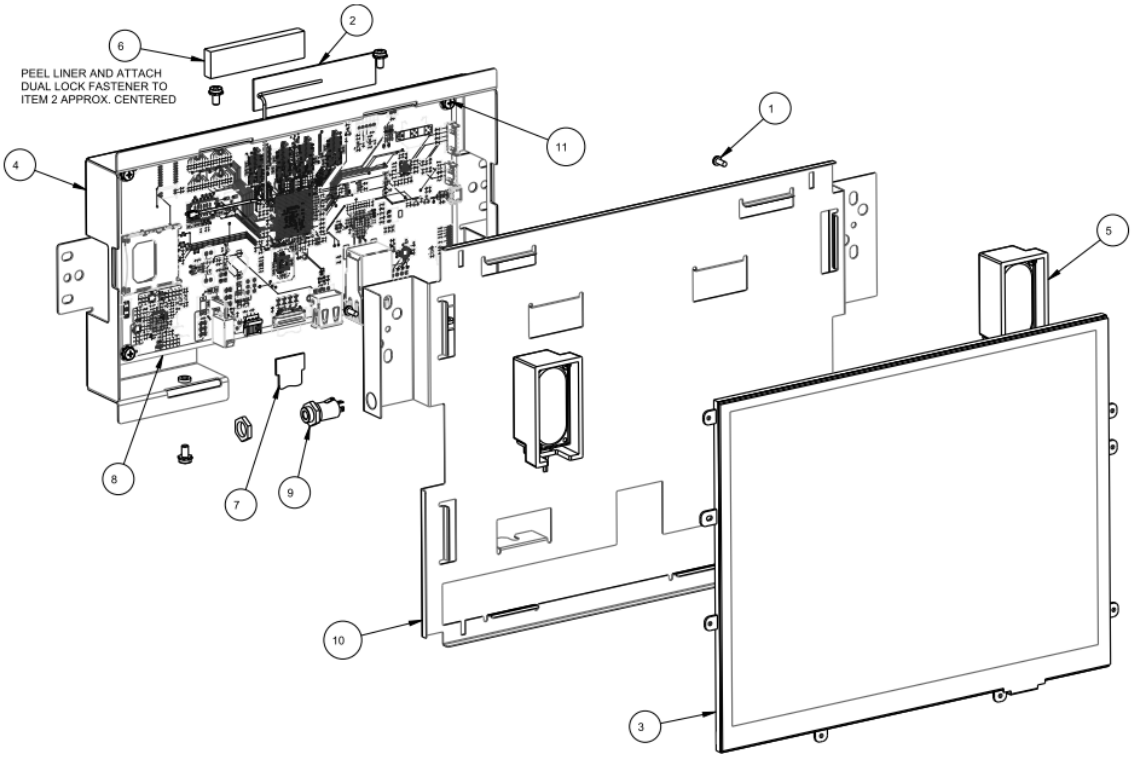
Item	Qty	Part number	Description
1	2	M067883-03	#6 x 1/4 PHIL, PH, PLASTITE
2	1	97-12551	BUTTON - POWER
3	1	97-12177	LATCH PLATE
4	1	98-05786	M4 NYLOC NUT
5	1	97-13050	NAME
6	1	97-11485	PIVOT BRACKET-LEFT
7	1	97-11479	PIVOT PIN
8	1	97-11607	PIVOT-LEFT
9	2	98-7608	SCREW-#4 PLASTIC THREAD FORMING
10	1	97-12478	SHIELD-ESD (LEFT)
11	1	97-12443	SIDE PLATE-LEFT
12	1	97-12432	SPACER ASSEMBLY-FRONT
13	1	28-03857	SPRING-COMP-POWER BUTTON
14	1	97-11571	SPRING-PIVOT
15	1	97-12452	SPRING-TORSION (DISPLAY, RIGHT)
16	1	97-12295L	SWITCH - POWER
17	2	97-11605	WASHER-PRESSURE

Side Frame Assembly - Right 97-12479



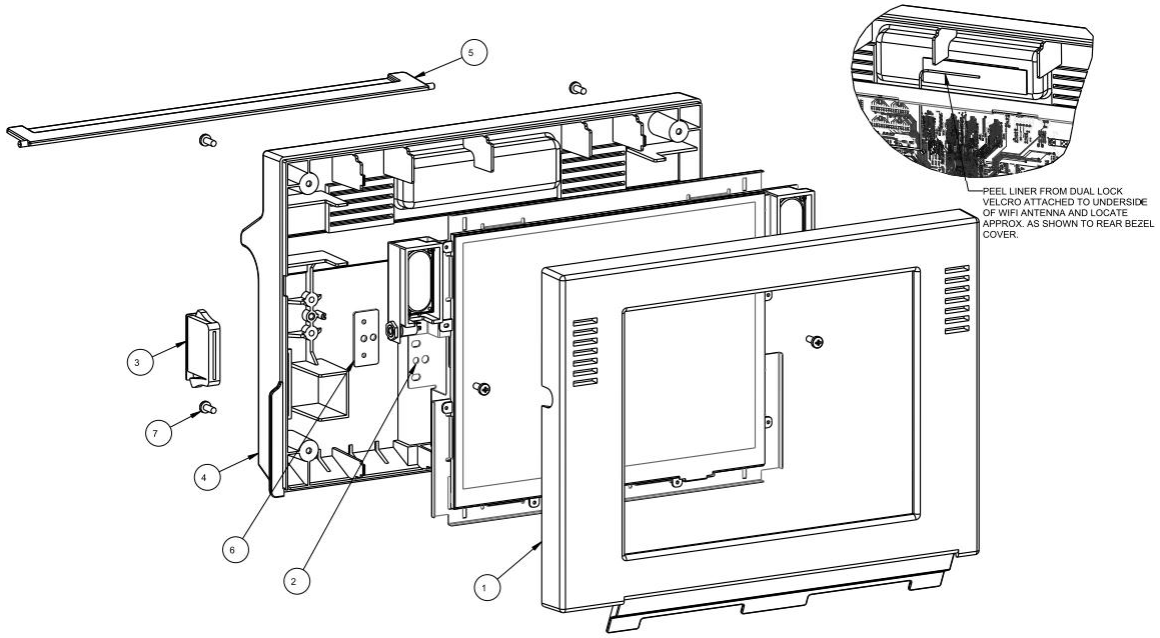
Item	Qty	Part number	Description
1	2	M067883-03	#6 x 1/4 PHIL, PH, PLASTITE
2	1	97-12177	LATCH PLATE
3	1	98-05786	M4 NYLOC NUT
4	1	97-13053	NAME
5	1	97-11477	PIVOT BRACKET RIGHT
6	1	97-11479	PIVOT PIN
7	1	97-11606	PIVOT - RIGHT
8	1	97-12477	SHIELD - ESD (RIGHT)
9	1	97-12480	SIDE PLATE - RIGHT
10	1	98-11561	SPRING PLUNGER
11	1	97-11571	SPRING - PIVOT
12	1	97-12451	SPRING - TORSION (DISPLAY, LEFT)
13	2	97-11605	WASHER - PRESSURE

PCB Enclosure Touchscreen Assembly 97-12540



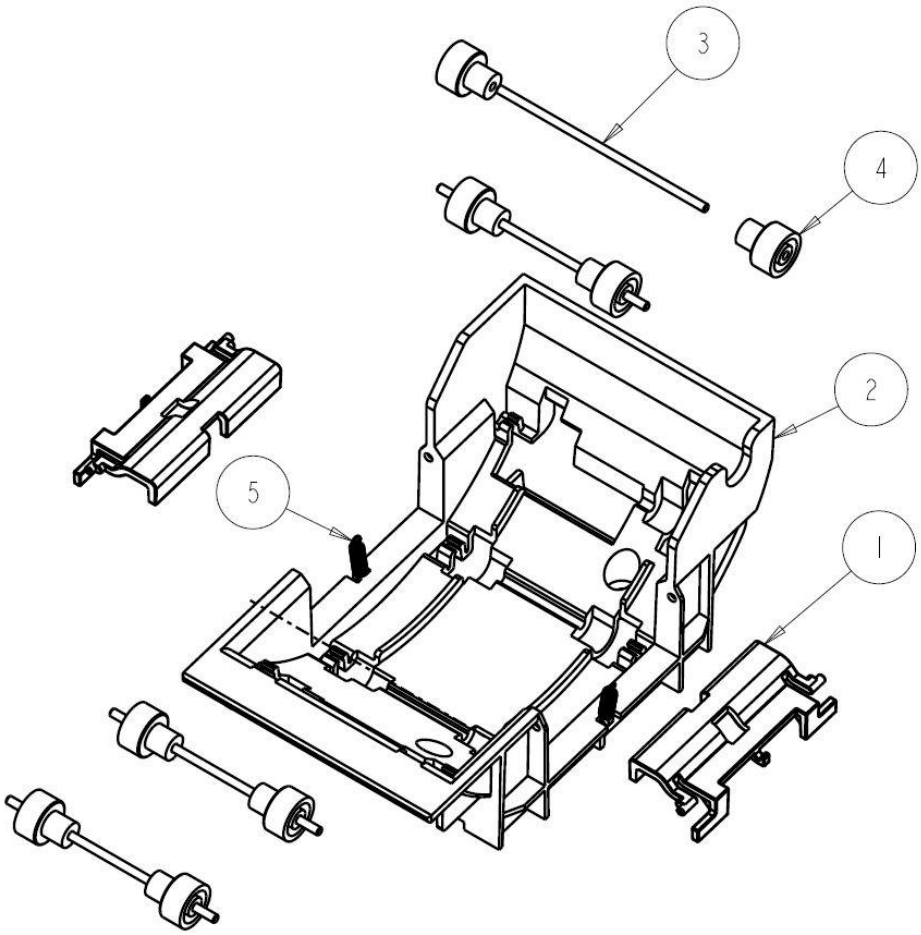
Item	Qty	Part number	Description
1	2	98-02592	2-32 X 1/4 PAN HD PLASTITE HI-LO
2	1	99-12323L	ANTENNA - DUAL BAND PCB W/CABLE ROHS
3	1	97-12536	ASSY - DISPLAY/TOUCHSCREEN
4	1	97-12524	ASSY - PCB ENCLOSURE
5	2	97-12528	ASSY - SPEAKER MOUNT
6	1	98-13482	BLACK DUAL LOCK 1/2" X 2"
7	1	97-11219L	CABLE - LCD, LVDS
8	1	97-11689L	CONTROL - PCB
9	1	97-12245L	HARNESS - HEADPHONE JACK
10	1	97-12525	MOUNT - DISPLAY
11	8	98-02215	SCREW-M3x6mm SEMS PHD PHPS

Display/Touchscreen Assembly 97-12536



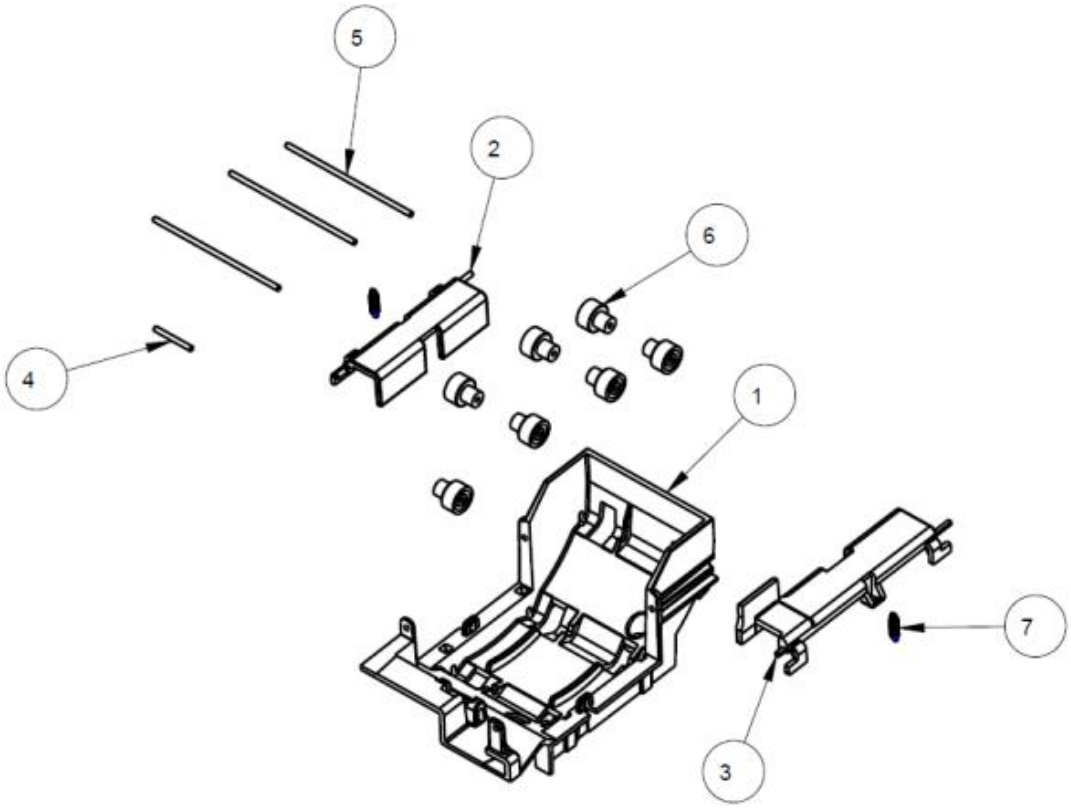
Item	Qty	Part number	Description
1	1	97-12535	ASSY - FRONT DISPLAY BEZEL
2	1	97-12540	ASSY - PCB ENCLOSURE/TOUCHSCREEN
3	2	98-11568	CATCH - MAGNETIC
4	1	97-12520	COVER - REAR BEZEL
5	1	97-12521	COVER - UPPER
6	2	97-11190	PLATE - HINGE GROUND
7	6	98-2052	SCREW 6-20 X 3/8 THD CUT PHPS HD

Paper Bucket Assembly 97-11180



Item	Qty	Part number	Description
1	2	97-11184	GUIDE - SIDE
2	1	97-11181	PAPER BUCKET
3	4	97-11182	ROD, ROLLER SUPPORT
4	8	97-11183	ROLLER - PAPER SUPPLY
5	2	97-11186	SPRING, EXTENSION

Alternate Paper Bucket Assembly 97-13505



Item	Qty	Part number	Description
1	1	97-13128	BUCKET M9800
2	1	97-12212	GUIDE - SIDE
3	1	97-12217	GUIDE - SIDE
4	1	97-12203	ROD, ROLLER SUPPORT
5	3	97-13134	ROD, ROLLER SUPPORT
6	7	97-11183	ROLLER - PAPER SUPPLY
7	2	97-11186	SPRING, EXTENSION

Appendix A: Ordering Supplies

Ithaca® 9800 supplies can be ordered easily direct from TransAct. We offer convenient one-stop shopping for all your printer needs, including paper, spare parts, manuals, printer servicing/refurbishment and more. For more information, call us at 1-800-243-8941 or visit www.TRANSACTsupplies.com.

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