

# Wash Select II

## Parts Manual

---



Unitec Electronics

800.4.UNITEC • [www.unitecelectronics.com](http://www.unitecelectronics.com)

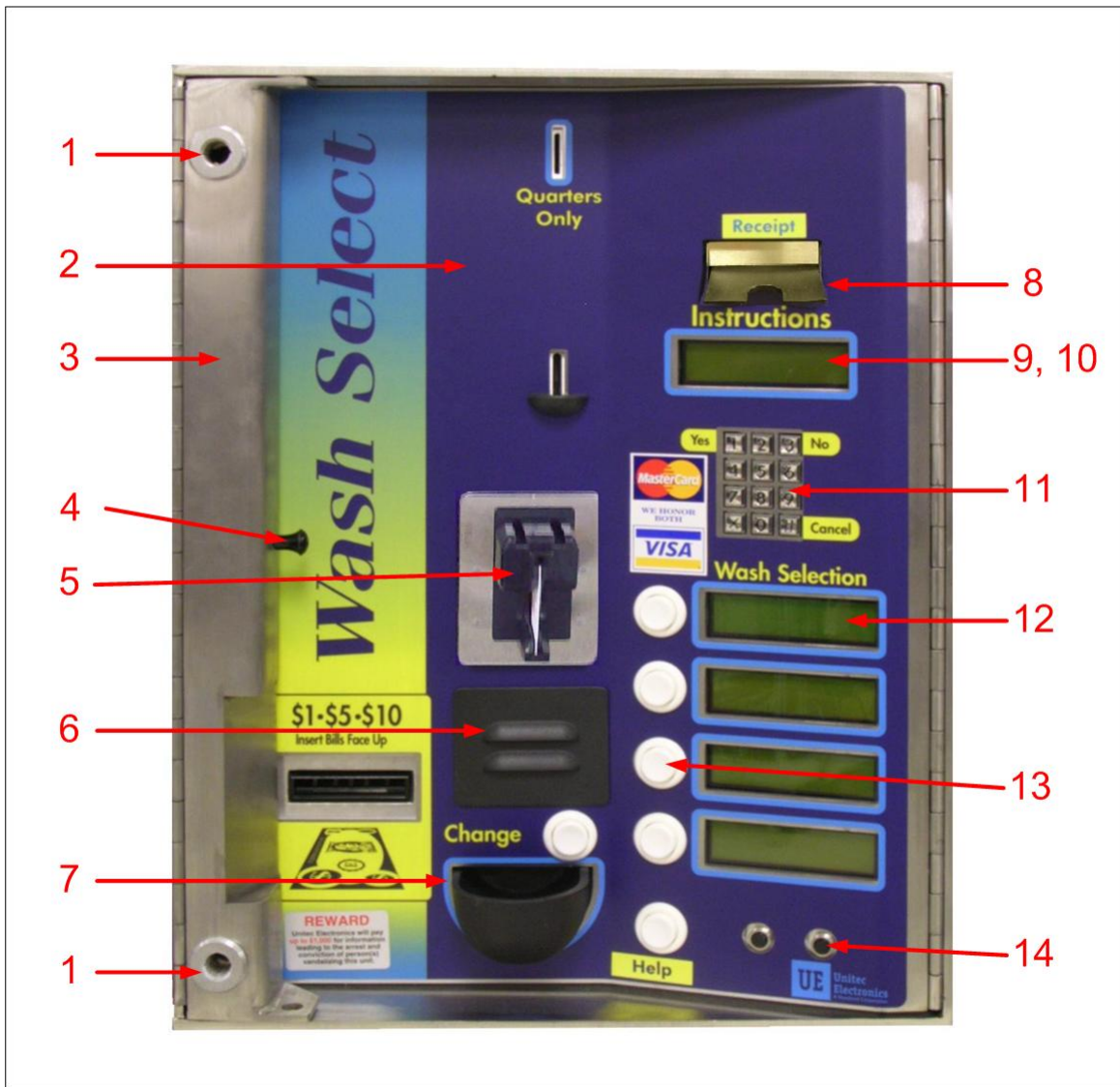
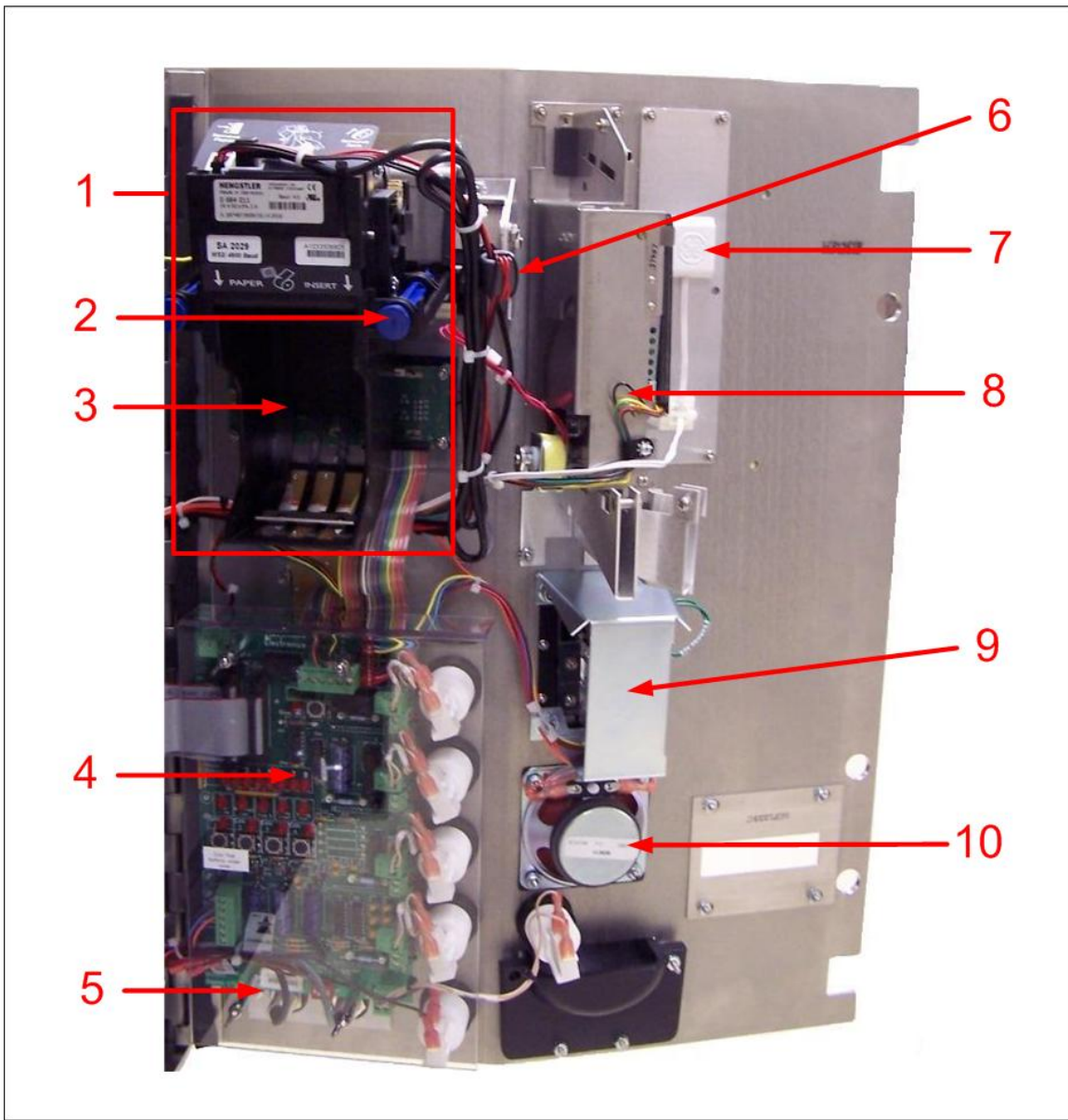


Figure 1. Front of Unit

Item	Unitec Part Number	Description
1	OM1014	Lock & Key (set of 2)
2	LBL1100	Overlay
3	MF1225	Security Bar
4	HW2215	Plastic Knob
5	SA1892	Card Reader, Dual head (Panasonic) <sup>(1)</sup>
	SA2005	Card Reader, Single Head (Neuron) <sup>(1)</sup>
	MF1135BL	Speaker Cover
6	OM1041	Speaker (behind cover)
7	MF1071BL	Coin Cup
8	OM1128	Printer Chute (Hecon)
9	SA1811	Main Display
10	OM1121	Display Window, .187 tk door <sup>(2)</sup>
	OM1057	Display Window, .104 tk door <sup>(2)</sup>
11	SA1833	Keypad Assembly
12	OM1120	Wash Display Window .187 tk door <sup>(2)</sup>
	OM1056	Wash Display Window, .104 tk door <sup>(2)</sup>
13	SW2009	Pushbutton Switch (white)
14	SA1851	Proximity Sensor Assembly
Not Shown	LBL1068	\$1-5-10-20 label
Not Shown	SA1880	Speedpass reader (for Mobil only)

(1) The dual head (Panasonic) card reader was implemented on 2/11/2009

(2) Use display windows OM1056 and OM1057 for units built prior to Jan 2005 (with .104" thick doors).

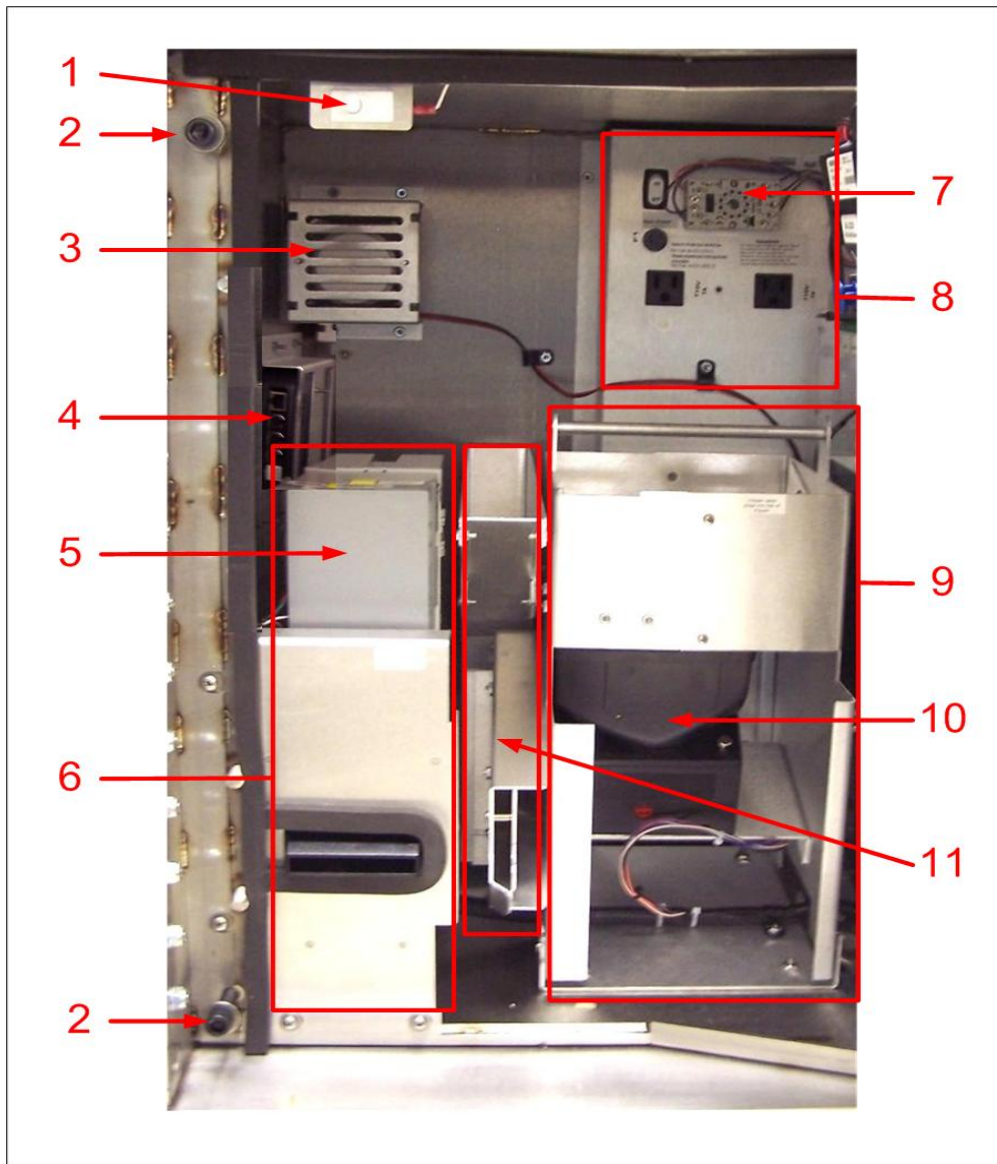


**Figure 2. Inside Door**

Item	Unitec Part Number	Description
1	SA2029	Printer Assembly Hecon (as shown) <sup>(1)</sup>
	See Figure 5	Printer Assembly, Seiko <sup>(1)</sup>
2	OM1130	Hecon Printer Hinge Pin
3	OM1129	Hecon Printer Paper Tray
4	SA1810	I/O and Display Board Assembly
5	OM1058	I/O and Display Board Cover
6	OM1116	Camera
7	OM1119	Shock Sensor
8	SA1834	Coin Acceptor, Slugbuster 24 VDC <sup>(2)</sup>
	SA2134	Coin Acceptor, Slugbuster 24 VAC <sup>(2)</sup>
	SA2002	Coin Acceptor, IDX (multicoin)
9	SA2249	Card Reader Cover Assembly (Panasonic)
10	OM1041	Speaker
Not Shown	SA1867	External Fleet Board

(1) Units built prior to 10/2006 will have a Seiko printer. Refer to figure for details on its parts.

(2) Units built after 10/31/2005 use the 25 VDC Slugbuster model.

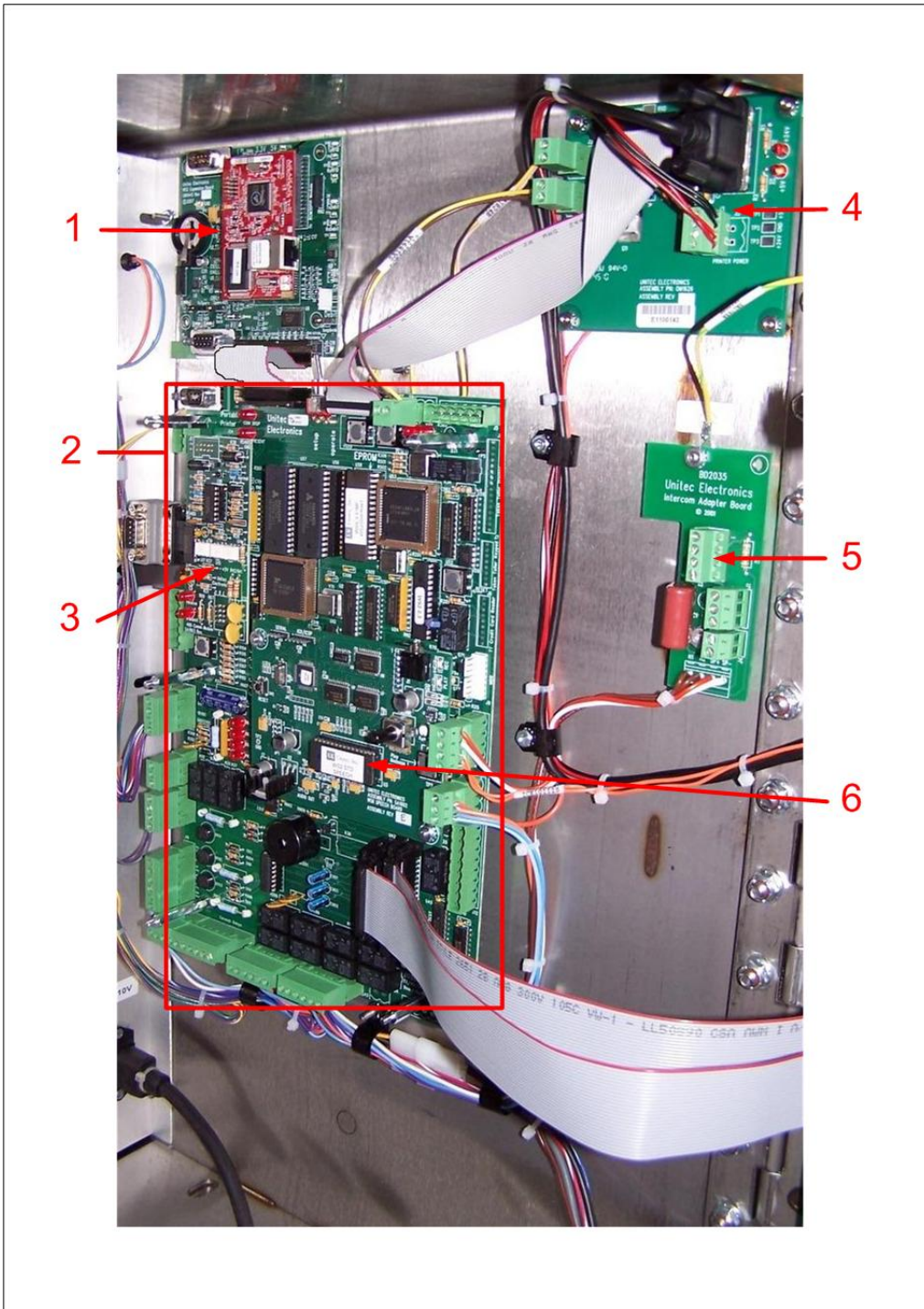


**Figure 3A. Interior of Unit**

Item	Unitec Part Number	Description
1	SW2016	Door Switch
2	MF1234	Door Bolt
3	OM1424	Alarm Siren
4	OM1047	Dial Credit Device
	OM1668	IP Credit Device (Paymentech)
	OM1126	IP Credit Device (Mercury – not shown) <sup>(1)</sup>
5	OM1133	Bill Acceptor w/stacker (Mars)
6	SA1877	Bill Acceptor Assembly <sup>(2)</sup>
	OM1050	Bill Stacker - Mars
	OM1033	Bill Stacker - Coinco
7	OM1142	Prox Sensor Power Block
8	See Figure 4	Power Supply Assembly
9	SA1803	Coin Hopper Assembly
10	SA1553	Replacement Hopper
	OM1306	Coin Wheel - Quarters
	OM1304	Coin Wheel - \$1 coins
	OM1086	Coin Wheel, 1 1/8" Tokens
11	SA2072	Coin Chute Assembly

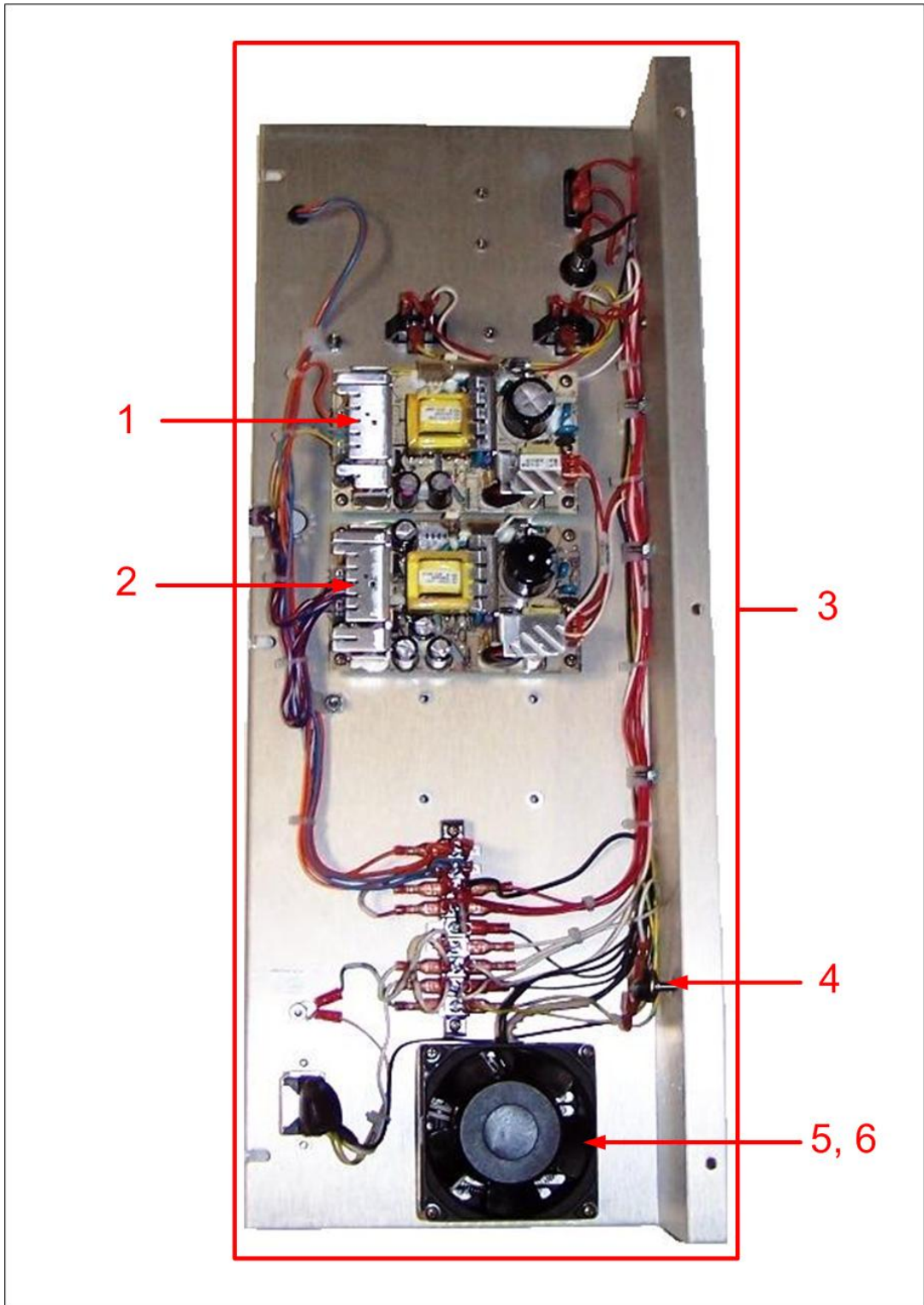
(1) The Mercury IP credit device requires the use of a dial credit device, which is programmed for Mercury Payment Systems.

(2) Bill acceptor assembly (SA1877) consists of the MARS bill acceptor and stacker with the WSII mounting bracket attached.



**Figure 3b. Interior of Unit (Right Wall)**

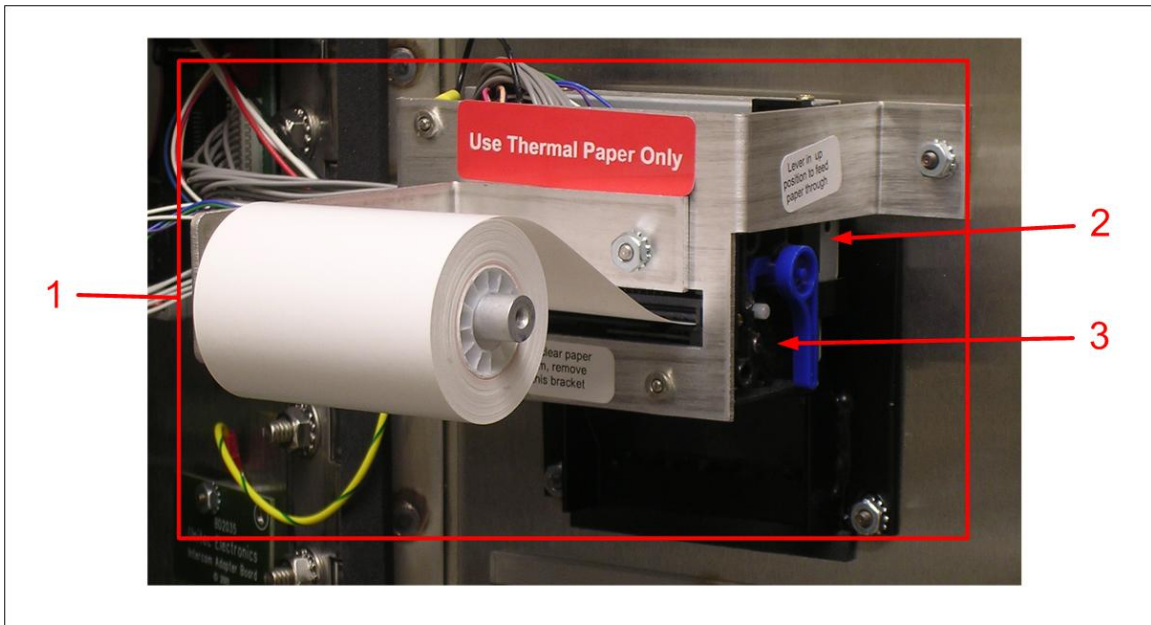
Item	Unitec Part Number	Description
1	SA2298	Network Board, Washpay, 2 <sup>nd</sup> generation
	SA2090	Network Board, Washpay, 1 <sup>st</sup> generation
	SA2116	Network Board, Verifone
	SA2081	Network Board, Kwik Trip
	OM1445	Expansion Board (for Mobil Speedpass) <sup>(1)</sup>
2	SA1800	Processor (CPU) Board Assembly
3	SA1863	RS485 Interface board (installed on CPU Board – for POS4000 option only)
Not Shown	OM1059	Cover, CPU Board Cover
4	OM1626	Printer Control Board, Hecon (shown)
	SA1835	Printer Control Board, Seiko
5	SA1869	Intercom Board
6	SA2127	Speech Board (installed on CPU Board – for speech option only)



**Figure 4. Power Supply**

Item	Unitec Part Number	Description
1	PS1101	Power Supply, 24 VDC <sup>(1)</sup>
2	PS1100	Power Supply, 5 and 12 VDC
3	SA1825	Power Supply Assembly
4	MS2049	Heater Control Thermostat
5	SA1831	Fan Assembly
6	SA1830	Heater Assembly (under fan)
Not Shown	SA1832	Transformer, 24VAC <sup>(1)</sup>

(1) Units prior to 10/31/2005 used the 24 VAC transformer, later units use the 24 VDC power supply.



**Figure 5. Seiko Printer**

Item	Unitec Part Number	Description
1	SA1852	Printer Assembly, Seiko
2	OM1065	Cutter Assembly
3	OM1064	Printer Mechanism

## Cable Assemblies

Unitec Part Number	Description
CA1105	Bill Acceptor Cable, MDB, Coinco
CA1106	Bill Acceptor Cable, MDB, Mars
SA1805	Bill Acceptor Cable, Pulse, Coinco
SA1876	Bill Acceptor Cable, Pulse, Mars
CA1500	Camera Cable
CA1101	Card Reader Cable (Neuron)
SA2208	Card Reader Cable (Panasonic)
SA1807	CPU to Display Brd Cable, 26 pin
SA1806	CPU to Display Brd Cable, 34 pin
SA1814	Display I/O Board Power Cable
SA1804	Hopper Cable
CA1100	Keypad Cable
CA1102	Main display cable
SA1878	MDB Interface Cable
SA2221	Prox Sensor Cable
SA1823	Seiko printer brd ribbon cable
CA1359	Seiko printer ext cable
CA1111	Seiko Printer Hd cable
SA1818	Speaker Cable
SA1812	Wash selection button cable

## Miscellaneous

Unitec Part Number	Description
MF1233	Hand Crank
MS2021	Cleaning Card, Bill Acceptor
MS2030	Cleaning Card, Printer
MS2031	Cleaning Card, Card Reader
OM1628	Receipt Printer Paper (Hecon)
OM1069	Receipt Printer Paper (Seiko)
WS2SW	Wash Select II Software (Standard)
WS2ENHFU	Wash Select II Software (Enhanced Fleet)
WS21001	Installation Manual
WS21002	Operations Manual (Standard)
WS21058	Operations Manual (with Washpay I/F)
PS1102	Power Connector