

Connection Box

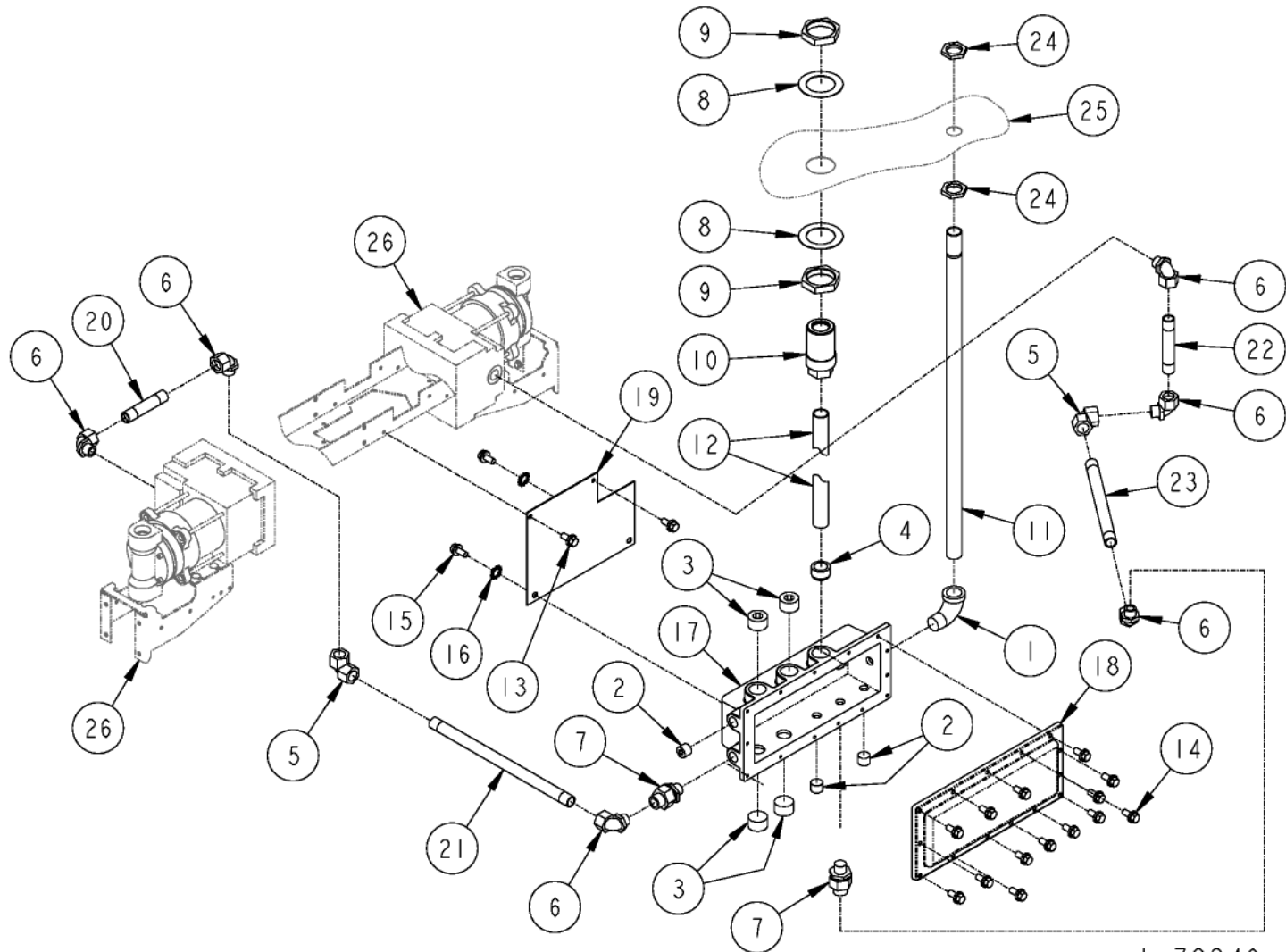
Connection Box Assembly

- Franklin Assist Vapor (Wide Frame)
- Franklin Assist Vapor (Narrow Frame)
- Vapor Balance & Non-Vapor
- Suction System

Speaker & Conduit

CONNECTION BOX ASSEMBLY

FRANKLIN ASSIST VAPOR
WIDE FRAME



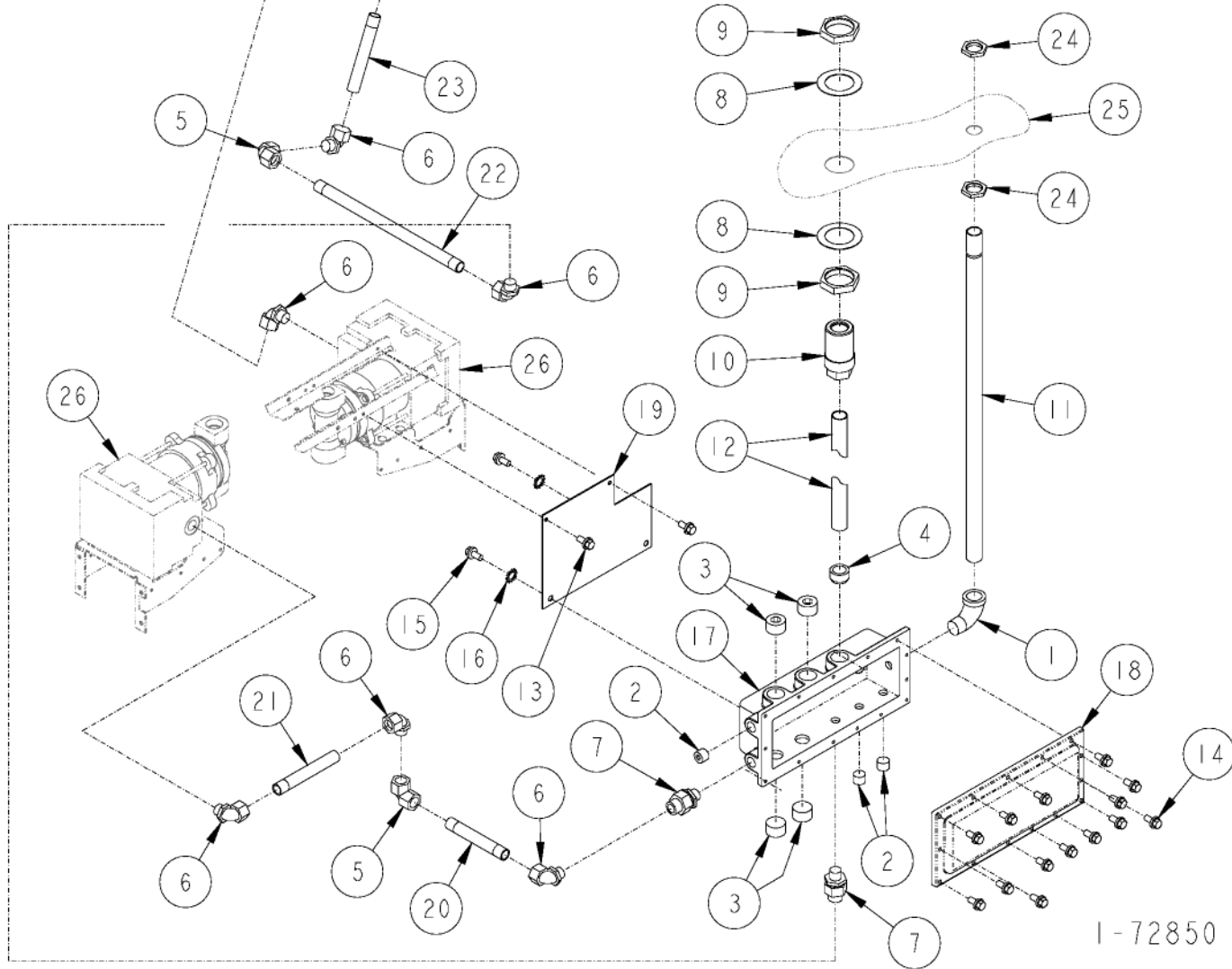
1-72849

CONNECTION BOX ASSEMBLY

FRANKLIN ASSIST VAPOR WIDE FRAME

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	X-420-8	90° Street Elbow	19	8801074	Connection Box Mounting Bracket
2	X-424-3	Pipe Plug	20	8801221	Conduit
3	X-426-1	Pipe Plug	21	8801222	Conduit
4	X-456	Reducer	22	8801224	Conduit
5	X-617-1	1/2" x 90° Elbow (Female/Female)	23	8801225	Conduit
6	X-617-3	1/2" x 90° Elbow (Male/Female)	24	8801343	Conduit Nut
7	X-619-22	1/2" Union	25	<u>For parts call out of Lower Frame Assembly see 72824.</u>	
8	1-132705	Conduit Washer	26	<u>For parts call out of Vapor Control Assembly see 72848.</u>	
9	1-132706	Conduit Nut			
10	1-231866	Barrier Body			
11	2-233720	Conduit			
12	<u>Conduit</u>				
	1-321222	All models except 34442			
	8801496	Model 34442			
13	4005047	1/4 x 1/2" Long Screw			
14	4005070	Screw			
15	4006010	Screw			
16	4036010	Lockwasher			
17	4080005	Connection Box			
18	4080006	Connection Box Cover			

CONNECTION BOX ASSEMBLY FRANKLIN ASSIST VAPOR NARROW FRAME



1-72850

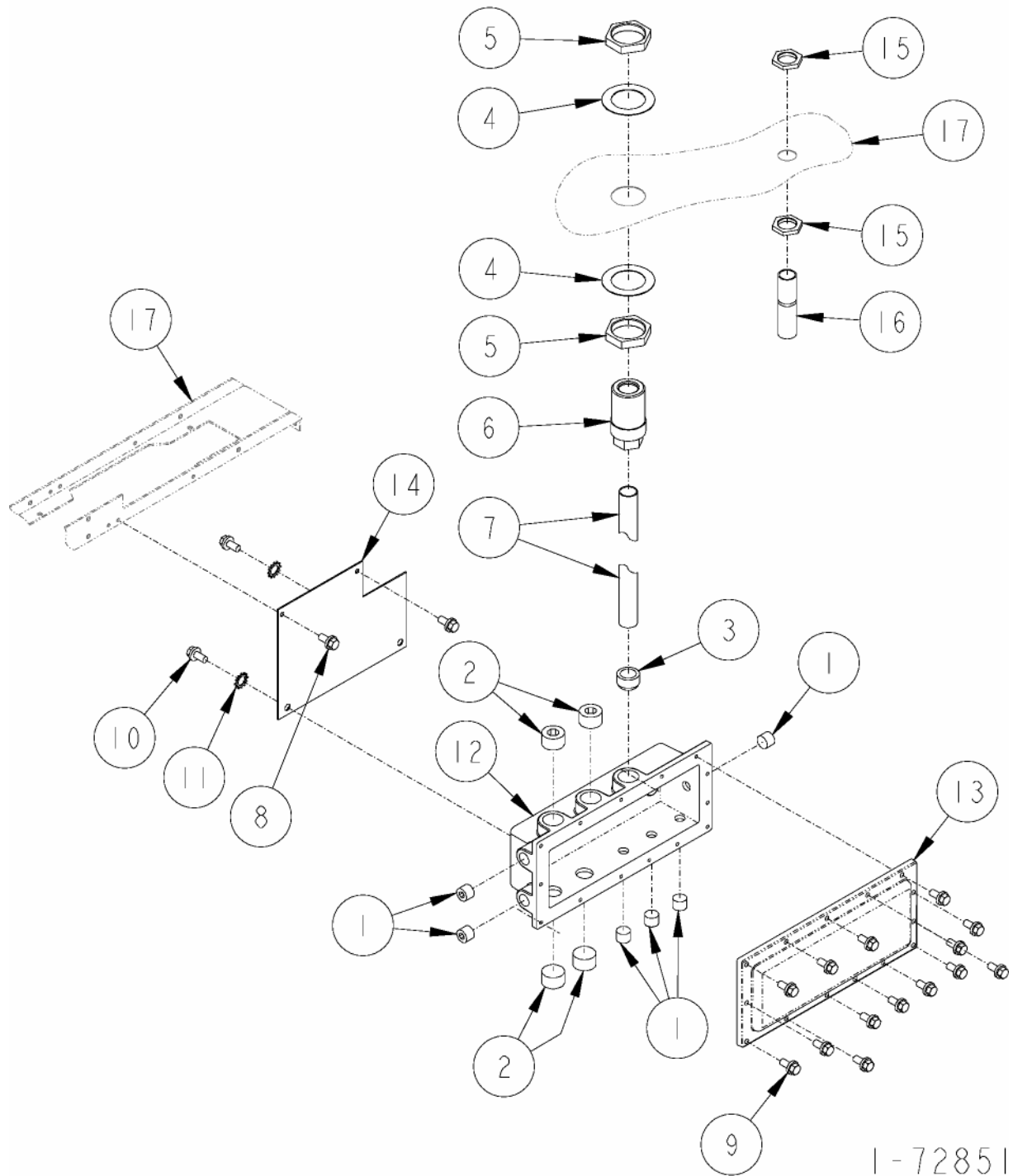
CONNECTION BOX ASSEMBLY

FRANKLIN ASSIST VAPOR NARROW FRAME

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	X-420-8	90° Street Elbow	23	8801263	Conduit
2	X-424-3	Pipe Plug	24	8801343	Conduit Nut
3	X-426-1	Pipe Plug	25	For parts call out of Lower Frame Assembly see 72824.	
4	X-456	Reducer	26	For parts call out of Vapor Control Assembly see 72848.	
5	X-617-1	1/2" x 90° Elbow (Female/Female)			
6	X-617-3	1/2" x 90° Elbow (Male/Female)			
7	X-619-22	1/2" Union			
8	1-132705	Conduit Washer			
9	1-132706	Conduit Nut			
10	1-231866	Barrier Body			
11	2-233720	Conduit			
12	1-321222	Conduit			
13	4005047	1/4 x 1/2" Long Screw			
14	4005070	Screw			
15	4006010	Screw			
16	4036010	Lockwasher			
17	4080005	Connection Box			
18	4080006	Connection Box Cover			
19	8801074	Connection Box Mounting Bracket			
20	8801260	Conduit			
21	8801261	Conduit			
22	8801262	Conduit			

CONNECTION BOX ASSEMBLY

VAPOR BALANCE & NON-VAPOR

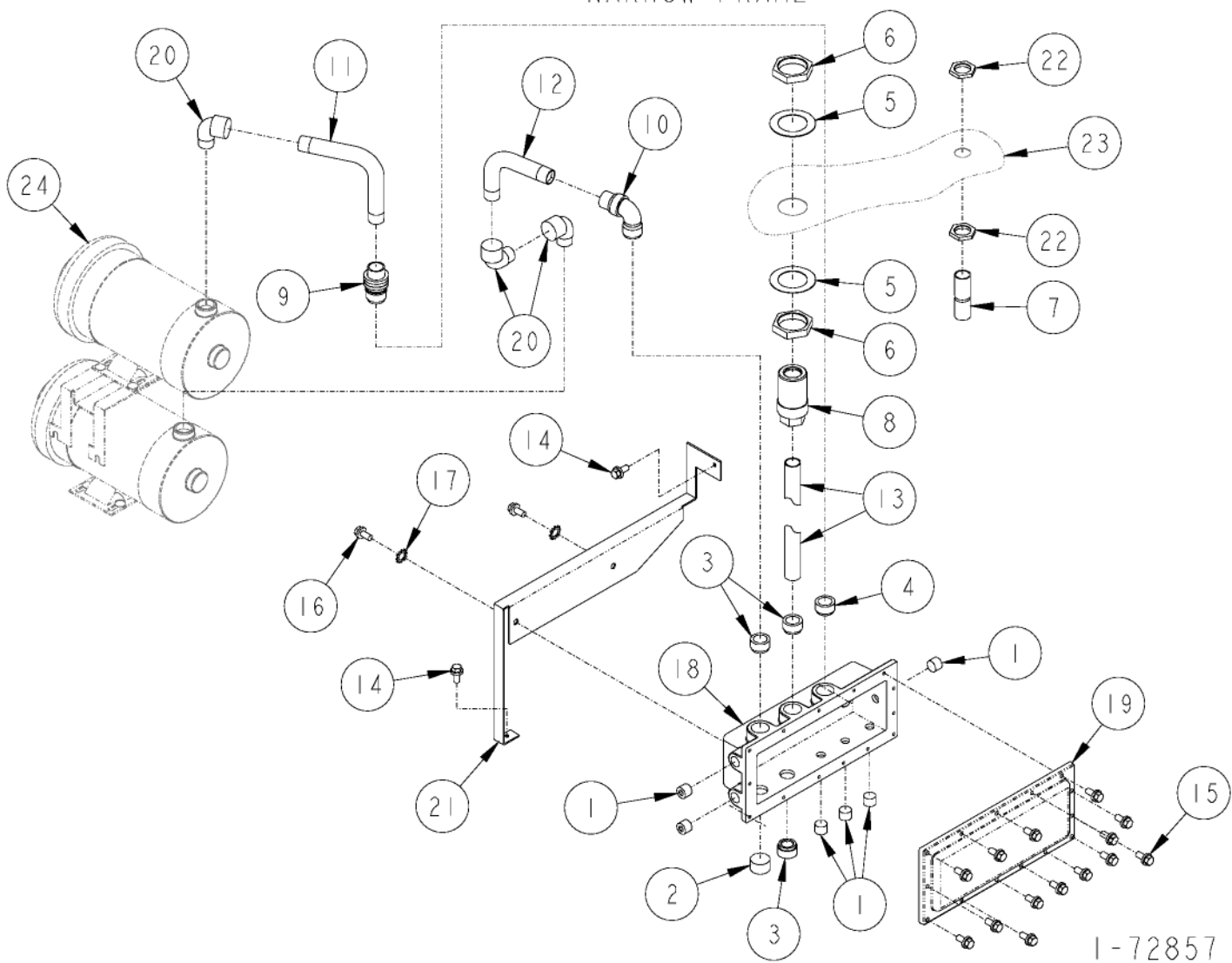


CONNECTION BOX ASSEMBLY

VAPOR BALANCE & NON-VAPOR

ITEM NO.	PART NO.	DESCRIPTION
1	X-424-3	Pipe Plug
2	X-426-1	Pipe Plug
3	X-456	Reducer
4	1-132705	Conduit Washer
5	1-132706	Conduit Nut
6	1-231866	Barrier Body
7	<u>Conduit</u>	
	1-321222	All models except listed below
	8801496	Model 34442 only
8	4005047	1/4 x 1/2" Long Screw
9	4005070	Screw
10	4006010	Screw
11	4036010	Lockwasher
12	4080005	Connection Box
13	4080006	Connection Box Cover
14	8801074	Connection Box Mounting Bracket
15	8801343	Conduit Nut
16	8800412	Conduit Plug
17	For parts call out of Lower Frame Assembly see 72824.	

CONNECTION BOX ASSEMBLY SUCTION SYSTEM NARROW FRAME



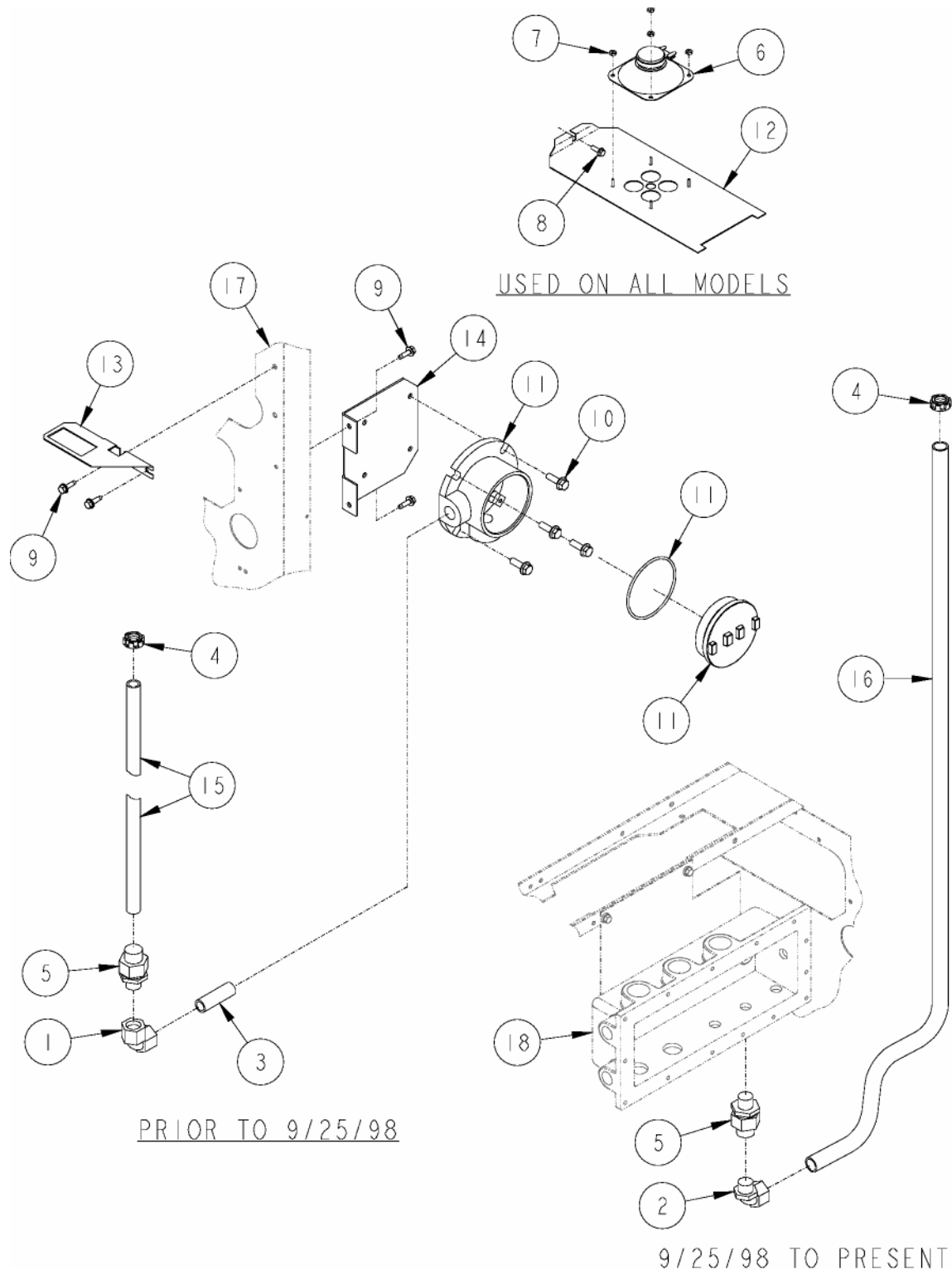
1-72857

CONNECTION BOX ASSEMBLY

SUCTION SYSTEM NARROW FRAME

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	X-424-3	Pipe Plug	18	4080005	Connection Box
2	X-426-1	Pipe Plug	19	4080006	Connection Box Cover
3	X-456	1" x 3/4" Conduit Bushing	20	4090102	3/4" Conduit Street Elbow
4	X-456	1" x 3/4" Conduit Bushing	21	8200506	J Box Mounting Bracket
	06-51901	1" Pipe Plug (Models only)	22	8801343	Conduit Nut
5	1-132705	Conduit Washer	23	For parts call out of Center Enclosure Assembly see	
6	1-132706	Conduit Nut	24	For parts call out of Motor Assembly see 72858.	
7	1-228645	1/2" Conduit Hole Plug			
8	1-231866	Barrier Body			
9	1-233721	3/4" Male Union			
10	1-233722	3/4" Elbow Union			
11	1-233723	Upper Motor Conduit			
12	1-233724	Lower Motor Conduit			
13	1-321223	J Box Conduit			
14	4005047	1/4 x 1/2" Long Screw			
15	4005070	Screw			
16	4006010	Screw			
17	4036010	Lockwasher			

SPEAKER & CONDUIT ASSEMBLY



SPEAKER & CONDUIT ASSEMBLY

ITEM PART

NO.	NO.	DESCRIPTION
1	X-617-1	1/2" x 90° Elbow (Female/Female)
2	X-617-3	1/2" x 90° Elbow (Male/Female)
3	X-617-27	1/2" x 2-1/4" Long Nipple
4	X-618-10	1/2" Conduit Bushing
5	X-619-22	1/2" Union
6	0070525	Speaker
7	30220062	#6-32 Keps Nut
8	4003582	#8-32 x 3/8" Long Screw
9	4005047	1/4 x 1/2" Long Screw
10	4005516	5/16-18 x 1" Long Screw
11	4090082	Intercom Junction Box
12	8200432	Intercom Speaker Bracket
13	8200437	Conduit Support Bracket
14	8801251	Intercom Junction Box Bracket
15	8801315	Intercom Conduit Assembly
16	Speaker Conduit	
	8801469	Wide
	8801470	Narrow
17	<u>For parts call out of Lower Frame Assembly see</u>	
18	<u>For parts call out of Connection Box Assembly see:</u>	
	72849	Franklin Assist Vapor (Wide Frame)
	72850	Franklin Assist Vapor (Narrow Frame)
	72851	Vapor Balance & Non-Vapor (Narrow & Wide Frame)

For complete Intercom Retrofit Kit order 8400273.

Centurion

Electronics & Dials

Electronics Enclosure Assembly

Narrow Frame

Wide Frame

Door Assembly

Lefty Video

Left Access (Wide Frame Only)

Right Door (Axiohm Printer)

Axiohm Printer Assembly

Right Door Assembly (Panasonic Printer)

Light Box Assembly (Standard Credit/Debit)

Center Door Assembly

Standard Credit

Standard Debit

Light Box Assembly (Mono Credit/Debit)

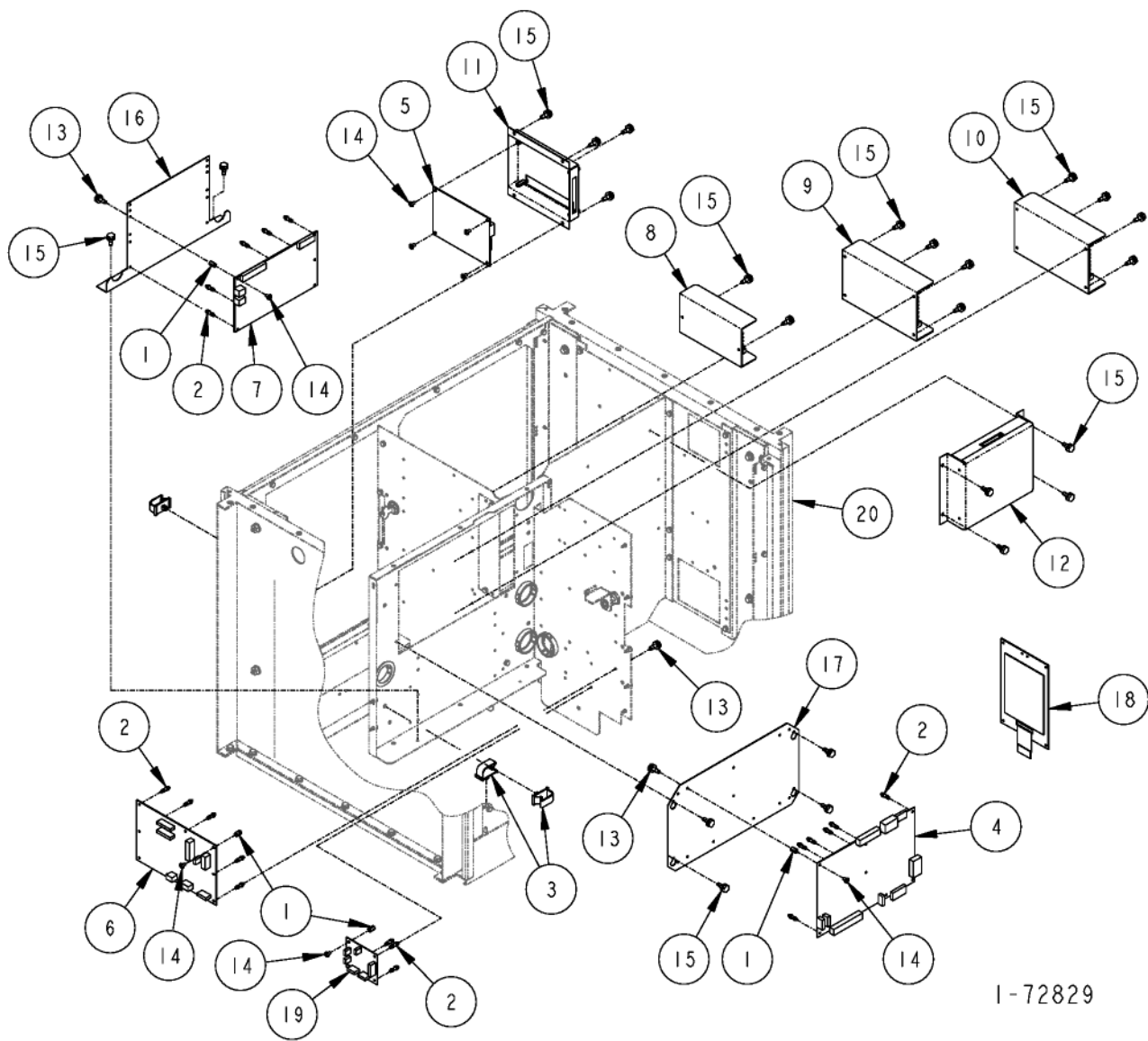
Center Door Assembly

Mono Credit Graphics

Mono Debit Graphics

Touch Pad Door Panels

ELECTRONICS ENCLOSURE ASSEMBLY NARROW FRAME

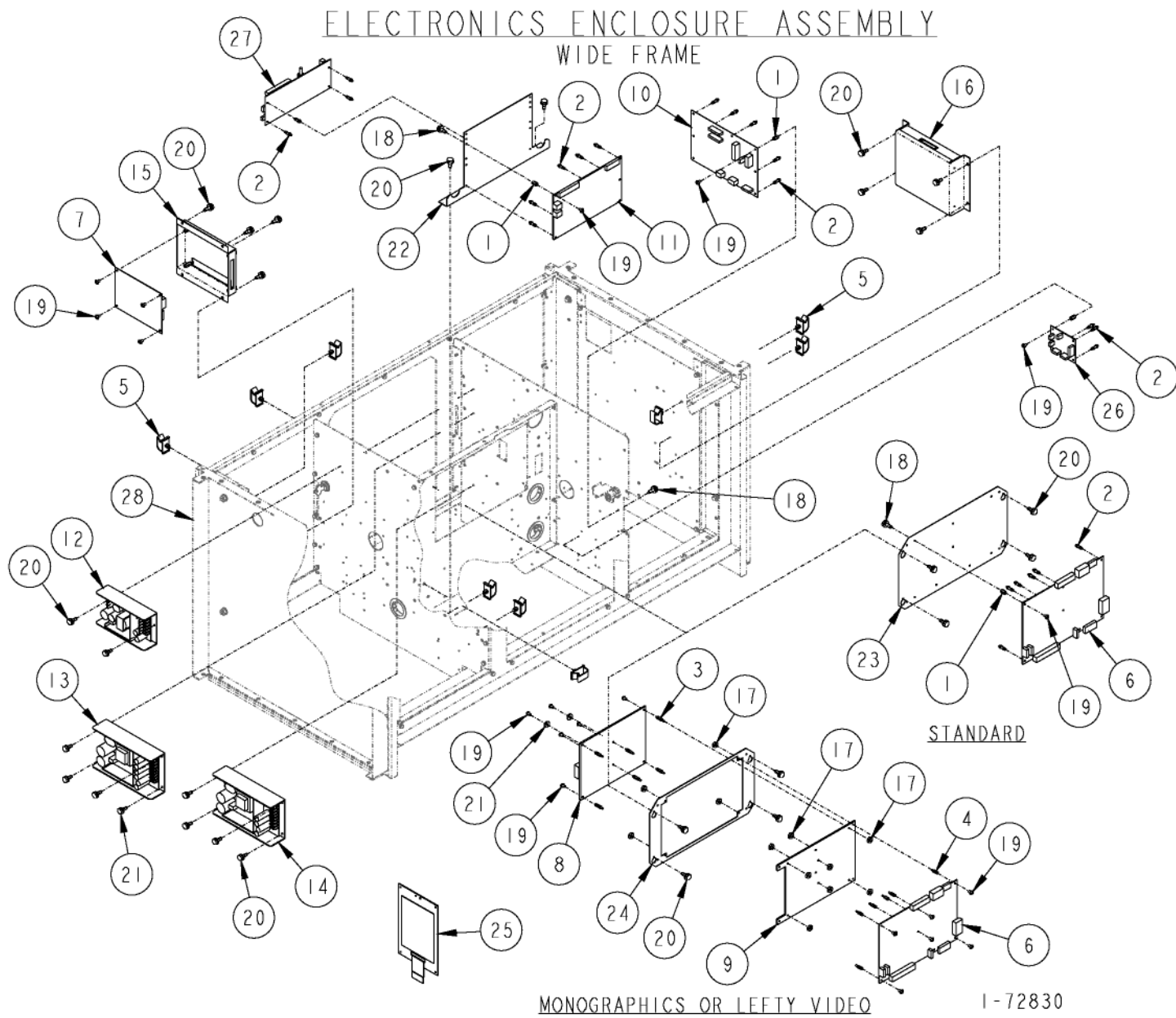


1-72829

ELECTRONICS ENCLOSURE ASSEMBLY

NARROW FRAME

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	0120203	Aluminum Standoff	12	Intrinsically Safe Barrier	
2	0120242	Plastic Standoff	2600198-1	1	Hose per side
3	0120260	Wire Strain Relief	2600198-2	2	Hoses per side
4	1400297	CPU Main Board	2600198-3	3	Hoses per side
5	1400302	Product Blend Circuit Board	2600198-4	4	Hoses per side
6	Power Distribution Board		13	4003024	#6-32 x 1/4" Long Screw
	1400320-1	Standard "used on noncardsmart preset, card smart, standard debit"	14	4003025	#6-32 x 1/4" Long Screw
	1400320-2	Expanded	15	4003582	#8-32 x 3/8" Long Screw
7	Relay Circuit Board		16	8801030	Relay Board Mounting Bracket
	1400324-1	1 Product	17	8801199	Main Board Mounting Bracket
	1400324-2	2 Product	18	0080074-002	Programmers Touch Pad Assembly
	1400324-3	3 Product	19	1400317	Vapor Recovery Board
	1400324-4	4 Product	20	For parts callout of Center Enclosure Assembly see	
8	2010090	Blender Power Supply			
9	2010082	Logic Power Supply			
10	2010083	Printer Power Supply			
11	2400221	Product Blend Board Assembly (Includes item #5)			

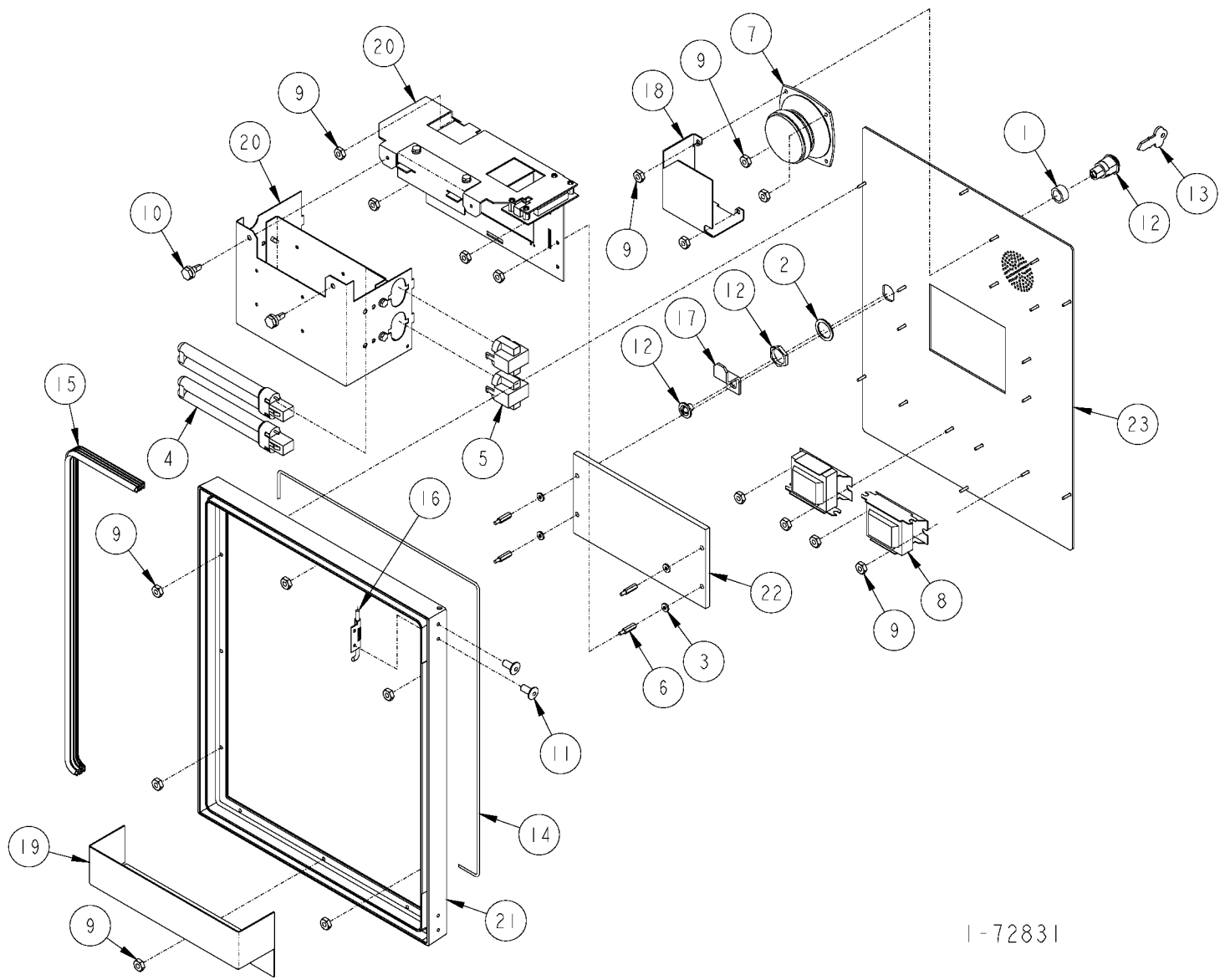


1-72830

ELECTRONICS ENCLOSURE ASSEMBLY**WIDE FRAME**

ITEM PART NO. NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
		15	2400221	Product Blend Board Assembly (Includes Item #7)
1	0120203 Aluminum Standoff			
2	0120242 Plastic Standoff			
3	0120257 Aluminum Standoff	16		Intrinsically Safe Barrier
4	0120258 Aluminum Standoff		2600198-1	1 Hose per side
5	0120260 Wire Strainer		2600198-2	2 Hoses per side
6	1400297 CPU Main Board		2600198-3	3 Hoses per side
7	1400302 Product Blend Board		2600198-4	4 Hoses per side
8	1400304 Video Circuit Board			
9	1400311 Adapter Circuit Board	17	30220062	#6-32 Kep Nut
10	<u>Power Distribution Board</u>	18	4003024	#6-32 x 1/4" Long Screw
	1400320-1 Standard "used on noncardsmart preset, card	19	4003025	#6-32 x 1/4" Long Screw
	smart, standard debit"	20	4003582	#8-32 x 3/8" Long Screw
	1400320-2 Expanded "used on monographics and lefty	21	4033040	Insulator Washer
	video"	22	8801030	Relay Board Mounting Bracket
		23	8801199	Main Board Mounting Bracket (Standard, used on noncardsmart preset, card
11	<u>Relay Circuit Board</u>	24	8801211	Main Board/Video Mounting Bracket (Monographics or Lefty Video)
	1400324-1 1 Product	25	0080074-002	Programmers Touch Pad Assembly
	1400324-2 2 Product	26	1400317	Vapor Recovery Board
	1400324-3 3 Product	27	1400319	Audio Board (Lefty Video)
	1400324-4 4 Product	28		For parts call out of Center Enclosure Assembly see 72824
12	2010090 Blender Power Supply			
13	2010082 Logic Power Supply			
14	2010083 Printer Power Supply			
ITEM PART				

LEFTY VIDEO DOOR ASSEMBLY

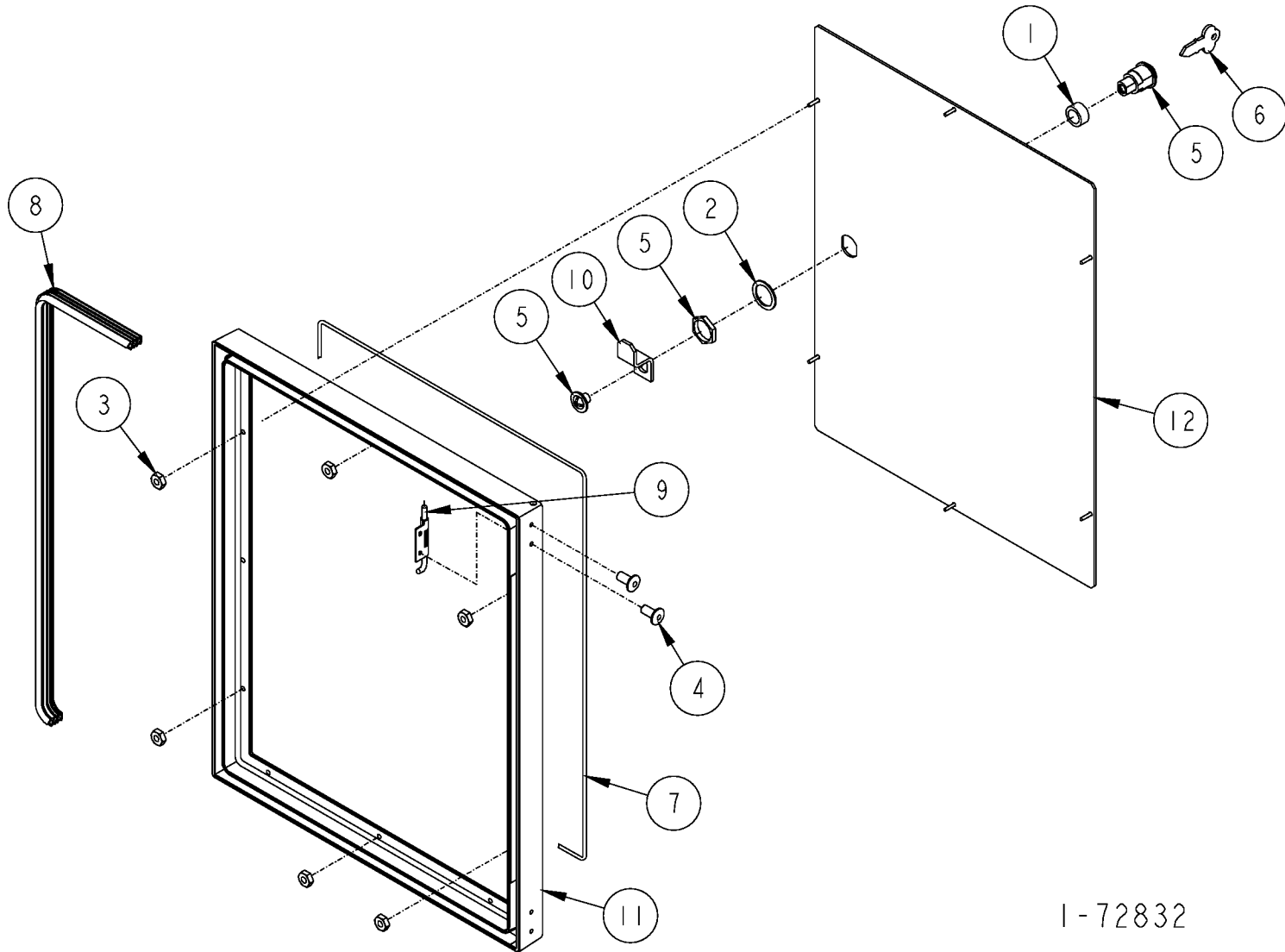


1-72831

LEFTY VIDEO DOOR ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION
1	S-912-2	Nylon Spacer
2	S-912-3	Nylon Washer
3	53-00600	Plastic Washer
4	0070473	Light
5	0070474	Lamp Holder
6	0120258	Standoff
7	1411084	Speaker
8	1411085	Transformer
9	30220062	#6-32 Kep Nut
10	4003518	#8-32 x 1/4" Long
11	1-128281	Pop Rivet
12	4110175	Lock (Includes item
13		Key
14	1-233680	Gasket
15	1-233681	Gasket
16	4180003	Door Hinge
17	8801175	Lock Lever
18	8801246	Speaker Cover
19	8801325	Transformer Cover
20	2400245	Video Board Assembly
21	8900864	Door Frame
22	8900939	Lens
23	8900973	Video Door Insert

LEFT ACCESS DOOR ASSEMBLY (WIDE FRAME ONLY)



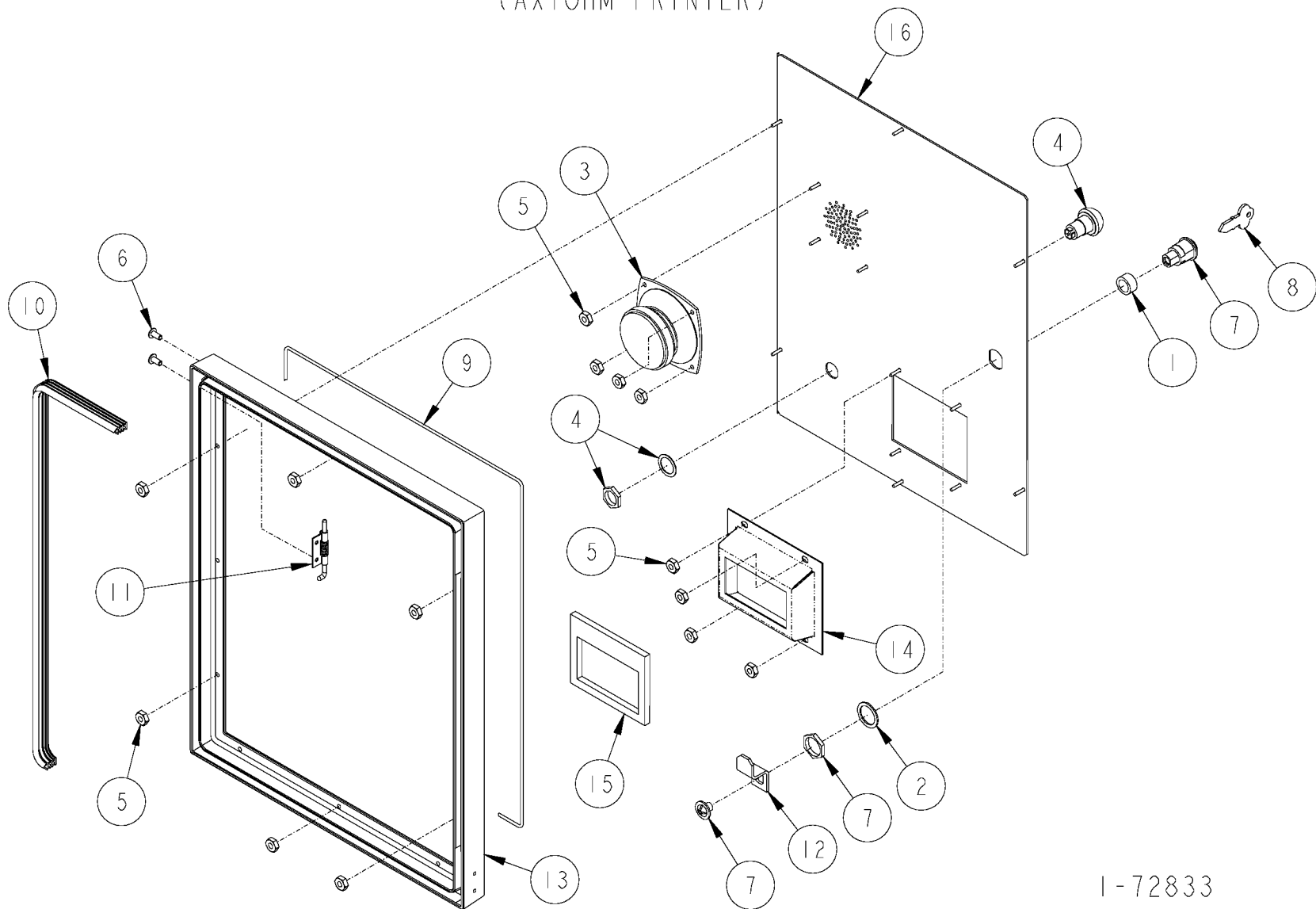
1-72832

LEFT ACCESS DOOR ASSEMBLY (WIDE FRAME ONLY)

ITEM NO.	PART NO.	DESCRIPTION
1	S-912-2	Nylon Spacer
2	S-912-3	Nylon Washer
3	30220062	#6-32 Kep Nut
4	1-128281	Pop Rivet
5	4110175	Lock (Includes item
6		Key
7	1-233680	Gasket
8	1-233681	Gasket
9	4180003	Door Hinge
10	8801175	Lock Lever
11	8900864	Door Frame
12	8900969	Door Plate

For complete Access Door Assembly order 8900978

RIGHT DOOR ASSEMBLY (AXIOHM PRINTER)

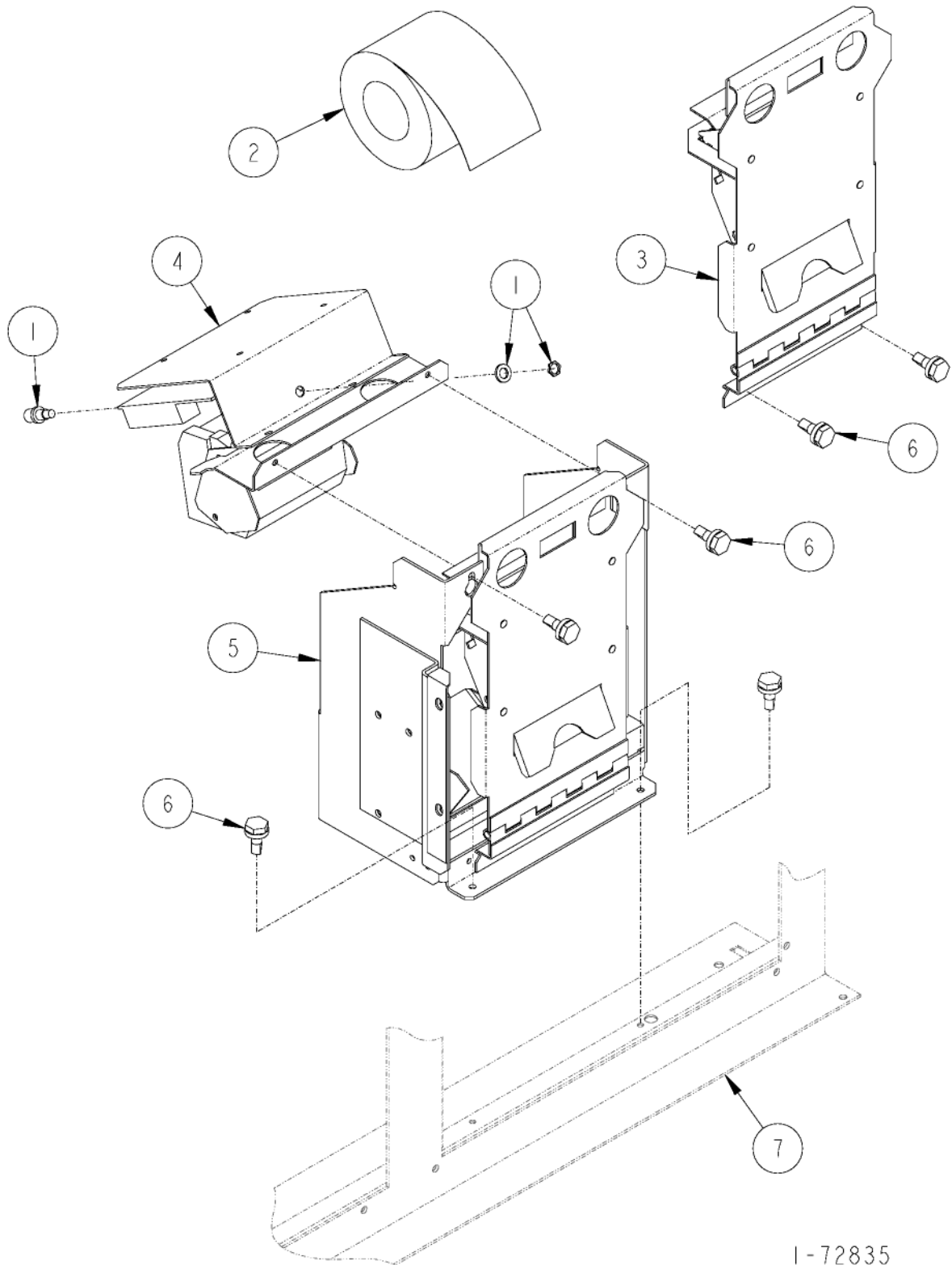


1-72833

RIGHT DOOR ASSEMBLY (AXIOHM PRINTER)

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	S-912-2	Nylon Spacer	16	<u>Door Panel</u>	
2	S-912-3	Nylon Washer		8900969	Blank
3	1411084	Speaker		8900971	Printer/speaker
4	1411152	Call Button		8900972	Printer
5	30220062	#6-32 Kep Nut		8900974	Speaker
6	1-128281	Pop Rivet		8901028	Speaker/call
7	4110175	Lock (Includes item #8)		8901030	Printer/speaker/call
8		Key		8901032	Call
9	1-233680	Gasket		8901034	Printer/call
10	1-233681	Gasket			
11	4180002	Door Hinge			
12	8801175	Lock Lever			
13	8900864	Door Frame			
14	8801176	Printer Bezel			
15	4160026	Printer Cushion			

AXIOHM PRINTER ASSEMB



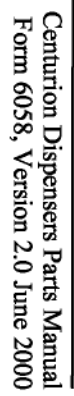
1-72835

AXIOHM PRINTER ASSEMBLY

ITEM PART		DESCRIPTION
NO.	NO.	
1	22-00695-00	Switch
2	5-230492	Paper Roll (case)
3	2400215	Printer Door Assembly
4	2400230	Printer Head Assembly
5	2400241	Printer Door & Housing Assembly (Includes item #3)
6	4003582	#8-32 x 3/8" Long Screw
7	For parts callout of Center Enclosure Assembly see	

RIGHT DOOR ASSEMBLY (PANASONIC PRINTER)

ITEM PART			ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	S-912-2	Nylon Spacer	16 Door Panel (Continued)			Panasonic Printer Kit for		
2	S-912-3	Nylon Washer	16 Stud Mounting (1st Design)			replacement of Axiohm Printer		
3	1411084	Speaker	8901401-5		Printer	"16 Stud mounting" (1st Design)		
4	1411152	Call Button	8901401-6		Printer/speaker	Standard Textured Black.		
5	2010119	Panasonic Printer	8901401-7		Printer/call	2990142-9		Printer
6	1-233712	Paper	8901401-8		Printer/speaker/call	2990142-10		Printer/speaker
7	30220062	#6-32 Kep Nut	12 Stud Mounting (3rd Design)			2990142-11		Printer/call
8	1-128281	Pop Rivet	8901401-9		Printer	2990142-12		Printer/speaker/call
9	4110175	Lock (Includes key)	8901401-10		Printer/speaker	Painted or Graphic Decal		
10		Key	8901401-11		Printer/call	2990142-13		Printer
11	1-233680	Gasket	8901401-12		Printer/speaker/call	2990142-14		Printer/speaker
12	1-233681	Gasket	Panasonic Printer Kit for			2990142-15		Printer/call
13	4180002	Door Hinge	replacement of Axiohm Printer			2990142-16		Printer/speaker/call
14	8801175	Lock Lever	"6 Stud mounting" (2nd Design)			For complete Right Door Assy		
15	8900864	Door Frame	Standard Textured Black.			2400272		Printer/speaker
16	Door Panel		2990142-1		Printer	2400273		Printer
	8900969	Blank	2990142-2		Printer/speaker	2400274		Printer/speaker/call
	8900974	Speaker	2990142-3		Printer/call	2400275		Printer/call
	8901028	Speaker/call	2990142-4		Printer/speaker/call	8900983		Speaker
	6 Stud Mounting (2nd Design)		Painted or Graphic Decal			8900984		Blank
	8901401-1	Printer	2990142-5		Printer	8901029		Speaker/call
	8901401-2	Printer/speaker	2990142-6		Printer/speaker	8901033		Call
	8901401-3	Printer/call	2990142-7		Printer/call			
	8901401-4	Printer/speaker/call	2990142-8		Printer/speaker/call			

Tokheim Corporation
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1-72865

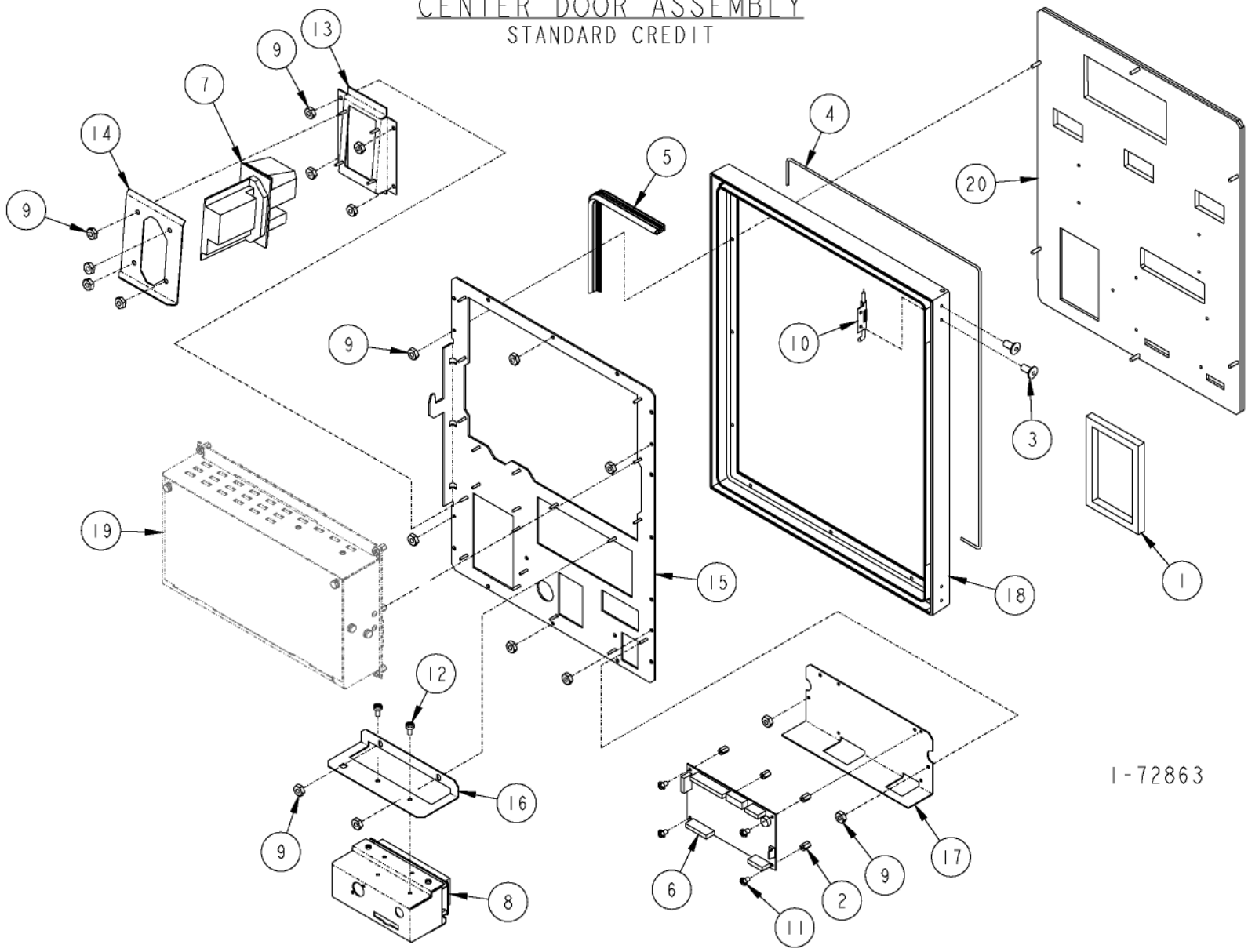
LIGHT BOX ASSEMBLY

STANDARD CREDIT SHOWN

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	0070473	Light Bulb	11 For parts call out of Center Door Assembly see:		
2	0070503	Light Socket	72863	Standard Credit	
3	0120266	Standoff	72864	Standard Debit	
4	1411100	Transformer			
5	Light Box Assembly (Includes all items except item #				1-72865
	<u>3, 10 & 11)</u>				
	2400260	120 Volt/60Hz			
	2400262	220 Volt/50Hz			
6	30220062	#6-32 Kep Nut			
7	4003100	#6-32 x 3/8" Long Screw			
8	4003582	#8-32 x 3/8" Long Screw			
9	8801170	Box Cover			
10	Customer Display Board				
1400313-1 1 Product 1400313-2 2 Product 1400313-3 3 Product 1400313-4 4 Product 1400313-5					
5 Product					

1-72865

CENTER DOOR ASSEMBLY STANDARD CREDIT



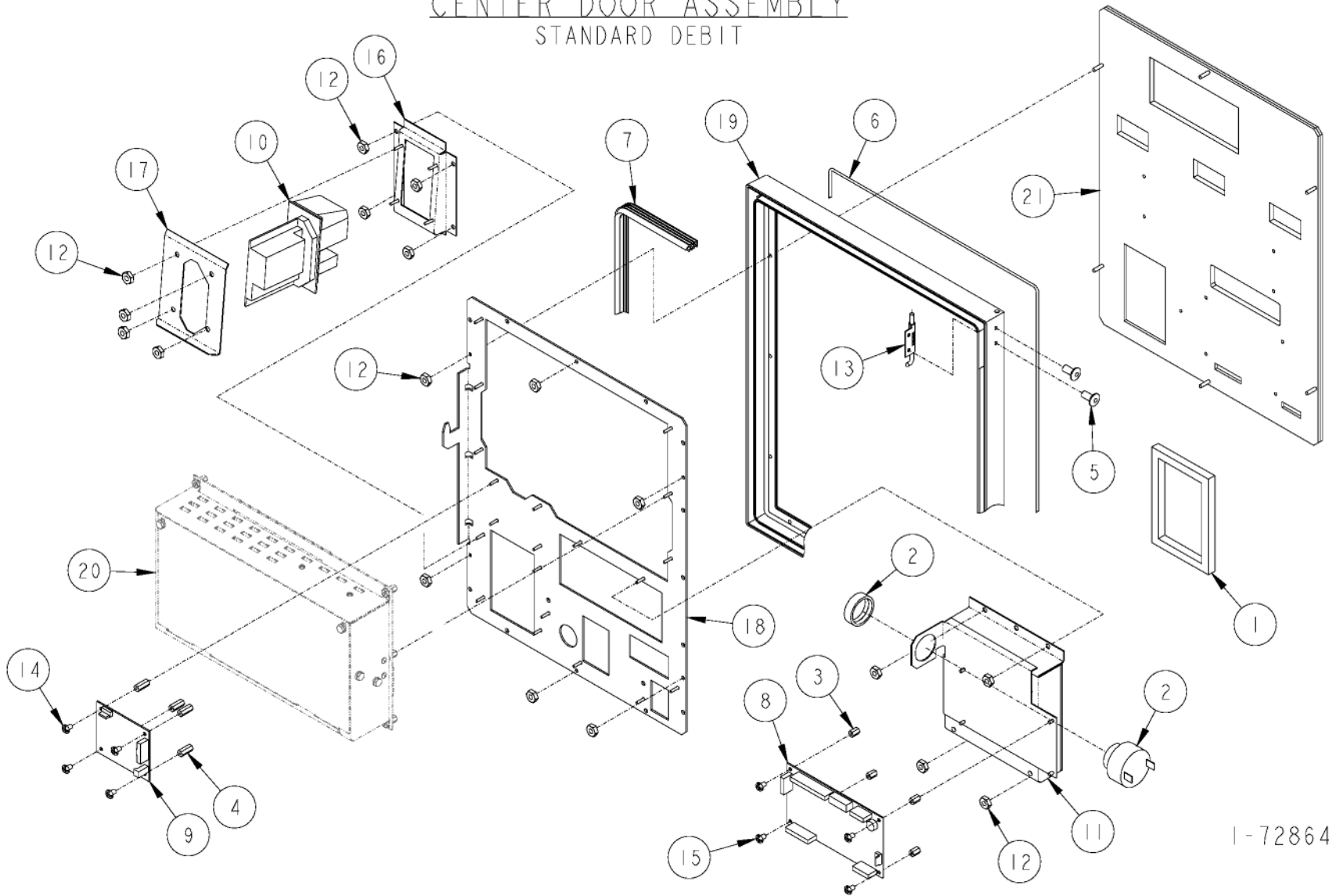
1-72863

CENTER DOOR ASSEMBLY

STANDARD CREDIT

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	50-00649	Gasket	17	8801342	EZ Bus Keypad Bracket
2	0120203	Standoff	18	8900864	Door Frame
3	1-128281	Pop Rivet	19	For parts call out of Light Box Assembly see 72865.	
4	1-233680	Gasket	20	For Touch Pad Door Panels see 72866. (Page 5-28)	
5	1-233681	Gasket			
6	1400314	Board			
7	2010089	Card Reader			
8	Customer Display Assembly				
	2400218	Without Heater			
	2400219	With Heater			
9	30220062	#6-32 Kep Nut			
10	4180003	Door Hinge			
11	4003025	#6-32 x 1/4" Long Screw			
12	4003132	#6-32 x 5/8" Long Screw			
13	8801077	Card Reader Angle Bracket			
14	8801078	Card Reader Backing Bracket			
15	8801258	Card Reader Mounting Bracket			
16	8801269	Customer Display Bracket			

CENTER DOOR ASSEMBLY STANDARD DEBIT



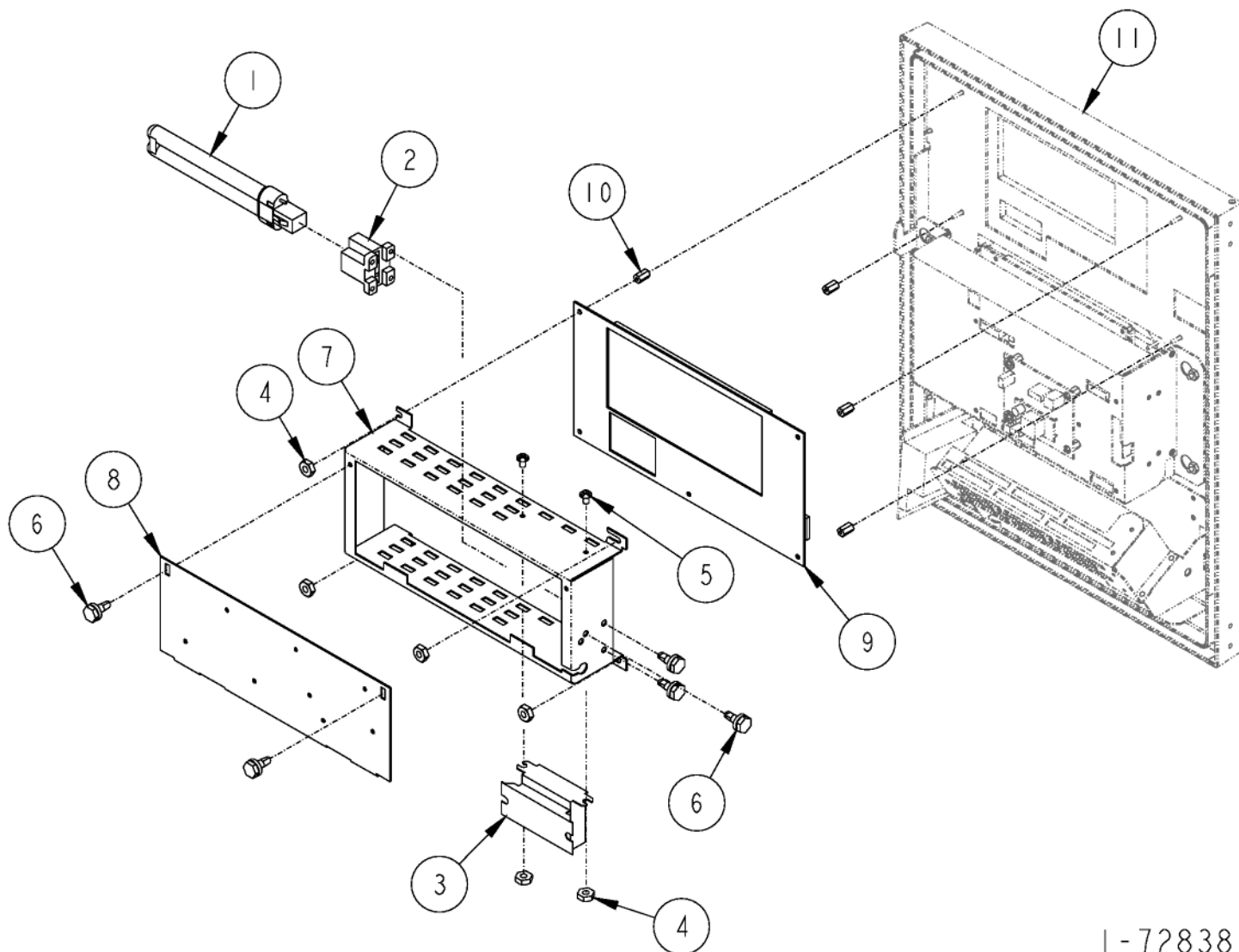
1-72864

CENTER DOOR ASSEMBLY

STANDARD DEBIT

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	50-00649	Gasket	11	Debit Module (Continued)	
2	0070158	Buzzer (Annunciator)	2400217-24	Quiktrip	
3	0120203	Standoff	2400217-26	Chevron	
4	0120246	Standoff	2400217-27	Phillips 66	
5	1-128281	Pop Rivet	2400217-28	Unocal	
6	1-233680	Gasket			
7	1-233681	Gasket	12	30220062	#6-32 Kep Nut
8	1400314	Board	13	4180003	Door Hinge
9	1400316	DPT Board	14	4003017	#6-32 x 3/16" Long Phillips Pan Head Screw
10	2010089	Card Reader	15	4003025	#6-32 x 1/4" Long Screw
11	Debit Module		16	8801077	Card Reader Angle Bracket
	2400217-12	Coastal	17	8801078	Card Reader Backing Bracket
	2400217-13	Texaco	18	8801258	Card Reader Mounting Bracket
	2400217-14	Shell	19	8900864	Door Frame
	2400217-15	Mobil	20	For parts call out of Light Box Assembly see 72865.	
	2400217-16	Diamond Shamrock	21	For Touch Pad Door Panels see 72866.	
	2400217-17	Citgo			
	2400217-18	Standard			
	2400217-19	Arco			
	2400217-20	Fina			
	2400217-21	Exxon			
	2400217-23	Gulf Coast			

LIGHT BOX ASSEMBLY

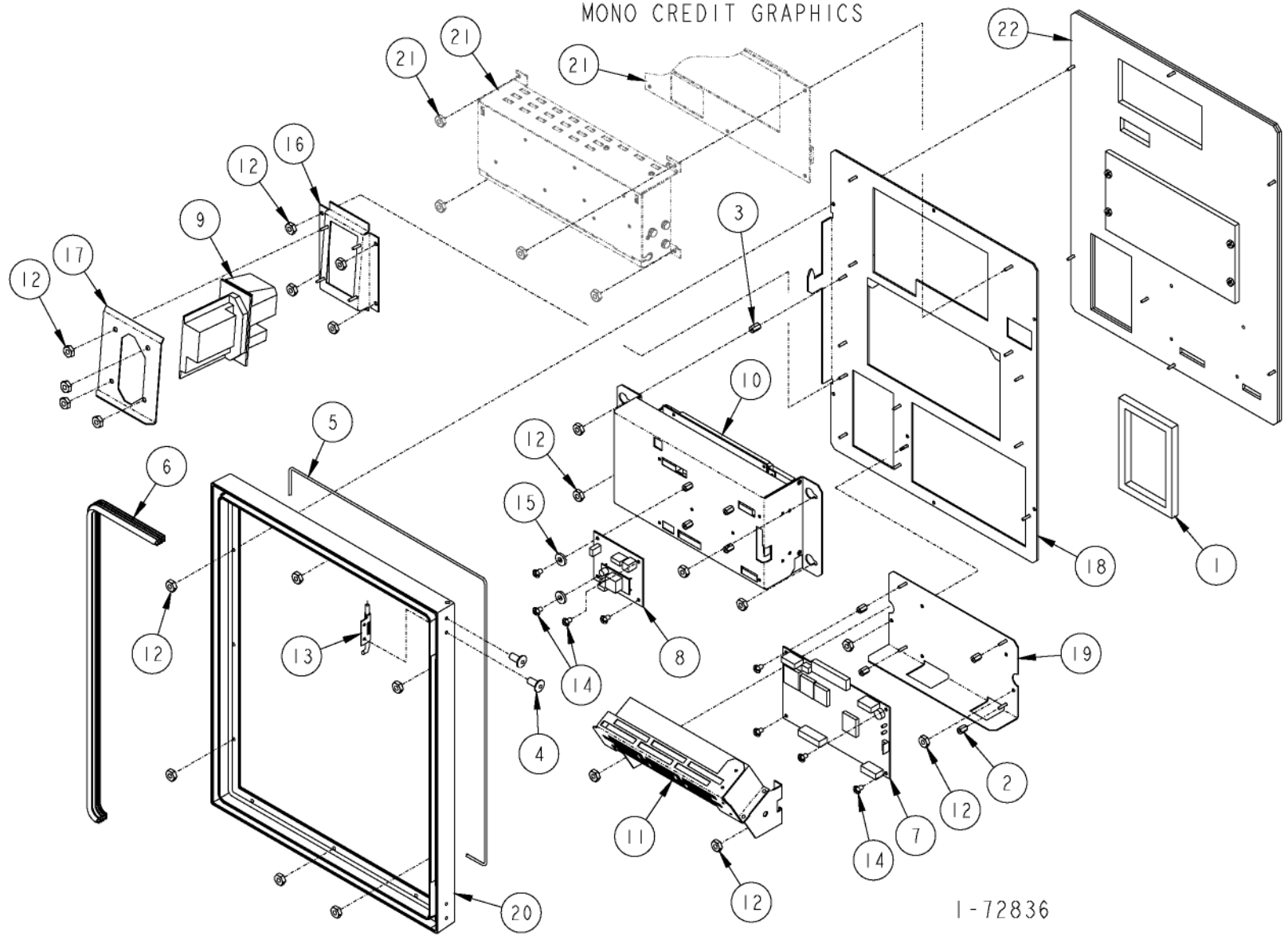


1-72838

LIGHT BOX ASSEMBLY

ITEM PART		
NO.	NO.	DESCRIPTION
1	0070473	Light Bulb
2	0070503	Light Socket
3	1411100	Transformer
4	30220062	#6-32 Kep Nut
5	4003100	#6-32 x 3/8" Long Screw
6	4003582	#8-32 x 3/8" Long Screw
7	8801290	Light Box
8	8801291	Box Cover
9	1400331-2	Customer Display Board
10	0120266	Standoff
11	For parts call out of Mono Graphics Door	
	72836	Credit
	72837	Debit

CENTER DOOR ASSEMBLY MONO CREDIT GRAPHICS



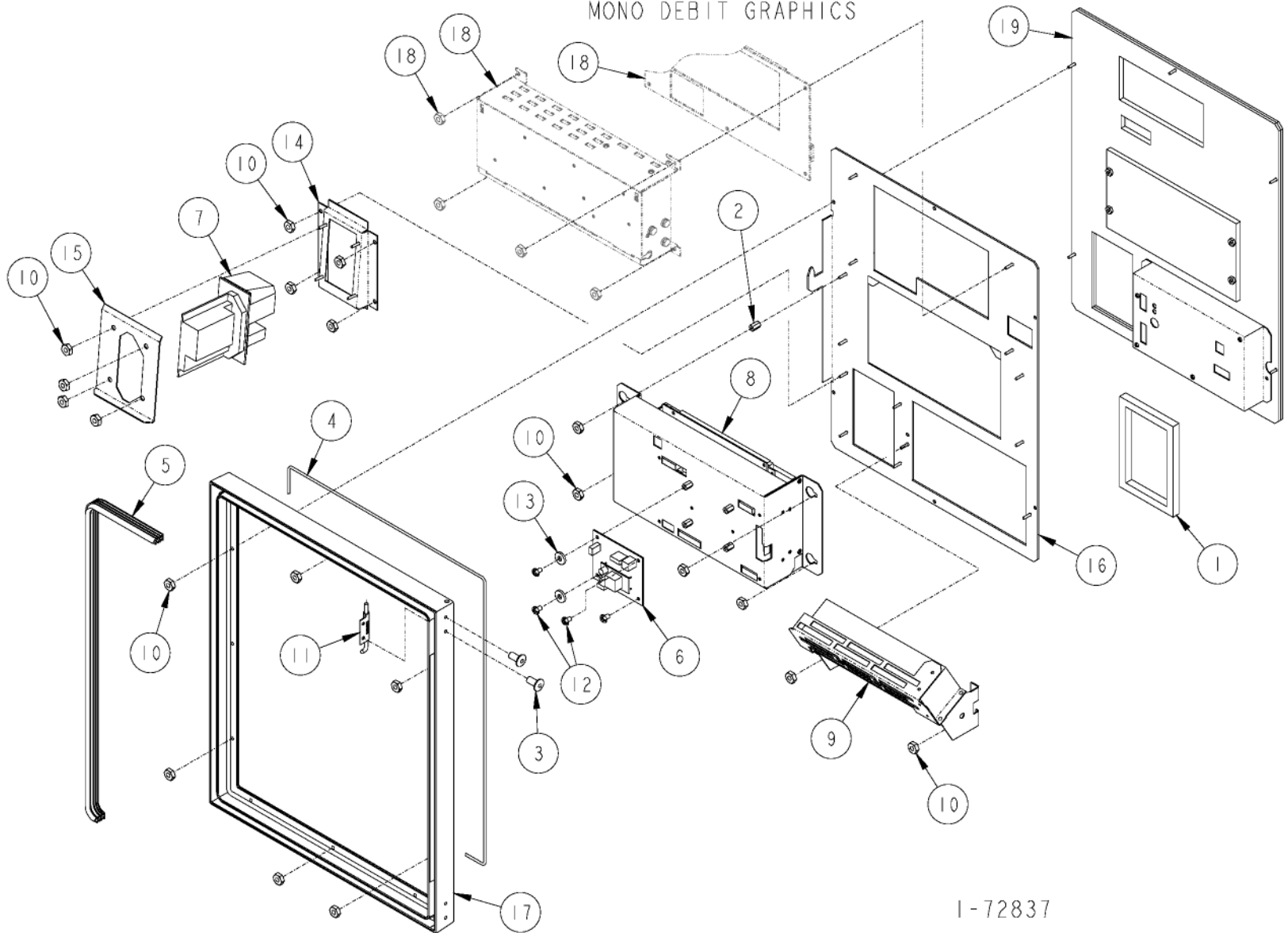
1-72836

CENTER DOOR ASSEMBLY

MONO CREDIT GRAPHICS

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	50-00649	Gasket	21	<u>For parts call out of Light Box Assembly see 72838.</u>	
2	0120203	Standoff	22	<u>Touch Pad</u>	
3	0120266	Standoff		<u>0080130-XXX</u>	
4	1-128281	Pop Rivet		<u>For Tokheim internal use only Complete Mono 2400247.</u>	
5	1-233680	Gasket			
6	1-233681	Gasket			
7	1400325	Board			
8	1408006	Backlight Control Board			
9	2010089	Card Reader			
10	2400244	Mono Credit Display Assembly			
11	2400267	Fan Assembly (Includes Thermostat)			
	0070539	Thermostat			
12	30220062	#6-32 Kep Nut			
13	4180003	Door Hinge			
14	4003017	#6-32 x 3/16" Long Screw			
15	4003025	#6-32 x 1/4" Screw			
16	8801077	Card Reader Angle Bracket			
17	8801078	Card Reader Backing Bracket			
18	8801284	Back Plate			
19	8801299	Credit Board Bracket			
20	8900864	Door Frame			

CENTER DOOR ASSEMBLY MONO DEBIT GRAPHICS



1-72837

CENTER DOOR ASSEMBLY

MONO DEBIT GRAPHICS

ITEM PART			ITEM PART		ITEM PART	
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION	DESCRIPTION
1	50-00649	Gasket	9	2400267	Fan Assembly (Includes Thermostat)	19 Touch Pad/Debit Module Assembly
2	0120266	Standoff				2400254-002 Arco
3	1-128281	Pop Rivet		0070539	Thermostat	2400254-004 Chevron
4	1-233680	Gasket				2400254-005 Citgo
5	1-233681	Gasket	10	30220062	#6-32 Kep Nut	2400254-006 Coastal
6	1408006	Backlight Control Board	11	4180003	Door Hinge	2400254-008 Diamond Shamrock
7	2010089	Card Reader	12	4003017	#6-32 x 3/16" Long Screw	2400254-009 Exxon
8	2400255	Mono Debit Display Assembly	13	4003025	Plastic Washer	2400254-010 Fina
	2400255-002 Arco		14	8801077	Card Reader Angle Bracket	2400254-011 Standard
	2400255-004 Chevron		15	8801078	Card Reader Backing Bracket	2400254-014 Mobil
	2400255-005 Citgo		16	8801284	Back Plate	2400254-016 Quiktrip
	2400255-006 Coastal		17	8900864	Door Frame	2400254-019 Shell
	2400255-008 Diamond Shamrock		18	For parts call out of Light Box		2400254-021 Texaco
	2400255-009 Exxon			Assembly see 72838		2400254-043 Gulf Coast
	2400255-010 Fina					For Tokheim internal use only:
	2400255-011 Standard					2400248 Complete Mono Debit
	2400255-014 Mobil					
	2400255-016 Quiktrip					
	2400255-019 Shell					
	2400255-021 Texaco					
	2400255-043 Gulf Coast					

TOUCH PAD DOOR PANELS

Centurion Dispensers

(Refer to description to determine part number for appropriate touch pad configuration.)

PART

NO.

DESCRIPTION

Centurion Dispensers before April 1, 1997 (16 Stud to 6 Stud Conversion Kit)

2990137-NCS	Non-Cardsmart
2990137-CDT	Credit
2990137-DBT	Debit

Centurion Dispensers built on or after April 1, 1997

0080124-001	Multi Hose 1 Product, 1 Price, Non-Cardsmart
0080124-002	Multi Hose 2 Product, 1 Price, Non-Cardsmart
0080124-003	Multi Hose 3 Product, 1 Price, Non-Cardsmart
0080124-004	Multi Hose 4 Product, 1 Price, Non-Cardsmart
0080125-002	Single Hose 2 Product, 1 Price, Non-Cardsmart
0080125-003	Single Hose 3 Product, 1 Price, Non-Cardsmart
0080125-004	Single Hose 4 Product, 1 Price, Non-Cardsmart
0080125-005	Single Hose 5 Product, 1 Price, Non-Cardsmart
0080126-001	Multi Hose 1 Product, 1 Price, Preset Option
0080126-002	Multi Hose 2 Product, 1 Price, Preset Option
0080126-003	Multi Hose 3 Product, 1 Price, Preset Option
0080126-004	Multi Hose 4 Product, 1 Price, Preset Option
0080127-002	Single Hose 2 Product, 1 Price, Preset Option
0080127-003	Single Hose 3 Product, 1 Price, Preset Option
0080127-004	Single Hose 4 Product, 1 Price, Preset Option
0080127-005	Single Hose 5 Product, 1 Price, Preset Option
0080128-001	Multi Hose 1 Product, 1 Price, Cardsmart & Debit Multi
0080128-002	Hose 2 Product, 1 Price, Cardsmart & Debit Multi
0080128-003	Hose 3 Product, 1 Price, Cardsmart & Debit Multi
0080128-004	Hose 4 Product, 1 Price, Cardsmart & Debit Single
0080129-002	Hose 2 Product, 1 Price, Cardsmart & Debit Single
0080129-003	Hose 3 Product, 1 Price, Cardsmart & Debit Single
0080129-004	Hose 4 Product, 1 Price, Cardsmart & Debit Single
0080129-005	Hose 5 Product, 1 Price, Cardsmart & Debit

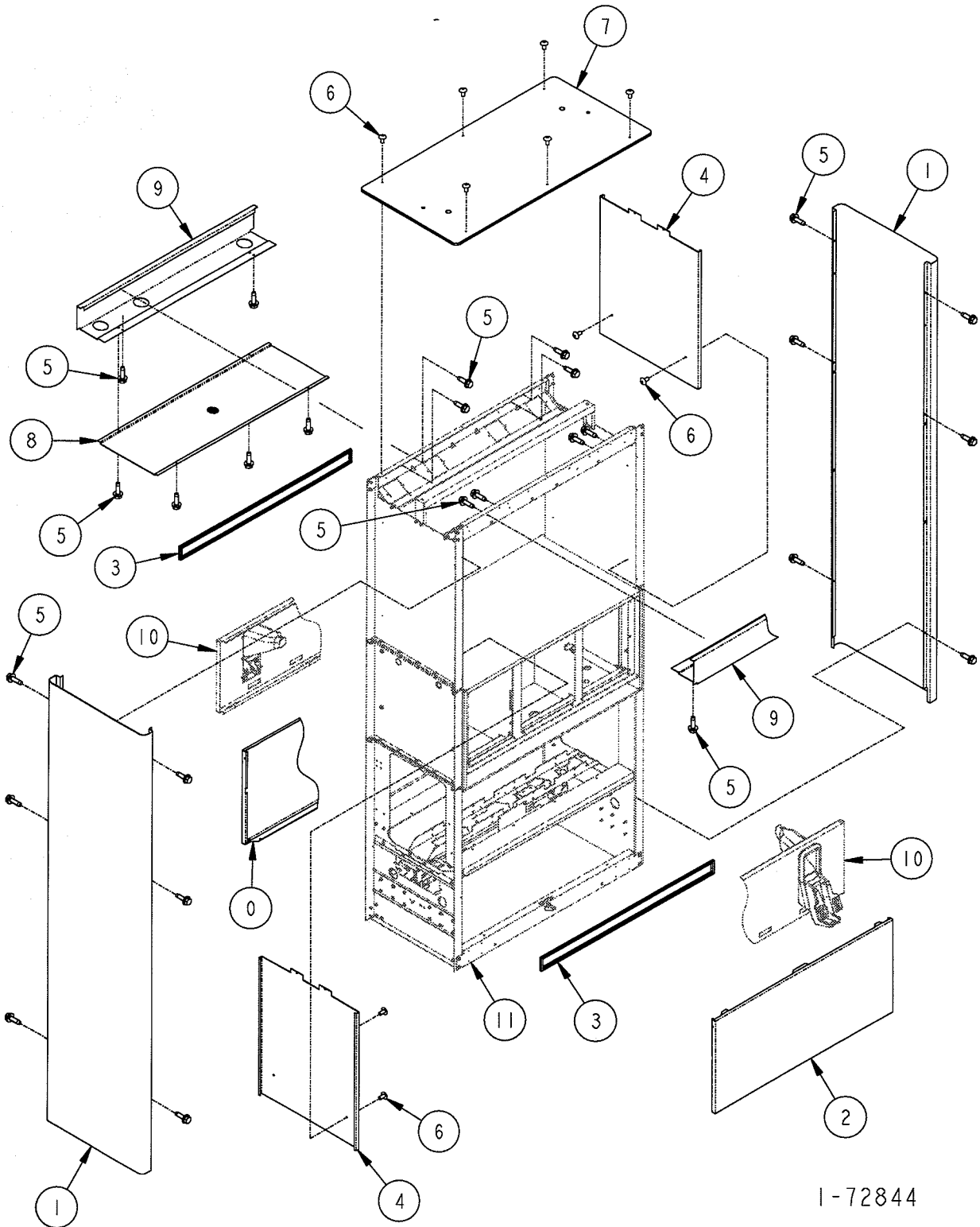
Section Two

Centurion Parts Manual • All Models

Outer Shell

	Page Number
Trim Assembly	2-2, 2-3
Nozzle Well and Nozzle Well Body	
Prior to August 1996	2-4, 2-5
August 1996 & April 1997 to present	2-6, 2-7
Lower Frame Assembly	
Remote Control	2-8, 2-9
Suction	2-10, 2-11
End Panel Assembly	2-12, 2-13
Enclosure Support Assembly	2-14, 2-15
Center Enclosure Assembly	
Wide Frame	2-16, 2-17
Narrow Frame	2-18, 2-19
Canopy Assembly	2-20, 2-21

TRIM ASSEMBLY (WIDE FRAME SHOWN)



1-72844

EXTERIOR TRIM PANELS

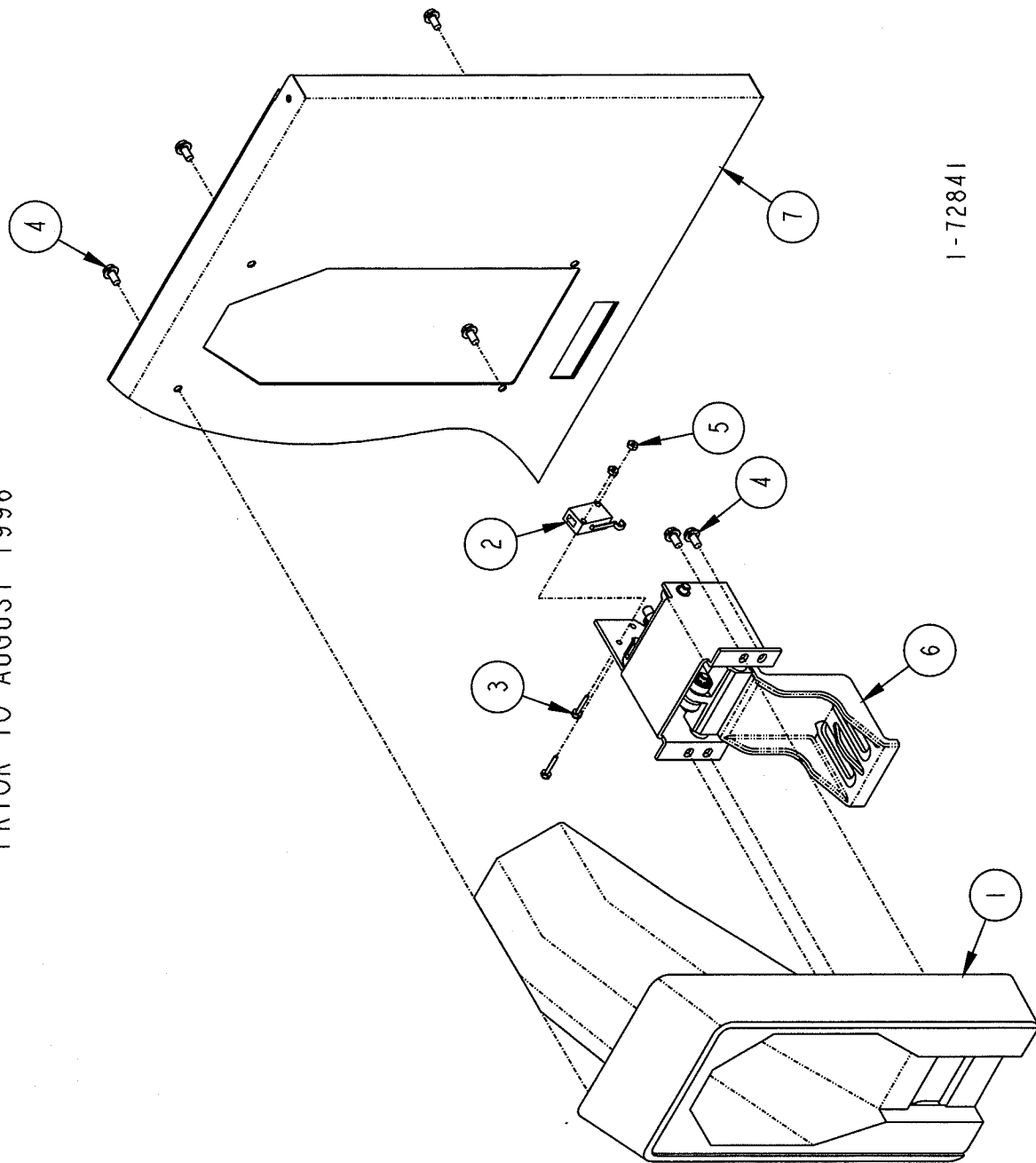
CENTURION WIDE & NARROW FRAME DISPENSERS

ITEM NO.	PART NO.	DESCRIPTION	ITEM NO.	PART NO.	DESCRIPTION
1	<u>Side Panel</u>		9	<u>Canopy Panel (Wide Frame)</u>	
	8900852	Stainless Steel		8900850	Painted (3 Hose)
	8900988	Painted		8900874	Painted (1 Hose)
2	<u>Lower Door (Wide Frame)</u>			8900934	Painted (2 Hose)
	8900854	Painted		8900947	Painted (4 Hose)
	8900951	Stainless Steel		8900953	Stainless Steel (3 Hose)
	<u>Lower Door (Narrow Frame)</u>			8900954	Stainless Steel (2 Hose)
	8900908	Painted		8900955	Stainless Steel (1 Hose)
	8900987	Stainless Steel		8900962	Painted (0 Hose)
3	<u>Rail Frame (Wide Frame)</u>			8901068	Stainless Steel (0 Hose)
	8801143	Lighted		<u>Canopy Panel (Narrow Frame)</u>	
	8801103	Non-Lighted		8900905	Painted (2 Hose)
	<u>Rail Frame (Narrow Frame)</u>			8900906	Painted (1 Hose)
	8801238	Lighted		8901041	Stainless Steel (2 Hose)
	8801237	Non-Lighted		8901042	Stainless Steel (1 Hose)
4	8900855	Inside Riser Cover		8900963	Painted (0 Hose)
5	4004062	#10-24 x 3/8" Long Flange Hex Head Self- Tapping Screw		8901043	Stainless Steel (0 Hose)
6	4004067	#10-32 x 3/8" Long Machine Screw	10	<u>For parts call out of Nozzle Boot & Nozzle Well Panel see:</u>	
7	<u>Canopy Top Cover</u>			72841	Prior to August 1996
	8900863	Wide Frame		72842	August 1996 & April 1997 to present
	8900912	Narrow Frame	11	<u>For parts call out of:</u>	
8	<u>Canopy Access Panel</u>			72824	Lower Frame Assembly
	8900851	Wide Frame		72825	Center Enclosure Assy. (Wide Frame)
	8900907	Narrow Frame		72828	Center Enclosure Assy. (Narrow Frame)
				72843	Canopy Assembly

1-72844

NOZZLE BOOT & NOZZLE WELL PANEL

PRIOR TO AUGUST 1996



1-72841

1-72841

NOZZLE BOOT ASSEMBLY

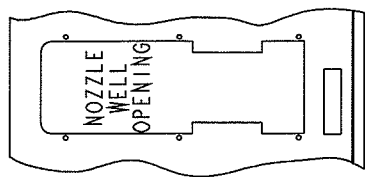
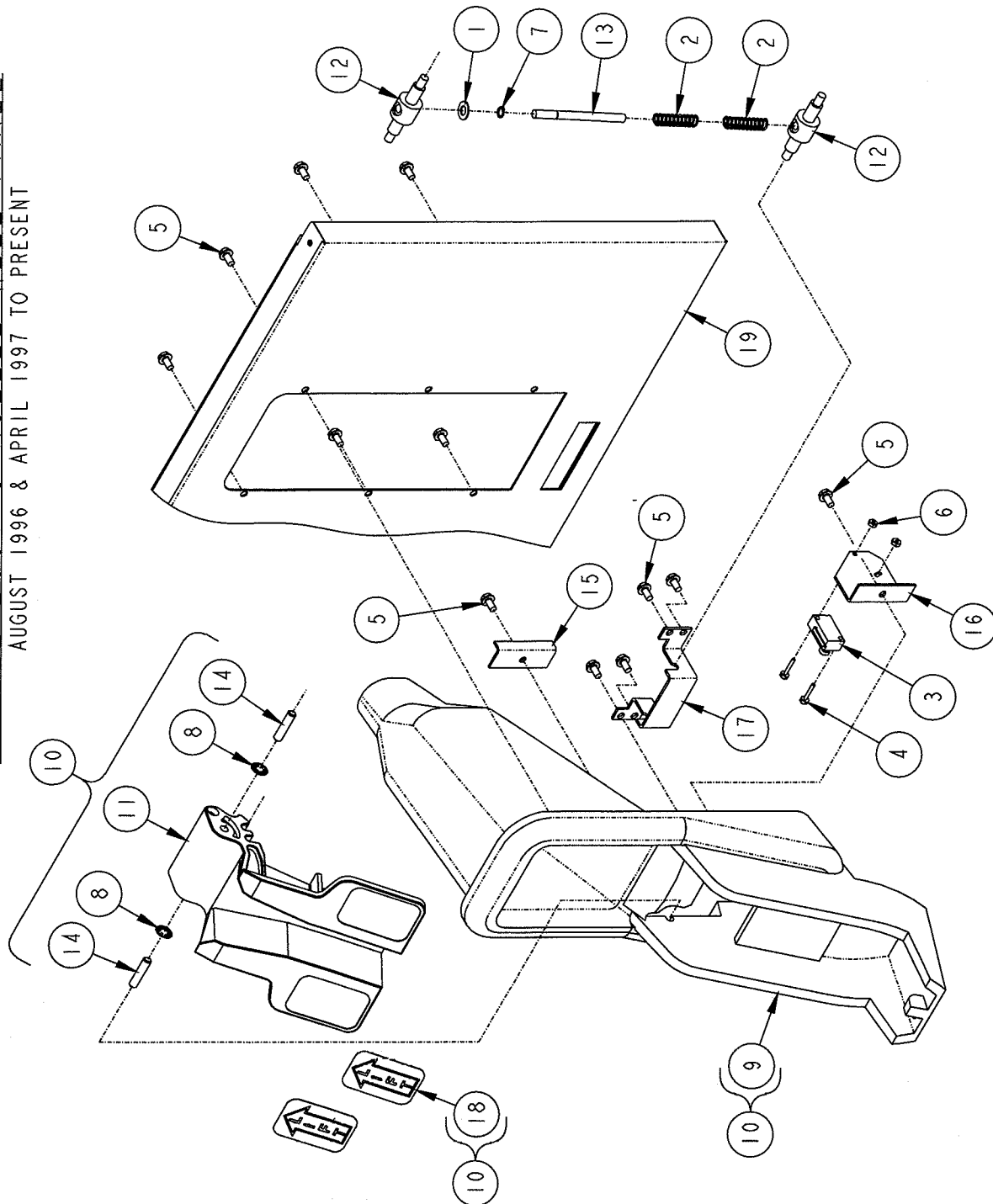
PRIOR TO AUGUST 1996

ITEM NO.	PART NO.	DESCRIPTION
1	K-115	Nozzle Boot
2	0080069	Switch
3	4002095	#4-40 x 5/8" Long Screw
4	4004077	Hex Head Self Tapping Screw
5	4022015	#4-40 Hex Nut
6	8600023	Switch Mechanism With Pivot Block & Lift Handle
7	<u>Nozzle Well Body Panel</u>	
	8900883	3 Hose (Wide Frame)
	8900884	1 Hose (Wide Frame)
	8900909	2 Hose (Narrow Frame)
	8900910	1 Hose (Narrow Frame)
	8900933	2 Hose (Wide Frame)
	8900944	4 Hose (Wide Frame)

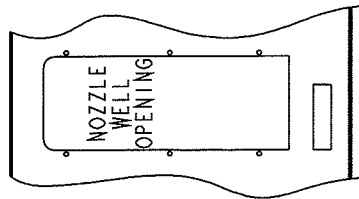
1-72841

NOZZLE BOOT & NOZZLE WELL PANEL

AUGUST 1996 & APRIL 1997 TO PRESENT



RELEASED
AUGUST 8, 1996



RELEASED
APRIL 4, 1997

1-72842

NOZZLE BOOT & NOZZLE WELL PANEL

AUGUST 1996 & APRIL 1997 TO PRESENT

1-72842

ITEM PART NO. NO.	DESCRIPTION	ITEM PART NO. NO.	DESCRIPTION	ITEM PART NO. NO.	DESCRIPTION
1	E-499 Washer	15	8600059 Hinge Pin Retainer	19	<u>Continued</u>
2	X-661-12 Spring	16	8600060 Switch Bracket		<u>Released April 4, 1997 (Narrow Frame)</u>
3	0080069 Microswitch	17	8600070 Bracket, Lift Handle	8900965	0 Hose
4	4002095 4-40 x 5/8" Long		Pivot Block (Lift to start only)	8901012	2 Hose
	Switch Mounting			8901013	1 Hose
5	4004077 Screw	18	8910885 Decal	8901051	2 Hose (2 totalizer windows, Tok 262 footprint)
	10-24 x 1/2" Long				
	Flange Hex Head Self-Tapping Screw	19	<u>Nozzle Well Body Panel</u>		
6	4022015 #4-40 Hex Nut		<u>Released August 8, 1996 (Wide Frame)</u>	8901052	1 Hose (1 totalizer window, Tok 262 footprint)
7	4051510 Retaining Ring	8900856	3 Hose	8901064	1 Hose (2 totalizer windows, Tok 262 footprint)
8	4051516 Retaining Ring	8900877	1 Hose		
9	8100325 Nozzle Well	8900945	4 Hose	8901274	1 Hose (1 totalizer window, Suction)
		8900946	2 Hose		
10	<u>Nozzle Well Assembly (Includes item # 8, 9, 10, 13 & 17)</u>		<u>Released April 4, 1997 (Wide Frame)</u>		
8600062	Lift to start	8900964	0 Hose		
8600063	Push to start	8901007	4 Hose		
		8901008	3 Hose		
		8901009	2 Hose		
		8901010	1 Hose		
11	<u>Nozzle Hanger Plastic</u>	8901011	1 Hose (Center mount nozzlewell)		
8600050	Type 2 (Standard)		<u>Released August 8, 1996 (Narrow Frame)</u>		
86000501	Type 1 (For vapor)				
12	8600055 Pivot Block, Lift Handle	8900949	2 Hose		
13	8600056 Pivot Shaft, Lift Handle	8900950	1 Hose		
14	8600057 Hinge Pin, Lift Handle				

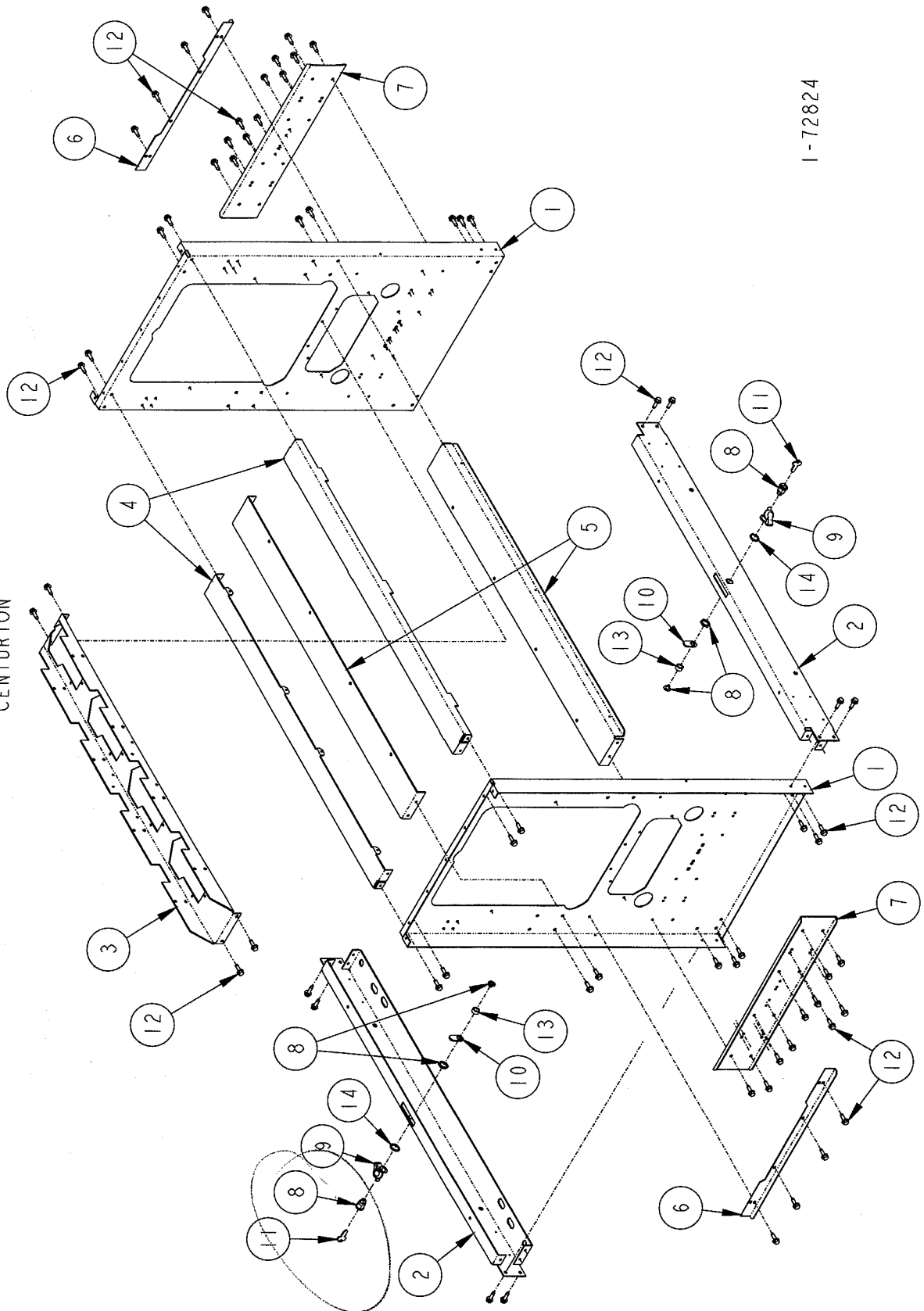
For complete Nozzle Well Body Assembly order:

Released April 4, 1997

8900996	1 Hose Right	Wide Frame
8900997	2 Hose	Wide Frame
8900998	3 Hose	Wide Frame
8900999	4 Hose	Wide Frame
8901235	1 Hose Center	Wide Frame
8901000	1 Hose	Narrow Frame
8901002	2 Hose	Narrow Frame
8901277		Narrow Frame (Suction)

1-72842

LOWER FRAME ASSEMBLY
CENTURION



I-72824

LOWER FRAME ASSEMBLY CENTURION

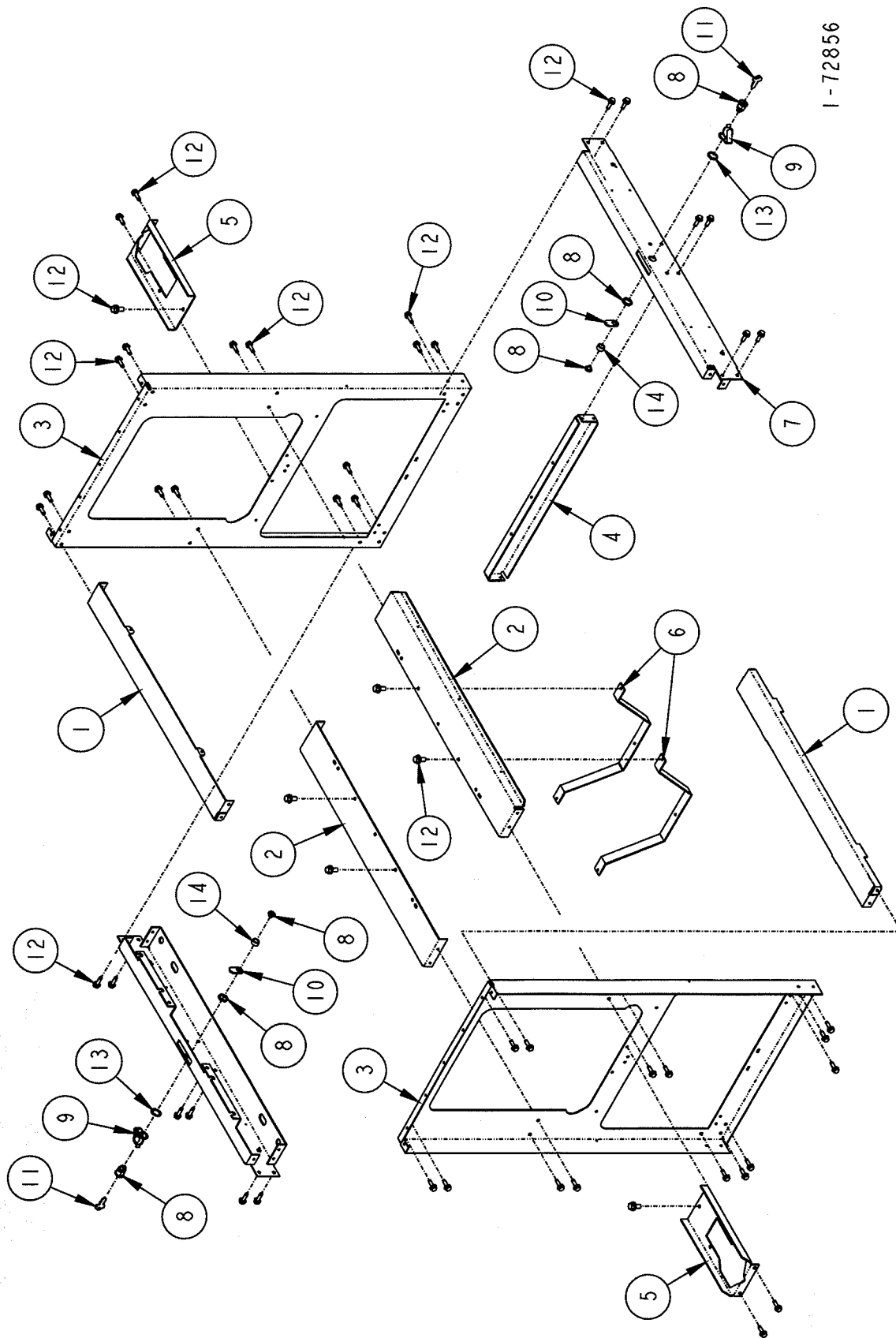
1-72824

ITEM PART		ITEM PART			
NO.	NO.	NO.	NO.		
DESCRIPTION		DESCRIPTION			
1	8200387	Lower Frame Channel	6	8200439	Lower Frame Reinforcement Angle (Franklin Assist only)
2	<u>Base Rail</u>		7	8200443	Lower Frame Reinforcement Channel (Franklin Assist only)
	8200389	Wide Frame	8	4110083	2-way Lock
	8200413	Narrow Frame	9	4180014	Lock Cover
3	<u>Vertical Casting Bracket</u>		10	G-1232-1	Lock Cam
	8200423	Wide Frame (Proir to 3/98)	11		Key
	8200424	Narrow Frame (Prior to 3/98)	12	4005047	1/4-20 x 3/4" Long Flange Hex Head Self- Tapping Screw
	8200441	Narrow Frame (Prior to 3/98)	13	S-912-2	Lock Washer
	8200442	Arco Narrow Frame (Prior to 3/98)	14	S-912-3	Lock Spacer
	8200456	Wide Frame (After 3/98)			
	8200457	Narrow Frame (After 3/98)			
	8200458	Tokheim 262			
	8200459	Tokheim 262-1&2-Twin			
4	<u>Vapor Barrier Support Bracket</u>				
	8200394	Wide Frame			
	8200415	Narrow Frame			
5	<u>Nozzle Well Body Support Bracket</u>				
	8200396	Wide Frame			
	8200417	Narrow Frame			

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1-72824

LOWER FRAME ASSEMBLY
CENTURION SUCTION



1-72856

1-72856

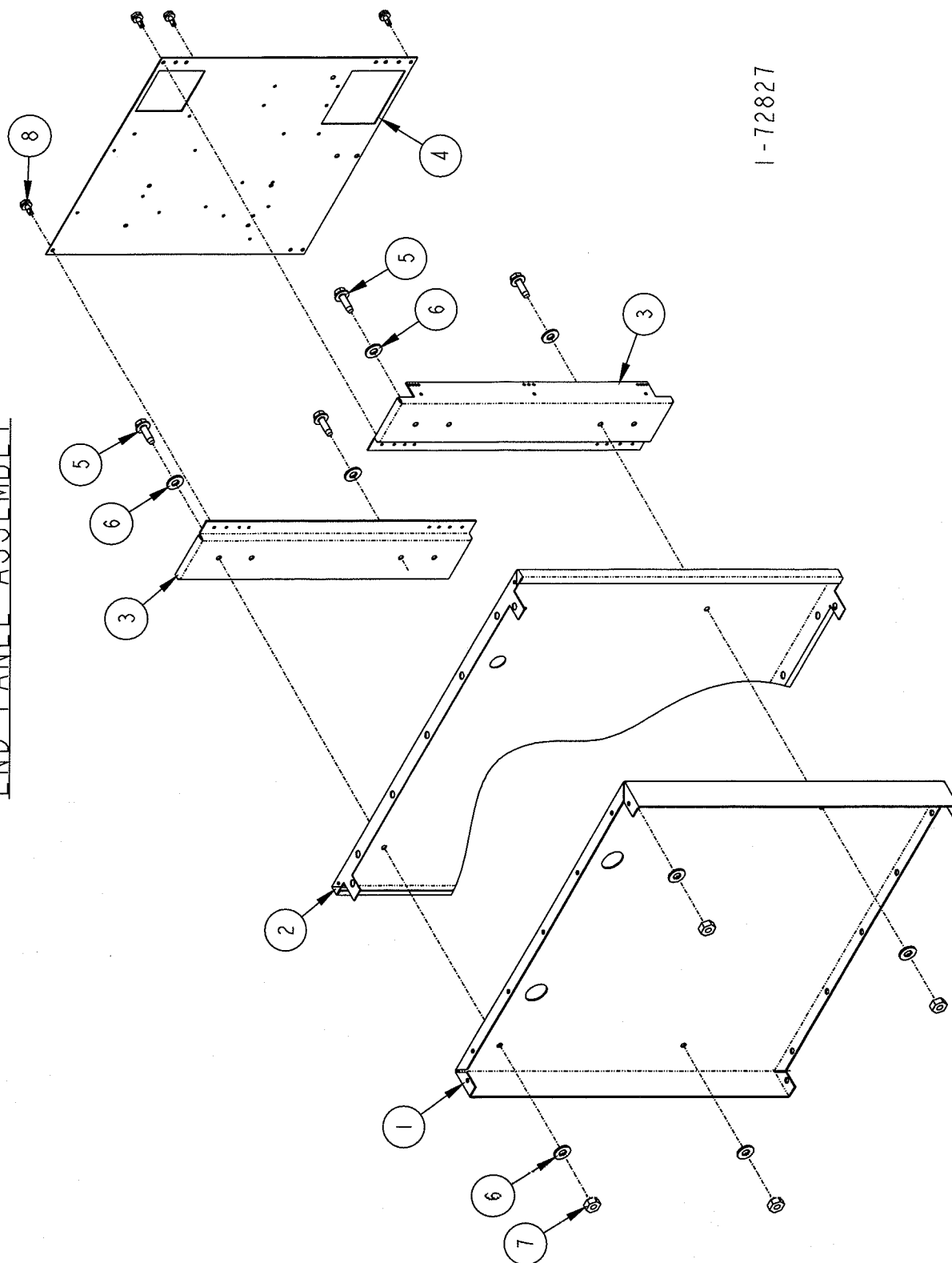
LOWER FRAME ASSEMBLY

CENTURION SUCTION

ITEM NO.	PART NO.	DESCRIPTION
1	8200415	Vapor Barrier Support Bracket
2	8200417	Nozzle Well Body Support Bracket
3	8200481	Lower Side Panel
4	8200488	Suction Base Bracket
5	8200496	Filter Casting Bracket
6	8200501	Filter Casting Bracket Support
7	8200502	Base Rail
8	4110083	2-way Lock
9	4180014	Lock Cover
10	G-1232-1	Lock Cam
11		Key
12	4005047	1/4-20 x 1/2" Long Flange Hex Head Self-Tapping Screw
13	S-912-2	Lock Washer
14	S-912-3	Lock Spacer

1-72856

END PANEL ASSEMBLY



1-72827

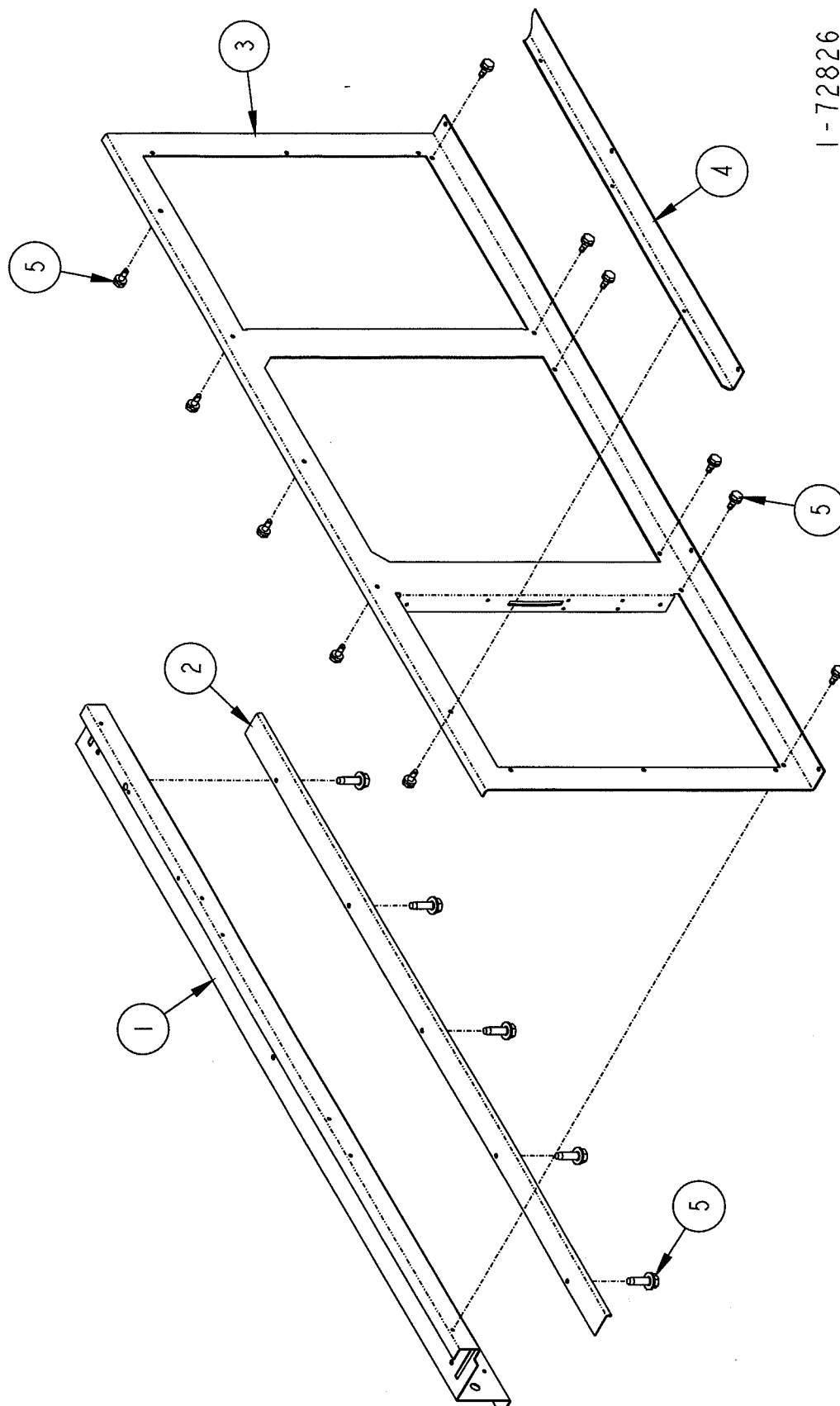
1-72827

END PANEL ASSEMBLY

ITEM PART NO. NO.	DESCRIPTION
1 8200397	Middle Channel
2 <u>Computer End Panel</u>	
8801316	Left Hand
8801032	Right Hand
3 8801215	Computer Corner Vertical Bracket
4 8801208	Computer Side Panel
5 4005059	1/4-20 x 3/4" Long Flange Hex Head Self-Tapping Screw
6 4035040	Flat Washer
7 4025025	1/4-20 x 1/2" Long Flange Hex Head Self-Tapping Screw
8 4003582	#8-32 x 3/8" Long Flange Hex Head Self-Tapping Screw

1-72827

ENCLOSURE SUPPORT ASSEMBLY



1-72826

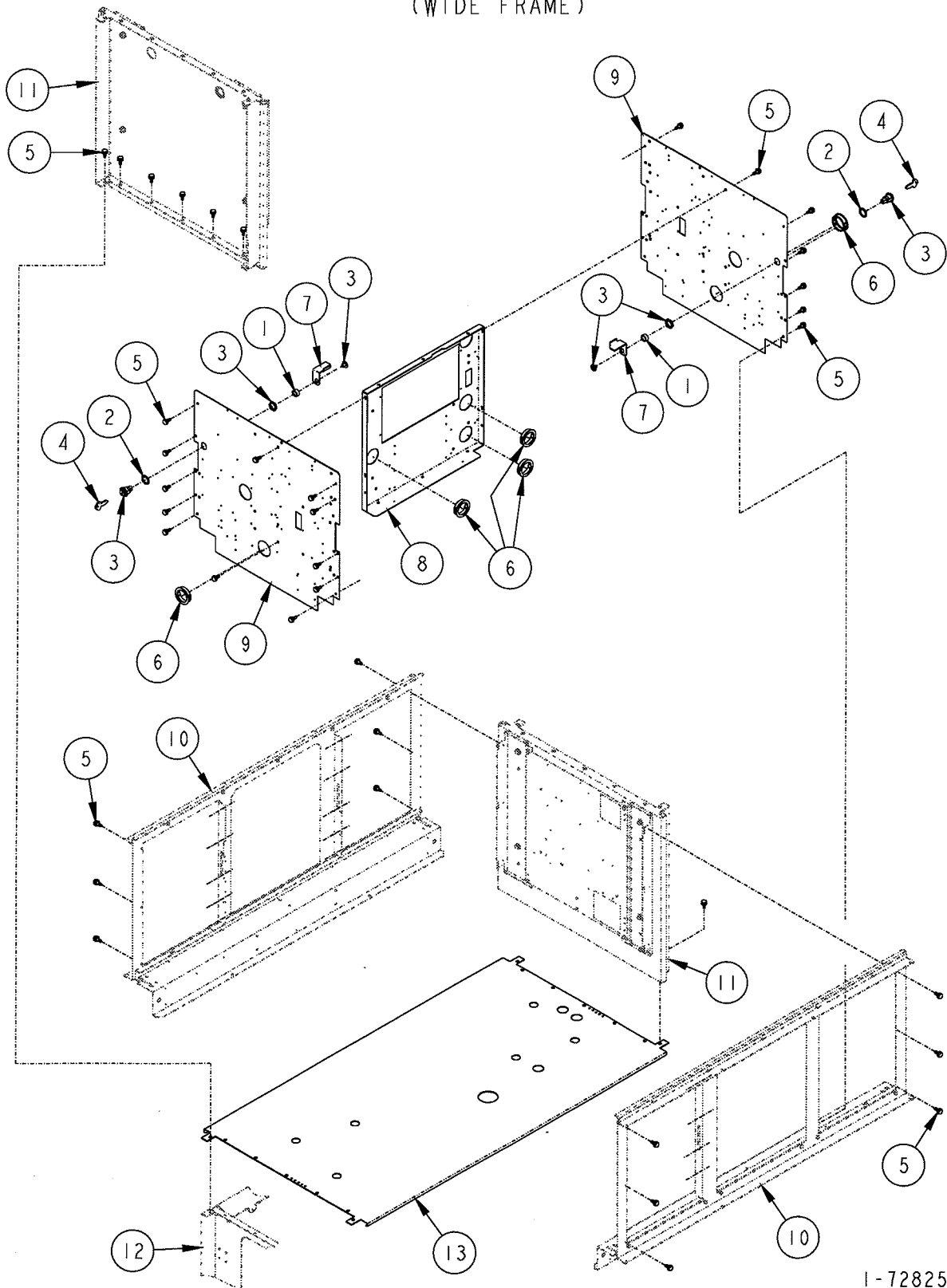
1-72826

ENCLOSURE SUPPORT ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION
1	<u>Computer Lower Rail & Light Bracket</u>	
	8801003	Wide Frame
	8801202	Narrow Frame
2	<u>Extrusion Back Stop Bracket</u>	
	8801167	Wide Frame
	8801218	Narrow Frame
3	<u>Computer Door Face Panel</u>	
	8801247	Wide Frame
	8801252	Narrow Frame
4	<u>Computer Door Support Bracket</u>	
	8801248	Wide Frame
	8801253	Narrow Frame
5	4003582	#8-32 x 3/8" Long Flange Hex Head Self-Tapping Screw

1-72826

CENTER ENCLOSURE ASSEMBLY (WIDE FRAME)



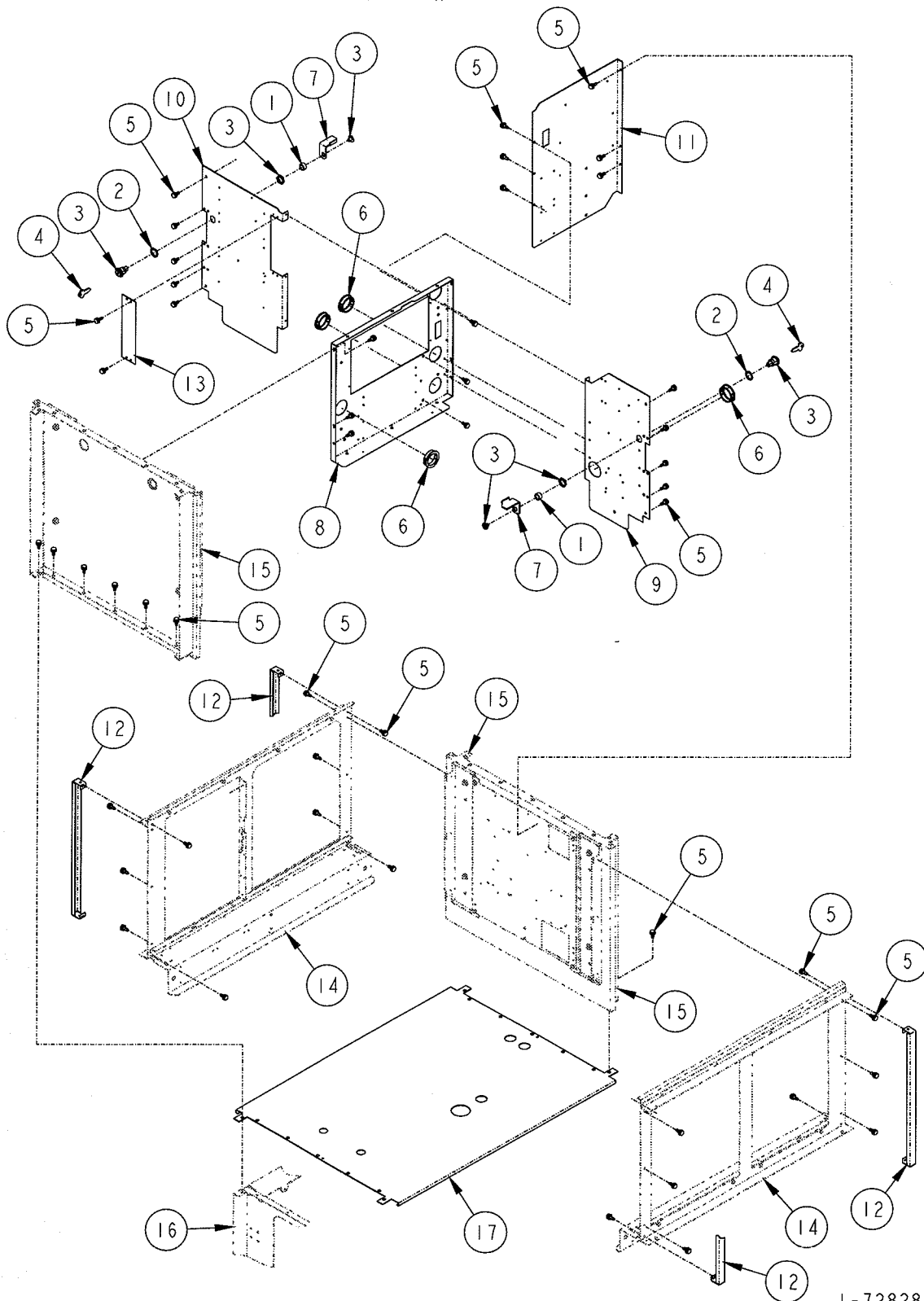
1-72825

CENTER ENCLOSURE ASSEMBLY

WIDE FRAME

ITEM NO.	PART NO.	DESCRIPTION
1	S-912-2	Nylon Spacer
2	S-912-3	Nylon Washer
3	X-633-13	Keylock
4	SPCP	Key
5	4003582	#8-32 x 3/8" Long Flange Hex Head Self-Tapping Screw
6	4130001	Snap Bushing
7	8801011	Lock Lever
8	8801204	Computer/Relay Mounting Bracket
9	8801300	Power Supply/Blend Board Panel
10	<u>For parts callout of Enclosure Support Assembly see 72826.</u>	
11	<u>For parts callout of End Panel Assembly see 72727.</u>	
12	<u>For parts callout of Lower Frame Assembly see 72824.</u>	
13	<u>Vapor Barrier</u>	
	8801079	Models 23102, 23112, 24102, 24112, 25102, 25112
	8801265	Models 23302, 23332
	8800980	Models 33102, 33112, 33302, 33332
	8801194	Models 34202, 34222, 35202, 35222
	8801064	Models 44202, 44222, 44402, 44442
	8801310	Models 34442, 34402

CENTER ENCLOSURE ASSEMBLY (NARROW FRAME)



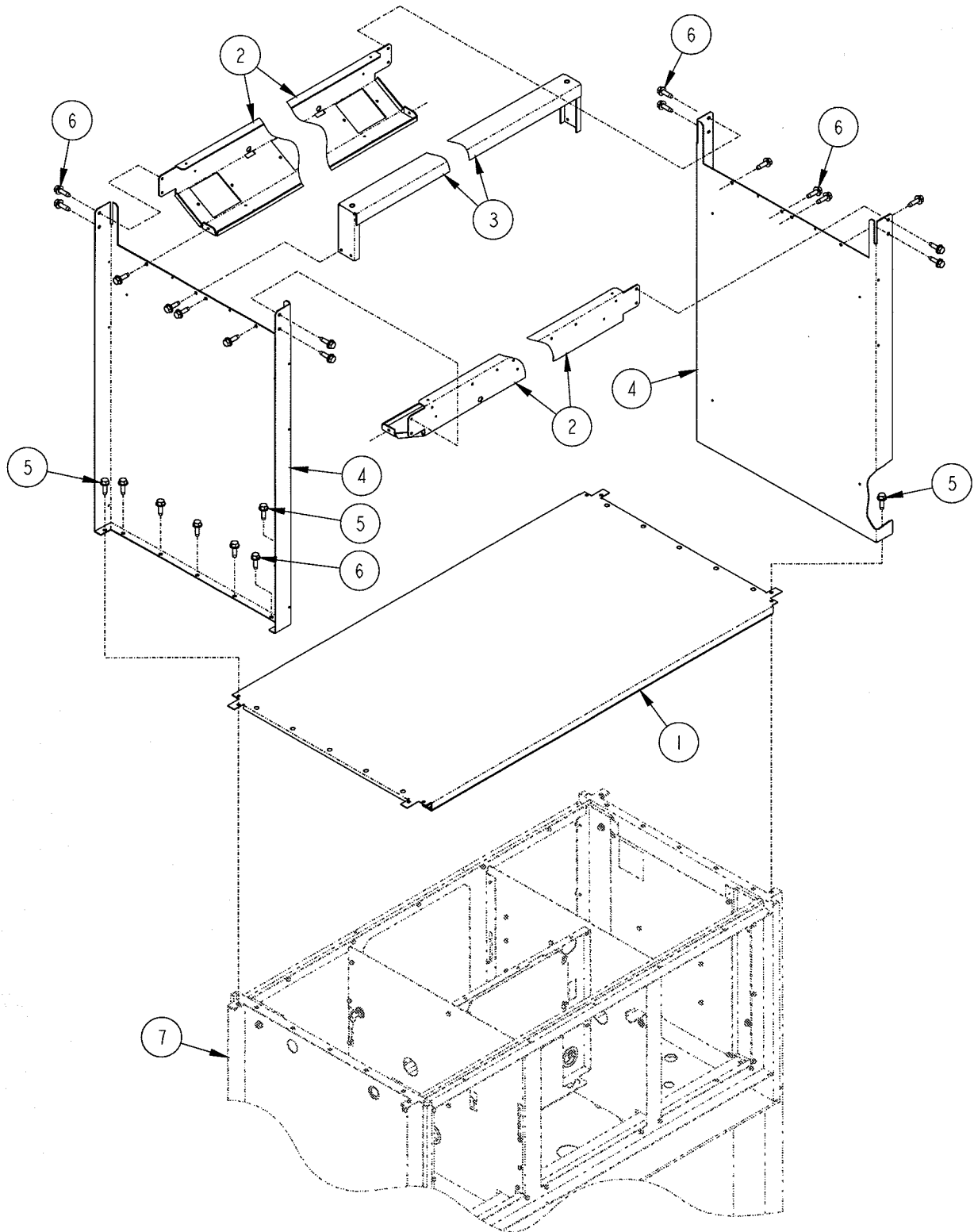
1-72828

CENTER ENCLOSURE ASSEMBLY

NARROW FRAME

ITEM NO.	PART NO.	DESCRIPTION
1	S-912-2	Nylon Spacer
2	S-912-3	Nylon Washer
3	X-633-13	Keylock
4		Key
5	4003582	#8-32 x 3/8" Long Flange Hex Head Self-Tapping Screw
6	4130001	Snap Bushing
7	8801011	Lock Lever
8	8801204	Computer/Relay Mounting Bracket
9	8801205	Computer Middle Panel Side 1
10	8801206	Power Supply Middle Panel Side 2
11	8801207	Barrier Power Distribution Mounting Bracket
12	8801209	Cover Panel Door Sides
13	8801242	Slot Cover Power Supply Panel
14	<u>For parts callout of Enclosure Support Assembly see 72826.</u>	
15	<u>For parts callout of End Panel Assembly see 72727.</u>	
16	<u>For parts callout of Lower Frame Assembly see.</u>	
	72824	Remote Control System
	72856	Suction System
17	<u>Vapor Barrier</u>	
	8801244	Models 11101, 11111 (Remote Control System)
	8801210	Models 22201, 22221 (Remote Control System)
	8801171	Models 23101, 23111, 24101, 24111, 25101, 25111
	8801495	Models 11101, 11111, 222201, 22221 (Suction System)

CANOPY ASSEMBLY (WIDE FRAME SHOWN)



1-72843

CANOPY ASSEMBLY

(WIDE FRAME SHOWN)

ITEM NO.	PART NO.	DESCRIPTION
1	<u>Center Enclosure Top</u>	
	8200862	Wide Frame
	8900911	Narrow Frame
2	<u>Canopy Frame Channel</u>	
	8200390	Wide Frame
	8200414	Narrow Frame
3	<u>Lift Beam</u>	
	8200395	Wide Frame
	8200416	Narrow Frame
4	8200398	Upper Frame Channel
5	4004077	#10-24 x 3/8" Long Flange Hex Head Self-Tapping Screw
6	4005047	1/4-20 x 1/2" Long Flange Hex Head Self-Tapping Screw
7	<u>For parts callout of Center Enclosure Assembly</u>	
	72825	Wide Frame
	72828	Narrow Frame

Centurion

Hydraulics

Filter Adaptor Body & Check Valve

Meters, Pulsers & Totalizers

Discharge Hydraulics

Models 11101 & 11111

Models 22101 & 22111

Models 22201 & 22221

Models 23101, 23111, 24101, 24111, 25101 & 25111

Models 23102, 23112, 24102, 24112, 25102 & 25112

Models 23302 & 23332

Models 33102 & 33112

Models 33302 & 33332

Models 34202, 34222 With Diesel & 35202, 35222 With Diesel

Models 34402, 34442 With Diesel & 35402, 35442 With Diesel

Models 44202 & 44222 With Diesel

Models 44402 & 44442 With Diesel

Vapor Control Assembly

Vapor Balanced (Narrow Frame)

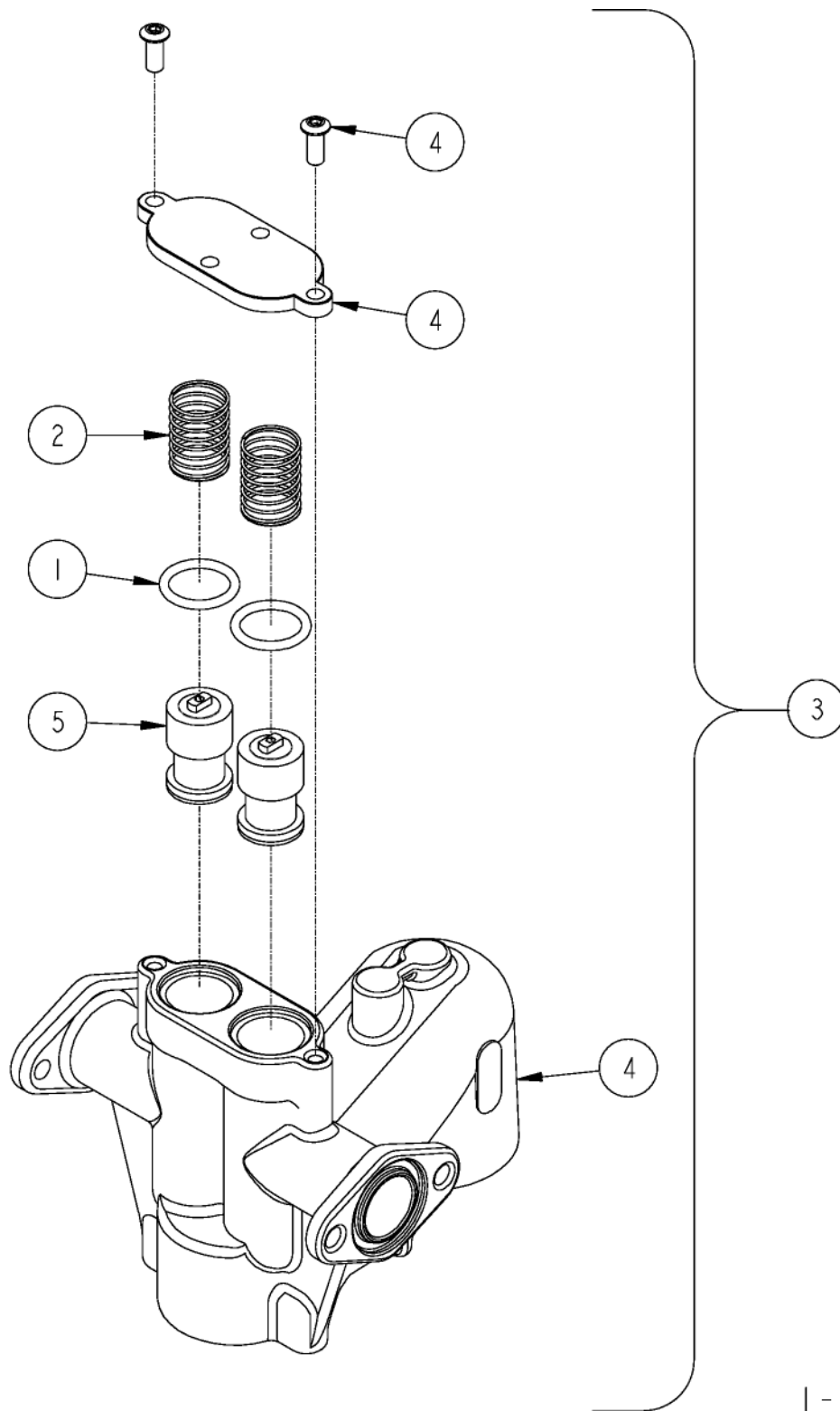
Vapor Balanced (Wide Frame)

Franklin Vapor Assist System (Narrow Frame)

Franklin Vapor Assist System (Wide Frame)

Hose Outlet Adapter

LTER ADAPTOR BODY & CHECK VALVES



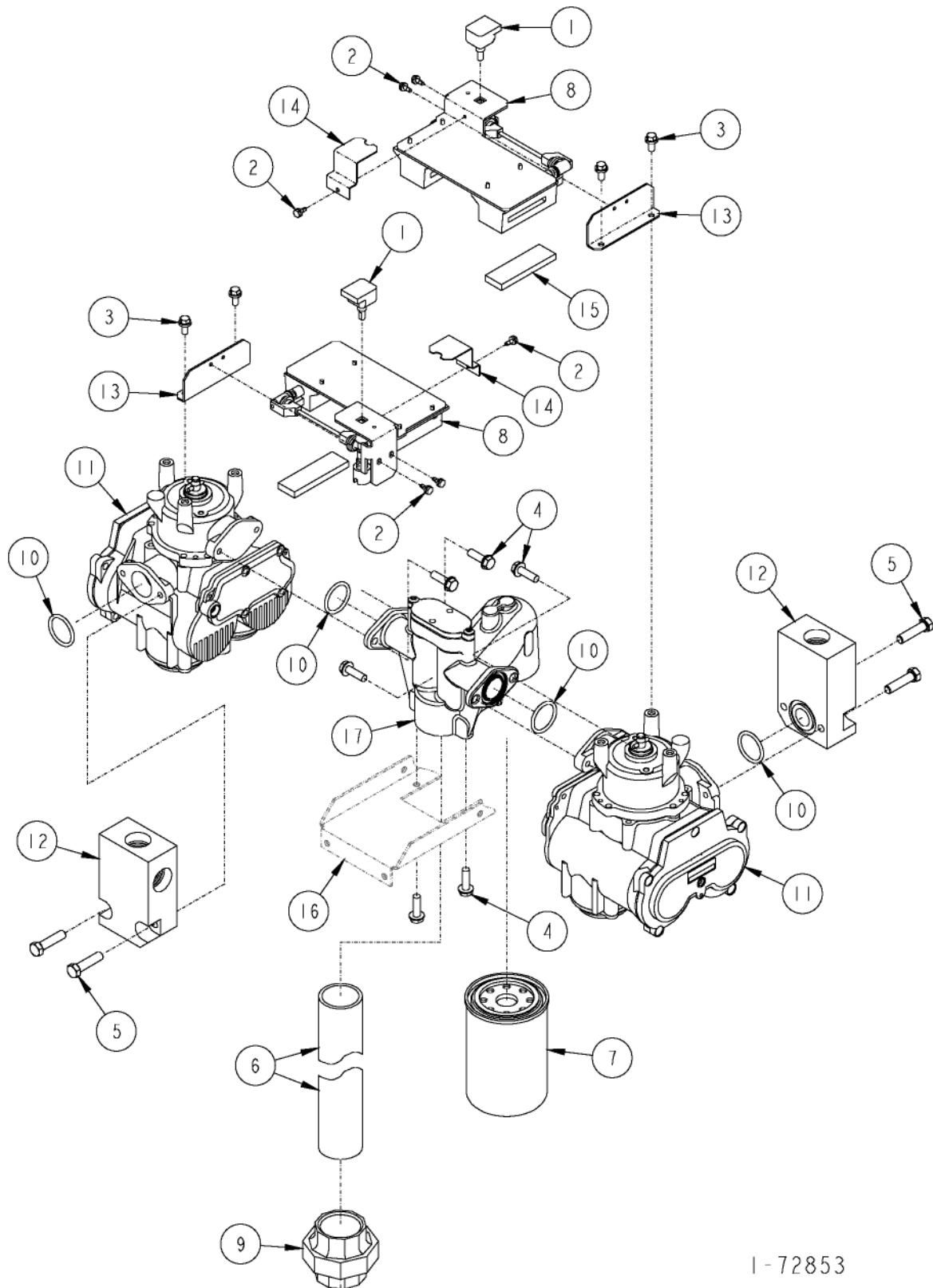
FILTER ADAPTOR BODY & CHECK VALVES

ITEM PART

NO.	NO.	DESCRIPTION
-----	-----	-------------

1	416002	"O" Ring
2	417100	Spring
3	810033	Vertical Filter Assembly (With check valves, "o" rings and springs)
4	810034	Vertical Filter Assembly (Without check valves)
5	830042	Check Valve

METERS, PULSERS & TOTALIZERS



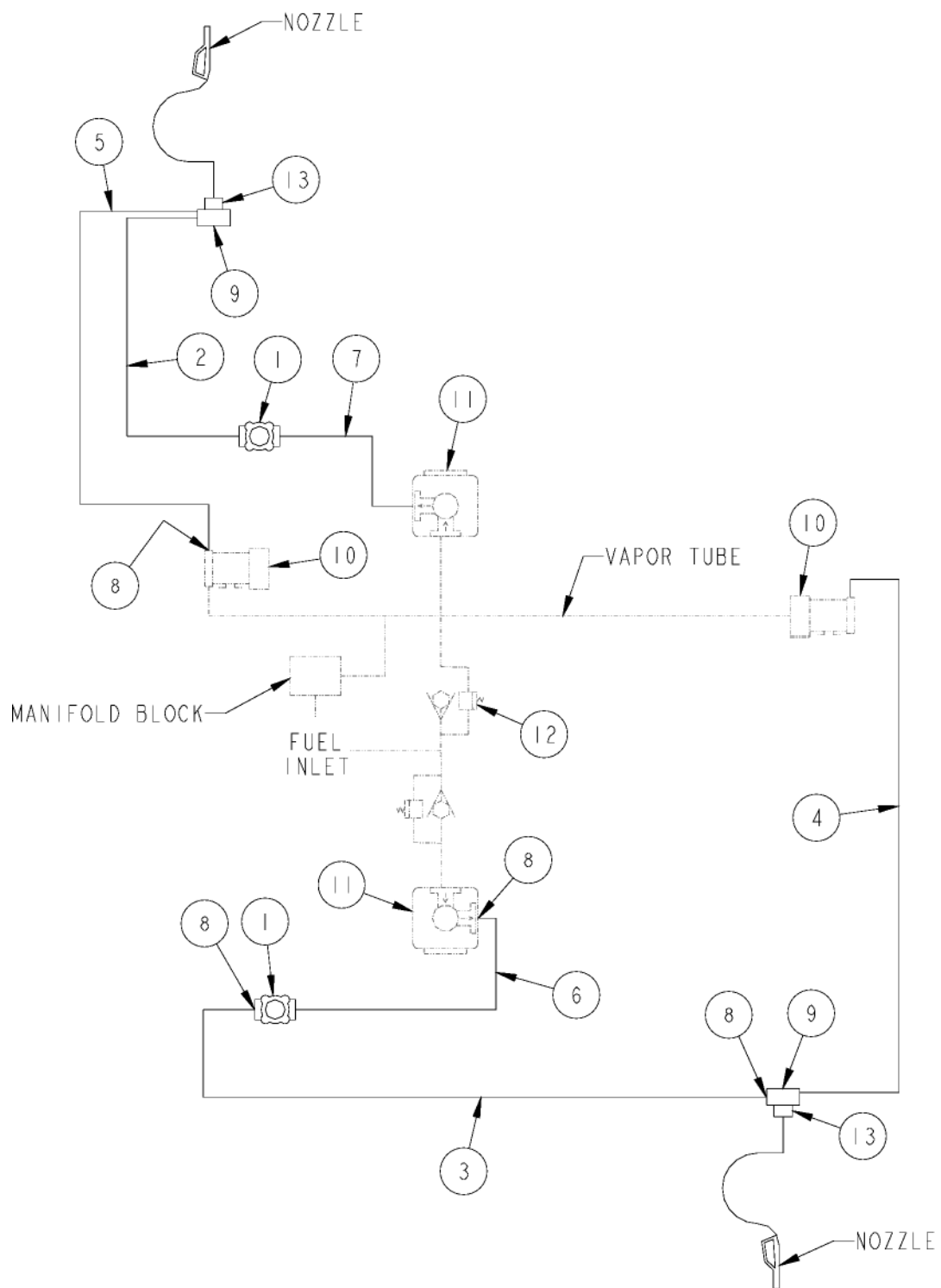
1-72853

METERS, PULSERS & TOTALIZERS

ITEM PART			ITEM PART					
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION			
1	0070507	Dual Output Pulser	13	8801154	Pulser Bracket			
2	4003582	#8-32 x 3/8" Long Screw	14	8801192	Pulser Cover			
3	4005047	1/4-20 x 1/2" Long	15	X-779-1	Cushion			
4	4005516	5/16-18 x 1" Long Screw	16	For parts call out of Lower Frame Assembly see 72824.				
5	4005523	5/16-18 x 1 1/2" Long Screw		72824	Remote Control System			
6	1 1/2" Inlet Pipe			72856	Suction System			
	X-473-7	7" Long (Venezuela)	17	For parts call out of Filter Adaptor Body & Check Valves see 72854.				
	4070227	15 11/16" Long						
	4070274	14 1/4" Long						
	4070316	16 1/2" Long						
7	Filter Element "Screw on"		1-72853					
	X-766	70010 Cim-Tek						
	X-766-1	"Particle"						
	4100183	70013 "Water Absorbent"						
	4100184	40510P Petro-Clear "Particle"						
8	Extended Totalizer							
	4130128	Gallon						
	4130129	Liter						
	4130130	Canada						
9	7-51780	Inlet Pipe Union						
1	8100046	"O" Ring						
1	8100309	SM100A Meter						
1								
1	8100335	Manifold Block (Models 23302, 23332, 34402, 34442)						
	8300409	Meter/Tube Adapter (All models prior to 2/97)						

DISCHARGE HYDRAULICS

MODELS 11101 & 11111



1-72867

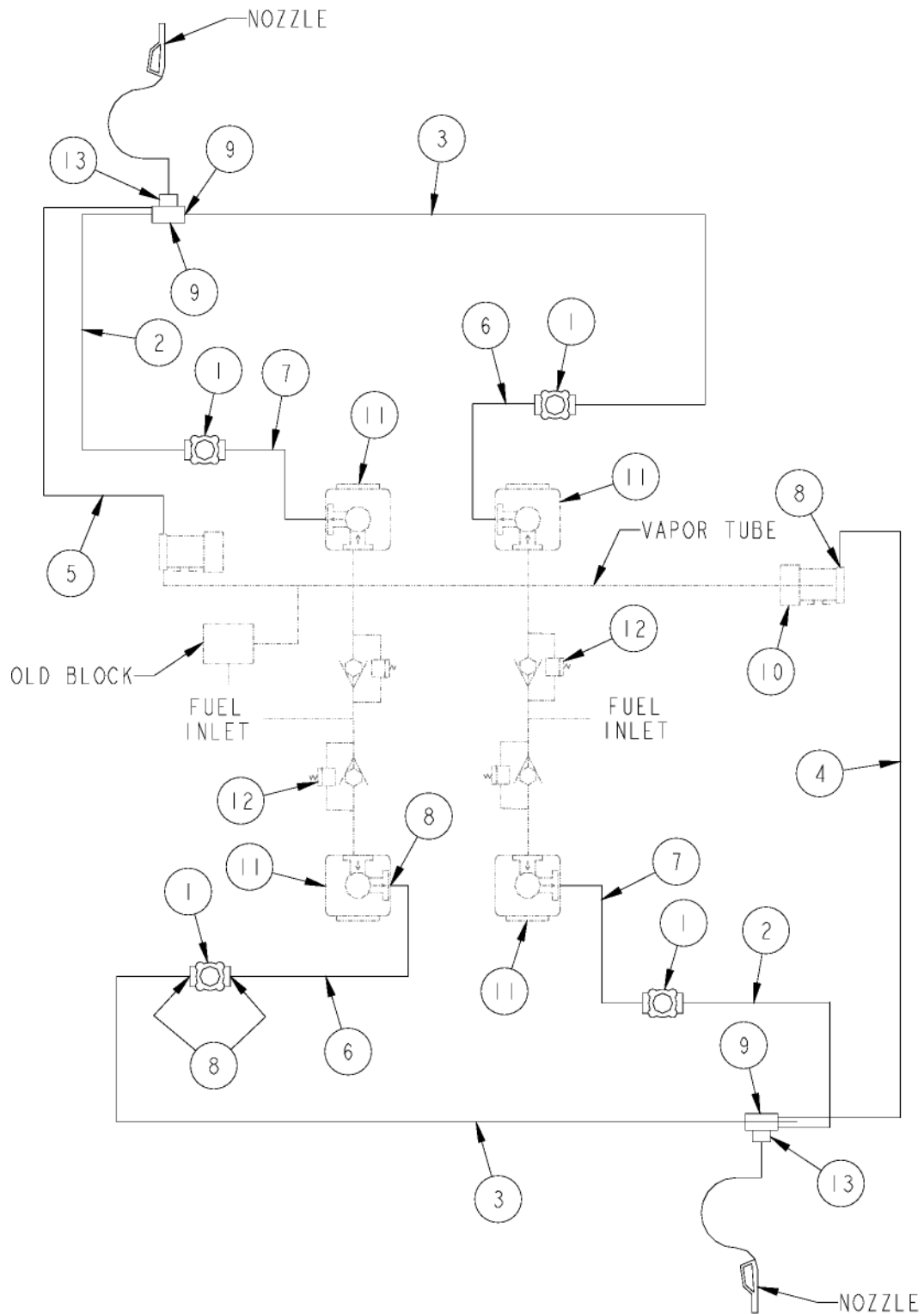
DISCHARGE HYDRAULICS

MODELS 11101 & 11111

ITEM NO.	PART NO.	DESCRIPTION
1	1411082	2 Stage Valve
2	4070232	Valve to Manifold Fuel Tube (Side "B")
3	4070233	Valve to Manifold Fuel Tube (Side "A")
4	4070241	Vapor Recovery Tube (Side "A")
5	4070242	Vapor Recovery Tube (Side "B")
6	Meter to Valve Fuel Tube (Side "A")	
	4070230	Prior to 2/1997
	4070270	2/1997 to present
7	Meter to Valve Fuel Tube (Side "B")	
	4070231	Prior to 2/1997
	4070271	2/1997 to present
8	4160009	"O" Ring
9	8100313-9	Outlet Manifold
10	For parts call out of Vapor Control Assembly see:	
	72845	Franklin Vapor Assist System (Narrow Frame)
	72846	Franklin Vapor Assist System (Wide Frame)
	72847	Vapor Balanced System (Narrow Frame)
	72848	Vapor Balanced System (Wide Frame)
11	For parts call out of Meters, Pulsers & Totalizers see 72853.	
12	For parts call out of Filter Adapter Body & Check Valves see	
13	For parts call out of Hose Outlet Adapters see 72855.	

DISCHARGE HYDRAULICS

MODELS 22101 & 22111



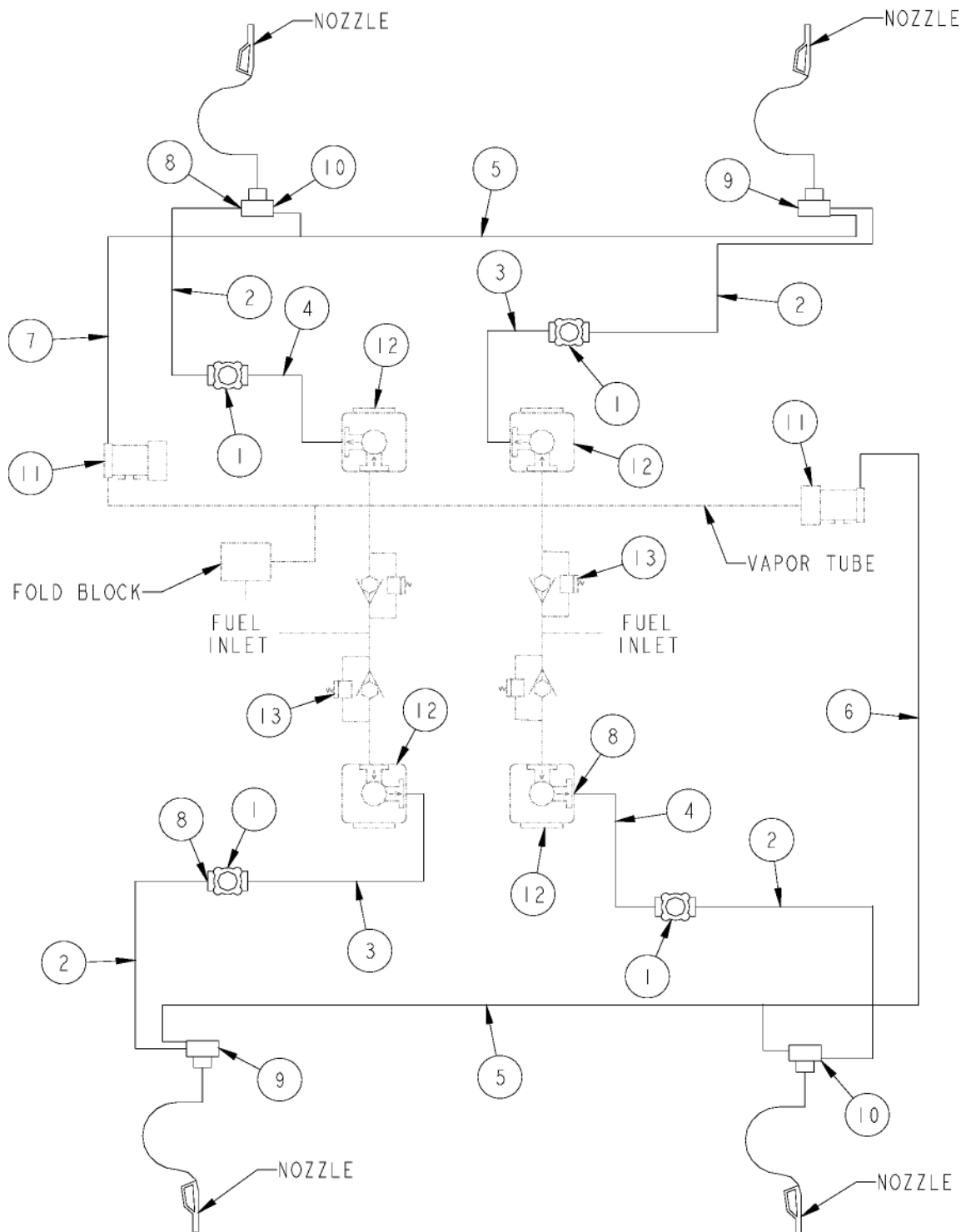
DISCHARGE HYDRAULICS

MODELS 22101 & 22111

ITEM NO.	PART NO.	DESCRIPTION
1	1411082	2 Stage Valve
2	4070232	Valve to Manifold Fuel Tube
3	4070233	Valve to Manifold Fuel Tube
4	4070241	Vapor Recovery Tube (Side "A")
5	4070242	Vapor Recovery Tube (Side "B")
6	Meter to Valve Fuel Tube	
	4070230	Prior to 2/1997
	4070270	2/1997 to present
7	Meter to Valve Fuel Tube	
	4070231	Prior to 2/1997
	4070271	2/1997 to present
8	4160009	"O" Ring
9	8100313-7	Outlet Manifold
10	For parts call out of Vapor Control Assembly see:	
	72845	Franklin Vapor Assist System (Narrow Frame)
	72846	Franklin Vapor Assist System (Wide Frame)
	72847	Vapor Balanced System (Narrow Frame)
	72848	Vapor Balanced System (Wide Frame)
11	For parts call out of Meters, Pulsers & Totalizers see 72853.	
12	For parts call out of Filter Adapter Body & Check Valves see	
13	For parts call out of Hose Outlet Adapters see 72855.	

DISCHARGE HYDRAULICS

MODELS 22201 & 22221



1-72869

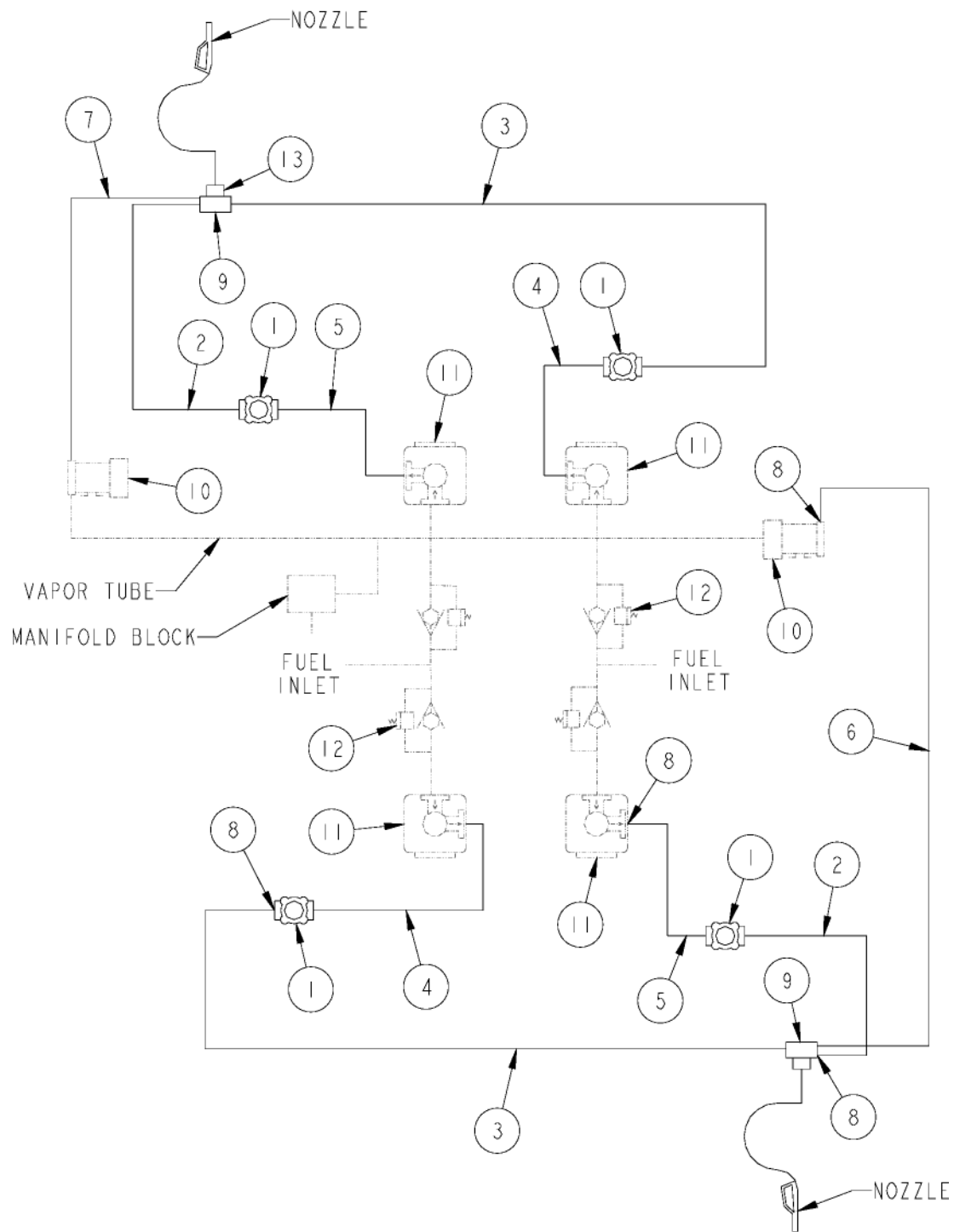
DISCHARGE HYDRAULICS

MODELS 22201 & 22221

ITEM PART		
NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve
2	4070232	Valve to Manifold Fuel Tube
3	Meter to Valve Fuel Tube	
	4070270	Prior to 2/1997
	4070270	2/1997 to present
4	Meter to Valve Fuel Tube	
	4070231	Prior to 2/1997
	4070271	2/1997 to present
5	4070295	Manifold to Manifold Vapor Recovery Tube
6	4070296	Vapor Recovery Tube (Side "A")
7	4070297	Vapor Recovery Tube (Side "B")
8	4160009	"O" Ring
9	8100313-3	Outlet Manifold (Product 1, Side "A" & Product 2, Side "B")
10	8100313-14	Outlet Manifold (Product 1, Side "B" & Product 2, Side "A")
11	For parts call out of Vapor Control Assembly see:	
	72845	Franklin Vapor Assist System (Narrow Frame)
	72846	Franklin Vapor Assist System (Wide Frame)
	72847	Vapor Balanced System (Narrow

DISCHARGE HYDRAULICS

MODELS 23101, 23111, 24101, 24111, 25101 & 25111



1-72870

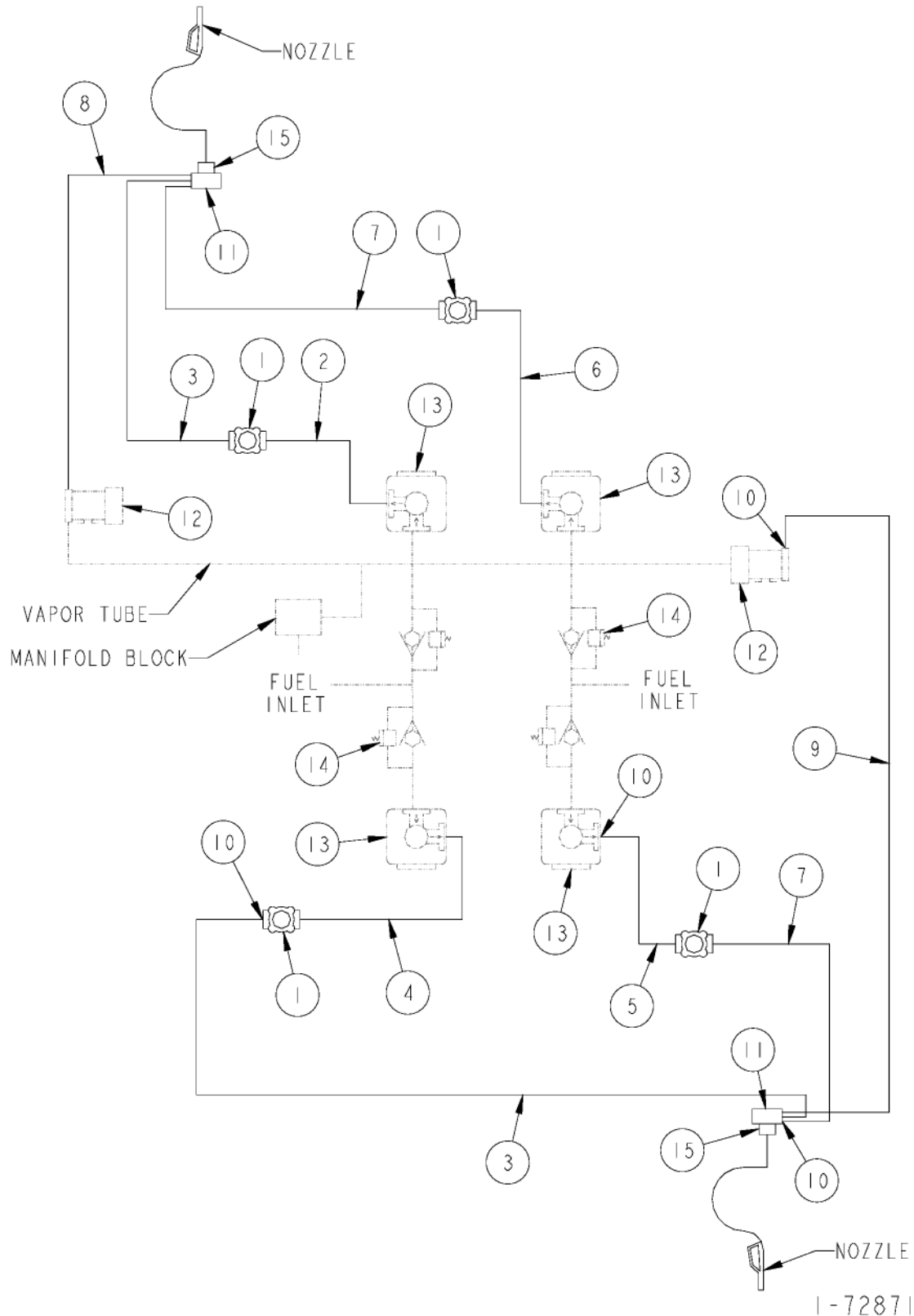
DISCHARGE HYDRAULICS

MODELS 23101, 23111, 24101, 24111, 25101 & 25111

ITEM NO.	PART NO.	DESCRIPTION
1	1411094	Blend Valve
2	4070232	Valve to Manifold Fuel Tube
3	4070233	Valve to Manifold Fuel Tube
4	<u>Meter to Valve Fuel Tube</u>	
	4070230	Prior to 2/1997
	4070270	2/1997 to present
5	<u>Meter to Valve Fuel Tube</u>	
	4070231	Prior to 2/1997
	4070271	2/1997 to present
6	4070241	Vapor Recovery Tube (Side "A")
7	4070242	Vapor Recovery Tube (Side "B")
8	4160009	"O" Ring
9	8100313-7	Outlet Manifold
10	<u>For parts call out of Vapor Control Assembly see:</u>	
	72845	Franklin Vapor Assist System (Narrow Frame)
	72846	Franklin Vapor Assist System (Wide Frame)
	72847	Vapor Balanced System (Narrow Frame)
	72848	Vapor Balanced System (Wide Frame)
11	<u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>	
12	<u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>	
13	<u>For parts call out of Hose Outlet Adapters see 72855.</u>	

DISCHARGE HYDRAULICS

MODELS 23102, 23112, 24102, 24112, 25102 & 25112



1-72871

DISCHARGE HYDRAULICS

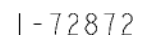
MODELS 23102, 23112, 24102, 24112, 25102 & 25112

ITEM PART

NO.	NO.	DESCRIPTION	ITEM PART NO.	DESCRIPTION
1	1411094	Blend Valve	12	<u>For parts call out of Vapor Control Assembly see:</u>
2	<u>Meter to Valve Fuel Tube</u>		72845	Franklin Vapor Assist System (Narrow
	4070185	Prior to 2/1997	Frame) 72846	Franklin Vapor Assist System (Wide Frame)
	4070264	2/1997 to present	72847	Vapor Balanced System
3	<u>Valve to Manifold Fuel Tube</u>			(Narrow Frame)
	4070187	Prior to 2/1997	72848	Vapor Balanced System (Wide Frame)
	4070232	2/1997 to present		
4	<u>Meter to Valve Fuel Tube</u>		13	<u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>
	4070194	Prior to 2/1997	14	<u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>
	4070266	2/1997 to present	15	<u>For parts call out of Hose Outlet Adapters see 72855.</u>
5	<u>Meter to Valve Fuel Tube</u>			
	4070195	Prior to 2/1997		
	4070267	2/1997 to present		
6	<u>Meter to Valve Fuel Tube</u>			
	4070228	Prior to 2/1997		
	4070269	2/1997 to present		
7	4070229	Valve to Manifold Fuel Tube		
8	4070236	Vapor Recovery Tube (Side "B")		
9	4070239	Vapor Recovery Tube (Side "A")		
10	4160009	"O" Ring		
11	8100313-5	Outlet Manifold		

1-72871

MODELS 23302 & 23332



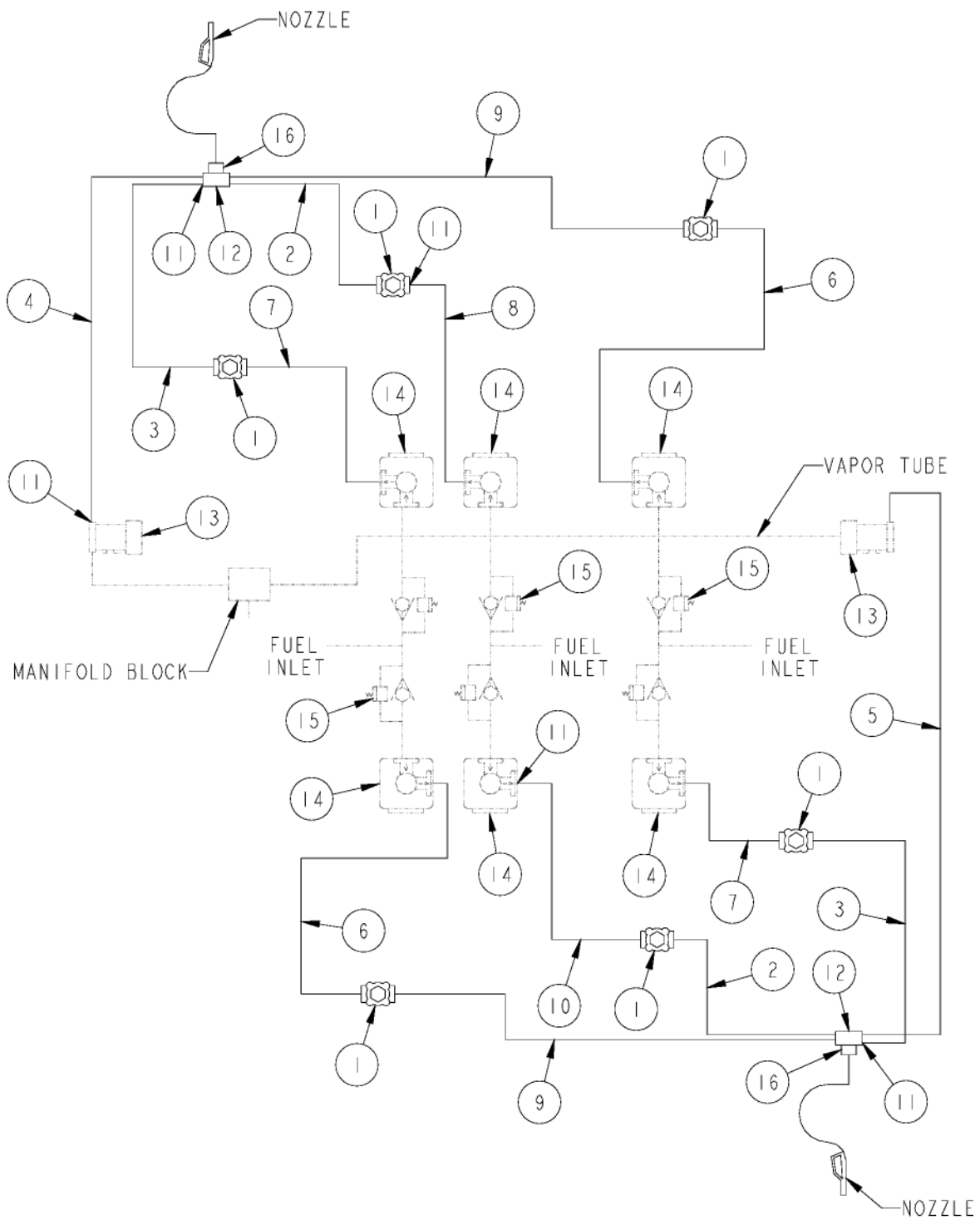
DISCHARGE HYDRAULICS

MODELS 23302 & 23332

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	22	<u>For parts call out of Vapor Control Assembly see:</u>	
2	1411094	Blend Valve			
3	4070206	Coupling Tubing	72845		Franklin Vapor Assist System (Narrow Frame)
4	4070189-1	Manifold to Manifold Vapor Tube	72846		Franklin Vapor Assist System (Wide Frame)
5	2 Stage Valve to Manifold Fuel Tube		72847		Vapor Balanced System (Narrow Frame)
	4070187	Prior to 2/1997			
	4070232	2/1997 to present	72848		Vapor Balanced System (Wide Frame)
6	4070236	Vapor Recovery Tube (Side "B")	23	<u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>	
7	4070239	Vapor Recovery Tube (Side "A")	24	<u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>	
8	4070250	Meter to 2 Stage Valve Fuel Tube	25	<u>For parts call out of Hose Outlet Adapters see 72855.</u>	
9	4070251	Meter to 2 Stage Valve Fuel Tube			
10	4070256	Meter to Blend Valve Fuel Tube			
11	4070257	Meter to Blend Valve Fuel Tube			
12	4070258	Meter to 2 Stage Valve			
13	4070259	Blend Valve to Manifold			
14	4070260	Meter to 2 Stage Valve			
15	4070261	Meter to Blend Valve			
16	4070272	Blend Valve to Manifold Fuel Tube			
17	4070273	Blend Valve to Manifold Fuel Tube			
18	4160009	"O" Ring			
19	8100313-3	Outlet Manifold			
20	8100313-14	Outlet Manifold			
21	8100313-16	Outlet Manifold			

DISCHARGE HYDRAUL

MODFIS 33107 & 33117



1-72873

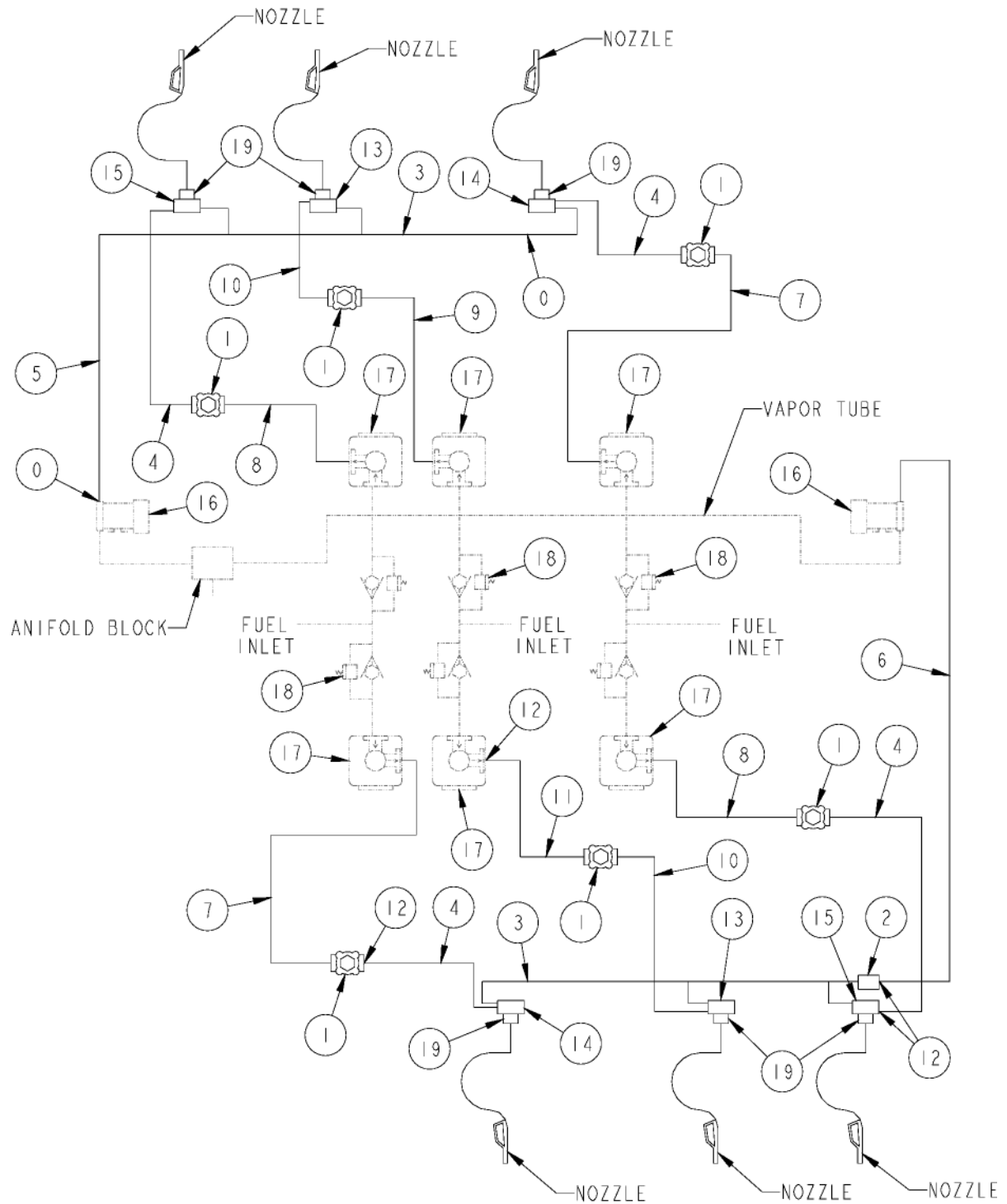
DISCHARGE HYDRAULICS

MODELS 33102 & 33112

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	10	<u>Meter to Valve Fuel Tube</u>	
			4070184		Prior to 2/1997
2	<u>Valve to Manifold Fuel Tube</u>		4070263		
	4070201	Prior to 2/1997	4070304		2/1997 to present
	4070229	2/1997 to present			
3	<u>Valve to Manifold Fuel Tube</u>		11	4160009	"O" Ring
	4070187	Prior to 2/1997	12	8100313-4	Outlet Manifold
	4070232	2/1997 to present	13	<u>For parts call out of Vapor Control Assembly see:</u>	
4	4070236	Vapor Recovery Tube (Side "B")	72845		Franklin Vapor Assist System (Narrow Frame)
5	4070239	Vapor Recovery Tube (Side "A")	72846		Franklin Vapor Assist System (Wide Frame)
			72847		Vapor Balanced System (Narrow Frame)
6	<u>Meter to Valve Fuel Tube</u>		72848		Vapor Balanced System (Wide Frame)
	4070183	Prior to 2/1997			
	4070262	2/1997 to present			
7	<u>Meter to Valve Fuel Tube</u>		14	<u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>	
	4070185	Prior to 2/1997	15	<u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>	
	4070264	2/1997 to present	16	<u>For parts call out of Hose Outlet Adapters see 72855.</u>	
8	<u>Meter to Valve Fuel Tube</u>				
	4070186	Prior to 2/1997			
	4070265				
	4070269	2/1997 to present			
9	<u>Manifold to Valve Fuel Tube</u>				
	4070187	Prior to 2/1997			
	4070206				
	4070302	2/1997 to present			

DISCHARGE HYDRAULICS

MODELS 33302 & 33332



I-72874

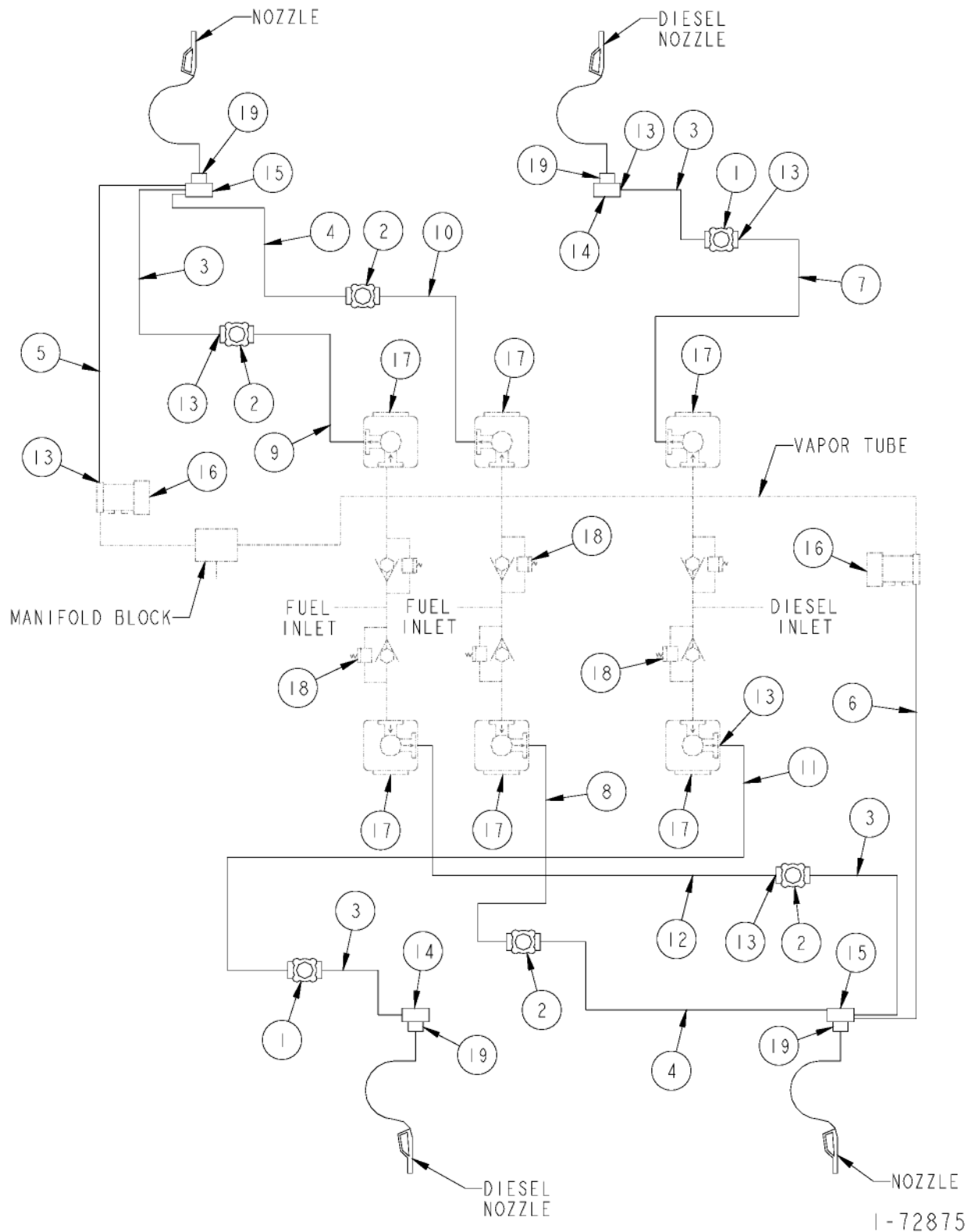
DISCHARGE HYDRAULICS

MODELS 33302 & 33332

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	12	4160009	"O" Ring
2	4070206	Coupling Tube	13	8100313-2	Outlet Manifold
3	4070189	Coupling to Manifold Vapor Tube	14	8100313-3	Outlet Manifold
			15	8100313-14	Outlet Manifold
4	Valve to Manifold Fuel Tube		16	For parts call out of Vapor Control Assembly see:	
	4070187	Prior to 2/1997			
	4070232	2/1997 to present	72845	Franklin Vapor Assist System (Narrow Frame)	
5	4070236	Vapor Recovery Tube (Side "B")	72846	Franklin Vapor Assist System (Wide Frame)	
6	4070239	Vapor Recovery Tube (Side "A")	72847	Vapor Balanced System (Narrow Frame)	
			72848	Vapor Balanced System (Wide Frame)	
7	Meter to Valve Fuel Tube				
	4070183	Prior to 2/1997	17	For parts call out of Meters, Pulsers & Totalizers see 72853.	
	4070262	2/1997 to present	18	For parts call out of Filter Adapter Body & Check Valves see 72854.	
8	Meter to Valve Fuel Tube		19	For parts call out of Hose Outlet Adapters see 72855.	
	4070185	Prior to 2/1997			
	4070264	2/1997 to present			
9	Meter to Valve Fuel Tube				
	4070186	Prior to 2/1997			
	4070269	2/1997 to present			
10	Valve to Manifold Fuel Tube				
	4070188	Prior to 2/1997			
	4070272	2/1997 to present			
11	Meter to Valve Fuel Tube				
	4070184	Prior to 2/1997			
	4070304	2/1997 to present			

DISCHARGE HYDRAULICS

MODELS 34202, 34222 WITH DIESEL & 35202, 35222 WITH DIESEL



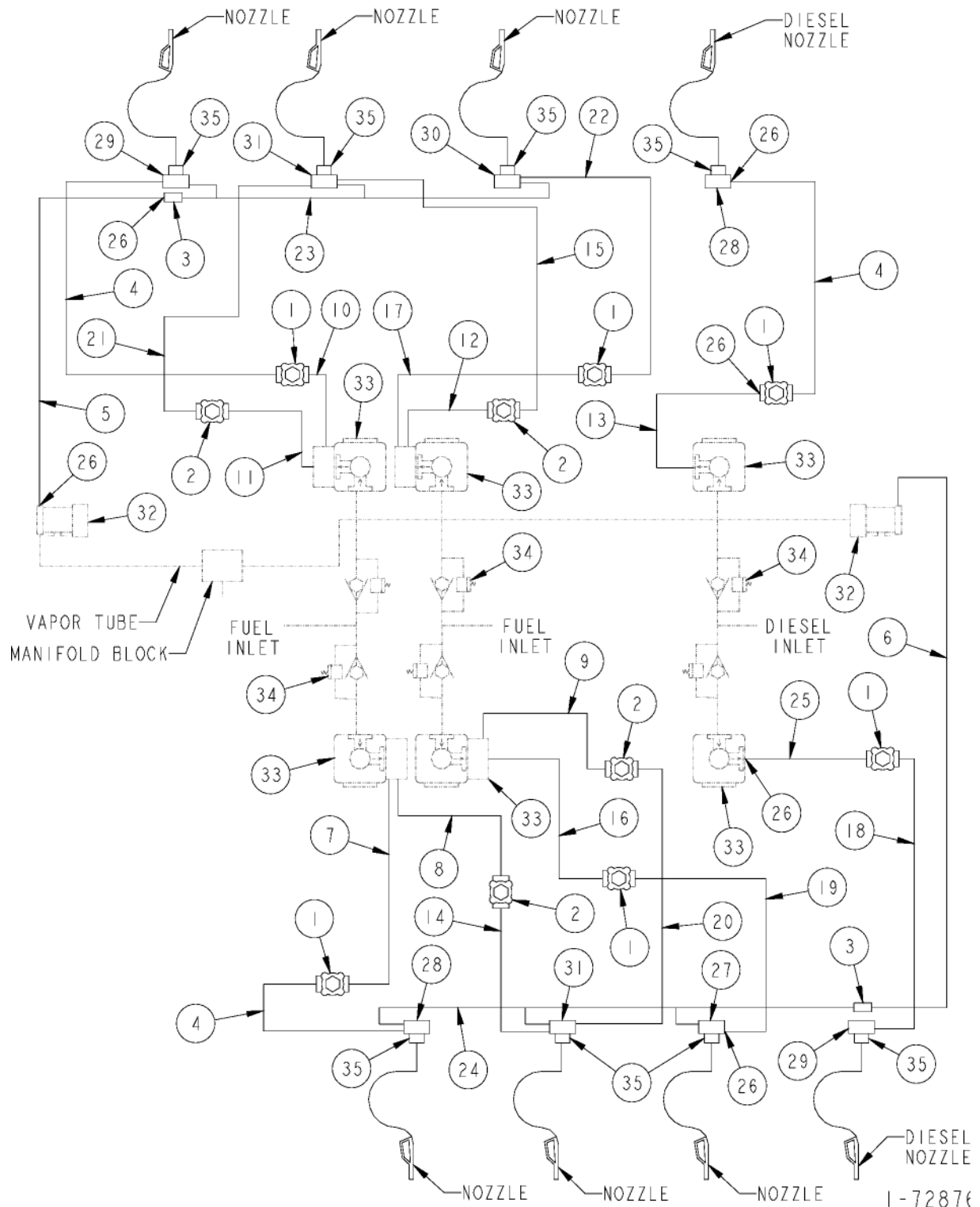
DISCHARGE HYDRAULICS

MODELS 34202, 34222 WITH DIESEL & 35202, 35222 WITH DIESEL

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	12	<u>Meter to Valve Fuel Tube</u>	
2	1411094	Blend Valve		4070276	Prior to 2/1997
				4070279	2/1997 to present
3	<u>Valve to Manifold Fuel Tube</u>		13	4160009	"O" Ring
	4070187	Prior to 2/1997	14	8100313-3	Outlet Manifold
	4070232	2/1997 to present	15	8100313-5	Outlet Manifold
4	4070229	Blend Valve to Manifold Fuel Tube	16	<u>For parts call out of Vapor Control Assembly see:</u>	
5	4070236	Vapor Recovery Tube		72845	Franklin Vapor Assist System (Narrow Frame)
		(Side "B")		72846	Franklin Vapor Assist System (Wide Frame)
6	4070239	Vapor Recovery Tube (Side "A")		72847	Vapor Balanced System (Narrow Frame)
7	<u>Meter to Valve Fuel Tube</u>			72848	Vapor Balanced System (Wide Frame)
	4070183	Prior to 2/1997			
	4070262	2/1997 to present			
8	<u>Meter to Blend Valve Fuel Tube</u>		17	<u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>	
	4070184	Prior to 2/1997			
	4070263	2/1997 to present	18	<u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>	
9	<u>Meter to Blend Valve Fuel Tube</u>		19	<u>For parts call out of Hose Outlet Adapters see 72855.</u>	
	4070185	Prior to 2/1997			
	4070264	2/1997 to present			
10	<u>Meter to Blend Valve Fuel Tube</u>				
	4070186	Prior to 2/1997			
	4070265	2/1997 to present			
11	<u>Meter to 2 Stage Valve Fuel Tube</u>				
	4070225	Prior to 2/1997			
	4070268	2/1997 to present			

DISCHARGE HYDRAULICS

MODELS 34402, 34442 WITH DIESEL & 35402, 35442 WITH DIESEL



1-72876

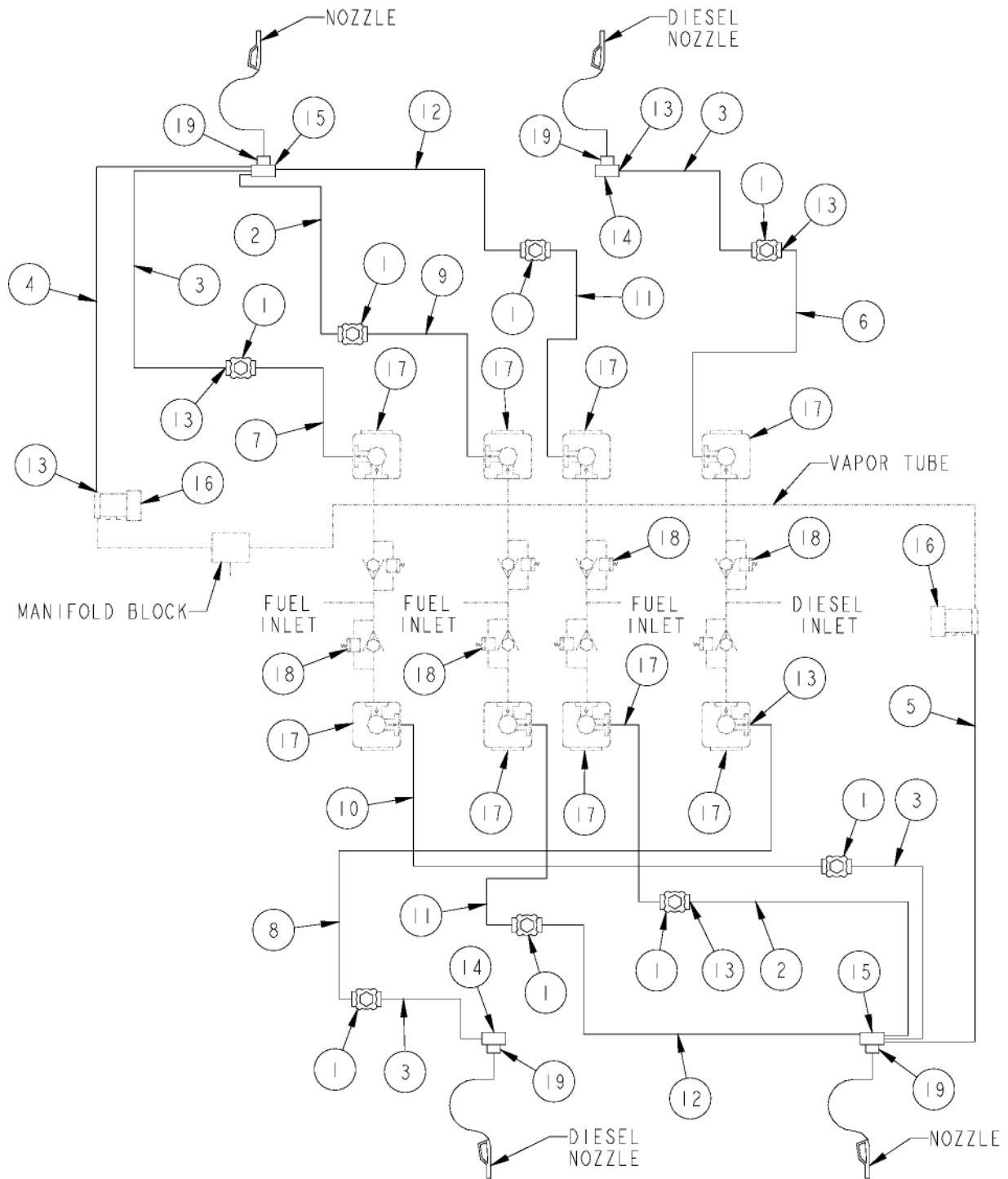
DISCHARGE HYDRAULICS

MODELS 34402, 34442 WITH DIESEL & 35402, 35442 WITH DIESEL

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	19	4070283	2 Stage Valve to Manifold Fuel Tube
2	1411094	Blend Valve	20	4070284	Blend Valve to Manifold Fuel Tube
3	4070206	Coupling Tube	21	4070285	Blend Valve to Manifold Fuel Tube
4	Valve to Manifold Fuel Tube		22	4070286	2 Stage Valve to Manifold Fuel Tube
	4070187	Prior to 2/1997	23	4070292	Coupling to Manifold Tube
	4070232	2/1997 to present	24	4070293	Manifold to Coupling Vapor Recovery Tube
5	4070236	Vapor Recovery Tube (Side "B")	25	4070300	Meter to 2 Stage Valve Fuel Tube
6	4070239	Vapor Recovery Tube (Side "A")	26	4160009	"O" Ring
7	4070250	Meter to 2 Stage Valve Fuel Tube	27	8100313-2	Outlet Manifold
8	4070256	Meter to 2 Stage Valve Fuel Tube	28	8100313-3	Outlet Manifold
9	4070257	Meter to Blend Valve Fuel Tube	29	8100313-14	Outlet Manifold
10	4070258	Meter to 2 Stage Valve Fuel Tube	30	8100313-15	Outlet Manifold
11	4070259	Meter to Blend Valve Fuel Tube	31	8100313-16	Outlet Manifold
12	4070261	Meter to Blend Valve Fuel Tube	32	For parts call out of Vapor Control Assembly see:	
13	Meter to Valve Fuel Tube		72845	Franklin Vapor Assist System (Narrow Frame)	
	4070183	Prior to 2/1997	72846	Franklin Vapor Assist System (Wide Frame)	
	4070262	2/1997 to present	72847	Vapor Balanced System (Narrow Frame)	
14	4070272	Blend Valve to Manifold Fuel Tube	72848	Vapor Balanced System (Wide Frame)	
15	4070273	Blend Valve to Manifold Fuel Tube	33	For parts call out of Meters, Pulsers & Totalizers see 72853.	
16	4070280	Meter to 2 Stage Valve Fuel Tube	34	For parts call out of Filter Adapter Body & Check Valves see 72854.	
17	4070281	Meter to 2 Stage Valve Fuel Tube	35	For parts call out of Hose Outlet Adapters see 72855.	
18	4070282	2 Stage Valve to Manifold Fuel Tube			

DISCHARGE HYDRAULICS

MODELS 44202 & 44222 WITH DIESEL



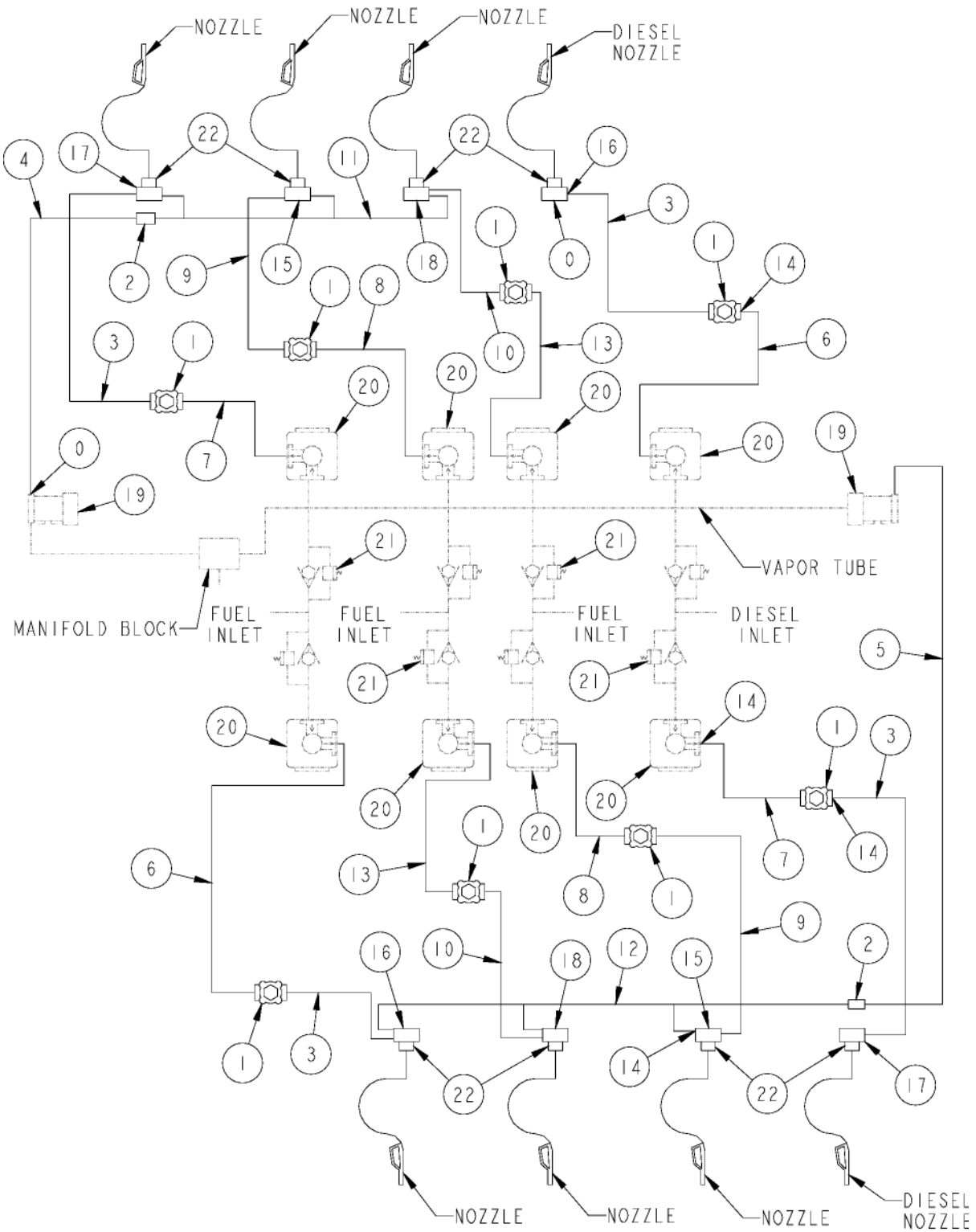
DISCHARGE HYDRAULICS

MODELS 44202 & 44222 WITH DIESEL

ITEM PART NO. NO.	DESCRIPTION	ITEM PART NO. NO.	DESCRIPTION
1 1411082	2 Stage Valve	12 <u>Valve to Manifold Fuel Tube</u>	
		4070277	Prior to 2/1997
2 <u>Valve to Manifold Fuel Tube</u>		4070326	2/1997 to present
4070201	Prior to 2/1997		
4070229	2/1997 to present	13 4160009	"O" Ring
		14 8100313-3	Outlet Manifold
3 <u>Valve to Manifold Fuel Tube</u>		15 8100313-17	Outlet Manifold
4070187	Prior to 2/1997		
4070232	2/1997 to present	16 <u>For parts call out of Vapor Control Assembly see:</u>	
		72845	Franklin Vapor Assist System (Narrow Frame)
4 4070236	Vapor Recovery Tube (Side "B")	72846	Franklin Vapor Assist System (Wide Frame)
5 4070239	Vapor Recovery Tube (Side "A")	72847	Vapor Balanced System
			(Narrow Frame)
6 <u>Meter to Valve Fuel Tube</u>		72848	Vapor Balanced System (Wide Frame)
4070183	Prior to 2/1997		
4070262	2/1997 to present	17 <u>For parts call out of Meters, Pulsers & Totalizers see 72853.</u>	
7 <u>Meter to Valve Fuel Tube</u>		18 <u>For parts call out of Filter Adapter Body & Check Valves see 72854.</u>	
4070185	Prior to 2/1997	19 <u>For parts call out of Hose Outlet Adapters see 72855.</u>	
4070264	2/1997 to present		
8 <u>Meter to Valve Fuel Tube</u>			
4070225	Prior to 2/1997		
4070268	2/1997 to present		
9 <u>Meter to Valve Fuel Tube</u>			
4070186	Prior to 2/1997		
4070265			
4070269	2/1997 to present		
10 <u>Meter to Valve Fuel Tube</u>			
4070276	Prior to 2/1997		
4070279	2/1997 to present		
11 <u>Meter to Valve Fuel Tube</u>			
4070208	Prior to 2/1997		
4070278	2/1997 to present		
4070303	2/1997 to present		

DISCHARGE HYDRAULICS

MODELS 44402 & 44442 WITH DIESEL



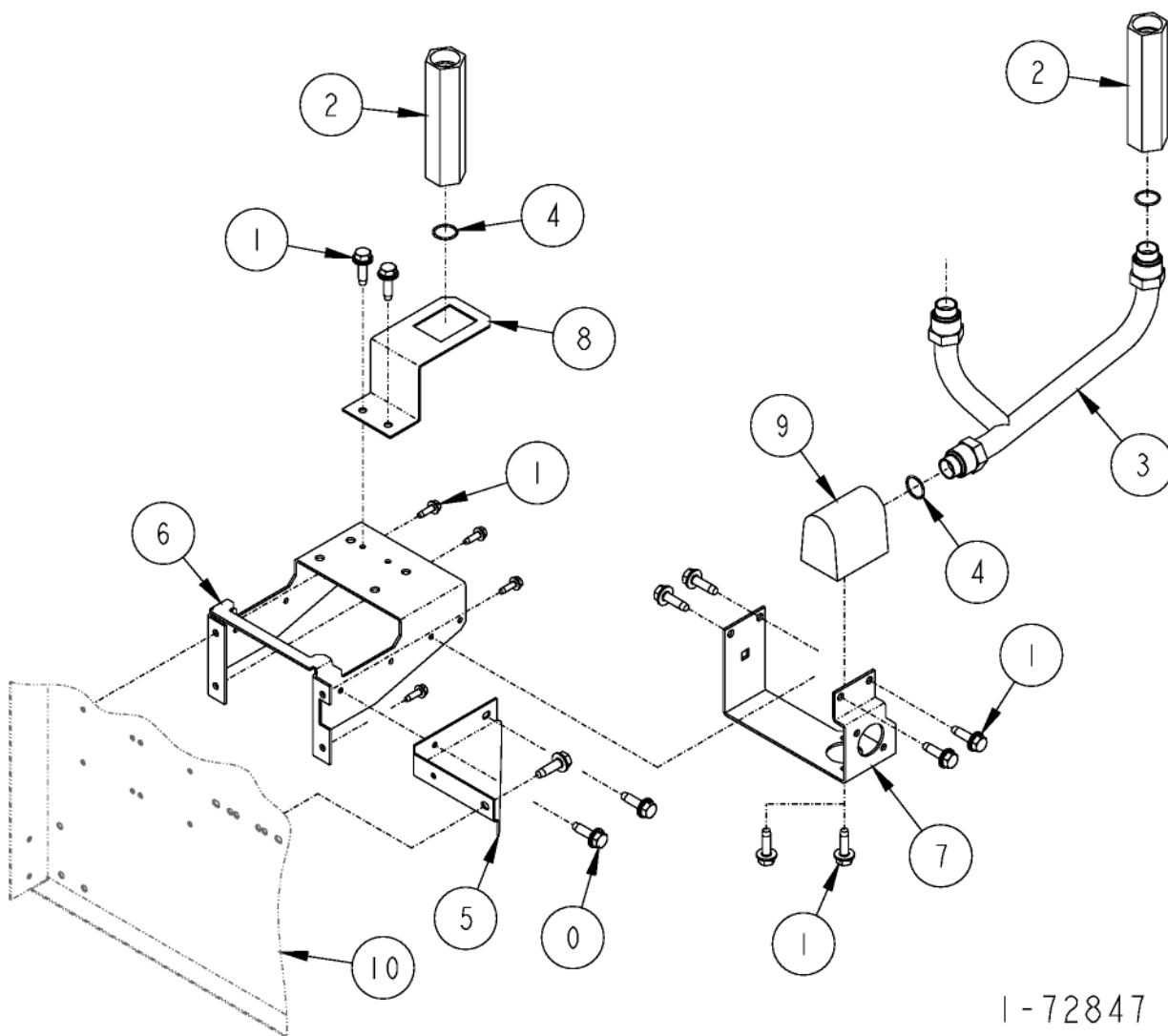
DISCHARGE HYDRAULICS

MODELS 44402 & 44442 WITH DIESEL

ITEM PART			ITEM PART		
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
1	1411082	2 Stage Valve	12	4070293	Manifold to Coupling Vapor Tube (Side "A")
2	4070206	Coupling Tube			
3	Valve to Manifold Fuel Tube		13	Meter to Valve Fuel Tube	
	4070187	Prior to 2/1997		4070208	Prior to 2/1997
	4070232	2/1997 to present		4070278	
				4070303	2/1997 to present
4	4070236	Vapor Recovery Tube (Side "B")	14	4160009	"O" Ring
5	4070239	Vapor Recovery Tube (Side "A")	15	8100313-2	Outlet Manifold
			16	8100313-3	Outlet Manifold
			17	8100313-14	Outlet Manifold
6	Meter to Valve Fuel Tube		18	8100313-15 Outlet Manifold	
	4070183	Prior to 2/1997			
	4070262	2/1997 to present	19	For parts call out of Vapor Control Assembly see:	
7	Meter to Valve Fuel Tube			72845	Franklin Vapor Assist System (Narrow Frame)
	4070185	Prior to 2/1997		72846	Franklin Vapor Assist System (Wide Frame)
	4070264	2/1997 to present		72847	Vapor Balanced System (Narrow Frame)
8	Meter to Valve Fuel Tube			72848	Vapor Balanced System (Wide Frame)
	4070186	Prior to 2/1997			
	4070265				
	4070269	2/1997 to present			
9	Meter to Valve Fuel Tube		20	For parts call out of Meters, Pulsers & Totalizers see 72853.	
	4070188	Prior to 2/1997			
	4070272	2/1997 to present	21	For parts call out of Filter Adapter Body & Check Valves see 72854.	
10	Valve to Manifold Fuel Tube		22	For parts call out of Hose Outlet Adapters see 72855.	
	4070209	Prior to 2/1997			
	4070285	2/1997 to present			
11	4070292	Manifold to Coupling Vapor Tube (Side "B")			

VAPOR CONTROL ASSEMBLY

VAPOR BALANCED SYSTEM (NARROW FRAME)



1-72847

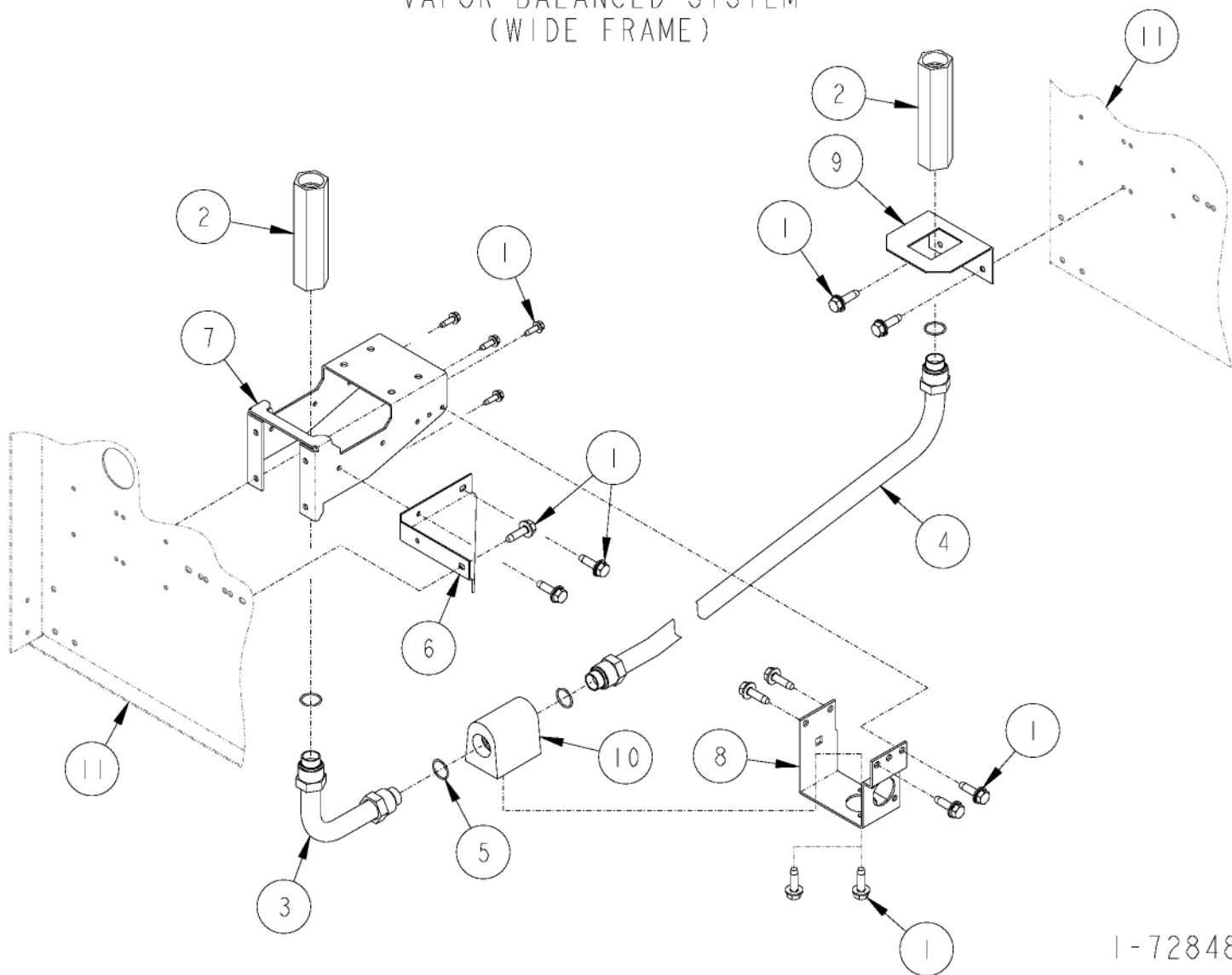
VAPOR CONTROL ASSEMBLY

VAPOR BALANCED SYSTEM (NARROW FRAME)

ITEM PART		DESCRIPTION
NO.	NO.	
1	4005047	Flange Hex Head Self Tapping Screw
2	4070205	Coupling
3	<u>Vapor Tube</u>	
	4070243	Double Sided Dispenser
	4070245	Single Sided Dispenser
4	4160009	"O" Ring
5	8200405	Pump Mounting Bracket Support
6	8200434	Pump Mounting Bracket
7	8200435	Manifold Block Support
8	8200436	Vapor Tube Support
9	8300424	Manifold Block
10	For parts call out of Lower Frame Assembly see <u>72847</u>	

VAPOR CONTROL ASSEMBLY

VAPOR BALANCED SYSTEM (WIDE FRAME)



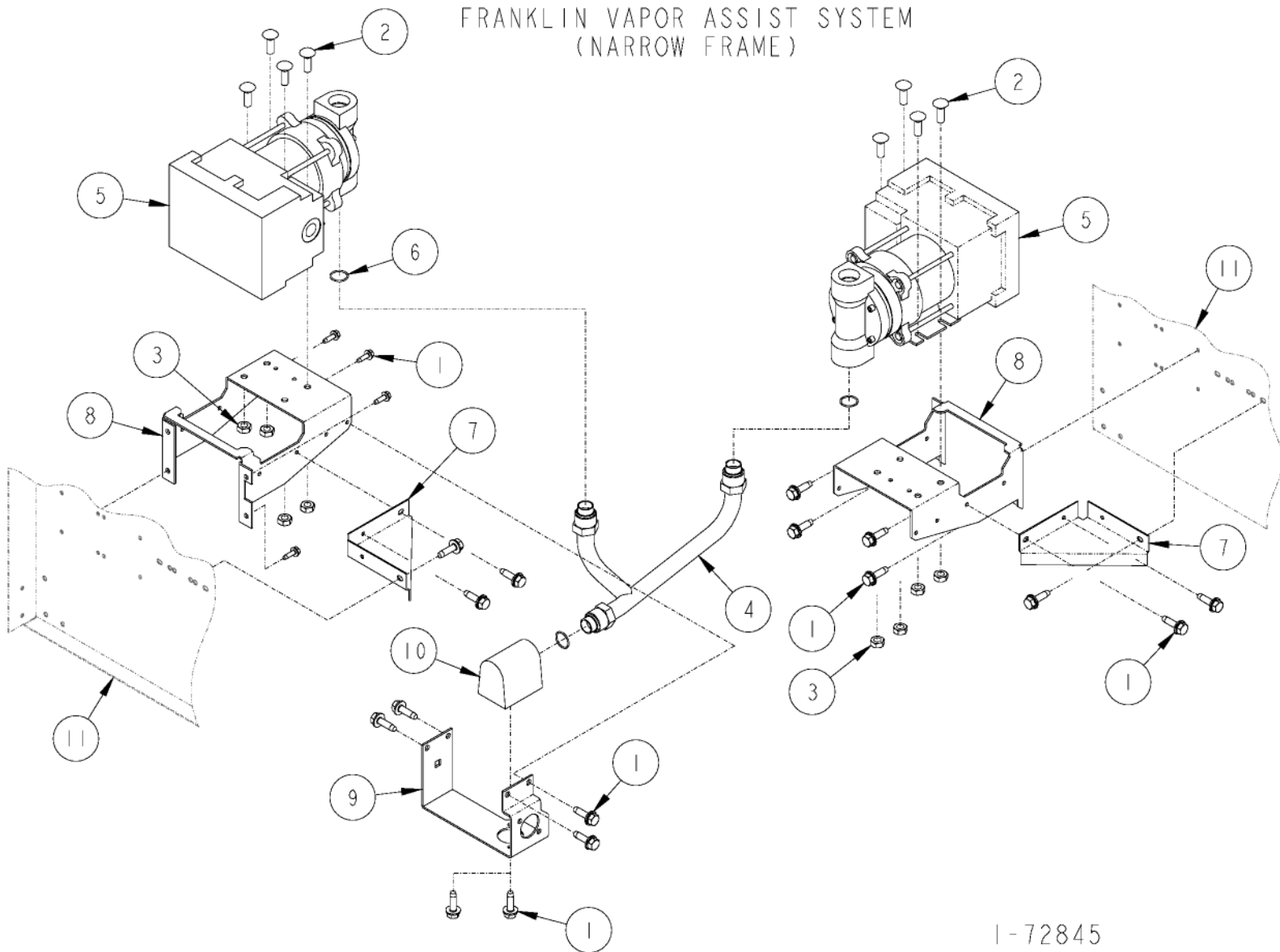
1-72848

VAPOR CONTROL ASSEMBLY

VAPOR BALANCED SYSTEM (WIDE FRAME)

ITEM PART		DESCRIPTION
NO.	NO.	
1	4005047	Flange Hex Head Self Tapping Screw
2	4070205	Coupling
3	4070237	Vapor Tube
4	4070238	Vapor Tube (Double Sided Dispenser
5	4160009	"O" Ring
6	8200405	Pump Mounting Bracket Support
7	8200428	Pump Mounting Bracket
8	8200431	Manifold Block Support
9	8200433	Vapor Tube Support
10	Manifold Block	
	8300422	Double Sided Dispenser
	8300424	Single Sided Dispenser
11	For parts call out of Lower Frame Assembly see 72824.	

VAPOR CONTROL ASSEMBLY FRANKLIN VAPOR ASSIST SYSTEM (NARROW FRAME)



1-72845

VAPOR CONTROL ASSEMBLY

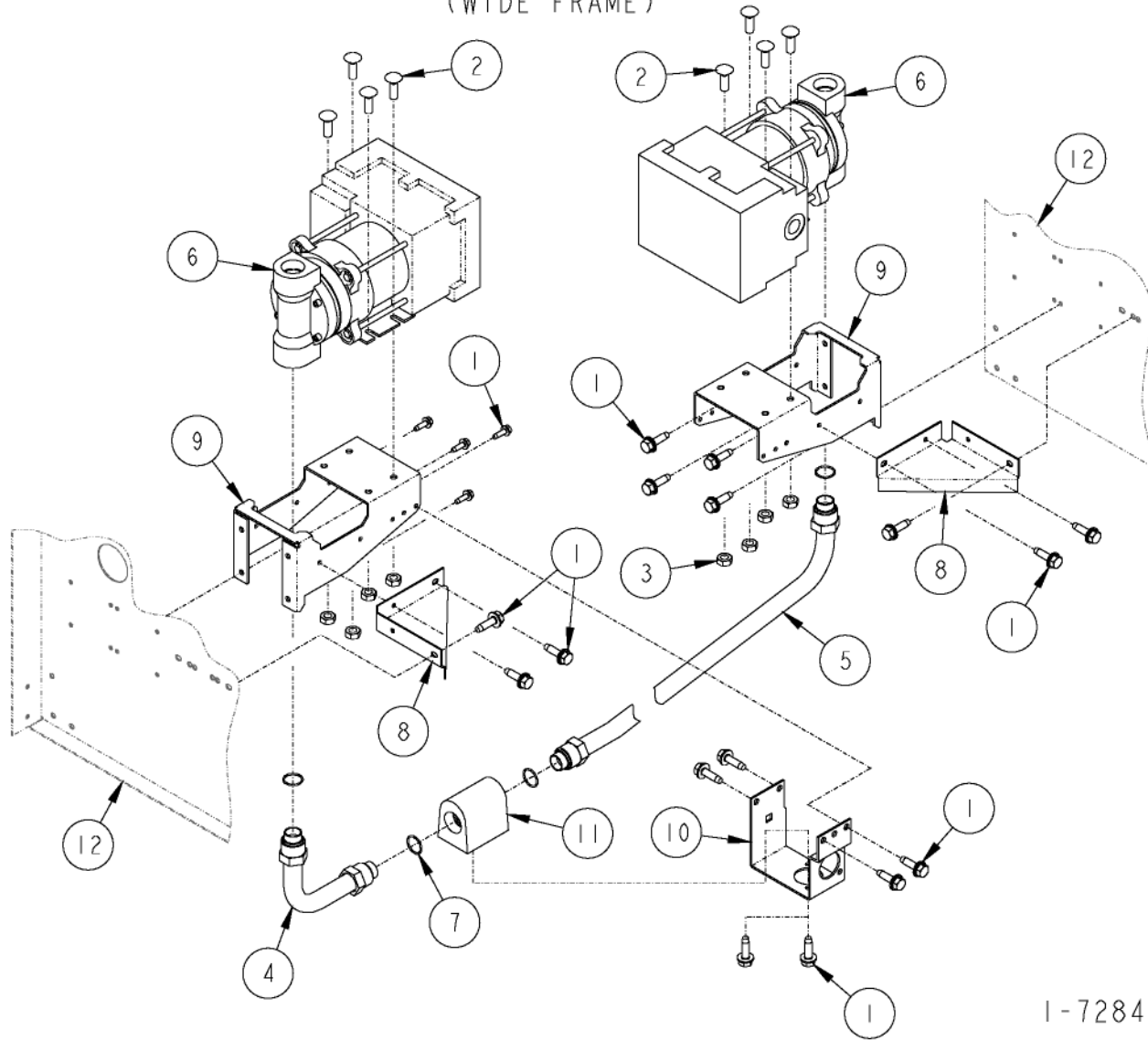
FRANKLIN VAPOR ASSIST SYSTEM (NARROW FRAME)

ITEM	PART	
NO.	NO.	DESCRIPTION
1	4005047	Flange Hex Head Self Tapping Screw
2	4005056	1/4-20 x 3/4" Long Carriage Bolt
3	4026018	1/4-20 Lock Nut
4	<u>Vapor Tube</u>	
	4070245	Single Sided Dispenser
	4070243	Double Sided Dispenser
5	<u>Franklin</u>	
	4090075	110 Volt
	4090097	220 Volt
6	4160009	"O" Ring
7	8200405	Pump Mounting Bracket Support
8	8200434	Pump Mounting Bracket
9	8200435	Manifold Block Support
10	8300424	Manifold Block
11	For parts call out of Lower Frame Assembly see	
	<u>72845</u>	

VAPOR CONTROL ASSEMBLY

FRANKLIN VAPOR ASSIST SYSTEM

(WIDE FRAME)



1-72846

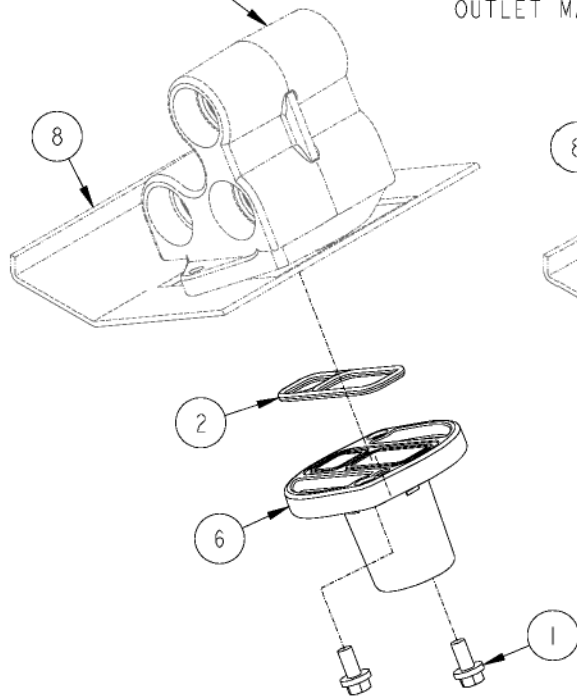
VAPOR CONTROL ASSEMBLY

FRANKLIN VAPOR ASSIST SYSTEM (WIDE FRAME)

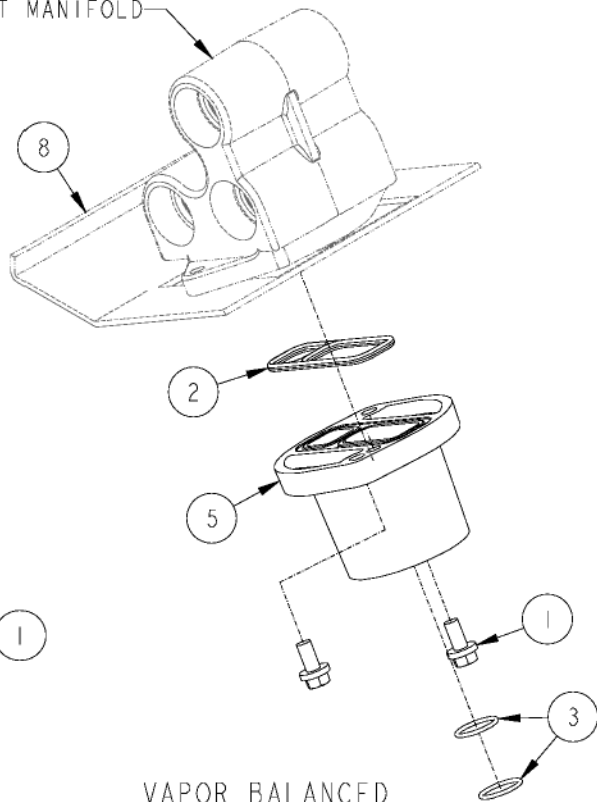
ITEM PART		DESCRIPTION
NO.	NO.	
1	4005047	Flange Hex Head Self Tapping Screw
2	4005056	1/4-20 x 3/4" Long Carriage Bolt
3	4026018	1/4-20 Lock Nut
4	4070237	Vapor Tube
5	4070238	Vapor Tube (Double Sided Dispenser Only)
6	Franklin	
	4090075	110 Volt
	4090097	220 Volt
7	4160009	"O" Ring
8	8200405	Pump Mounting Bracket Support
9	8200428	Pump Mounting Bracket
10	8200431	Manifold Block Support
11	Manifold Block	
	8300422	Double Sided Dispenser
	8300424	Single Sided Dispenser
12	For parts call out of Lower Frame Assembly see 72824.	

HOSE OUTLET ADAPTORS

OUTLET MANIFOLD

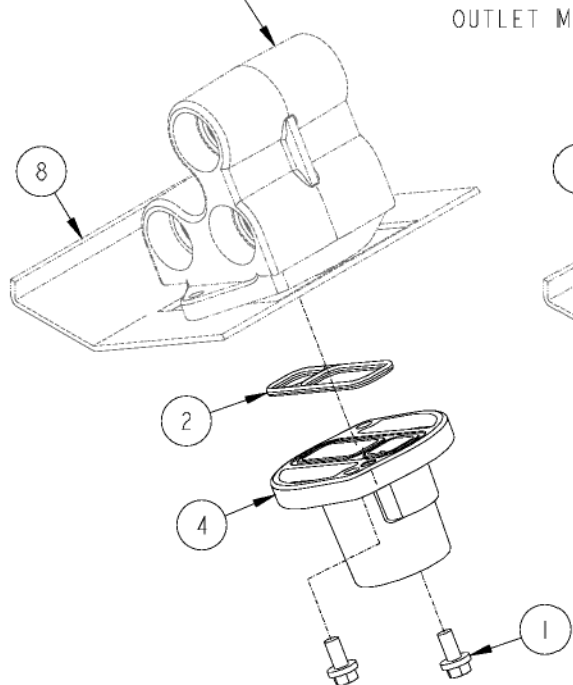


OUTLET MANIFOLD



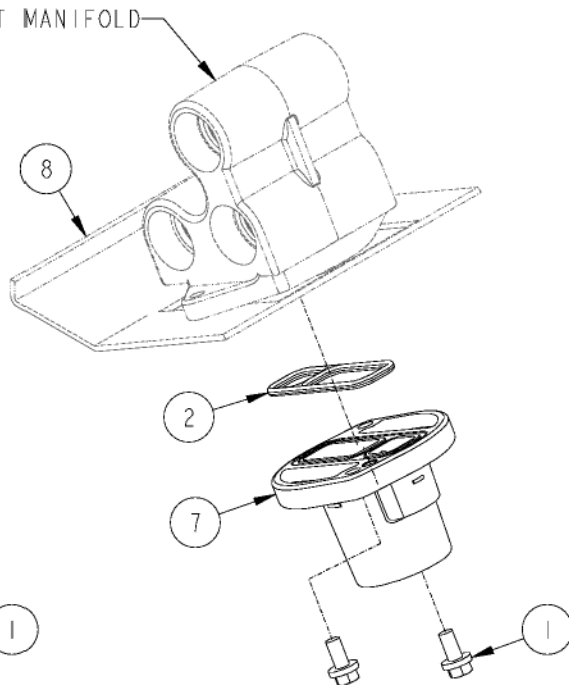
NON VAPOR RECOVERY

OUTLET MANIFOLD



VAPOR ASSIST FRANKLIN

OUTLET MANIFOLD



HEALY VAPOR ASSIST

HOSE OUTLET ADAPTERS

ITEM PART

NO. NO.

DESCRIPTION

1	4005047	1/4-20 x 1/2" Long Hex Head Flange Self-Tapping
2	4160010	Gasket
3	4160012	"O" Ring
4	8100314	Hose Outlet Adapter "Franklin Vapor Assist"
5	8100357	Hose Outlet Adapter "Vapor Balance"
6	8100329	Hose Outlet Adapter "Non Vapor Recovery"
7	8100330	Hose Outlet Adapter "Healy Vapor Assist"
8	For parts call out of Canopy Assembly see 72843.	

Suction System

Suction System

Models 11101 & 11111

Models 22201 & 22221

Motor Assembly

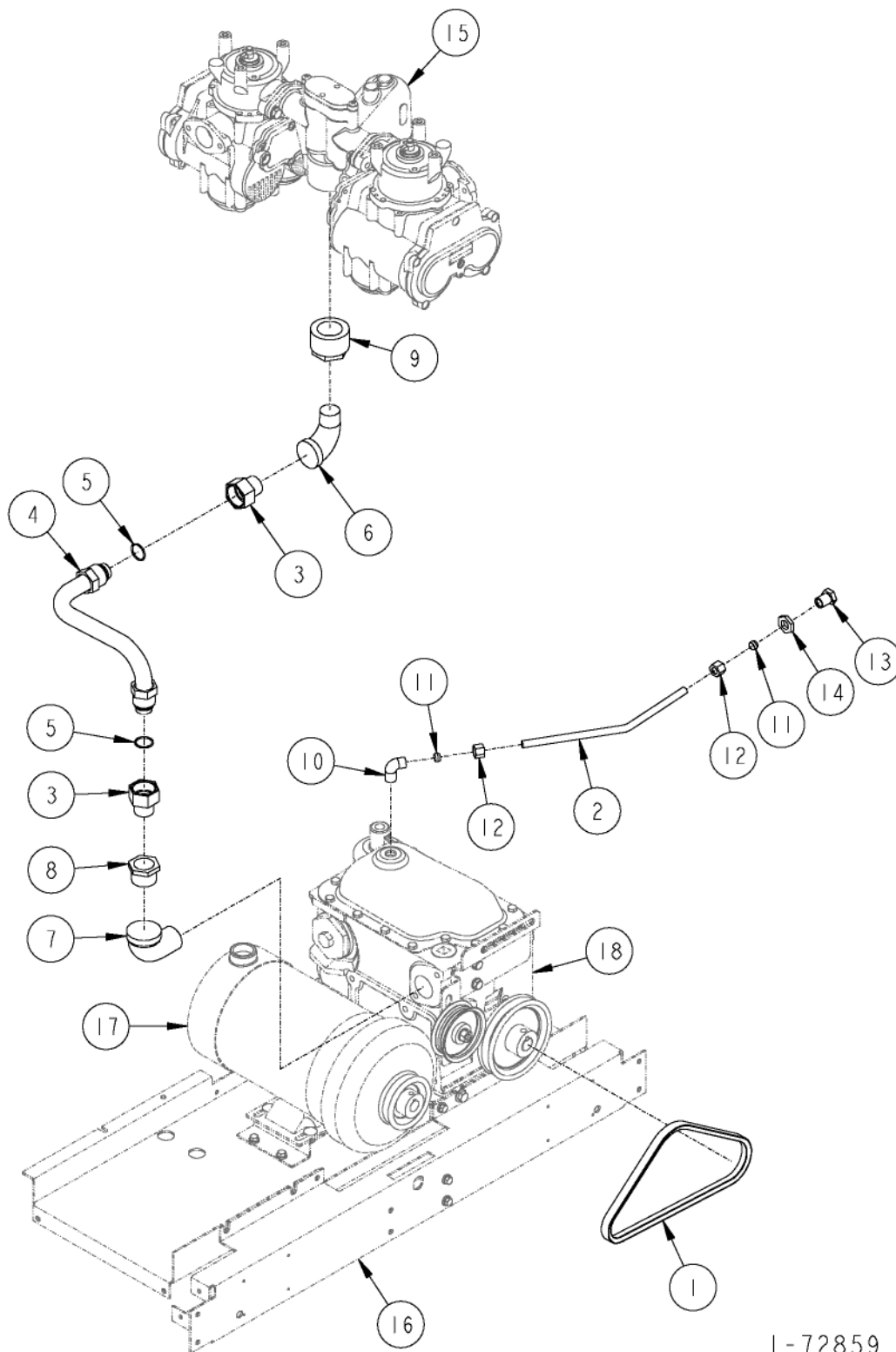
Models 11101 & 11111

Models 22201 & 22221

Rotary Pump Assembly

Rotary Pump & Air Separator

SUCTION SYSTEM MODELS 11101 & 11111



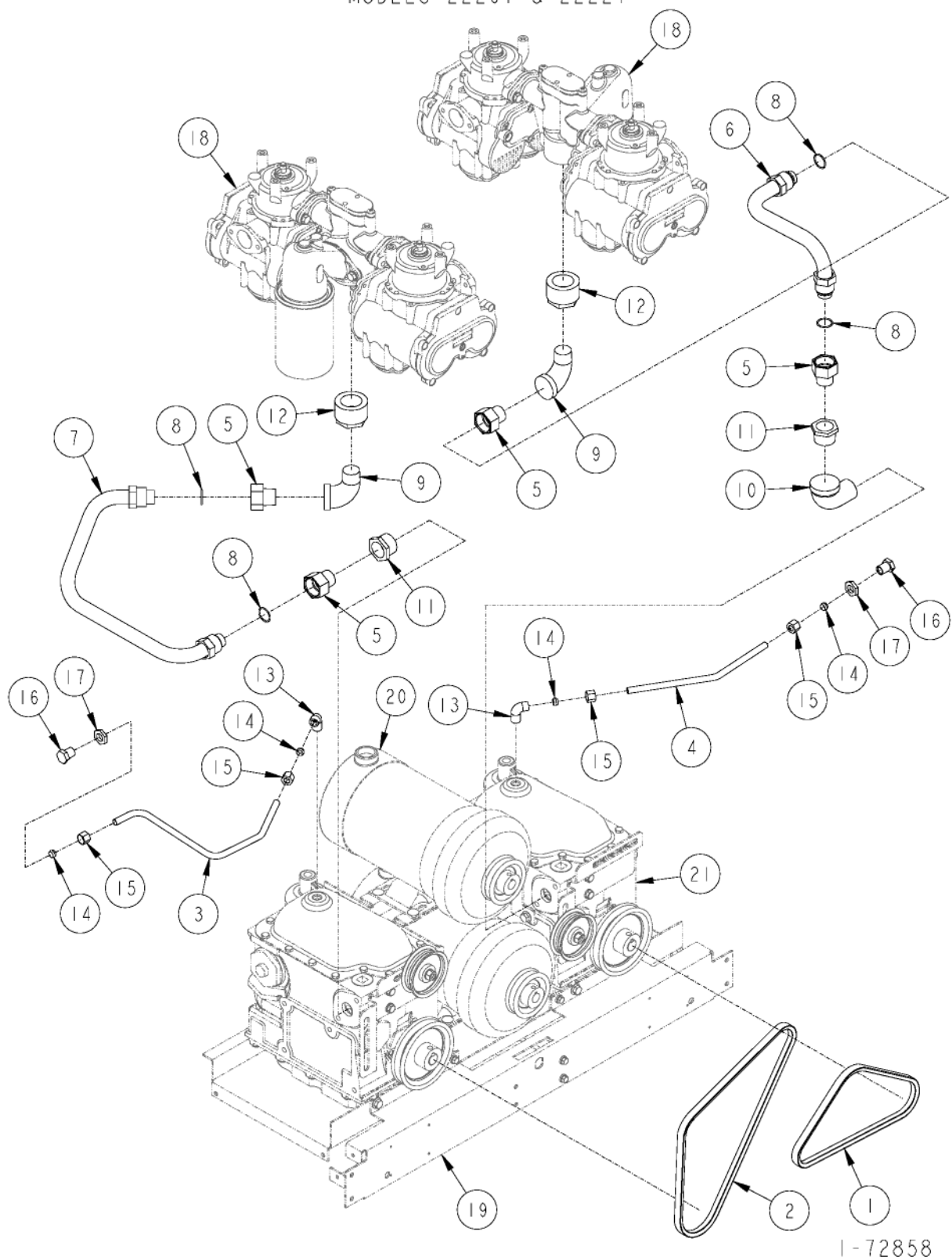
1-72859

SUCTION SYSTEM

MODELS 11101 & 11111

ITEM NO.	PART NO.	DESCRIPTION
1	<u>V- Belt</u>	
	38-37852	4L300 (115v, 230v & 380v 50hz)
	39-37852	4L280 (115v, 230v & 380v 60hz)
2	1-321228	Vapor Vent Tube
3	4070113-14	Tubing Adapter
4	4070358	Fluid Line (Product #1)
5	4160009	"O" Ring (7/8" Tube)
6	05-51710	3/4" Street Elbow
7	06-51710	1" Street Elbow
8	11-51850	1" x 3/4" Hex Bushing
9	23-51850	1 1/2" x 3/4" Reducer
10	14-52020	Compression Elbow
11	05-52040	Compression Sleeve
12	14-52040	Compression Nut
13	8300073	Air Separator Vent
14	8300074	Air Separator Vent Nut
15	<u>For parts call out of Meters, Pulsers & Totalizers see</u>	
16	<u>For parts call out of Lower Frame Assembly see 72856.</u>	
17	<u>For parts call out of Motor Assembly see 72860.</u>	
18	<u>For parts call out of Rotary Pump Assembly see 72862.</u>	

SUCTION SYSTEM MODELS 22201 & 22221

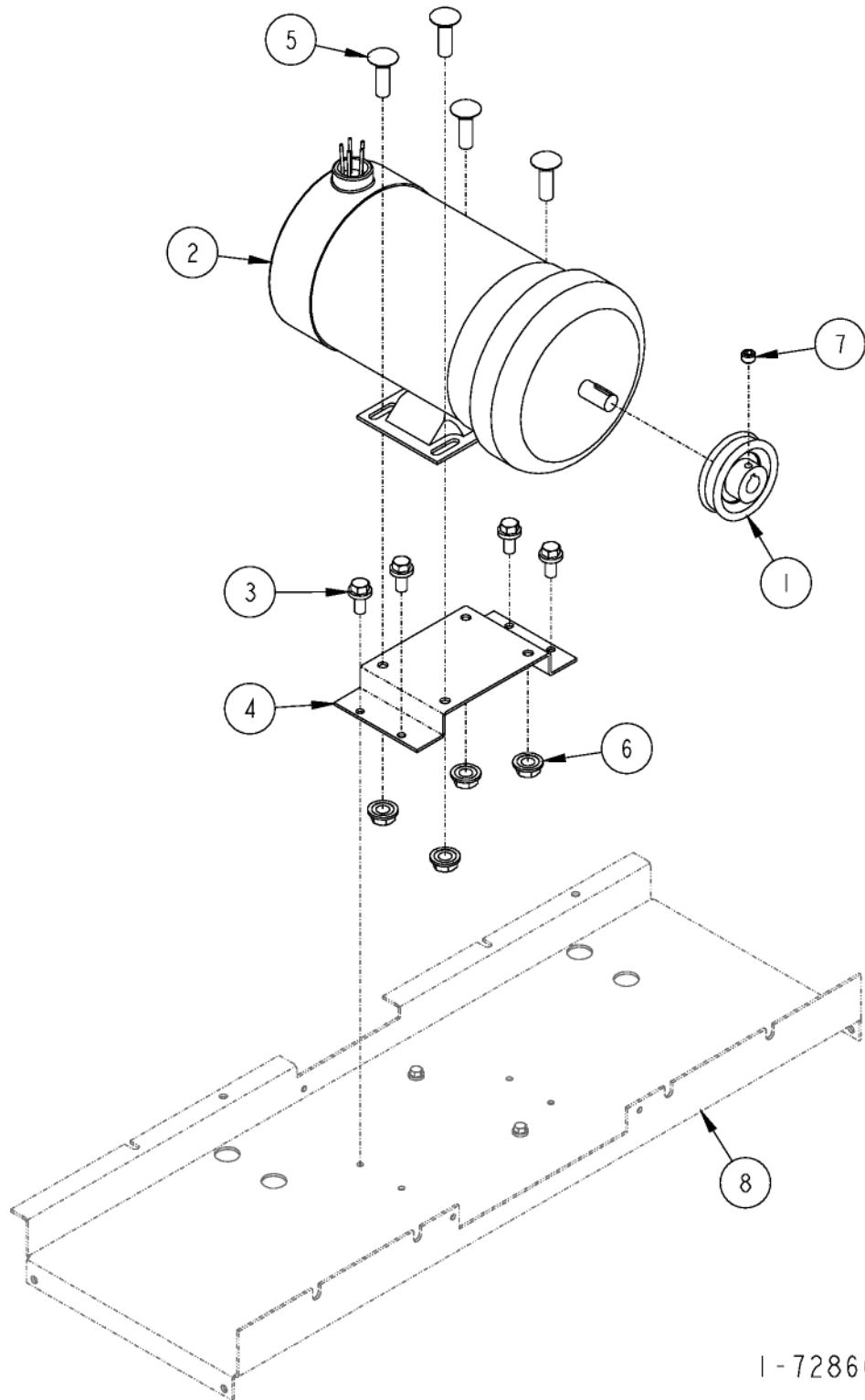


SUCTION SYSTEM

MODELS 22201 & 22221

ITEM	PART	
NO.	NO.	DESCRIPTION
1	16-37852	V-Belt (4L370)
2	V-Belt	
	38-37852	4L300 (115v, 230v & 380v 50hz)
	39-37852	4L280 (115v, 230v & 380v 60hz)
3	1-321227	Vapor Vent Tube
4	1-321228	Vapor Vent Tube
5	4070113-14	Tubing Adapter
6	4070358	Fluid Line (Product #1)
7	4070359	Fluid Line (Product #2)
8	4160009	"O" Ring (7/8" Tube)
9	05-51710	3/4" Street Elbow
10	06-51710	1" Street Elbow
11	11-51850	1" x 3/4" Hex Bushing
12	23-51850	1 1/2" x 3/4" Reducer
13	14-52020	Compression Elbow
14	05-52040	Compression Sleeve
15	14-52040	Compression Nut
16	8300073	Air Separator Vent
17	8300074	Air Separator Vent Nut
18	For parts call out of Meters, Pulsers & Totalizers see	
19	For parts call out of Lower Frame Assembly see 72856.	
20	For parts call out of Motor Assembly see 72861.	
21	For parts call out of Rotary Pump Assembly see 72862.	

MOTOR ASSEMBLY
MODEL 11101 & 11111



1-72860

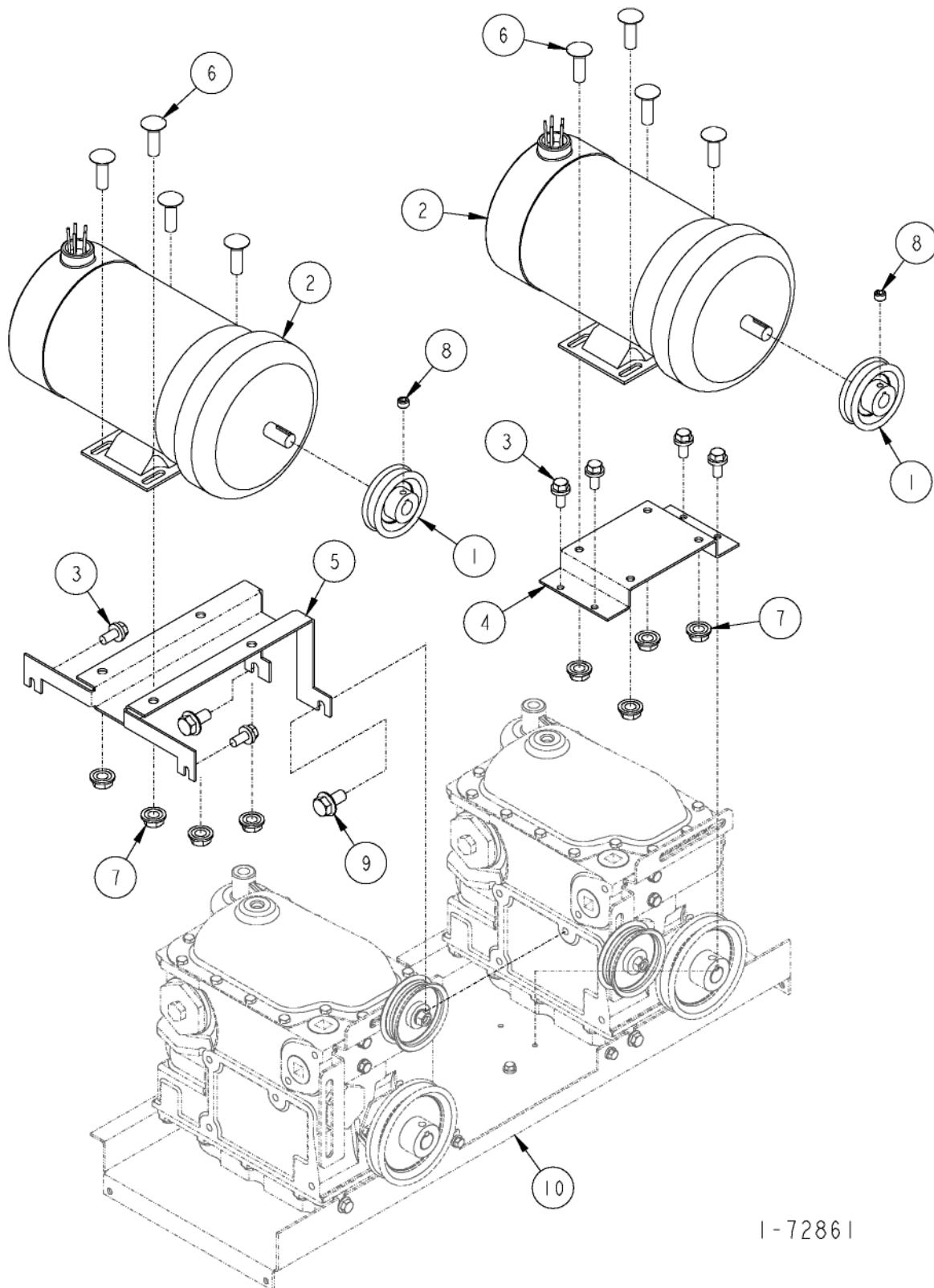
MOTOR ASSEMBLY

MODELS 11101 & 11111

ITEM NO.	PART NO.	DESCRIPTION
1	<u>Motor Pulley</u>	
	1-119529	50 Hz Motor
	2-221339	60 Hz Motor
2	<u>Franklin Electric 3/4 H.P. Motor</u>	
	7-422608	115 Volt 60 Hz
	8-422608	230 Volt 60 Hz
	9-422608	380 Volt 60 Hz
3	4005047	1/4-20 x 1/2" Long Hex Head Self Tapping Screw
4	8200498	Lower Motor Bracket
5	182-52198	5/16-18 x 5/8" Long Carriage Bolt
6	02-54752	5/16-18 M-F Flange Whiz Lock Nut
7	65-50721	5/16-18 x 1/4" Long Hex Socket Head Cup Point Set
8	For parts call out of Rotary Pump Assembly see 72862.	

MOTOR ASSEMBLY

MODEL 22201 & 22221



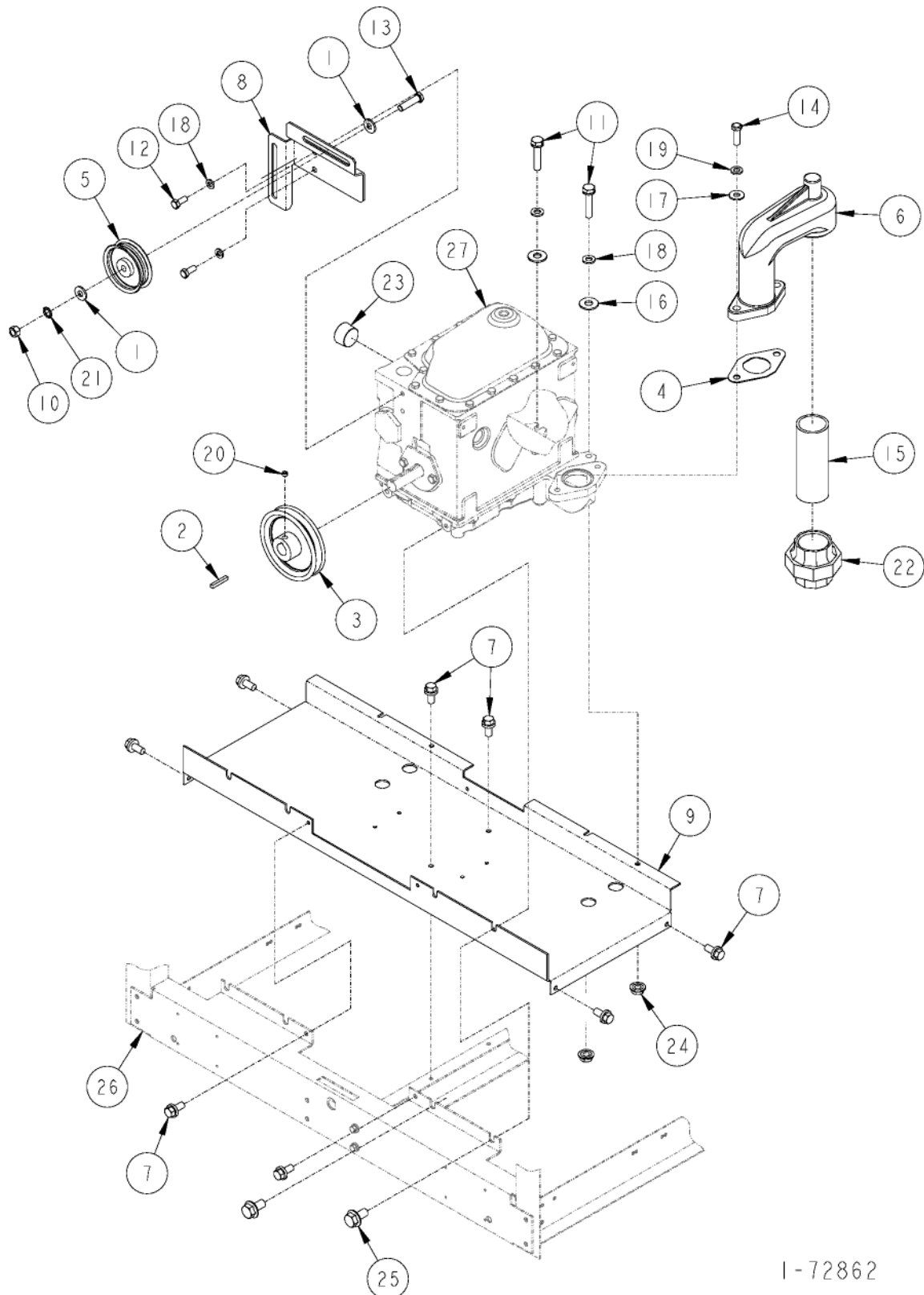
1-72861

MOTOR ASSEMBLY

MODELS 22201 & 22221

ITEM NO.	PART NO.	DESCRIPTION
1	<u>Motor Pulley</u>	
	1-119529	50 Hz Motor
	2-221339	60 Hz Motor
2	<u>Franklin Electric 3/4 H.P. Motor</u>	
	7-422608	115 Volt 60 Hz
	8-422608	230 Volt 60 Hz
	9-422608	380 Volt 60 Hz
3	4005047	1/4-20 x 1/2" Long Hex Head Self Tapping Screw
4	8200498	Lower Motor Bracket
5	8200503	Upper Motor Bracket
6	182-52198	5/16-18 x 5/8" Long Carriage Bolt
7	02-54752	5/16-18 M-F Flange Whiz Lock Nut
8	65-50721	5/16-18 x 1/4" Long Hex Socket Head Cup Point Set
9	35-55132	5/16-18 x 5/8" Long M-F Flange Whiz Lock Screw
10	For parts call out of Rotary Pump Assembly see 72862.	

ROTARY PUMP ASSEMBLY

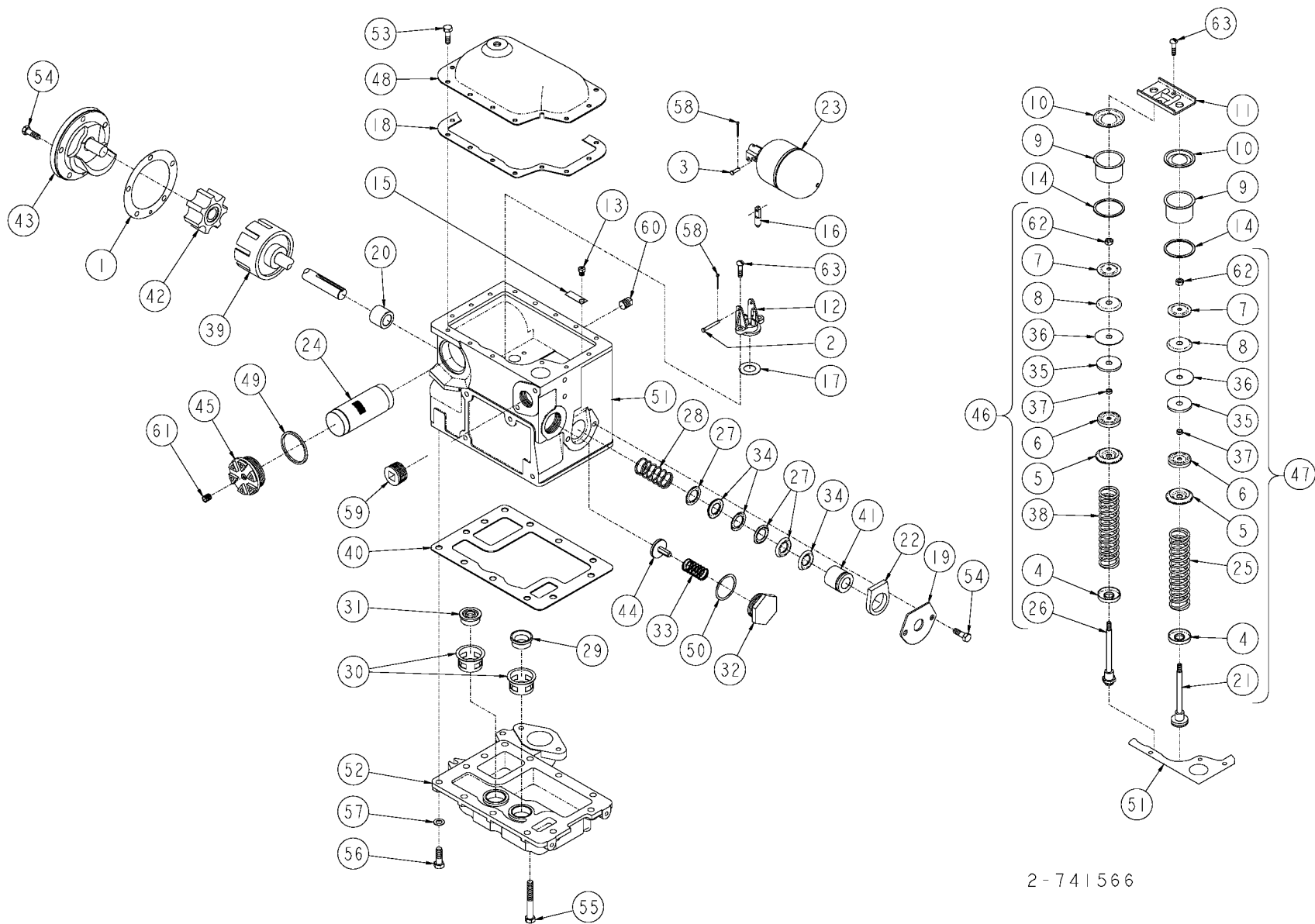


1-72862

ROTARY PUMP ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION
1	2-13867	Washer
2	1-119636	Key
3	1-216295	Pump Pulley
4	1-217902	Pump Inlet Connection Gasket
5	1-221668	Idler Pulley
6	1-38510	Pump Inlet Connection
7	4005047	5/16-18 x 5/8" Long Hex Head Self Tapping
8	8200491	Idler Arm
9	8200497	Pump Support
10	03-50301	3/8-16 Hex Nut
11	03-50361	1/4-20 x 1-1/4" Long Hex Head Cap Screw
12	33-50361	5/16-18 x 3/4" Long Hex Head Cap Screw
13	67-50361	3/8-16 x 1-1/2" Long Hex Head Cap Screw
14	297-50361	3/8-16 x 1-1/8" Long Hex Head Cap Screw
15	124-50560	1-1/2" x Long Pipe
16	02-50611	1/4" Plate Washer
17	03-50611	5/16" Plate Washer
18	14-50641	5/16" Lockwasher
19	15-50641	3/8" Lockwasher
20	65-50721	5/16-18 x 1/4" Long Hex Socket Head Cup Point Scre
21	27-50761	3/8" Lockwasher
22	07-51780	1-1/2" Female Union
23	27-51911	1" Pipe Plug
24	01-54752	1/4- 20 M-F Flange Whiz Lock Nut
25	35-55132	5/16-18 x 5/8" Long M-F Flange Whiz Lock Screw
26	<u>For parts call out of Lower Frame Assembly see 72856.</u>	
27	<u>For parts call out of Rotary Pump & Air Separator see 741566.</u>	

ROTARY PUMP & AIR SEPARATOR



2-741566

ROTERY PUMP & AIR SEPARATOR

ITEM NO.	PART NO.	DESCRIPTION	ITEM NO.	PART NO.	DESCRIPTION	ITEM NO.	PART NO.	DESCRIPTION
1	1-17526	Gasket	33	1-120733	Poppet Spring	51	(Continued)	
2	1-18654	Float Lever Pin	34	1-121394	"V" Packing			Item #28, (3 ea) Item #34,
3	1-18655	Valve Pin	35	1-126295	Plunger Guide			(1 ea) Item #40, (1 ea) Item
4	1-18716	Guide Plate	36	1-126343	Plunger Disc			#41, (1 ea) Item #49, (1 ea)
5	1-18717	Spring Plate	37	1-126344	Plunger Spacer			Item #50
6	1-18718	Plunger Head	38	By-Pass Valve Spring		52	408143-2	Lower Pump Head With
7	1-18719	Plunger Plate		1-18735	34 to 35-1/2 Lbs.			Valve Seat Guides,
8	1-18720	Plunger Follower		1-19048	53 Lbs.			Regulating Valve Seat
9	1-18721	Valve Cylinder		1-131178	44-1/2 Lbs.	53	01-50360	1/4-20 x 1/2" Long Hex Head
10	1-18722	Cylinder Head		1-230439	60 lbs.			Cap Screw
11	1-18731	Clamp Plate		1-231015	60 lbs. (Stainless Steel)	54	34-50360	5/16-18 x 7/8" Long Hex Head
12	1-18734	Float Valve Body	39	25664-1	Pump Rotor Shaft Assembly			Cap Screw
13	1-18750	Vent Screw	40	1-25879	Bottom Head Gasket	55	71-50360	3/8-16 x 2-1/2" Long Hex Head
14	1-18792	Valve Cylinder Gasket	41	1-210024	Drive Shaft Bearing			Cap Screw
15	1-18799	Vent Screw Guard	42	1-211816	Rotary Pump Idler	56	297-50360	3/8-16 x 1-1/8" Long Hex Head
16	1-18860	Float Valve Needle	43	211818-1	Rotary Pump Head			Cap Screw
17	1-18961	Float Valve Gasket	44	213168-1	Poppet Disc & Relief Valve	57	15-50641	3/8" Lockwasher
18	2-113691	Cover Gasket			Assembly	58	17-51210	1/16" Dia. x 1/2" Long Cotter
19	1-113698	Retainer	45	1-232289	Strainer Cap			Pin
20	1-113703	Bearing	46	217897-5	By-Pass Valve Assembly	59	27-51901	1" Pipe Plug
21	113776-1	Regulating Poppet			(44-1/2 Lbs)	60	02-51911	1/4" Square Head Pipe Plug
22	1-113819	Oil Well Felt	47	217898-1	Regulating Valve Assembly	61	38-51911	1/4" Countersunk Pipe Plug
23	114064-1	Float Assembly	48	1-32089	Separator Cover	62	01-52321	1/4-28 Hex Nut
24	1-115075	Suction Screen	49	2-313235	Gasket	63	403-54921	1/4-20 x 7/8" Long Phillips Pan
25	1-115642	Regulating Valve Spring	50	21-313235	Gasket			Head Machine Screw
26	1-116628	By-Pass Valve Poppet	51	2-402334	Rotary Pump & Separator			
27	1-117475	Packing Gland			Body (Note: Order also (1			For complete Rotary Pump Repair Kit order.
28	1-117660	Packing Spring			Item #13, (2 ea) Item #14, (1			225183-1
29	1-118590	Regulating Valve Seat			ea) Item #15, (1 ea) Item			For complete 855-CC Rotary Pump & Air
30	1-118591	Valve Seat Guide			(1 ea) Item #20, (1 ea)			Separator order: 405952-51
31	1-118640	By-Pass Valve Seat			(3 ea) Item #27, (1 ea)			
32	2-120731	Check Valve Cap						

