



Parts

Wayne iX Pay™ T7 Secure Payment Terminals in Wayne Vista and Gilbarco Encore and Advantage Dispensers

Powered by Dover Fueling Solutions

This manual also applies to terminals with
SVM7 (7" displays) and SVM12 (12" displays)

P/N WU013653

Rev 02



ONLY SPM2 CERTIFIED TECHNICIANS
SHOULD SERVICE THIS PRODUCT



DANGER

READ THIS MANUAL BEFORE YOU BEGIN

Dispensers have both electricity and a hazardous, flammable and potentially explosive liquid. Failure to follow the below precautions and the Warning and Caution instructions in this manual may result in serious injury or death. Follow all rules, codes and laws that apply to your area.

SAFETY PRECAUTIONS - MAINTENANCE

Always make sure ALL power to the dispenser is turned OFF before you open the dispenser cabinet for maintenance. Physically lock, restrict access to, or tag the circuit breakers you turn off when servicing the dispenser. Be sure to trip (close) the emergency valve(s) under the dispenser BEFORE beginning any maintenance on hydraulic components.

Make sure that you know how to turn OFF power to the dispenser and submersible pumps in an emergency. Make sure that you can locate the facility's emergency shut-off button.

Make sure that you know how to trip (close) the emergency valve(s) under the dispenser in an emergency. Have all leaks or defects repaired immediately.

Block off the work area with safety cones around the dispenser before beginning maintenance.

EQUIPMENT/COMPONENT PRECAUTIONS

See additional Safety Precautions on the following page. Also, see Component Precautions in the Introduction section of this manual.

HOW TO CONTACT WAYNE

Service problems that cannot be resolved may be referred to Wayne Technical Support at (1-800-926-3737).

INDICATORS AND NOTATIONS



DANGER

Danger indicates a hazard or unsafe practice which, if not avoided, will result in severe injury or possibly death.



WARNING

Warning indicates a hazard or unsafe practice which, if not avoided, may result in severe injury or possibly death.



CAUTION

Caution indicates a hazard or unsafe practice which, if not avoided, may result in minor injury.

NOTE:

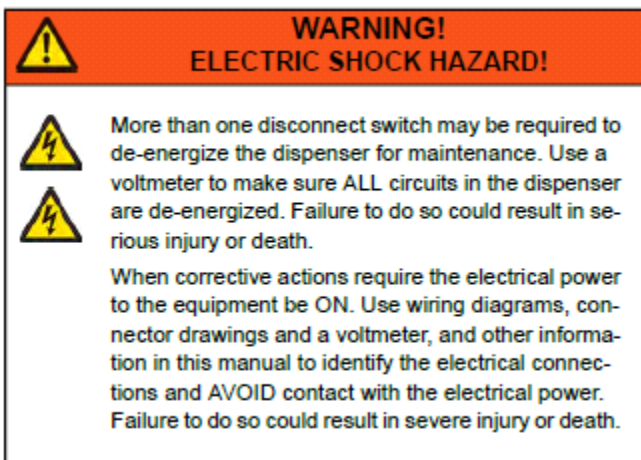
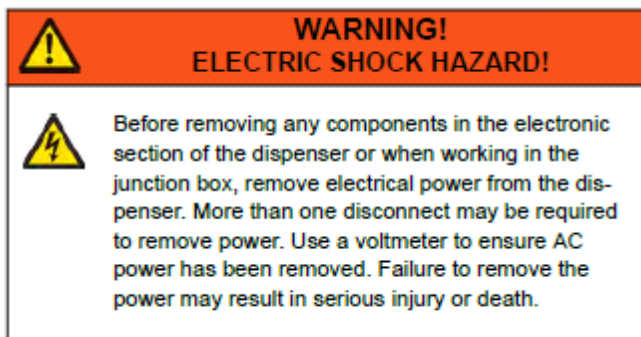
Important information to consider, otherwise, improper installation and/or damage to components may occur.

SAFETY PRECAUTIONS

NFPA 30A states that:

“When maintenance to Class 1 dispensing devices becomes necessary and such maintenance may allow the accidental release or ignition of liquid, the following precautions shall be taken before such maintenance is begun:

- Only persons knowledgeable in performing the required maintenance shall perform the work.
- All electrical power to the dispensing device and pump serving the dispenser shall be shut off at the main electrical disconnect panel.
- The emergency shut-off valve at the dispenser, if installed, shall be closed.
- All vehicle traffic and unauthorized persons shall be prevented from coming within 20 ft. (6 m) of the dispensing device.¹”



Lockout/Tagout requirements of the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) may also apply. Refer to Title 29, Part 1910 of the Code of Federal regulations (29CFR1910), *Control of Hazardous Energy Source (Lockout/Tagout)*.

¹. Reprinted with permission from NFPA 30A-90, *Automotive and Marine Service Station Codes*, Copyright ©1990, National Fire Protective Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association on the referenced subject, which is represented only by the standard in its entirety.

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* See information on page 21 regarding ECIM vs non-ECIM models.

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Title

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1. INTRODUCTION

This manual contains service parts listings and assembly drawings for Wayne iX Pay™ Secure Payment Terminals. Section 2 of this manual shows the parts for the T7 terminal shown in Figure 1-1 below. Section 3 of the manual shows the parts for iX Pay™2 components installed in Gilbarco ECIM models and Section 4 gives the parts for Gilbarco Advantage models. Wiring diagrams are shown in Section 5.

The iX Pay T7 terminal has a 7" touch screen glass as shown in Figure 1-1. Behind the glass is a 7" color display known as the Secure Video Module (SVM). The terminal also includes a Secure Hybrid Card Reader, SPM2 keypad and Low Profile USB printer as standard equipment. The terminal has lights on the front panel over the keypad.

Optional components are the 2D scanner, C150S contactless reader, and media.



FIGURE 1-1 T7 TERMINAL.

1.1. RELATED DOCUMENTS

See the separate manuals listed below for additional service information related to the terminal.

- Wayne iX Pay™ T7 Secure Payment Terminal Service Manual, P/N WU013651.
- Wayne iX Pay™ T7 Secure Payment Terminal Initial Start-up and Configuration Manual, P/N WU013652.

1.2. TECHNICAL SUPPORT

Any service problems that cannot be resolved may be referred to Wayne Technical Support at 1-800-926-3737.

1.3. COMPONENT PRECAUTIONS

Electrostatic Discharge (ESD) - Electrostatic discharge can damage electronic components used in this product. Always keep replacement electronic components in their anti-static shipping bags until they are installed. Put replaced suspect components in the anti-static bags for return to the factory in original packaging and fill out a return parts tag.

Before replacing any components, servicing personnel should wear a static guard wrist strap (Wayne part number 890317-005 or equivalent) securely attached to an earth grounding point in order to prevent damage to electronic components due to static electricity.

Electrostatic discharge can damage the card reader and cause a breach. Wear a static guard wrist strap during installation of a new card reader or whenever handling the card reader outside of its anti-static bag.

As a general rule, when removing and installing electronic boards, take care not to contact the boards with one another. Do not lay spare boards on top one another, since contact between components might cause damage to the circuit board coating, circuit board tracks, or circuit components.

Torque Spec for Bezel Screws - To prevent damage to the plastic bosses in the bezels, the torque on the screws that secure parts to the bezel should be 9 in-lb. If the screws are over torqued, typically the screw will be stripped or the insert will be pulled out. This applies to all bezel mounted components on all Wayne dispensers.

Wayne recommends using a torque screwdriver such as the Husky 1/4 in. hex torque screwdriver which has a torque range 2-40 in-lbs. Equivalent torque screwdrivers having this low torque range are also acceptable. These screwdrivers are available at some of the major home improvement stores.

Never use a power screwdriver to tighten bezel screws.

Third-Party Parts - For reasons of both safety and quality, Wayne does not authorize the use or installation of any non-approved, third-party parts in any of our products.

2. T7 TERMINAL PARTS

The parts in this section are for the T7 terminal shown previously in Figure 1-1. Cables and cable assembly part numbers are shown on the wiring diagrams included in the back of this manual.

In addition to the parts shown on the following pages, the service kits listed below are available for the T7 terminal.

Service Kits:

W2894026-001 P90 Card Reader Service Kit

(includes WU012595-0001 P90 Hybrid card reader and WU013172-0001 Gasket).

W2894020-001 C150S Contactless Card Reader Service Kit

(includes WU012781-0001 C150S Contactless reader and WU008347-0001 Generic decal).

W2894021-001 7" Secure Display Module Service Kit

(includes WU012698-0001 Secure Video Module (SVM) and WM041217-0001 LED board, also includes software application).

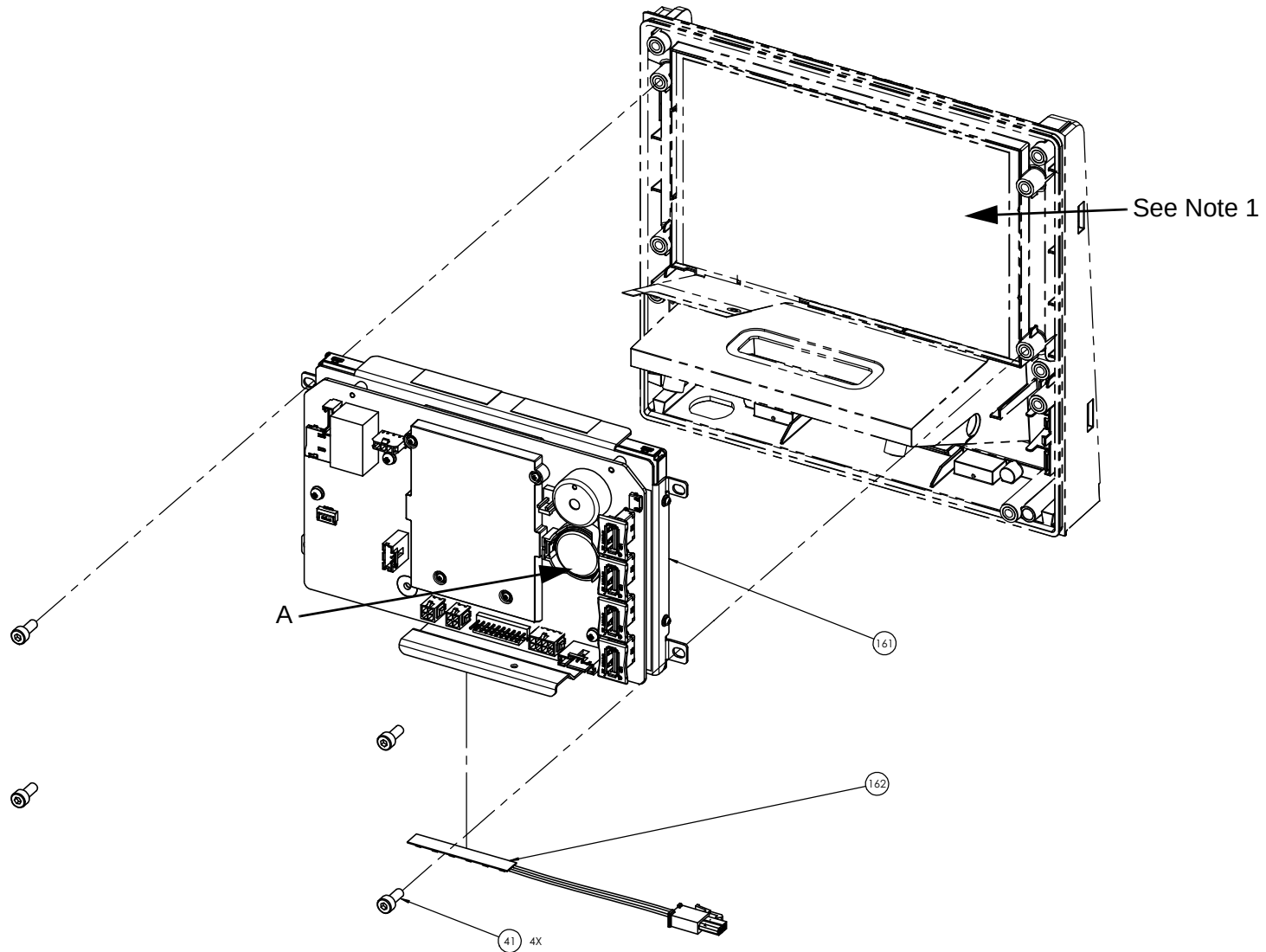
WU013985-0001 Barcode Scanner Service Kit

(includes scanner assembly, two screws and cable).

2.1. SECURE VIDEO MODULE (SVM)

7" Display

Drawing No. WU012750._



Note 1: Glass and touch flex circuit are not field replaceable. See Bezel/Glass Section 2.8. in this manual.

SECURE VIDEO (DISPLAY) MODULE, CONTINUED

Sequence numbers shown below are referenced to drawing number WU012750.

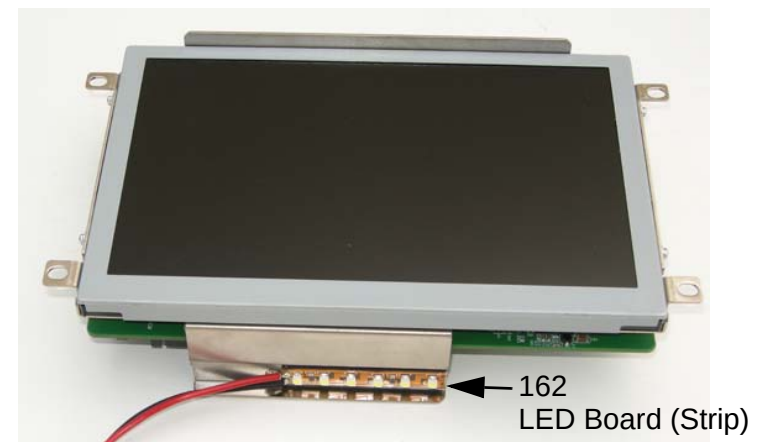
SEQ #	PART NUMBER	DESCRIPTION	QTY	NOTES	
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10 SHMSHXSTZN	4		
162	WM041217-0001	BOARD LED TEJP 24V, L=50 WITH CABLE L=200	1		
*161	WU012698-0001	MODULE, DISPLAY, SECURE, 7" WVGA	1	Order Service Kit	
	WU008808-0001	CABLE ASSEMBLY, USB TYPE A MALE - TYPE B MALE	1		
	WU013495-0001	CABLE ASSEMBLY, 24VDC, CONN BOARD TO iX CONTR	1		
	WU013519-0001	CABLE ASSEMBLY, RS-485, INPUT HARNESS TO SVM/	1		
**A	WM036275	BATTERY, LITHIUM 3V, 620 MAH		1	

*For SEQ# 161, order service replacement kit **W2894021-001** listed on page 3. The kit also contains item 162.

**Note: Use only Wayne supplied batteries.



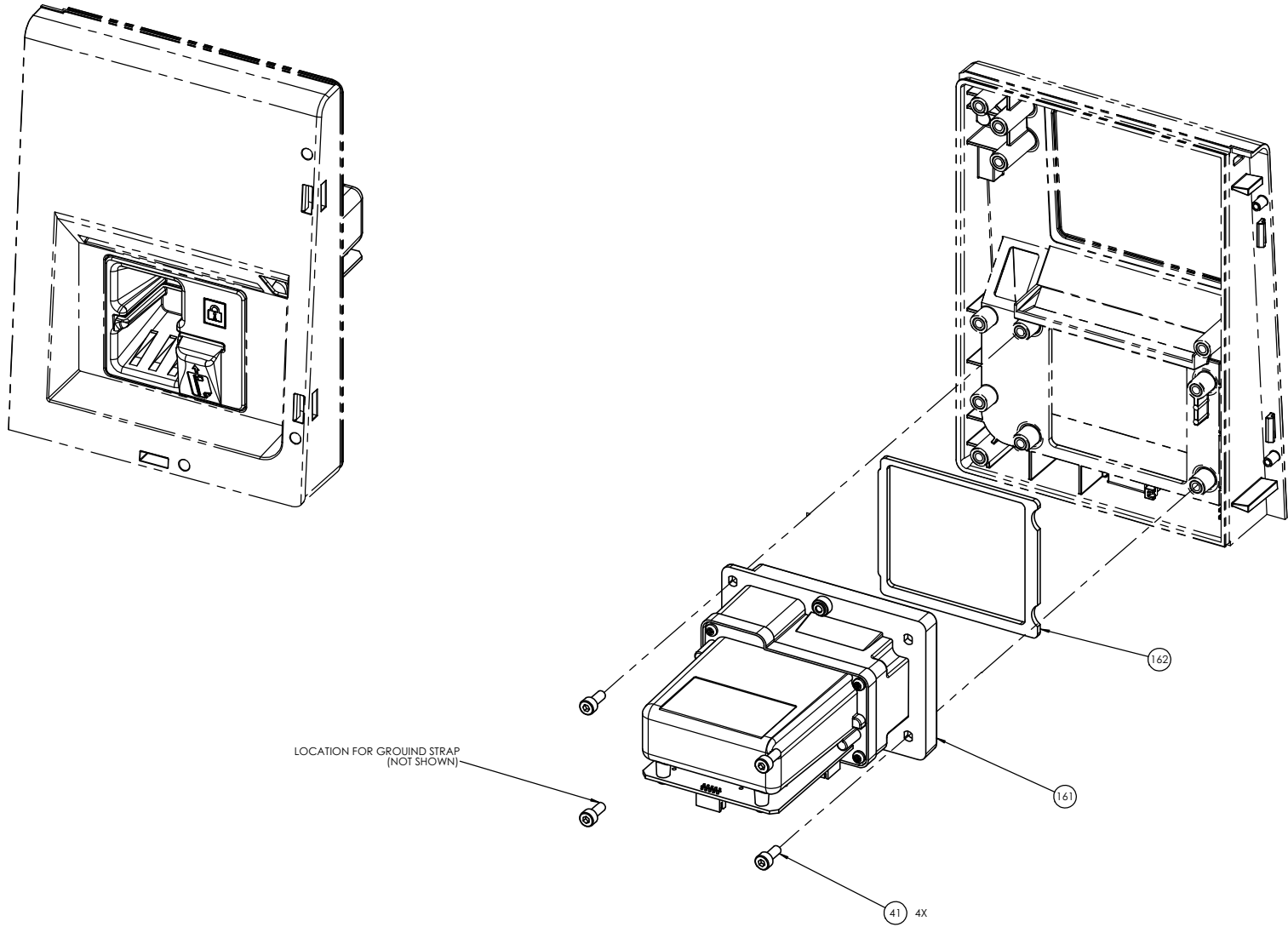
Item# 161 SVM Rear View



Item# 161 SVM Front View

2.2. SECURE CARD READER

Drawing No. WU012752



SECURE CARD READER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU012752.

SEQ#	PART NUMBER	DESCRIPTION	QTY
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10 SHMSHXSTZN	4
*161	WU012595-0001	CARD READER, HYBRID, PCI 4, XAC P90, INJECTED	1
162	WU013172-0001	GASKET, P90 CARD READER, iXPAY CPT	1
	WU008870-0001	CABLE, GROUND STRAP, L=208.28	1
	WU012769-0001	CABLE, CARD READER TO SPM	1

* For item 161, order service replacement kit **W2894026-001** listed on page 3. The kit also contains item 162.

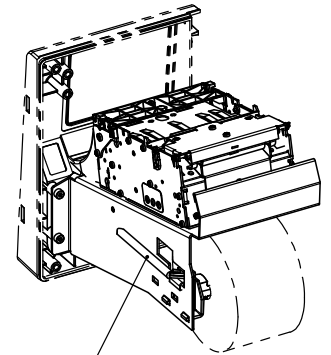
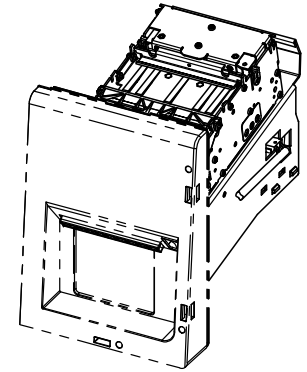
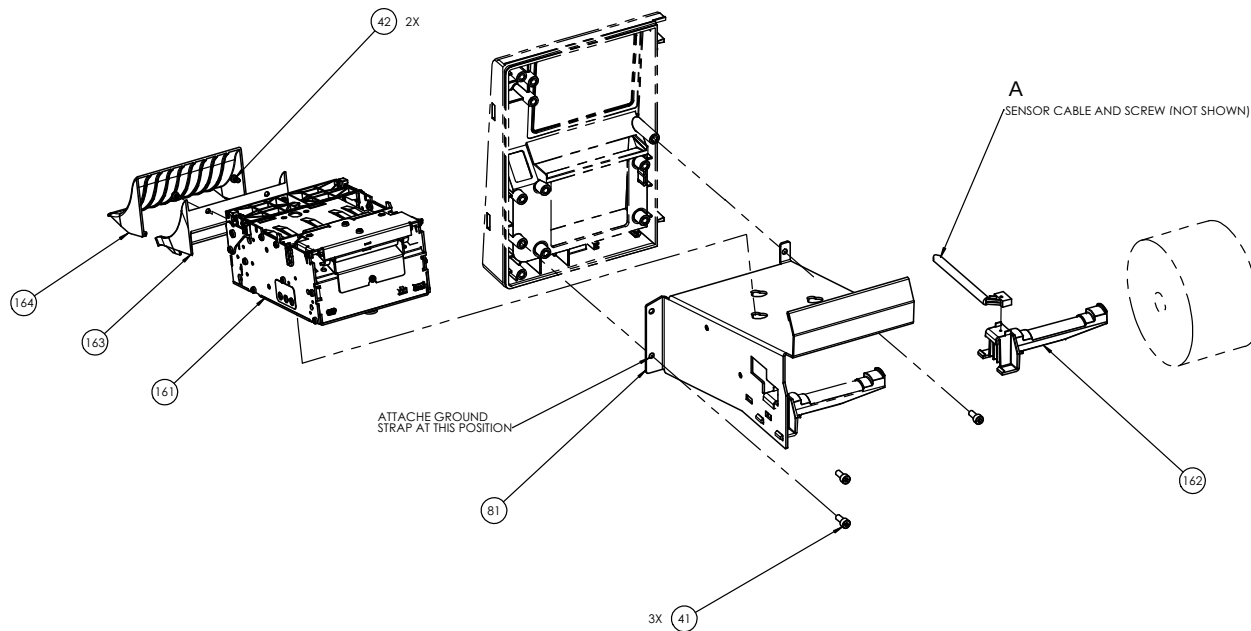
Sequence numbers shown below are referenced to drawing number WU012753.

SEQ #	PART NUMBER	DESCRIPTION	QTY
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10 SHMSHXSTZN	2
42	WB000211-0012	SCREW, HEXAGON SOCKET CAP, M6 X 10	2
81	WM062799	SUPPORT, BOX SHAPE CONTACTLESS READER	1
* 161	WU012781-0001	CARD READER, CONTACTLESS, SRED, INT MOUNT	1
211	WU008347-0001	STICKER, GENERIC, CONTACTLESS CARD READER DEC	1
-0002 ASSEMBLY does not have card reader. Has plug listed below:			
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10 SHMSHXSTZN	2
42	WB000211-0012	SCREW, HEXAGON SOCKET CAP, M6 X 10	2
81	WM062799	SUPPORT, BOX SHAPE CONTACTLESS READER	1
161	WM063444-0001	PLUG, CONTACTLESS READER BEZEL	1
	TBA	STICKER, PLUG BLANK	1

* For item 161 Card Reader, Contactless, order service replacement kit **W2894020-001** listed on page 3.

2.4. USB PRINTER

Drawing No. WU012755



USB PRINTER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU012755.

SEQ #	PART NUMBER	DESCRIPTION	QTY	Notes
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	3	
42	WU010338-0001	SCREW, HEXAGON SOCKET CAP, M3 x 6, LOW PROFILE	2	
81	WM062169	SUPPORT, BOX SHAPE PRINTER	1	
161	WU006648-0003	PRINTER, USB, LOW PROFILE, 60MM, WITHOUT SENSOR	1	Service part printer
162	WM062110	SHAFT FOR PAPER ROLL	1	
163	WM062111	GUIDE PRINTER PAPER, LOWER	1	
164	WM062112	GUIDE PRINTER PAPER, UPPER	1	
	WM042821-0002	CABLE USB TYPE A MALE-MINI B RIGHT ANGLE MALE	1	
	WU009898-0002	CABLE ASSEMBLY, ZEBRA PRINTER POWER, OVATION	1	
	004-301823-	GROUND STRAP, BEZEL 26"	1	
A	WM036596-0001	SENSOR, PAPER		

Note: Wayne recommends using the specified paper for the printer. For example, paper that is too thin may cause jams. Also, store paper in a dry area. Paper that is damp will cause jams.

Wayne part numbers for printer paper:

7000703 for a case.

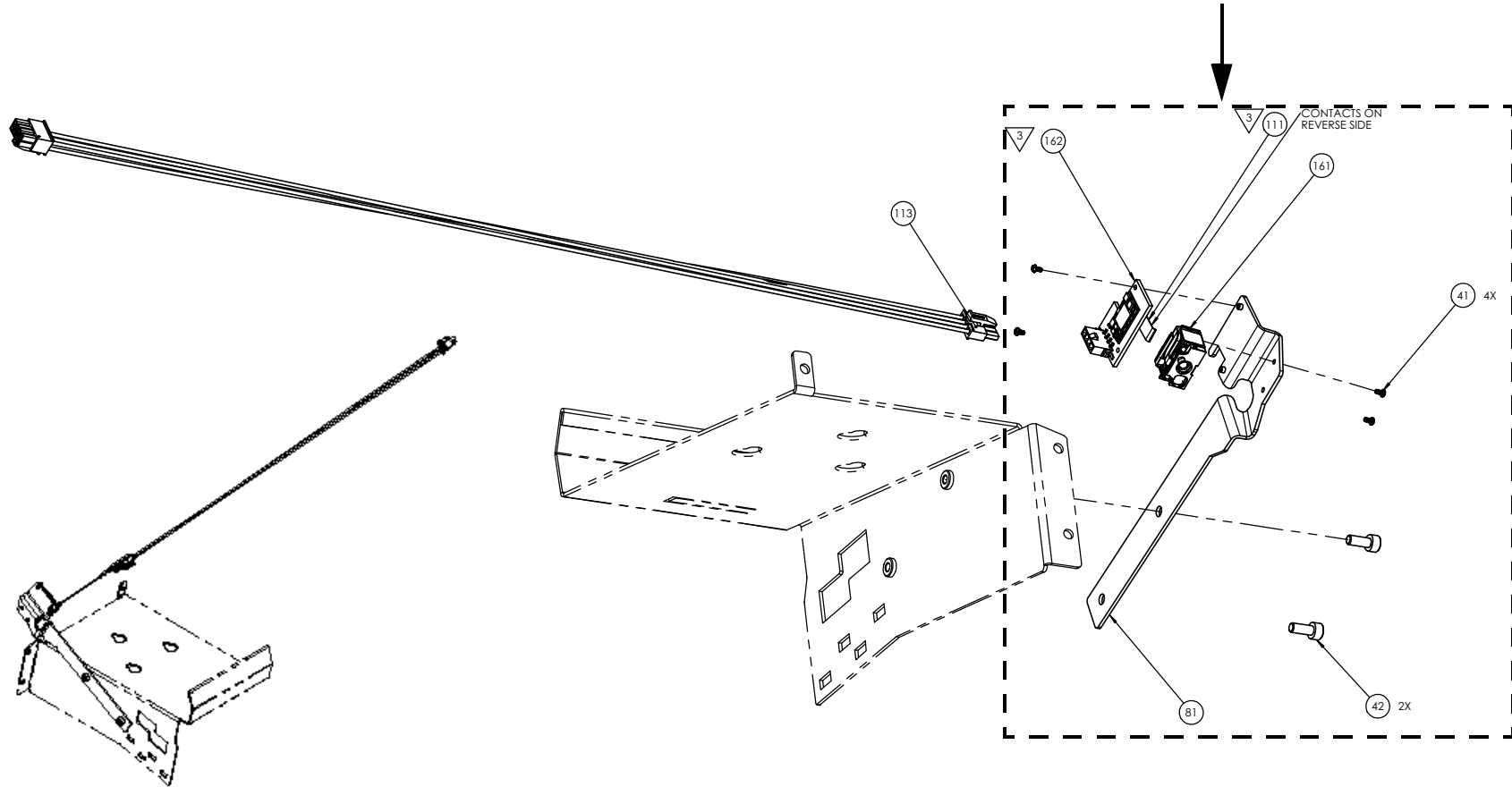
W27000704 for a pallet.

2.5. BARCODE SCANNER

Optional equipment.

Drawing No. WU013985

Service Part Replacement Scanner WU013985-0001
is an assembly as shown on the following page.



SCANNER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU013985.

SEQ#	PART NUMBER	DESCRIPTION	QTY	Notes
	WU013985-0001	SCANNER, REPLACEMENT MODULE	1	Shown below
42	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	2	Included, not shown
113	WU012768-0001	CABLE ASSEMBLY, SCANNER TO SPM	1	Included, not shown



Scanner Service Replacement Module WU013985-0001

2.6. COMPONENT COVERS

T7 terminal component covers.



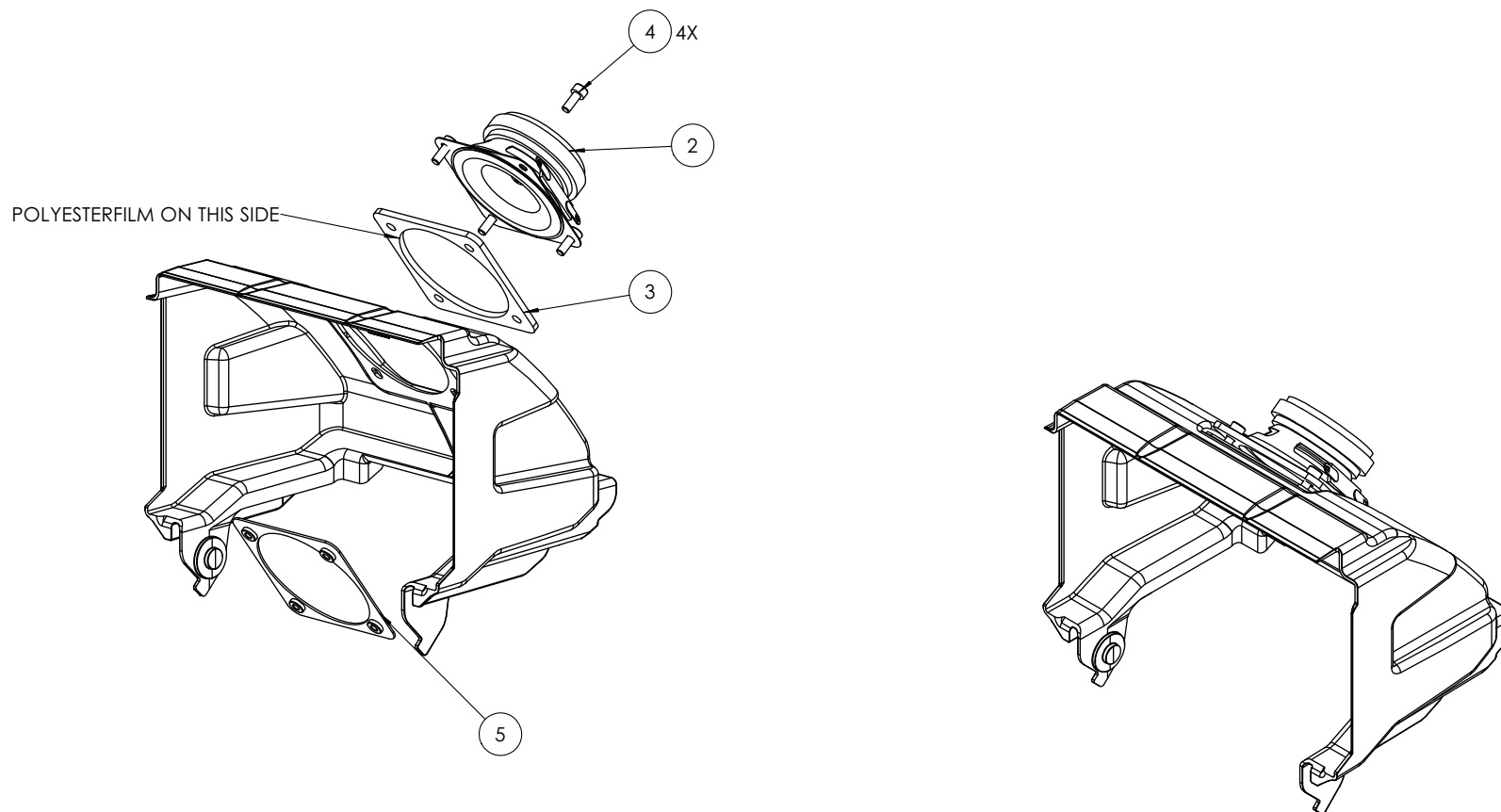
Upper Cover
WM041004-0001

Lower Cover
WM041005-0001

FIGURE 2-1. UPPER AND LOWER COVERS.

2.7. SPEAKER MODULE

Drawing No. WU015365. Speaker available only with media option. If no media option, the top cover will have the holes as shown in Figure 2-1 on previous page. On Vista dispensers, the speaker will be mounted on the top cover as shown below. On Gilbarco dispensers with media, the speaker will be mounted on the dispenser frame and the top cover will have the holes as shown in Figure 2-1.

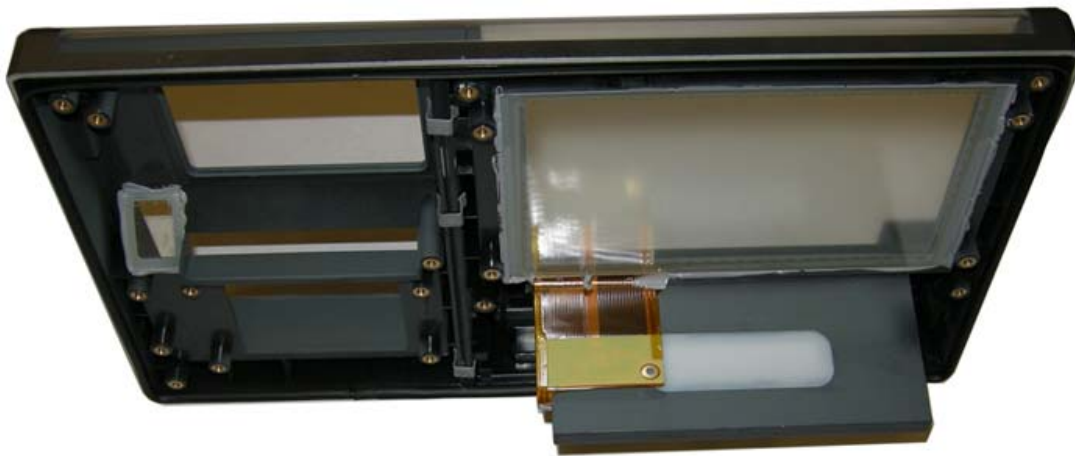


SEQ#	PART NUMBER	DESCRITION	QTY
5	WM064751	SUPPORT, FLAT WITH PRESS NUT, M4	1
4	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10, SHMSHXSTZN	4
3	WM064793	GASKET MISCO SPEAKER	1
2	WU013766-0001	SPEAKER 2.5 INCH, 8 OHM, 4W	1
	WU013110-0002	CABLE ASSEMBLY SPEAKER, SVM/SDM	1

2.8. BEZEL/GLASS



Front View



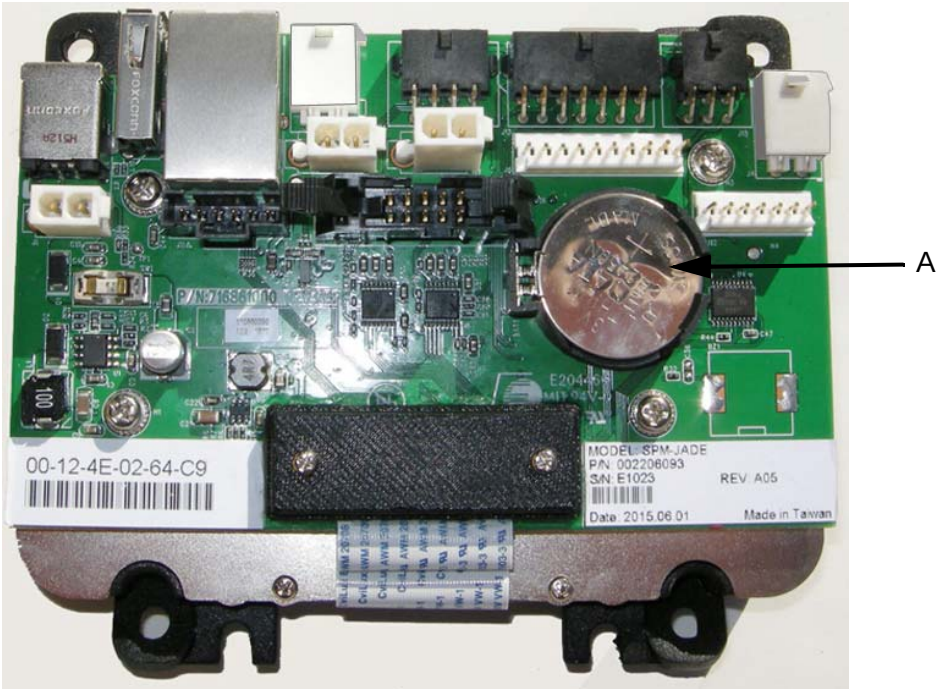
Rear View

Glass is not field replaceable. For glass replacement, order bezel part number below.

Bezel, WU013716-0002, is the painted (Grey) assembly for the T7. Assembly has the scanner glass and the display glass w/ touch flex circuit pre-assembled.

2.9. SPM2

893898-002-XXX KEYPAD ASSEMBLY, SPM2, US, INJECTED



893898-002-XXX KEYPAD ASSEMBLY, SPM2, US, INJECTED

XXX is a placeholder representing configured/customer specific numbers.

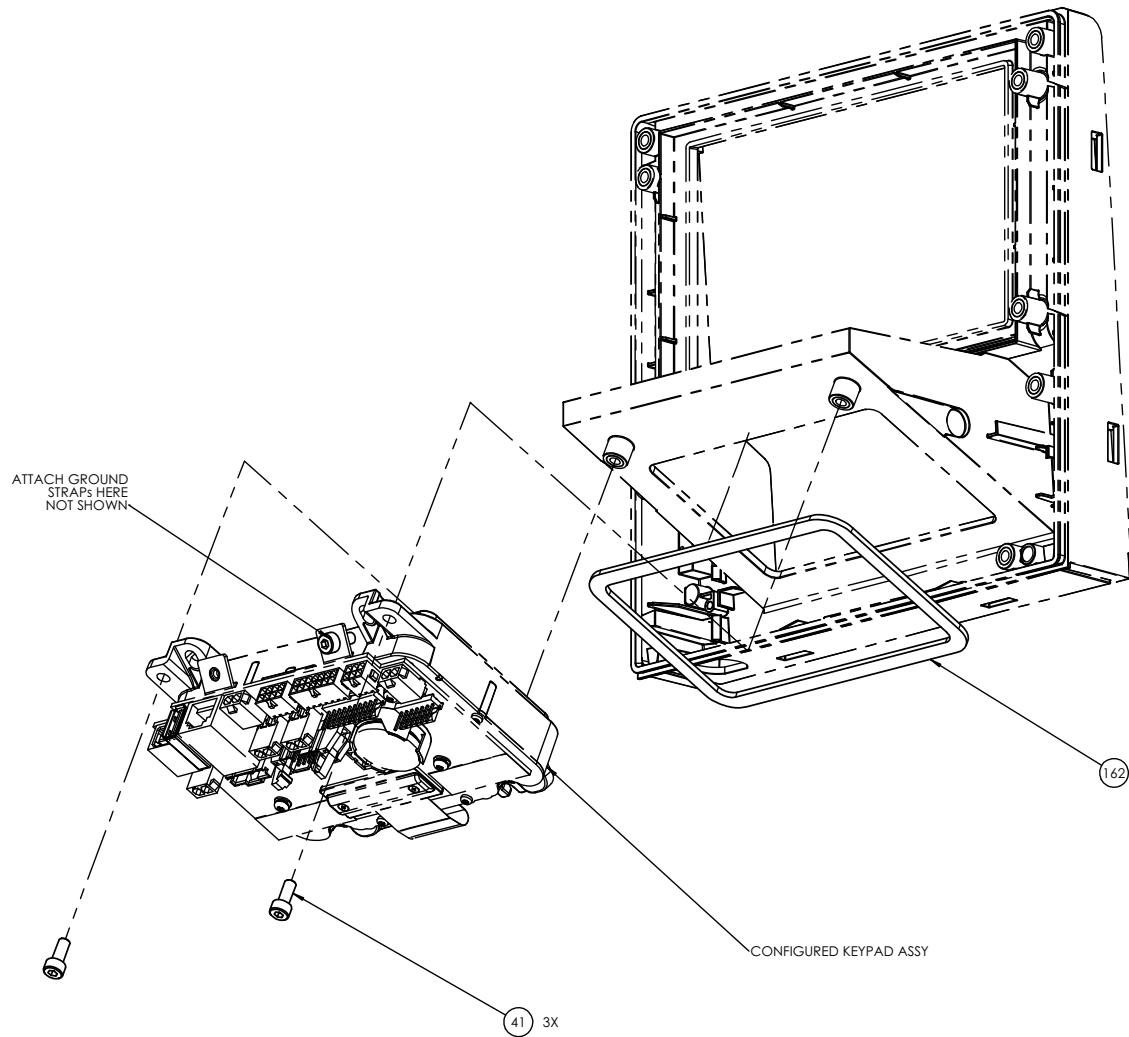
Sequence item numbers below are referenced to drawing number WU012751 on the next page.

SEQ#	COMPONENT	DESCRIPTION	QTY
	003-301823-	GROUND STRAP, BEZEL 12"	1
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10 SHMSHXSTZN	3
162	WM042603	GASKET SPM KEYPAD	1
	WU008647-0001	CABLE, 24VDC, CONN. BOARD TO SVD/SVD TO SVD, L=1300	1
	WU008870-0001	CABLE, GROUND STRAP, L=208.28 (8")	1
*A	WM036275	BATTERY, LITHIUM 3V, 620 MAH	1

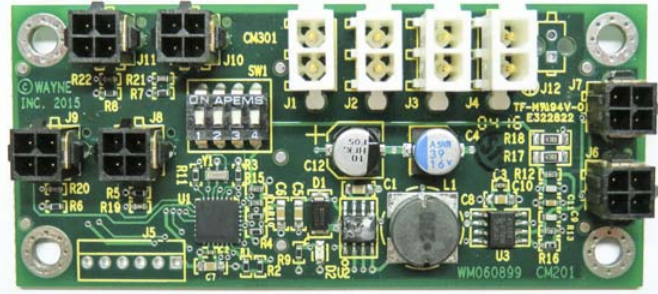
Note: Use only Wayne supplied batteries.

SPM2, CONTINUED

Drawing No. WU012751



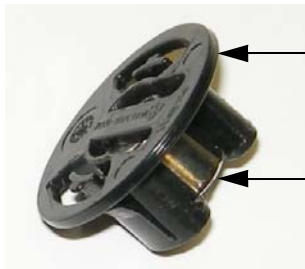
2.10. DOOR SECURITY



Smart Switch Board
WM061355-0002



Door Sensor
WU012889-0002



Magnet Housing/Clip WU013405-0001

Magnet WU013421-0001

Door Magnet

3. ECIM PARTS

All parts in this section are for Gilbarco Encore 500/700 **ECIM models only**. A front view of the iX Pay 2 terminal installed in the ECIM model is shown in Section 3.10. on page 40. A front view of the Encore 300/500 (**non** ECIM) model is shown as well. For the non ECIM parts, use the parts shown for the T7 terminal in previous Section 2.

Cables and cable assembly part numbers listed on the following pages are also shown on the wiring diagrams included in this manual.

In addition to the parts shown on the following pages, the service kits listed below are available for servicing Gilbarco Encore ECIM model dispensers that have the Wayne SVM7 (7" display) and SVM12 (12" display) retrofit kits installed.

Service Kits:

W2894103-002 P95 Card Reader Service Kit
(includes WU017568-0001 P95 Hybrid chip card reader and *WU000637-0001* Gasket).

W2894020-001 C150S Contactless Card Reader Service Kit
(includes WU012781-0001 C150S Contactless reader and WU008347-0001 Generic decal).

W2894102-001 Barcode Scanner, ECIM Service Kit
(includes scanner assembly, two screws and cable).

W2894107-001 7" Secure Display Module Service Kit
(includes WU012698-0002 Secure Video Module (SVM7), also includes installed software application).

W2894108-001 12" Secure Display Module Service Kit
(includes WU014595-0001 Secure Video Module (SVM12) and WU016128-0001 touch screen controller board, also includes installed software application).

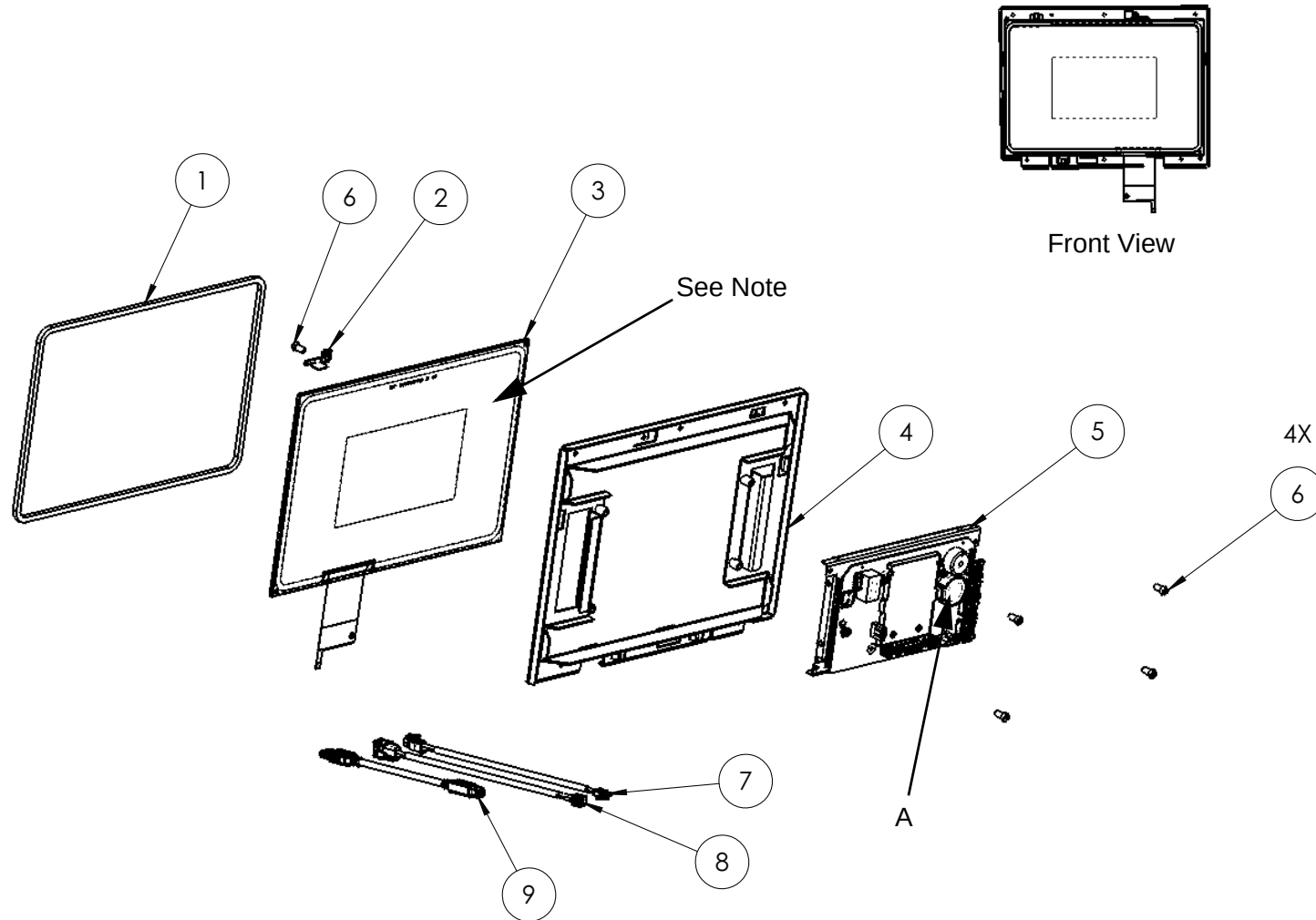
W2894100-00x 7" Display Glass Service Kit (includes glass with gasket pre-installed).
order -001 for glass with Black border
 -002 for glass with White border
 -003 for glass with Gray border

W2894101-00x 12" Display Glass Service Kit (includes glass with gasket pre-installed).
order -001 for glass with Black border
 -002 for glass with White border
 -003 for glass with Gray border

3.1. SECURE VIDEO MODULE (SVM7)

7" Display

Drawing No. WU015235._



Note: Item 1 Gasket and Item 3 Glass not sold separately.

SECURE VIDEO Module SVM7, CONTINUED

7" Display

Sequence numbers shown below are referenced to drawing number WU015235.

Seq #	Part Number	Description	Qty	Notes
8	WU013519-0001	CABLE ASSEMBLY RS-485, INPUT TO SVM/SDM	1	
2	WU014556-0001	SUPPORT, L-SHAPE PCAP, GLASS RETENTION	1	
4	WU015234-0001	SUPPORT, FLAT SECURE 7" DISPLAY	1	
5 *	WU012698-0002	MODULE, DISPLAY SECURE, 7" WVGA, OV2	1	Order Module service kit W2894107-001
7	WU013495-0002	CABLE ASSEMBLY 24VDC, CONN BOARD TO iX CONTR	1	
3 *	WU015240-000X	GLASS SECURE 7" DISPLAY, WVGA, OV2	1	Order Glass service kit W2894100-00X
6	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	5	
9	892139-004	CABLE ASSEMBLY USB, A MALE TO B MALE, 830mm	1	Same as WU008808-0001
1	WU014558-0001	GASKET GLASS, 12 INCH OPENING	1	Pre-installed on glass
A **	WM036275	BATTERY, LITHIUM 3V 620MAH	1	

*Order service replacement kit as shown in Notes above and see details for kit listed on page 21.

**Use only Wayne supplied battery. Note: Battery located under black rubber top cover in figure below.

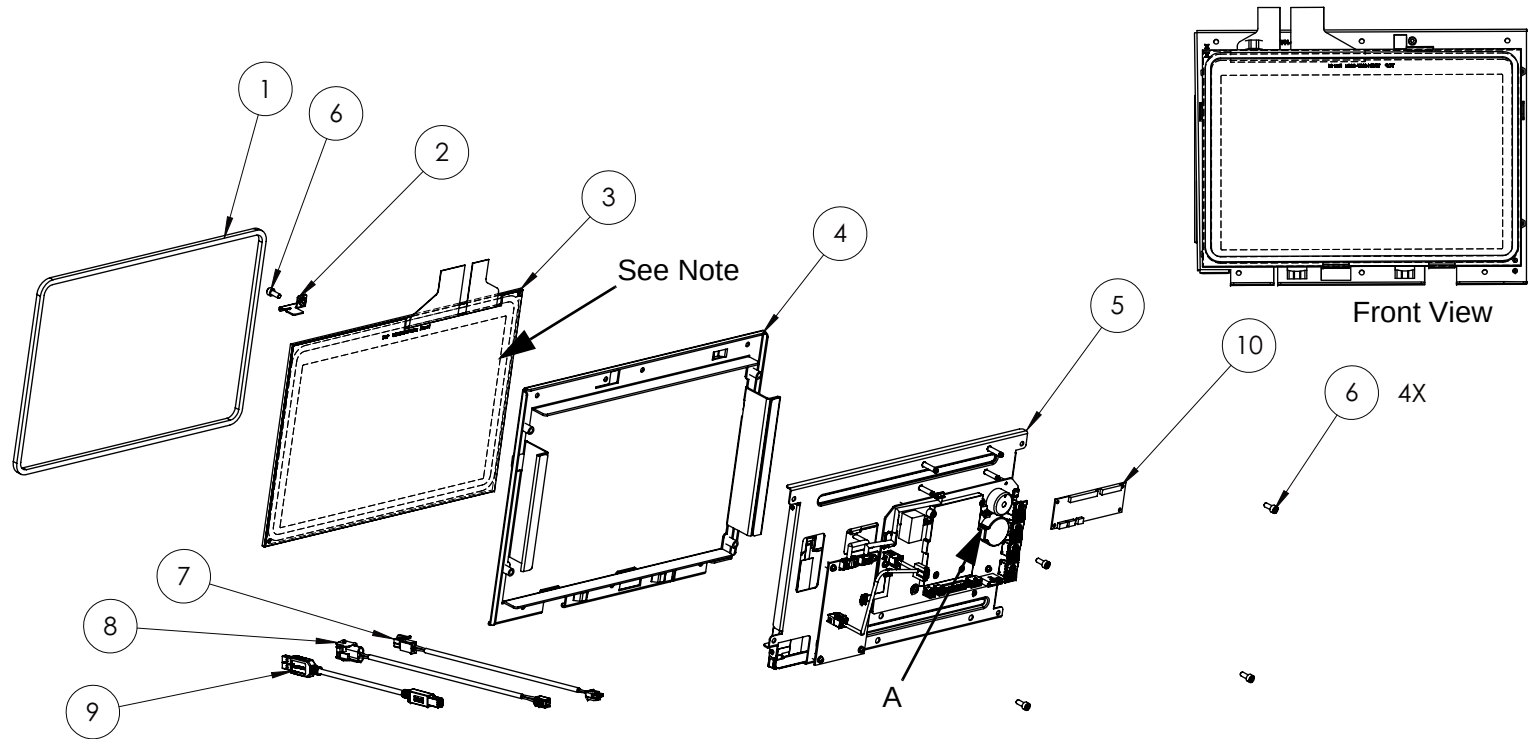


Seq# 5 SVM7 Rear View

3.2. SECURE VIDEO MODULE (SVM12)

12" Display

Drawing No. WU015242._



Note: Item 1 Gasket and Item 3 Glass not sold separately.

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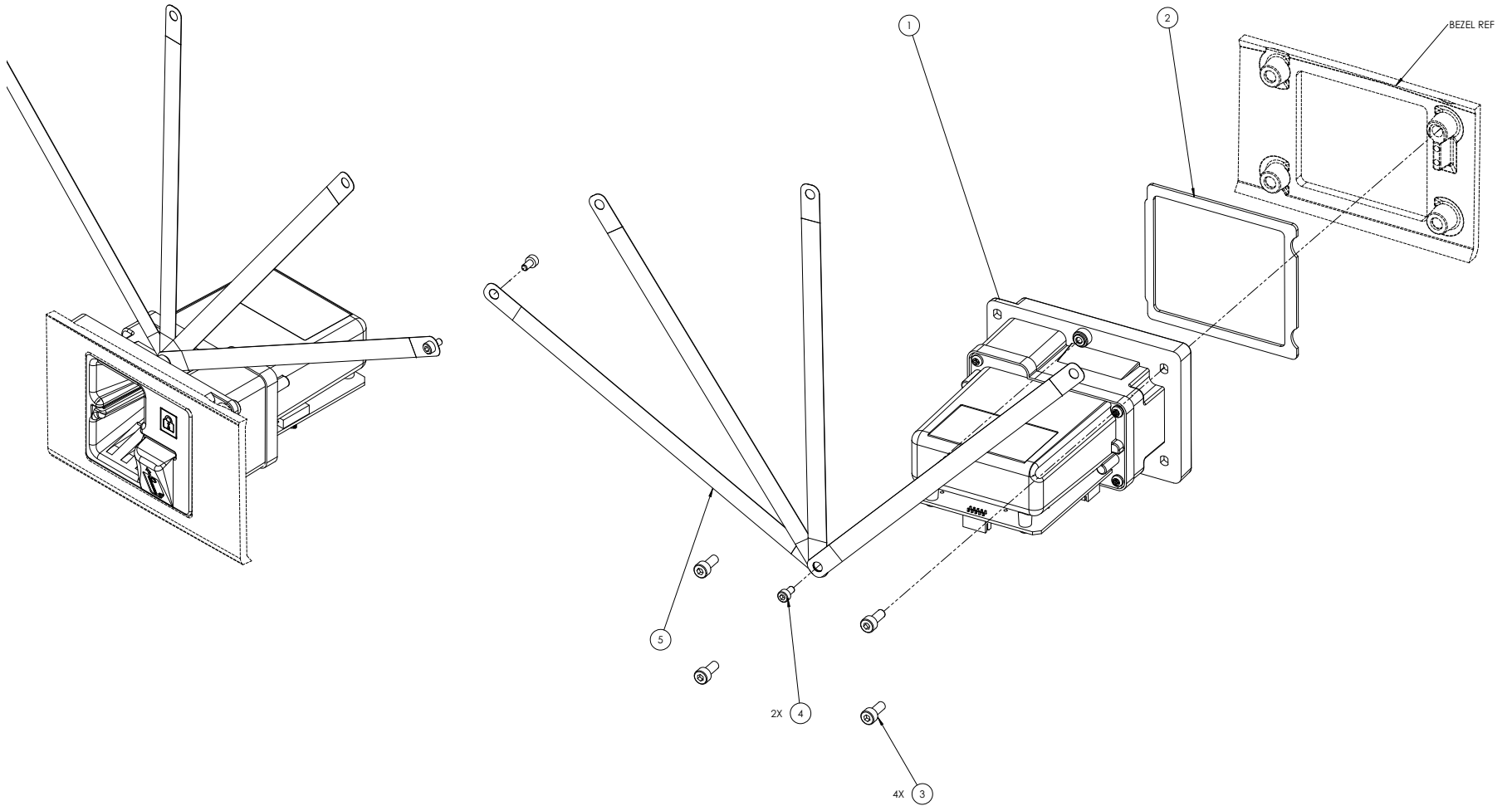
25

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3.3. SECURE CARD READER

Drawing No. WU016059



SECURE CARD READER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU016059.

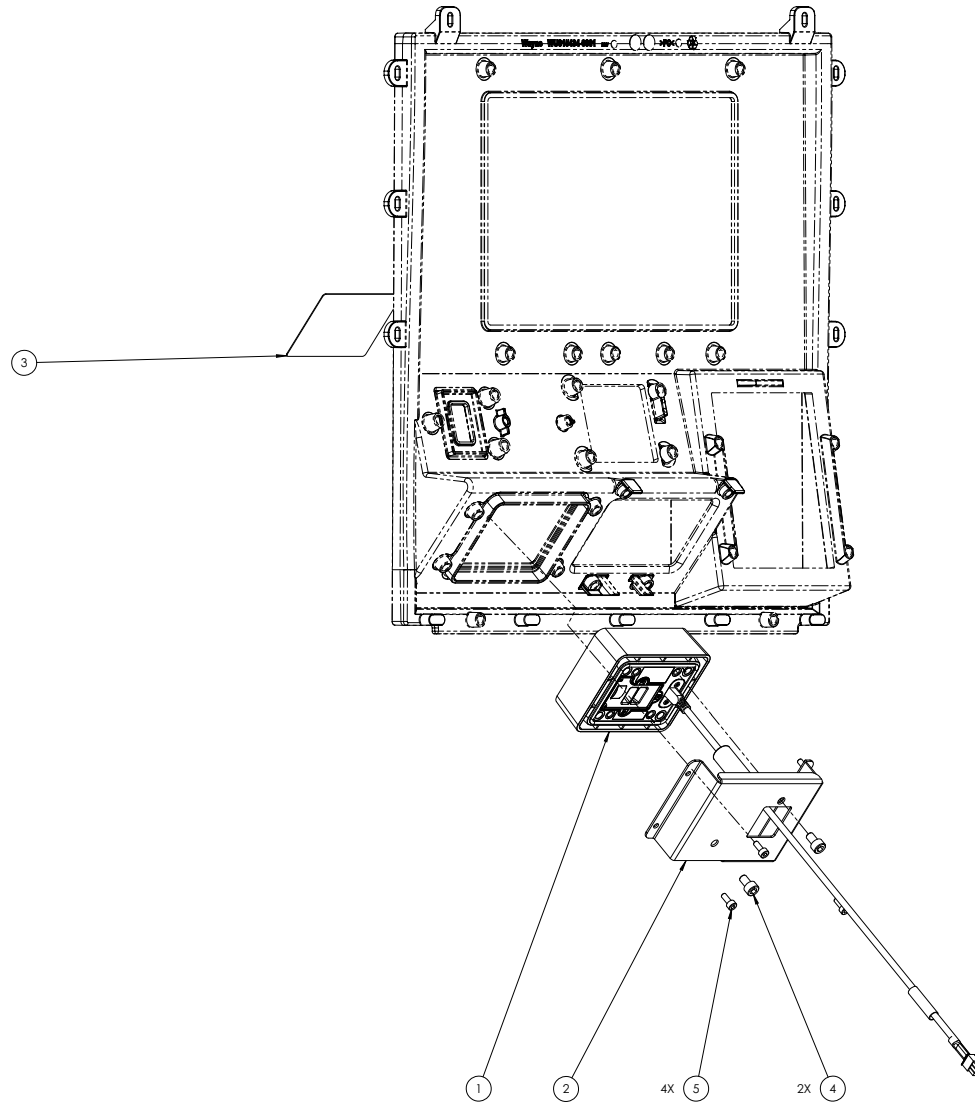
SEQ#	PART NUMBER	DESCRIPTION	QTY	NOTES
1 *	WU017568-0001	CARD READER, P95 HYBRID SECURE	1	Order Service Kit
2	WU000637-0001	GASKET, P90 CARD READER	1	Included in kit
3	WB000209-0001	SCREW, HEXAGON SOCKET CAP M4 X 10	4	
4	WB000334-0001	SCREW, HEXAGON SOCKET CAP M3 X 6	2	
5	000-301823-000	CABLE, GROUND STRAP	4	

* For item 1 card reader, order service replacement kit **W2894103-002** listed on page 21. The kit also contains item 2 gasket.

3.4. CONTACTLESS CARD READER

Optional equipment.

Drawing No. WU015888



CONTACTLESS CARD READER, CONTINUED

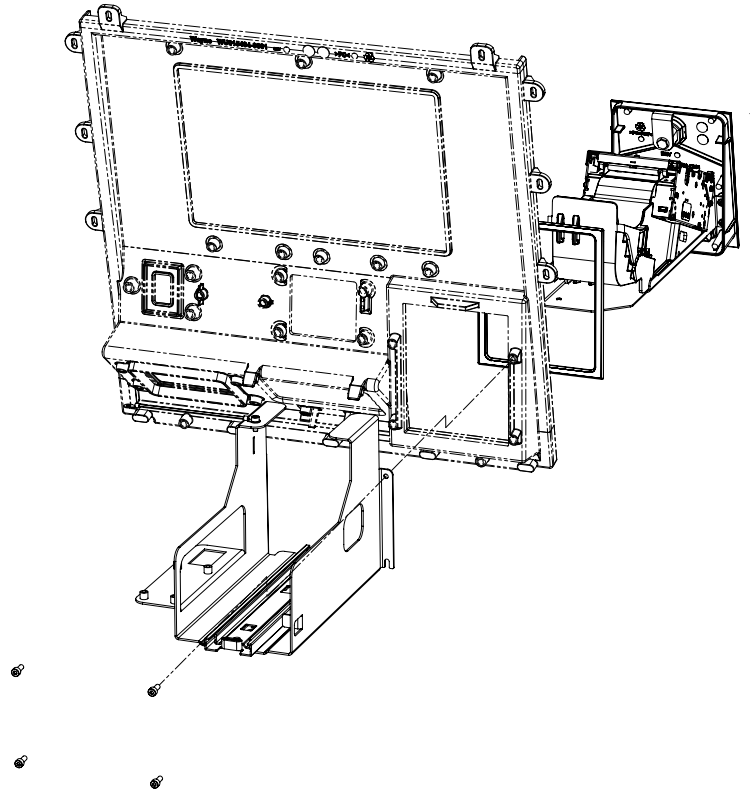
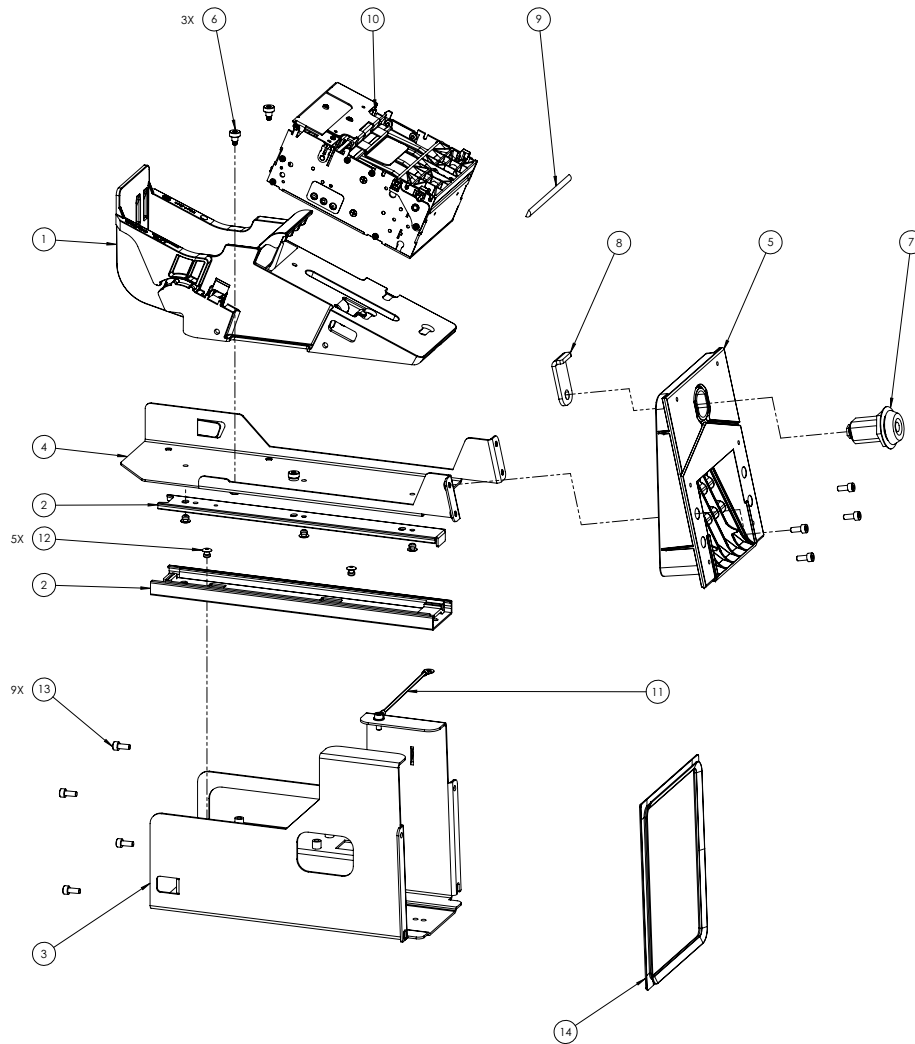
Sequence numbers shown below are referenced to drawing number WU015888.

-0001 Assembly				
SEQ #	PART NUMBER	DESCRIPTION	QTY	NOTE
5	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	4	
4	WB000211-0012	SCREW, HEXAGON SOCKET CAP, M6 X 10	2	
2	WU015448-0001	BRACKET, CONTACTLESS READER, ENCORE ECIM	1	
1 *	WU012781-0001	CARD READER, CONTACTLESS, C150S	1	Order service kit
3	WU008347-0001	STICKER, GENERIC, CONTACTLESS CARD READER	1	
-0002 Assembly has a plug instead of card reader.				
5	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	4	
4	WB000211-0012	SCREW, HEXAGON SOCKET CAP, M6 X 10	2	
2	WU015448-0001	BRACKET, CONTACTLESS READER, ENCORE ECIM	1	
1	WM063444-0001	PLUG AND BLANK STICKER	1	

* For Card Reader replacement order service kit **W2894020-001** listed on page 21.

3.5. USB PRINTER

Drawing No. WU015451



USB PRINTER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU015451.

SEQ#	PART NUMBER	DESCRIPTION	QTY	NOTES
2	WM040482	SUPPORT TELSCOPIC-3045-250-ROLLCO	1	
11	WM045328-0004	CABLE SINGLE WIRE GROUND, 4mm RING TERMINALS	1	
4	WU015295-0001	SUPPORT, U-SHAPE PRINTER CARRIAGE, ENCORE ECIM	1	
3	WU015474-0001	SUPPORT, U-SHAPE PRINTER FRAME, ENCORE ECIM	1	
8	WU016538-0001	BRACKET , SECURITY LOCK PAWL, ENCORE ECIM	1	
13	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	9	
12	WM028446-0001	POP RIVET, DOME HEAD, 4.0 DIAMETER x 7	5	
7	WU009754-0001	LOCK E3 VISE ACTION COMPRESSION	1	
1	WU010309-0001	MOULDED, PRINTER CARRIAGE, PAPER HOLDER	1	
6	WU010391-0001	SCREW SHOULDER, M4x4, SH DIA 5	3	
9	WU014333-0001	GASKET 3.75 IN	1	
5	WU015158-0001	COVER PLATE , PRINTER DOOR, ENCORE ECIM	1	
	WM042821-0001	CABLE USB TYPE A MALE - MINI B RIGHT ANGLE MALE	1	
	WU009898-0002	CABLE ASSEMBLY ZEBRA PRINTER POWER, OVATION 2	1	
	WU010587-0001	KEY E3 VISE ACTION COMPRESSION	1	
10	WU006648-0003	PRINTER, USB, LOW PROFILE, 60mm, WITHOUT SENSOR	1	Service part printer
14	WU015564-0001	GASKET PRINTER DOOR, ENCORE ECIM	1	
	WM036596-0001	PAPER SENSOR	1	

Note: Wayne recommends using the specified paper for the printer. For example, paper that is too thin may cause jams. Also, store paper in a dry area. Paper that is damp will cause jams.

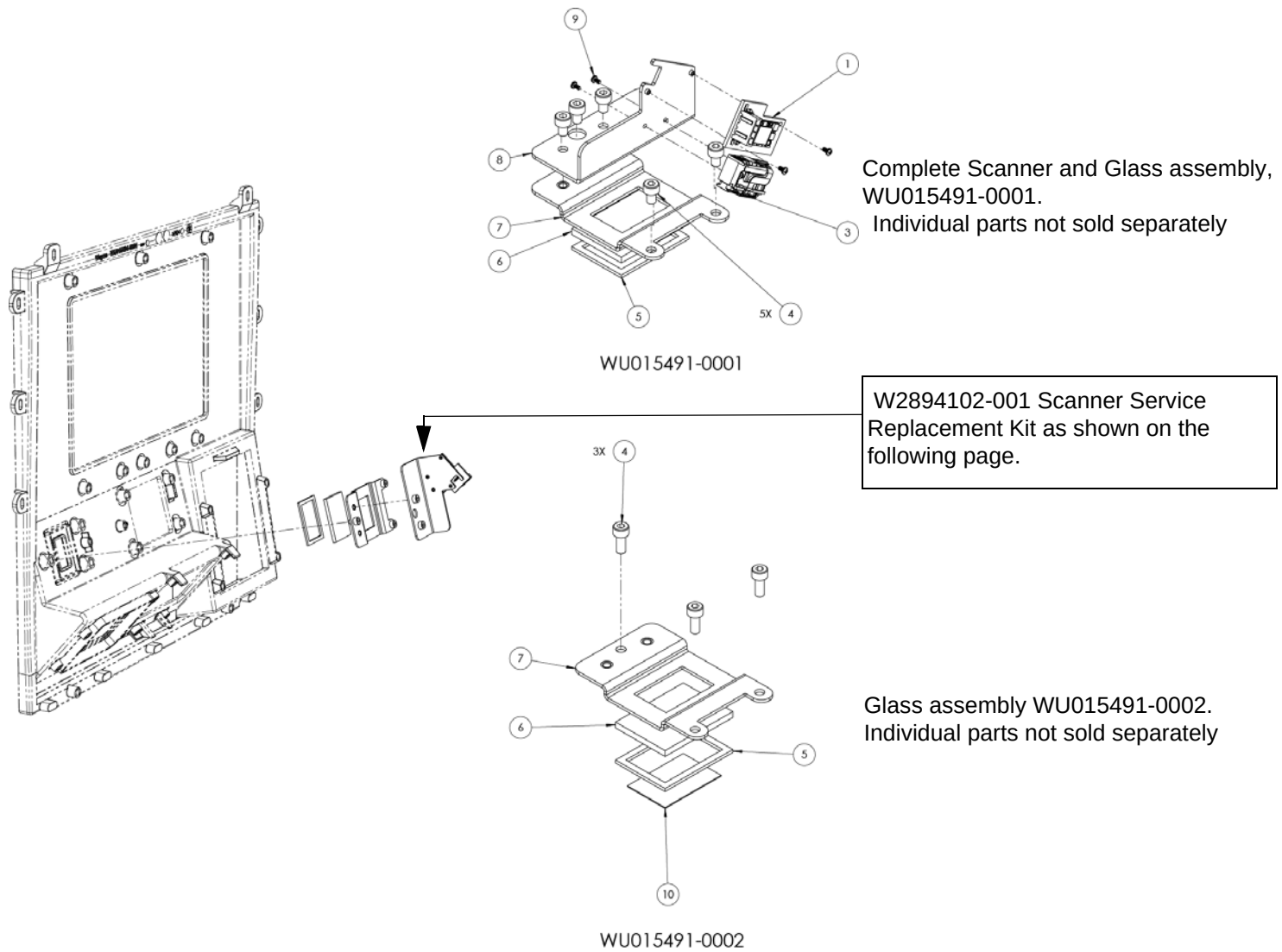
Wayne part numbers for printer paper:

7000703 for a case.

W27000704 for a pallet.

3.6. BARCODE SCANNER, ECIM

Drawing No. WU015491



SCANNER ECIM, CONTINUED

Reference drawing number WU015491.

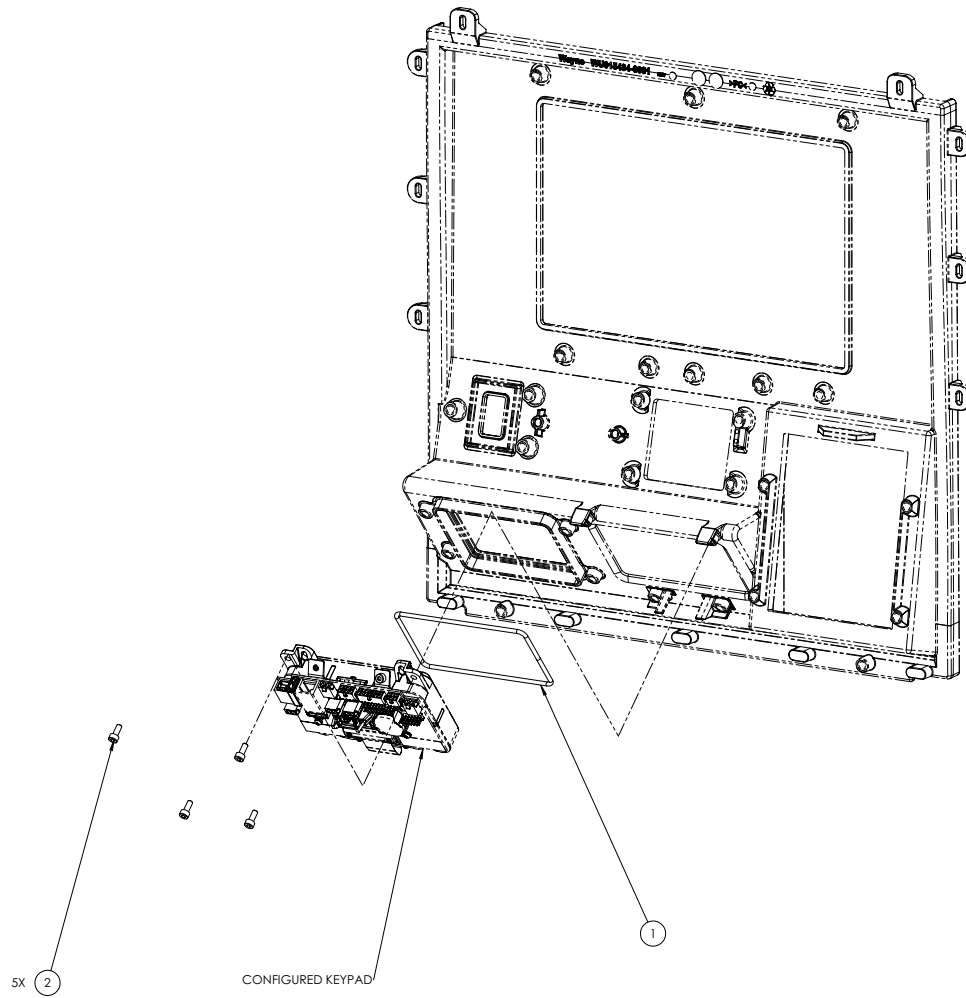
PART NUMBER	DESCRIPTION	QTY	Note
W2894102-001	SCANNER, SERVICE REPLACEMENT KIT	1	Shown below
WB000209-0001	SCREWS, HEXAGON SOCKET CAP M4 X 10	2	Included, not shown
WU012768-0001	CABLE ASSEMBLY, SCANNER to SPM	1	Included, not shown



W2894102-001 Scanner Service Replacement Kit
for ECIM models

3.7. SPM2

Drawing No. WU015896

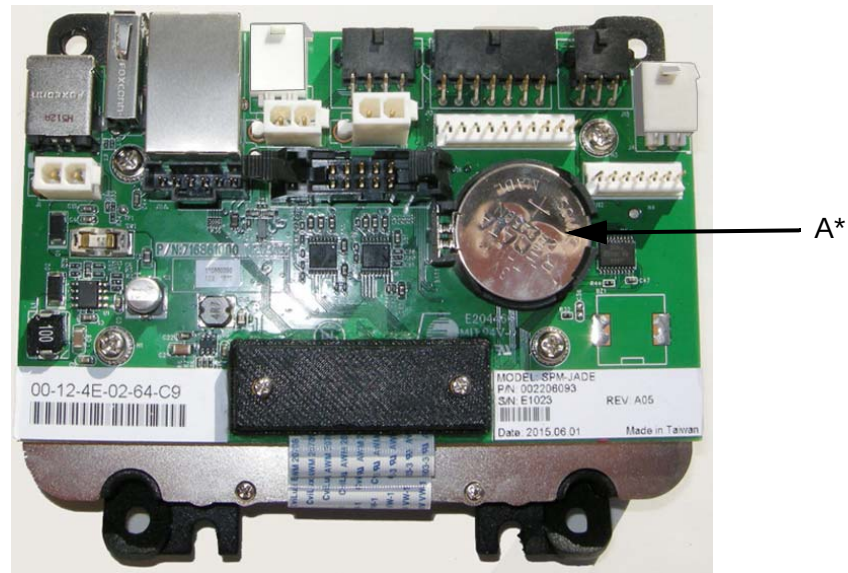


SPM2, CONTINUED

Sequence numbers shown below are referenced to drawing number WU015896.

SEQ#	PART NUMBER	DESCRIPTION	QTY	NOTES
1	WU013661-0001	GASKET, O2 KEYPAD	1	
2	WB000209-0001	SCREW, HEXAGON SOCKET CAP M4 X 10	5	
	WU008647-0001	CABLE, 24VDC	1	
A*	WM036275	BATTERY, LITHIUM 3V 620MAH	1	
		SPM2 KEYPAD		See p/n below

***Use only Wayne supplied batteries.**

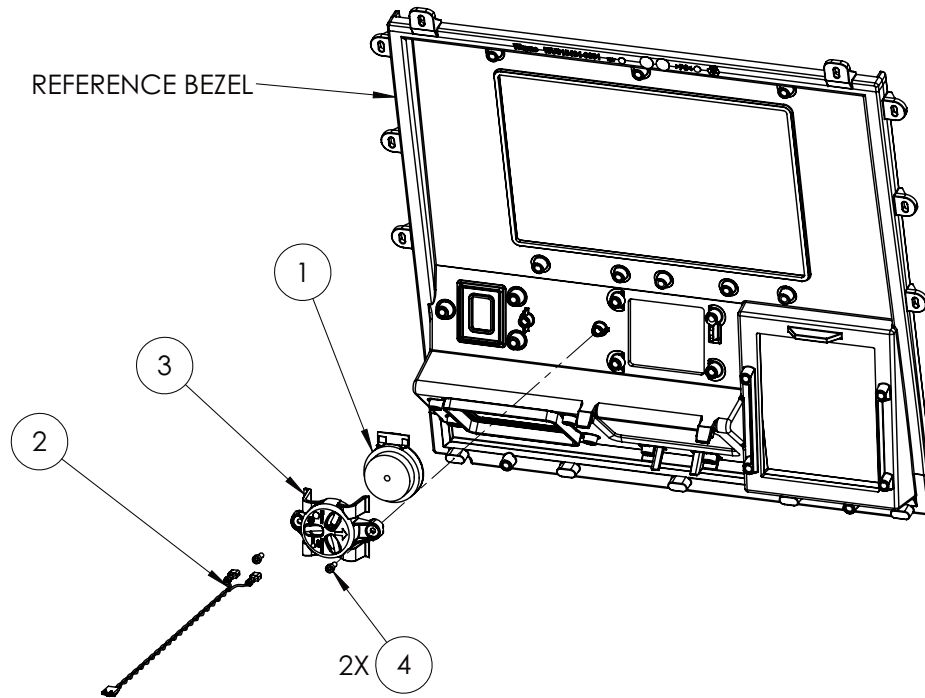


893898-002-XXX KEYPAD ASSEMBLY, SPM2, US, INJECTED

XXX is a placeholder representing configured/customer specific numbers.
Note: Battery shown above without rubber top cover.

3.8. EXCITER SPEAKER

Drawing No. WU016025



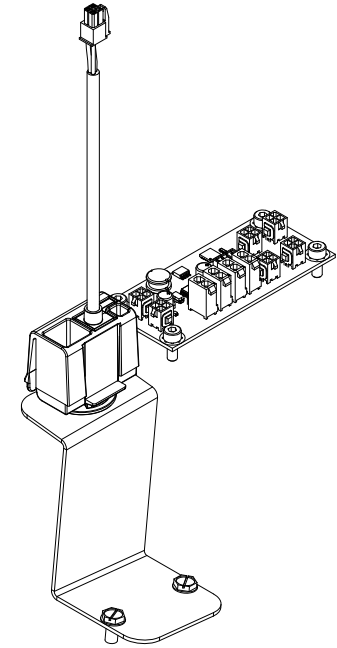
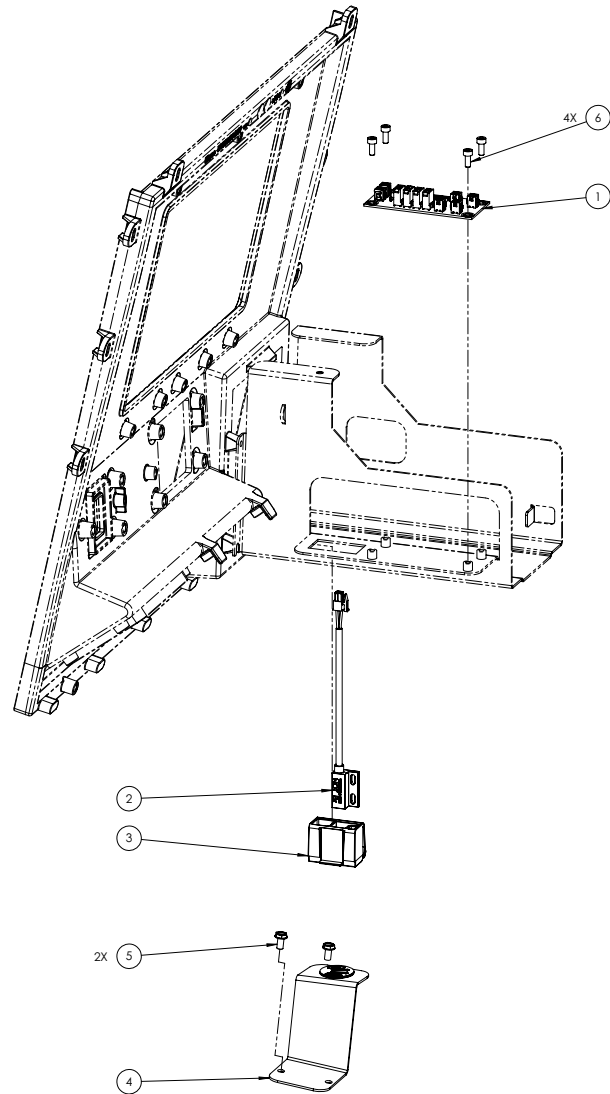
EXCITER SPEAKER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU016025.

SEQ#	PART NUMBER	DESCRIPTION	QTY	NOTES
1	WU007215-0001	SPEAKER, 8 Ohm 10W	1	
2	WU013110-0002	CABLE, SPK TO SVM	1	
3	WU011732-0001	CLIP, EXCITER	1	
4	WB000209-0001	SCREW, HEXAGON SOCKET CAP M4 X 10	2	

3.9. DOOR SECURITY, ECIM

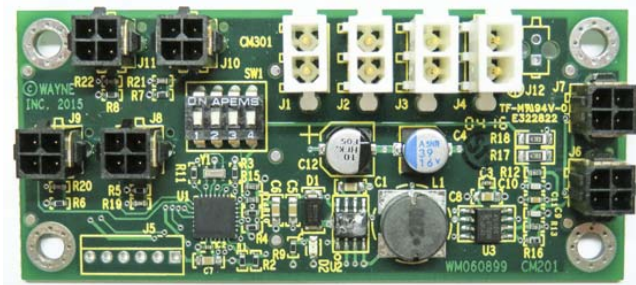
Drawing No. WU016484



DOOR SECURITY ECIM, CONTINUED

Sequence numbers shown below are referenced to drawing number WU016484.

SEQ#	PART NUMBER	DESCRIPTION	QTY	NOTES
1	WM061355-0002	BOARD PROGRAMMED, SMART SWITCH	1	
2	WU012889-0001	SENSOR, SECURE DOOR, L=400	1	
3	WU013404-0001	MOULDED HOUSING CLIP, SECURITY SWITCH	1	
4	WU016543-0001	MAGNET, MODULE, iXPAY2, ENCORE ECIM	1	
5	000-916591-000	SCREW, IND HEX 10-32x.375 GREEN	2	
6	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	4	
	WU012930-0001	CABLE ASSEMBLY CAN BUS, L=1600	1	



Seq# 1 Smart Switch Board



Seq# 2 Sensor

3.10. FRONT VIEW OF IX PAY2 IN ENCORE ECIM AND ENCORE NON-ECIM MODEL DISPENSERS



For replacement parts, use parts shown in this section, Section 3.

Encore ECIM Dispenser Model



For replacement parts, use T7 parts shown in Section 2.

Encore Non-ECIM Dispenser Model

4. ADVANTAGE PARTS

The parts in this section are for Gilbarco **Advantage models only**. A front view of the iX Pay 2 terminal installed in the Advantage model is shown below.

The parts listed in this section are the typical replaceable parts that are **different** from the T7 terminal parts listed in Section 2. For Advantage parts not listed here, refer to the parts listed in Section 2.

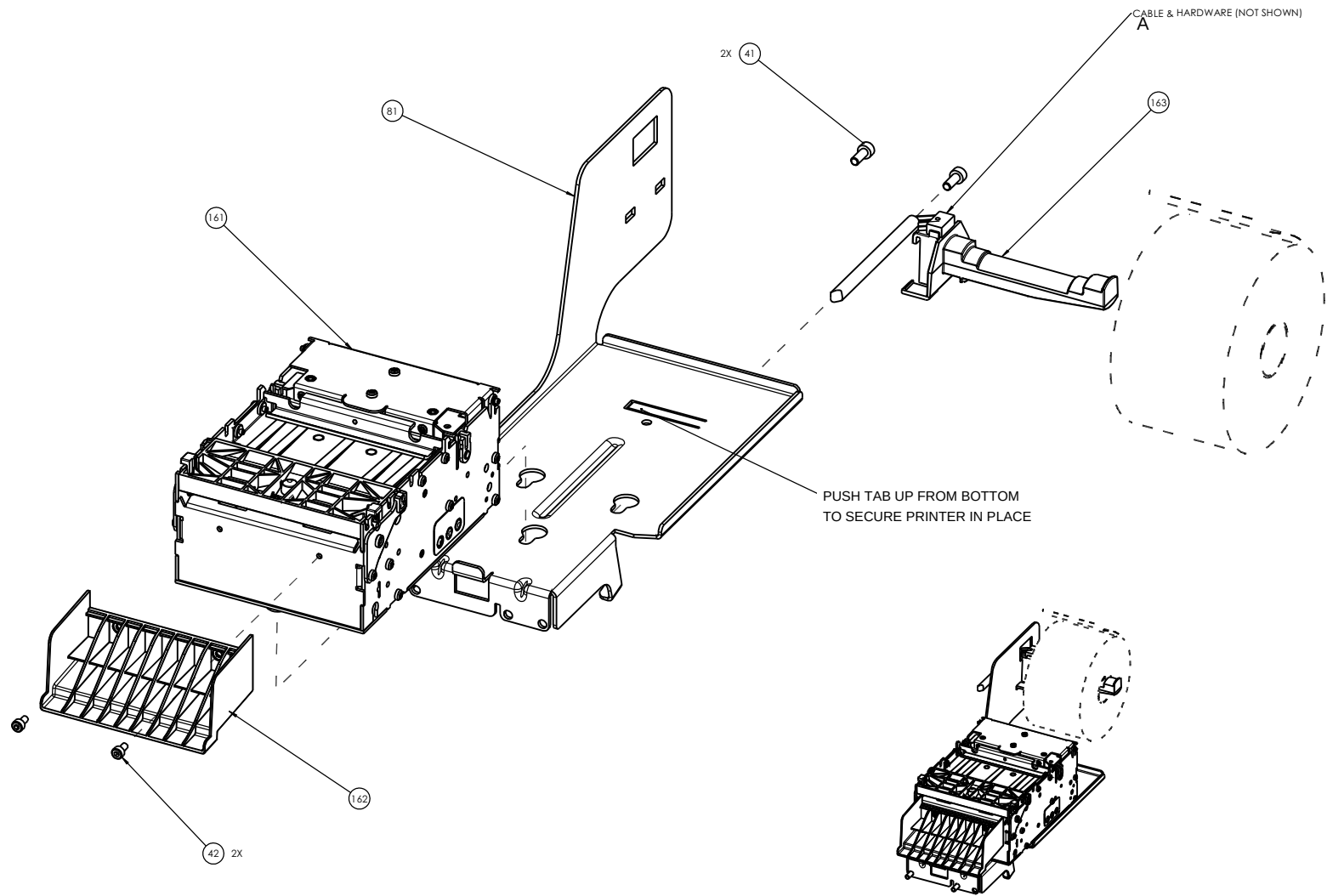
Cables and cable assembly part numbers are shown on the wiring diagrams included in the back of this manual.



iX Pay 2 in Advantage Dispenser Model

4.1. USB PRINTER

Drawing No. WU013955



USB PRINTER, CONTINUED

Sequence numbers shown below are referenced to drawing number WU013955.

SEQ #	PART NUMBER	DESCRIPTION	QTY	Notes
41	WB000209-0001	SCREW, HEXAGON SOCKET CAP, M4 x 10	2	
42	WB000334-0001	SCREW, HEXAGON SOCKET CAP, M3 x 6	2	
81	WU013954-0001	BRACKET PRINTER, iXPAY VERT CPT	1	
161	WU006648-0003	PRINTER, USB, LOW PROFILE, 60MM, WITHOUT SENSOR	1	Service part printer
162	WM041413	PRINTER GUIDE	1	
163	WM062110	SHAFT FOR PAPER ROLL	1	
	WM042821-0002	CABLE USB TYPE A MALE-MINI B RIGHT ANGLE MALE	1	
	WU009898-0002	CABLE ASSEMBLY, ZEBRA PRINTER POWER, OVATION	1	
	WU008870-0001	GROUND STRAP, L=208	1	
A	WM036596-0001	SENSOR, PAPER		

Note: Wayne recommends using the specified paper for the printer. For example, paper that is too thin may cause jams. Also, store paper in a dry area. Paper that is damp will cause jams.

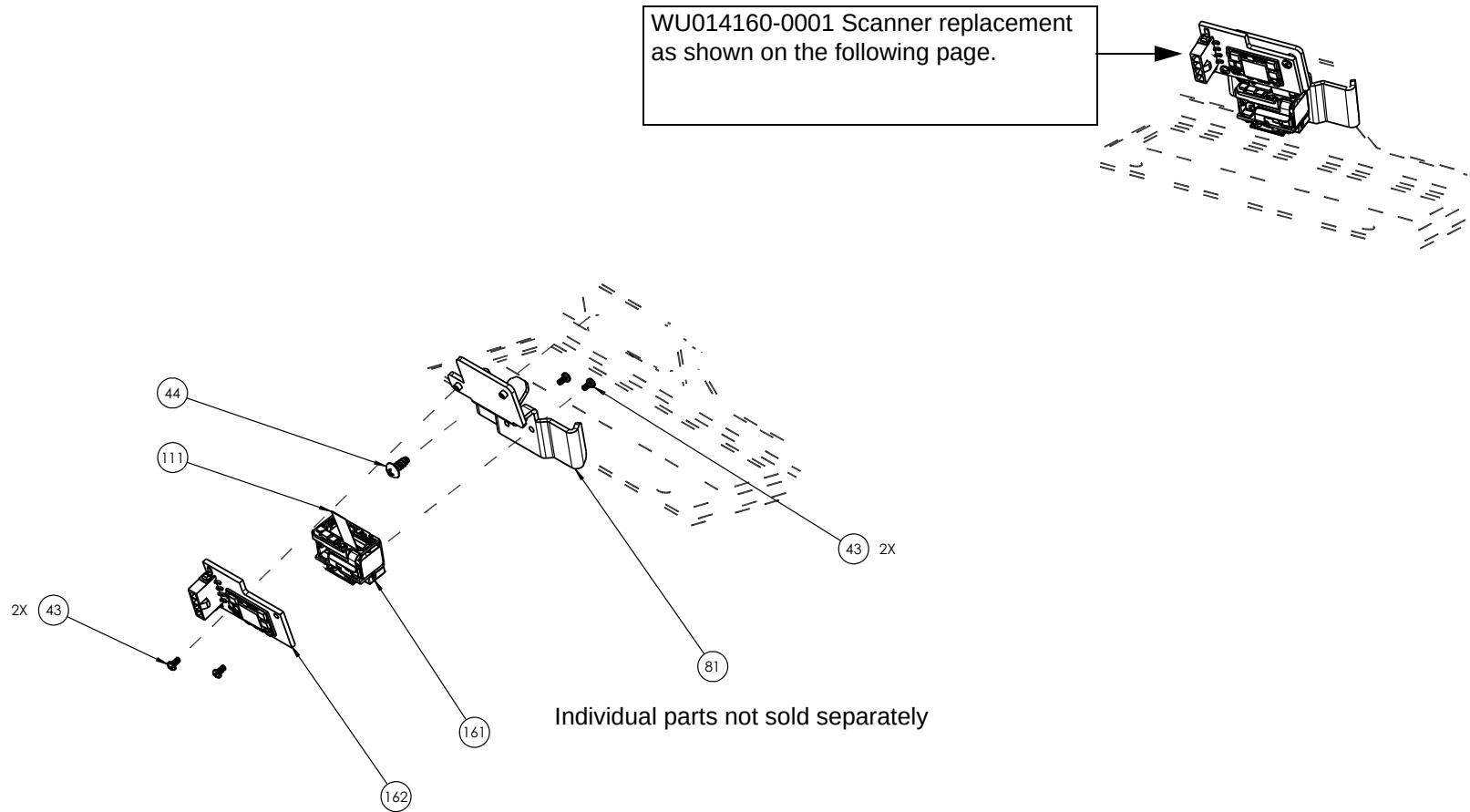
Wayne part numbers for printer paper:

7000703 for a case.

W27000704 for a pallet.

4.2. BARCODE SCANNER, ADVANTAGE

Reference drawing number WU014160



SCANNER ADVANTAGE, CONTINUED

Reference drawing number WU014160.

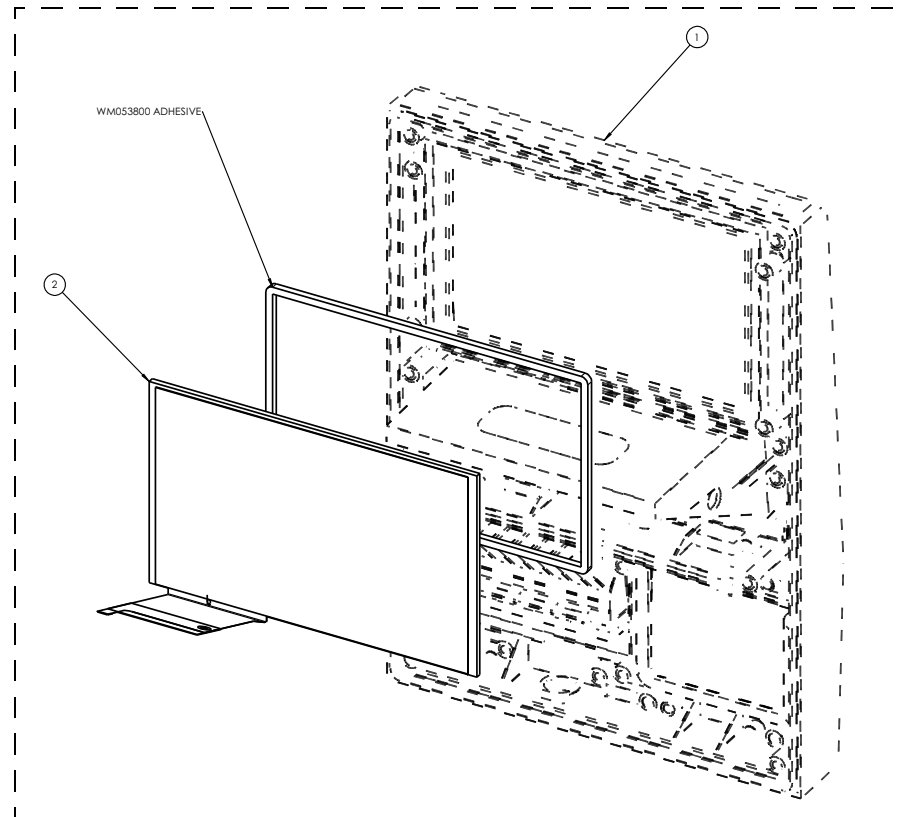
PART NUMBER	DESCRIPTION	QTY	Note
WU014160-0001	SCANNER ASSEMBLY, REPLACEMENT MODULE	1	Shown below
6026901	SCREW, SELF TAPPING #4-1/4"	1	Included, not shown
WU012768-0001	CABLE ASSEMBLY, SCANNER to SPM	1	Included, not shown



Scanner Service Replacement Module
WU014160-0001 for Advantage models

4.3. BEZEL/GLASS

Drawing No. WU014178



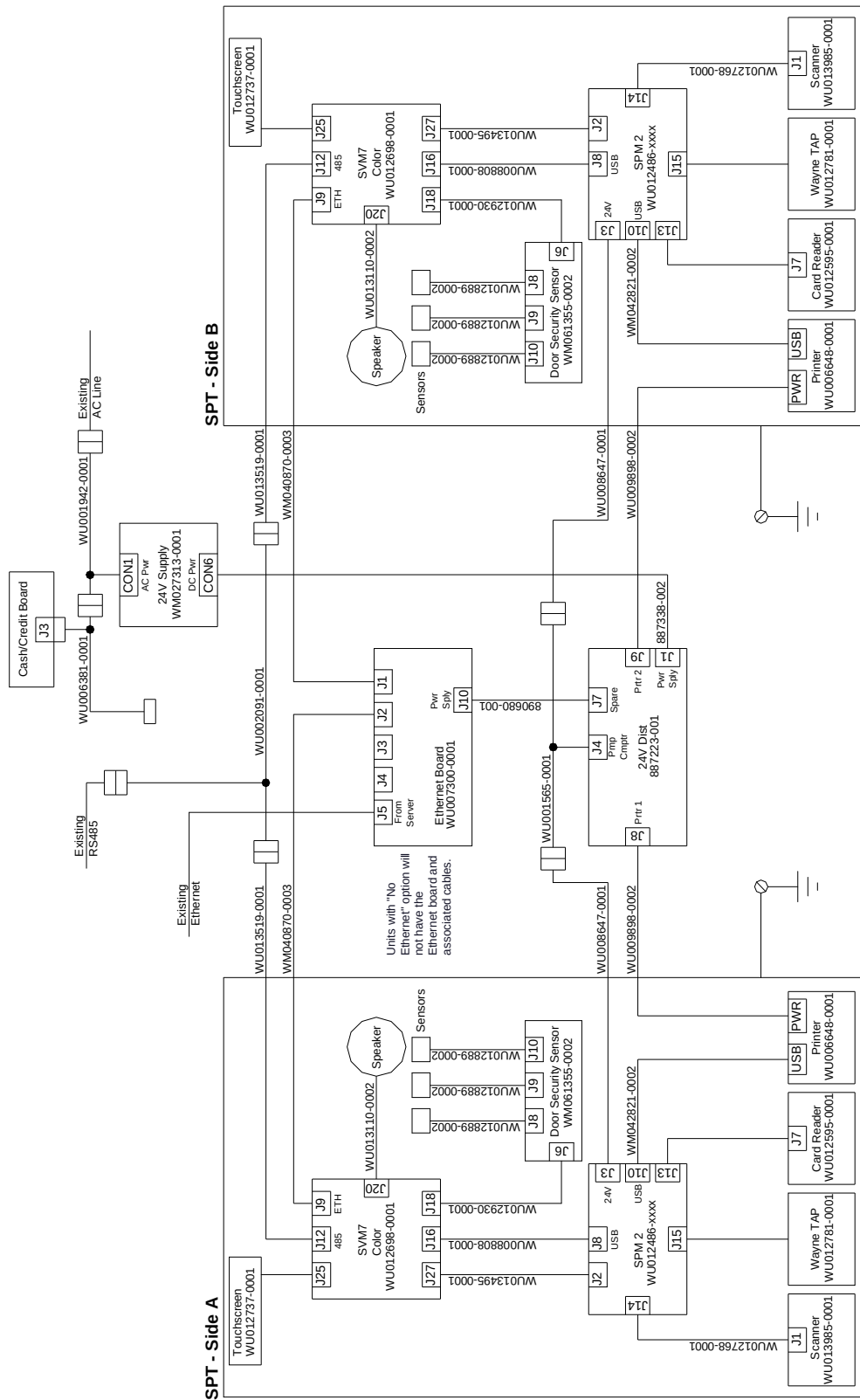
ASSEMBLY
WU014178-0001

- 1 The assembly shown above has the display glass with touch flex circuit pre-assembled to the bezel panel. The glass replacement part is the complete assembly P/N WU014178-0001.
- 2 Glass and touch flex circuit are not field replaceable.

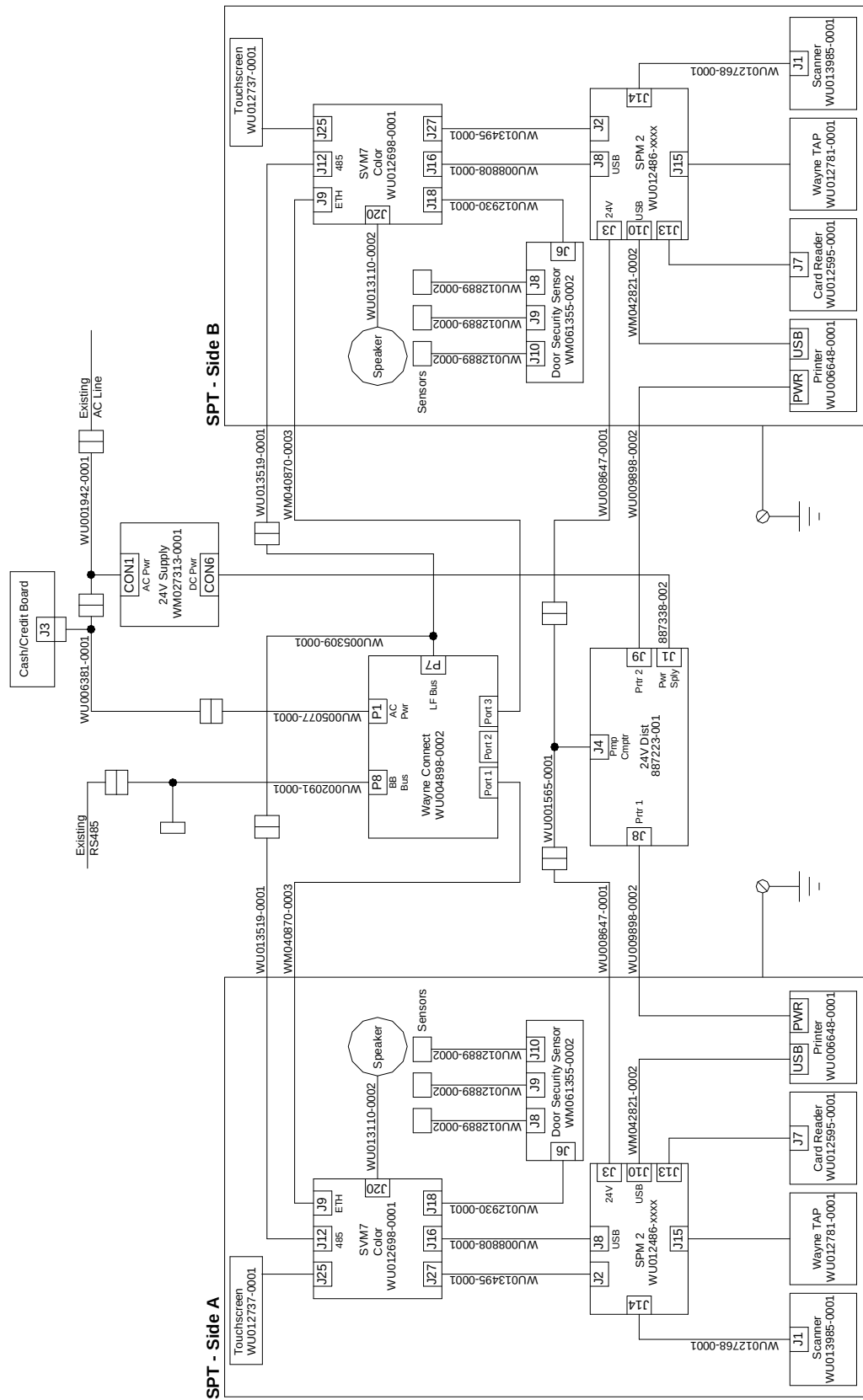
5. WIRING DIAGRAMS

Cable part numbers are shown on the wiring diagrams in this section.

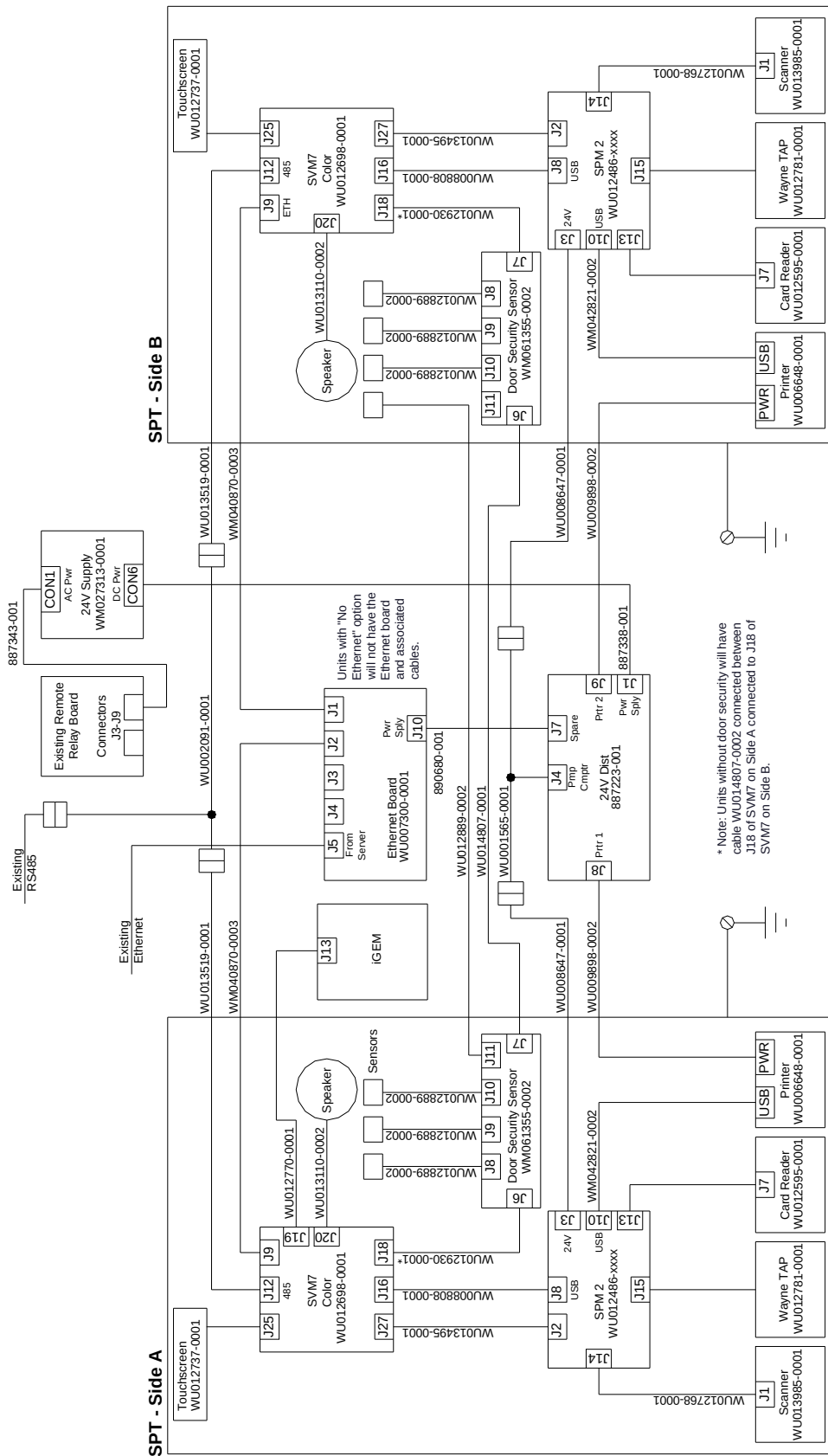
2/Vista T7 Wiring Diagram - Ethernet Board or No Ethernet



2/Vista T7 Wiring Diagram - Wayne Connect



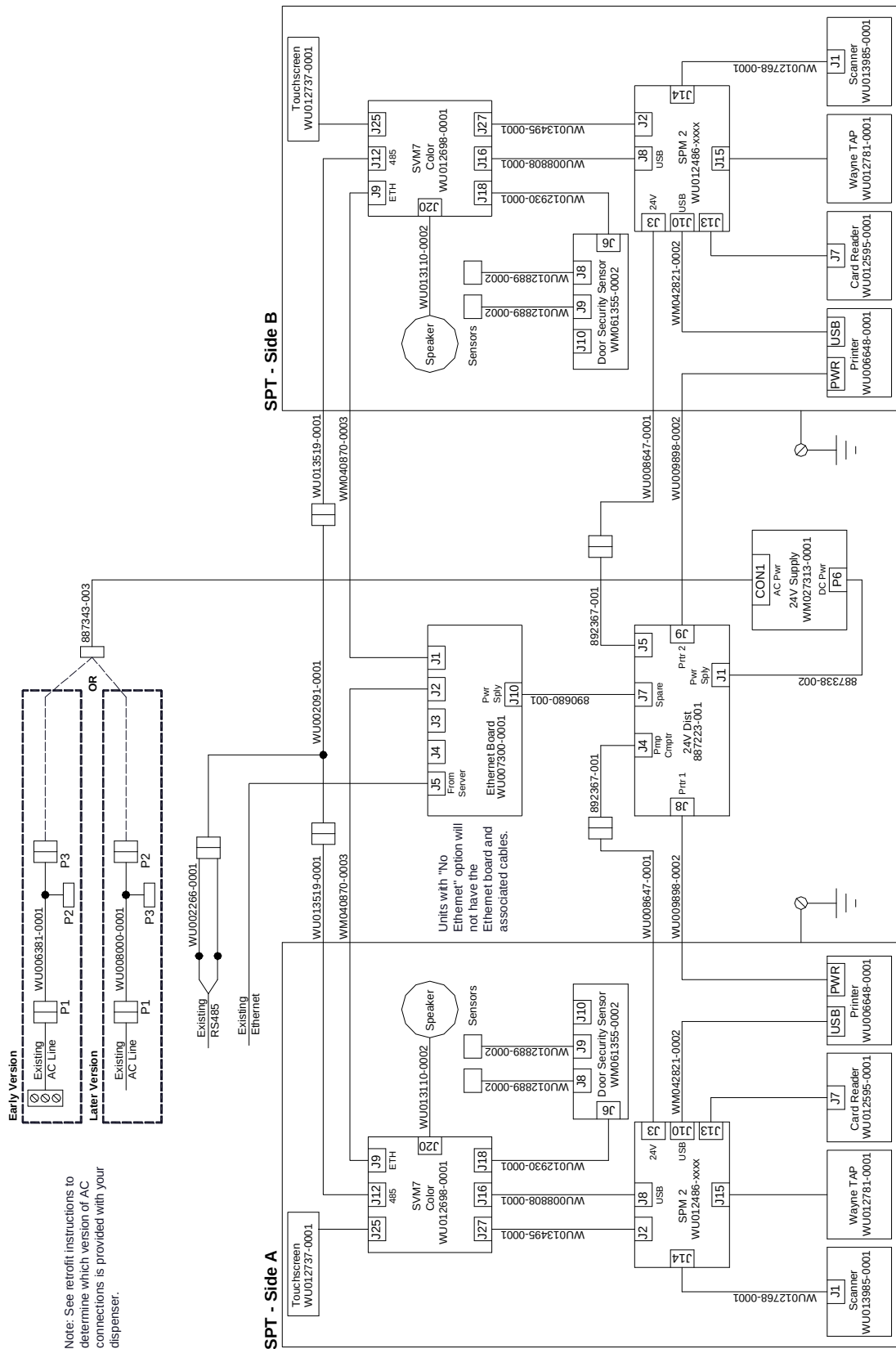
3/Vista T7 Wiring Diagram - Ethernet Board or No Ethernet



P/N WU013653 Rev 02 12/2018



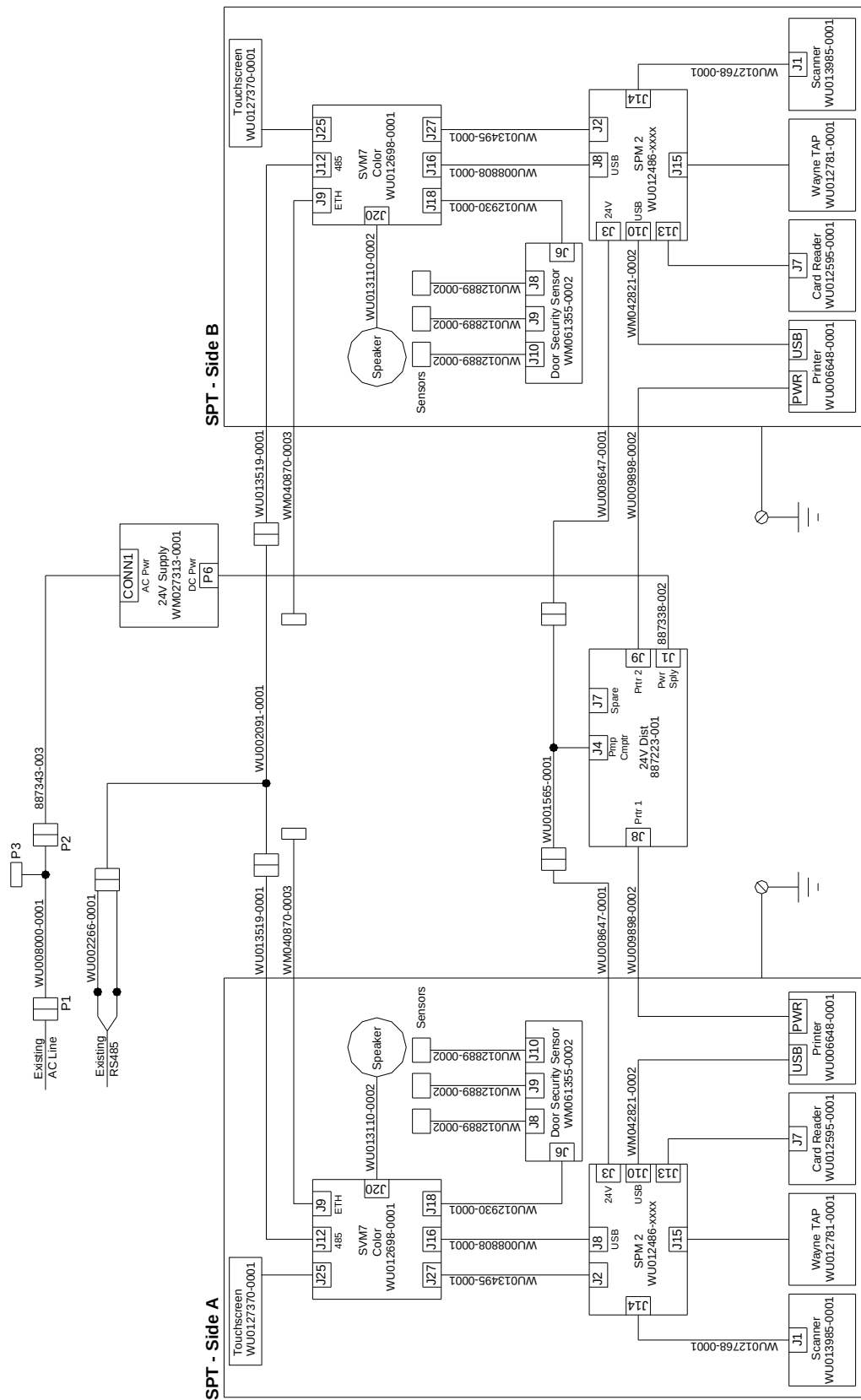
Gilbarco Encore 300/500 T7 Wiring Diagram - Ethernet



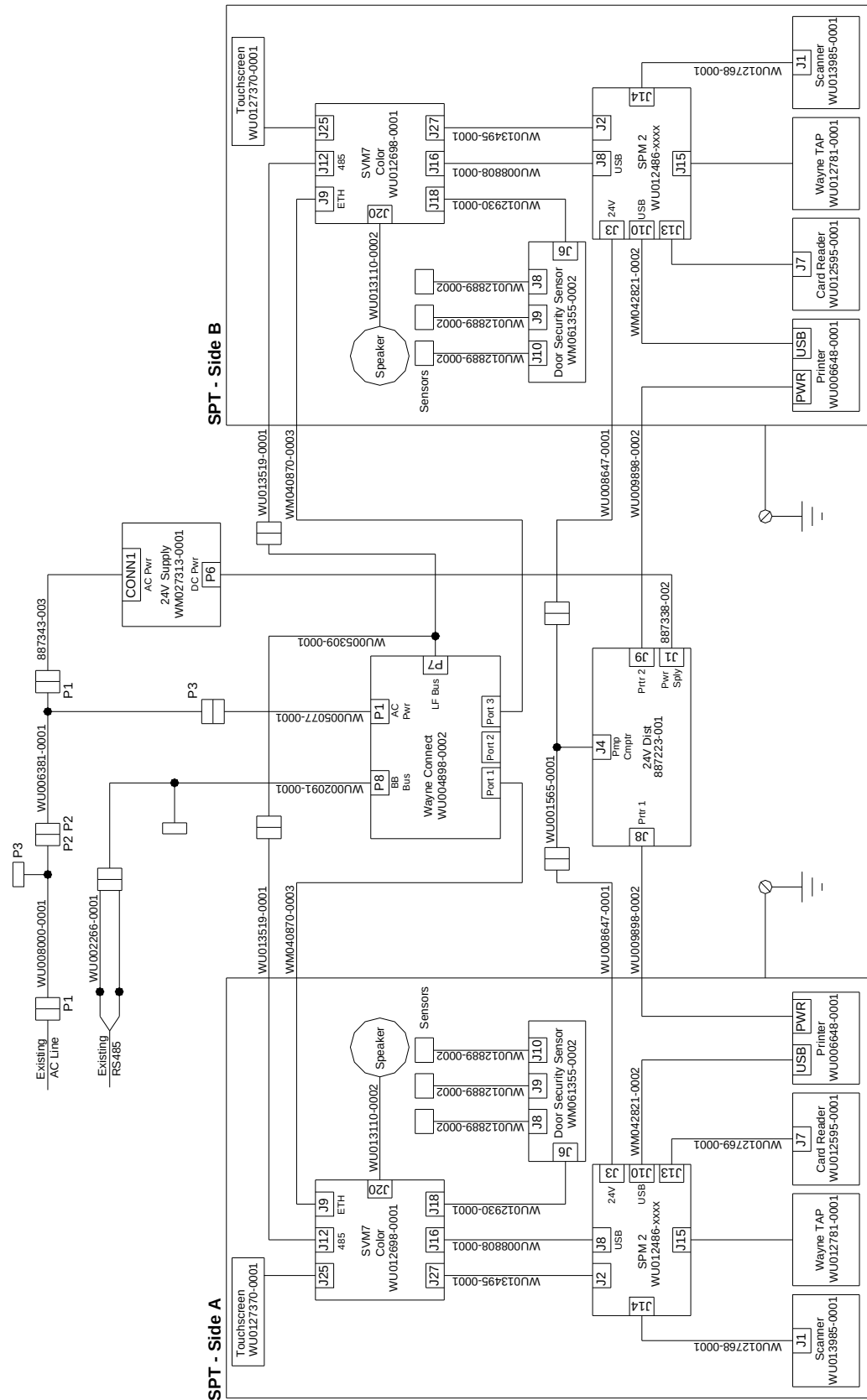
P/N WU013653 Rev 02 12/2018



Gilbarco Advantage T7 Wiring Diagram - No Ethernet

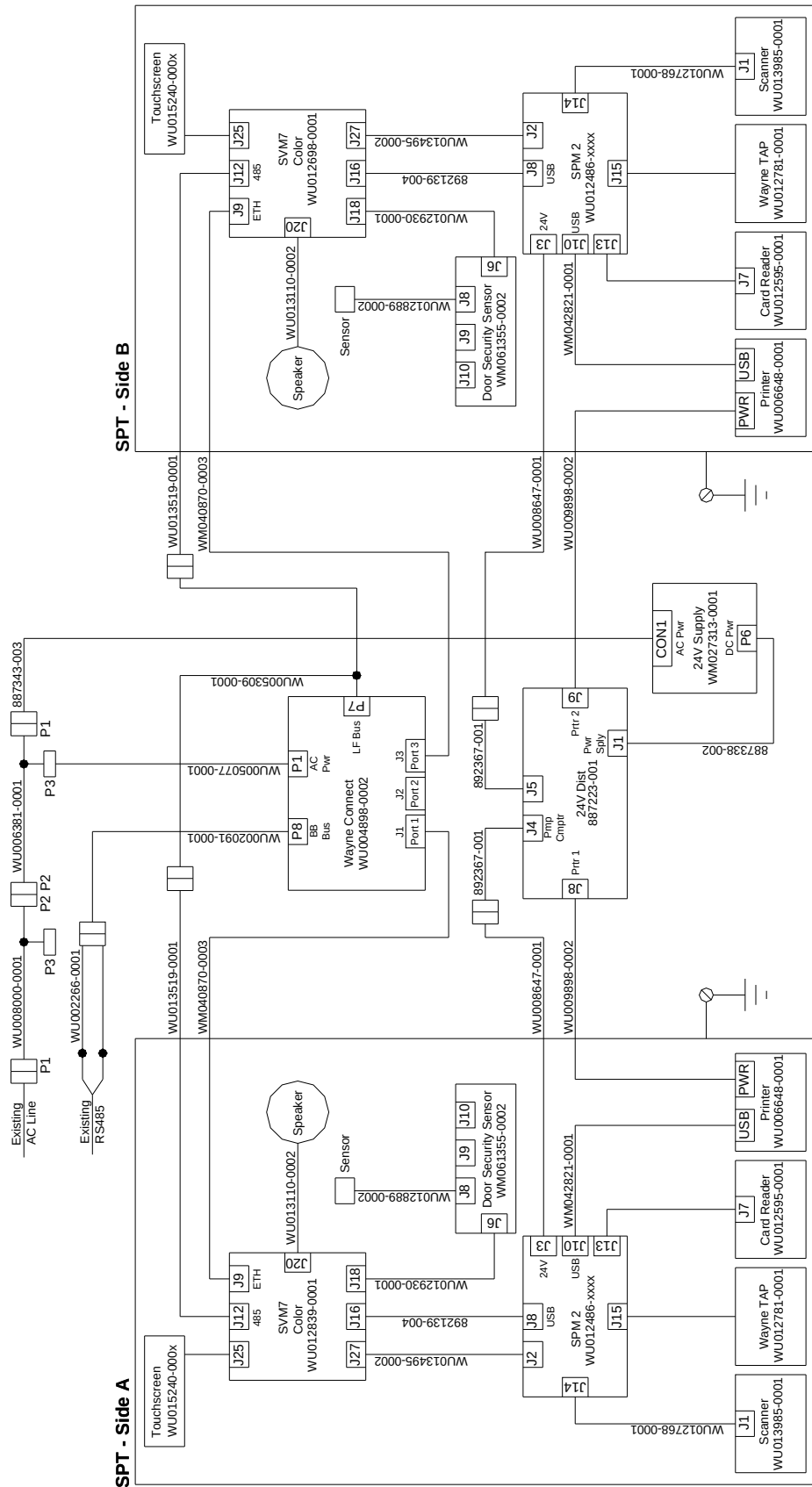


Gibarco Advantage T7 Wiring Diagram - Wayne Connect



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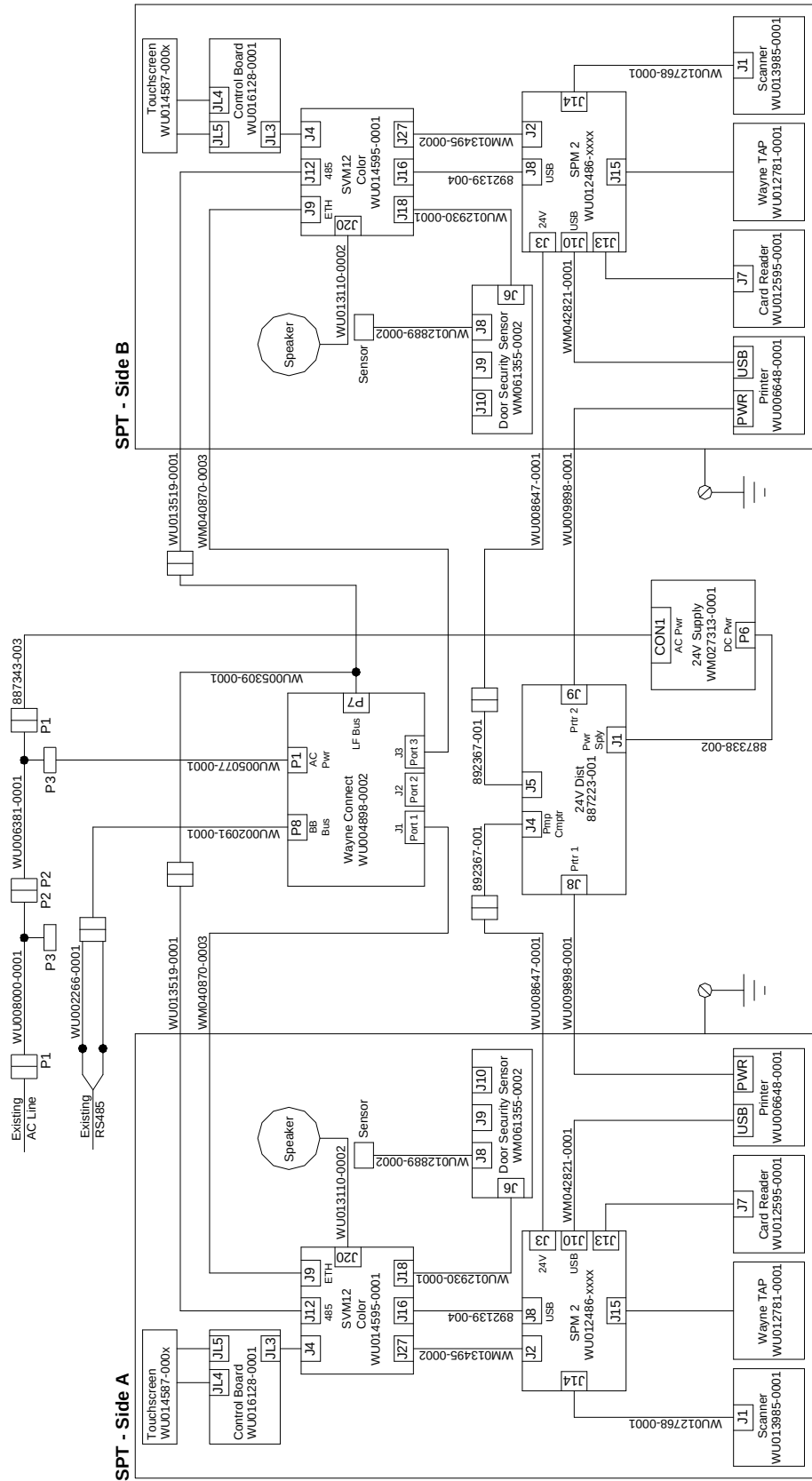




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Gilbarco Encore **ECIM 500/700** - SVM12 (12" display) Wiring Diagram - Wayne Connect



PARTS

iX Pay™ Secure Payment Terminals in Wayne Vista and Gilbarco Dispensers

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Wayne's general telephone number is (512)-388-8311.**

This product complies with Part 15 of the FCC rules and regulations. Operation is subject to the following two conditions: (1) This product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device as set forth in Part 15 of the FCC Rules. Those 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 it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case you will be required to correct the interference at your own expense.

Modifications: Any modifications made to this product that are not approved by Wayne Fueling Systems could void your authority to operate this equipment.

