



Eclipse®

Illustrated Parts Manual

Computer Programs and Documentation

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Approvals

Gilbarco is an ISO9001 registered company.

Underwriters Laboratories:

U. L. File#	Products listed with U. L.
MH1941	All Gilbarco pumps and dispensers that bear the U.L. listing mark.
MH8467	Transac System 1000 and PAM 1000
E105106	Dell DHM Minitower
E165027	G-SITE

New York City:

NYFD C of A #	Product
4805	The Advantage Series and Legacy Series
4986	Encore and Eclipse

California Air Resources Board (CARB):

Executive Order #	Product
G-70-52	Balance Vapor Recovery
G-70-150-AB	VaporVac

NCWM - Certificate of Compliance:

Gilbarco pumps and dispensers are evaluated by the National Conference of Weights and Measures (NCWM) under the National Type Evaluation Program (NTEP).

NCWM has issued the following Certificates of Compliance (COC):

COC#	Product	Model #	COC#	Product	Model #	COC#	Product	Model #
02-019	Eclipse	Exx	02-026	H111B Series	AC, RAC	02-034	External Mount CRIND	CECXXXXXXXX
02-020	Encore	Nxx		MPD-1 Series	AN, RAN	02-035	Dimension	Dxx
02-021	T-12C Console	PA0188, RA0188	02-027	Fixed Blender	AF, RAF, AG, RAG	02-037	Legacy	Jxxx
	T-12C Console	PA0203, RA0203		Dispenser - Low Profile	AR, RAR		G-SITE Printer (Epson)	PA0307
02-022	T-12G Console	PA0180, RA0180	02-028	Indoor Card	Q11640		G-SITE Distribution Box	PA0306
	T-15 Console	PA0189		Outdoor Card	Q11891		G-SITE Keyboard	PA0304
02-023	T-15 Controller C2	PA0211	02-029	CRIND	—		G-SITE Mini Tower	PA0301
	T-15 Controller	PA0190		TS-1000 Console	PA0240	G-SITE Monitor	PA0303	
02-024	ProBlender	AU, RAU	02-030	TS-1000 Controller	PA0241	G-SITE Printer (Citizen)	PA0308	
	Precision Blender	AE, RAE		Distribution Box	PA0242	02-038	C+ Meter	T19976
	Dispenser - Standard	AK, RAK		Micro-T Console	PA0250	02-039	Passport	PA0324
	Dispenser - Low Profile	AL, RAL		Meter - EC Series	PA024EC10	02-040	Ecometer	T20453
	Fixed Blender	AP, RAF		VaporVac Kits	CV			
02-025	Meter - C Series	PA024NC10	02-031	The Advantage Series	Bxx, RBxx			
	Meter - C Series	PA024TC10	02-032	Trimline Series	AA, RAA			
	Salesmaker ProBlender	AB, RAB	02-033	Meter - C Series	PA024XC10			
99-165	Salesmaker Series 2/2H/4A	AM		MPD-A3 Series	AD, RAD			

Patents

Gilbarco Inc. products are manufactured or sold under one or more of the following U.S. patents.:

Dispensers

4,566,504	4,556,927	4,570,686	4,687,033	4,728,788	4,748,846	4,781,066	4,793,589	4,799,940	4,805,453	4,876,653	4,890,210	4,913,813	4,930,665
4,934,565	4,938,054	4,938,251	4,939,730	4,967,366	4,978,029	4,986,445	5,013,434	5,029,100	5,040,577	5,083,846	5,098,179	5,099,403	5,110,010
5,134,548	5,156,199	5,269,353	5,228,084	5,325,706	5,345,979	5,355,915	5,363,988	5,384,850	5,407,115	5,417,256	5,448,638	5,561,715	5,450,883
5,452,750	5,464,466	5,493,315	5,501,246	5,514,933	5,515,390	5,535,130	5,542,458	5,543,849	5,546,981	5,557,084	5,571,310	5,592,979	5,602,745
5,561,715	5,602,745	5,626,649	5,630,528	5,708,580	5,719,779	5,719,781	5,720,325	5,724,067	5,734,851	5,755,854	5,782,275	5,794,667	5,798,931
5,803,136	5,843,212	5,857,500	5,868,179	5,871,651	5,890,520	5,898,141	5,954,080	5,956,259	5,969,691	5,971,042	5,979,705	5,980,090	5,992,395
5,996,888	6,026,866	6,026,868	6,032,126	6,052,629	6,054,940	6,062,473	6,065,507	6,065,638	6,067,476	6,070,156	6,073,840	6,078,888	6,078,896
6,082,415	6,085,775	6,087,954	6,092,410	6,098,879	6,102,085	6,116,505	6,119,110	6,123,118	6,149,033	6,157,871	6,170,539	6,176,421	6,184,846
6,185,307	6,185,893	6,196,065	6,227,227	6,244,310	6,250,151	6,253,779	6,263,319	6,275,746	6,296,148	6,302,165	6,313,737	6,325,112	6,326,934
6,336,479	6,338,369	6,347,649	6,352,176	6,357,493	6,360,137	6,363,299	6,364,206	RE35,238	D262,971	D265,092	D306,719	D309,144	D316,471
D413,124	D413,311	D413,336	D413,337	D413,610	D413,901	D413,902	D414,192	D414,501	D414,778	D414,779	D414,780	D414,781	D414,782
D415,166	D415,167	D415,168	D415,169	D415,170	D415,171	D415,172	D415,501	D415,777	D416,915	D416,916	D417,226	D418,523	D420,684
D421,612	D422,285	D422,604	D426,555	D428,424	D428,897	D429,739	D429,740	D432,140	D432,548	D432,552	D433,032	D433,033	D433,034
D433,035	D433,036	D433,037	D433,685	D433,686	D435,051	D440,579	D443,624						

Point of Sale/Back Office Equipment

4,967,366	5,228,084	5,448,638	5,561,715	5,798,931	5,980,090	5,493,315	5,708,580	5,719,779	5,719,781	5,724,067	5,734,851	6,032,126	6,067,527
6,073,840	6,078,888	6,116,505	6,185,307	6,263,319	6,275,746	6,326,934	6,360,137	6,363,299	6,364,206				

Additional U.S. and foreign patents pending.

Trademarks

Non-registered trademarks

C-PAM™	G-SITE® Lite™	Surge Management System™
ECR™	Highline™	Tank Monitor™
EMC™	MultiLine™	TCR™
G-CAT™	Optimum™ Series	Ultra-Hi™
Gilbert™	PAM™ 1000	ValueLine™
G-Poll™ Interface	PAM™	
SmartPad™	Encore™	

Registered trademarks

Dimension® Series	The Advantage® Series	Eclipse®
Gilbarco®	Transac®	TRIND®
InfoScreen®	Trimline®	Passport®
Legacy®	VaporVac®	CRIND®
Making Things Better®	G-SITE®	Performer®
MPD®	Transac® System 1000	InfoScreen®
GOLD®		

Additional U.S. and foreign trademarks pending.

Other brand or product names shown may be trademarks or registered trademarks of their respective holders.



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1 – Introduction

This manual contains parts information for Gilbarco Eclipse™ Series pumps and dispensers. Use this manual to help identify part names, part numbers, and quantities required in a specific assembly.

How To Use Your Manual

This manual provides detailed illustrations for Eclipse Series pumps and dispensers. Match the callout numbers from an illustration to the corresponding table to find information on a part name, number, and quantity required for that assembly.

Important Information About Future Releases

In our effort to better serve our users, parts manual sections are released independently of each other. This process will allow for quicker implementation of the most current data. Release information will be included in the section titles of the on-line documentations and in the titles and footer of print and PDF versions of documents. Please look to Gilbarco's on-line document resource "GOLD" for the latest update. The revision history included within this document will describe the changes made.

Related Documents

The following documents provide additional information:

MDE-3802	Encore™ and Eclipse® Site Preparation Manual
MDE-3804	Encore and Eclipse Start-Up Service Manual
MDE-3860	Encore and Eclipse Programming Quick Reference
MDE-3893	Encore and Eclipse Owners Manual
MDE-3944	Encore and Eclipse ADA Specification Guide
MDE-3986	Eclipse Installation Manual

Parts Tables

The tables in this manual are set up as follows. Definitions for each column are provided below.

Item #	Description	Current Part	Previous Part	Quantity
1	PCA, Terminal Block Board	M00044A001	-	1
	• plastic PCB Standoff	Q10651-02	-	2

Item

The Item # column provides digits that match callouts on the related illustrations.

Description

The Description column provides a detailed name for each part from the illustration. Where

applicable, information such as colors, dimensions, or other details are provided.

Current Part

The Current Part column provides current Gilbarco part numbers for each item.

Previous Part

The Previous Part column provides part numbers that are no longer in use on current models. The previous part numbers are provided to help identify obsolete items that may still be in the field. Where possible, notes are provided to clarify the difference between old and new parts.

Quantity

Quantity is per assembly shown. Quantity per unit will vary depending on unit configuration. Use specification in parts table to obtain fasteners locally. Most kits contain hardware required for installation.

Bulleted Items (located under Description)

These items are directly related to the previous part number listed. Parts are generally used for mounting or fastening hardware.

When Ordering Parts

Keep the following items in mind when ordering Gilbarco parts:

- 1 Please furnish the model number, date code, and original options. This information is stamped on a serial plate riveted to the center of the main frame base on units built before December 2002. Serial plates on units built after December 2002 are affixed to the sheet metal UL barrier located on the main door behind the CIM door. See “Serial Plate (Units built end of Dec 2002)” on page 1-3 or “Serial Plate (Units built after Dec 2002)” on page 1-3.
- 2 Provide the following information:
 - Part number
 - Quantity of the part needed
 - Description of part
 - Color, graphics, and other details needed for order entry items.

Figure 1-1: Serial Plate (Units built end of Dec 2002)

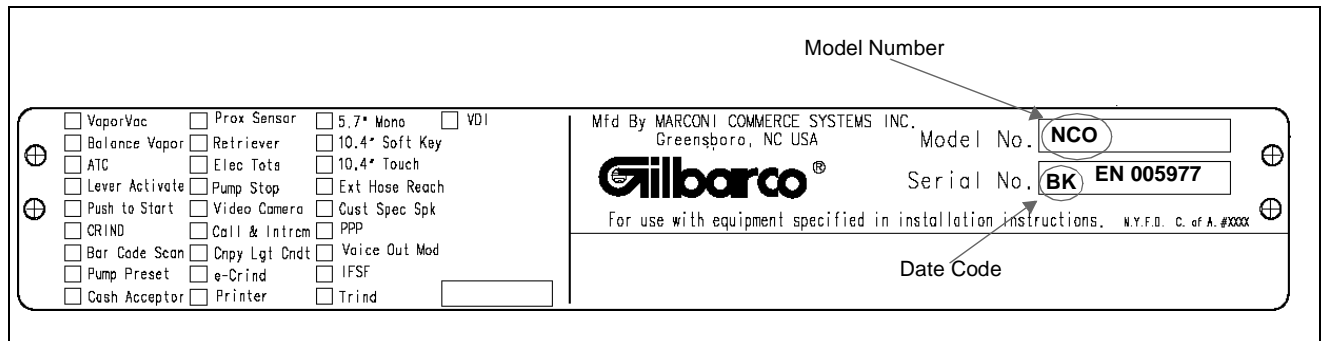
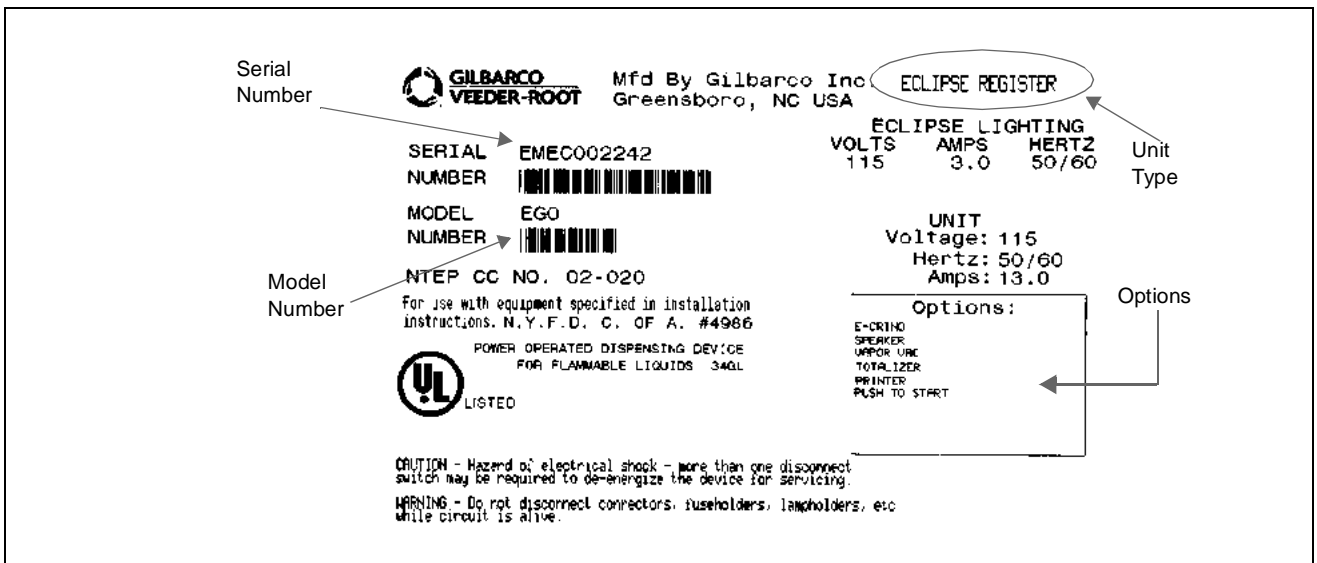


Figure 1-2: Serial Plate (Units built after Dec 2002)



Model Number

The model number provides information on the configuration and options of the unit. In the example provided above, the model number NCO corresponds to an Encore Unit Type (Pump) single grade.

For more information on Model Codes, see Reference MDE-3985 Encore Installation Manual.

Date Code

The date code provides the month and year of manufacture. In the example provided above, an Encore unit stamped BK was built in February 2001. Use the chart below as reference to help determine date codes.

Month Codes		
A = January	E = May	J = September
B = February	F = June	K = October
C = March	G = July	L = November
D = April	H = August	M = December
Year Code		
H = 1999		
J = 2000	N = 2004	T = 2008
K = 2001	P = 2005	U = 2009
L = 2002	R = 2006	W = 2010
M = 2003	S = 2007	X = 2011

Serial Number

The serial number identify which unit by customer.

Options

This is a list of customer driven options per unit.

Unit Type

The unit type provides which type of unit either Encore 300, Encore 500 or Eclipse.

Revision History Section

The following table list the revision history of PT-1938, Eclipse™ Series Pumps and Dispensers Illustrated Parts Manual.

PT-1938A (July 2000)

- Added new section **Door Module Electronics Section**.
 - The following sections are updated in this release, Introduction, CD Module Electronics Section, Vapor Vac Module Section, Meter Section, and the Digital Valve and Coil Section.
 - Changed page numbering.
 - Revision date added to each section.
-

PT-1938B (August 2001)

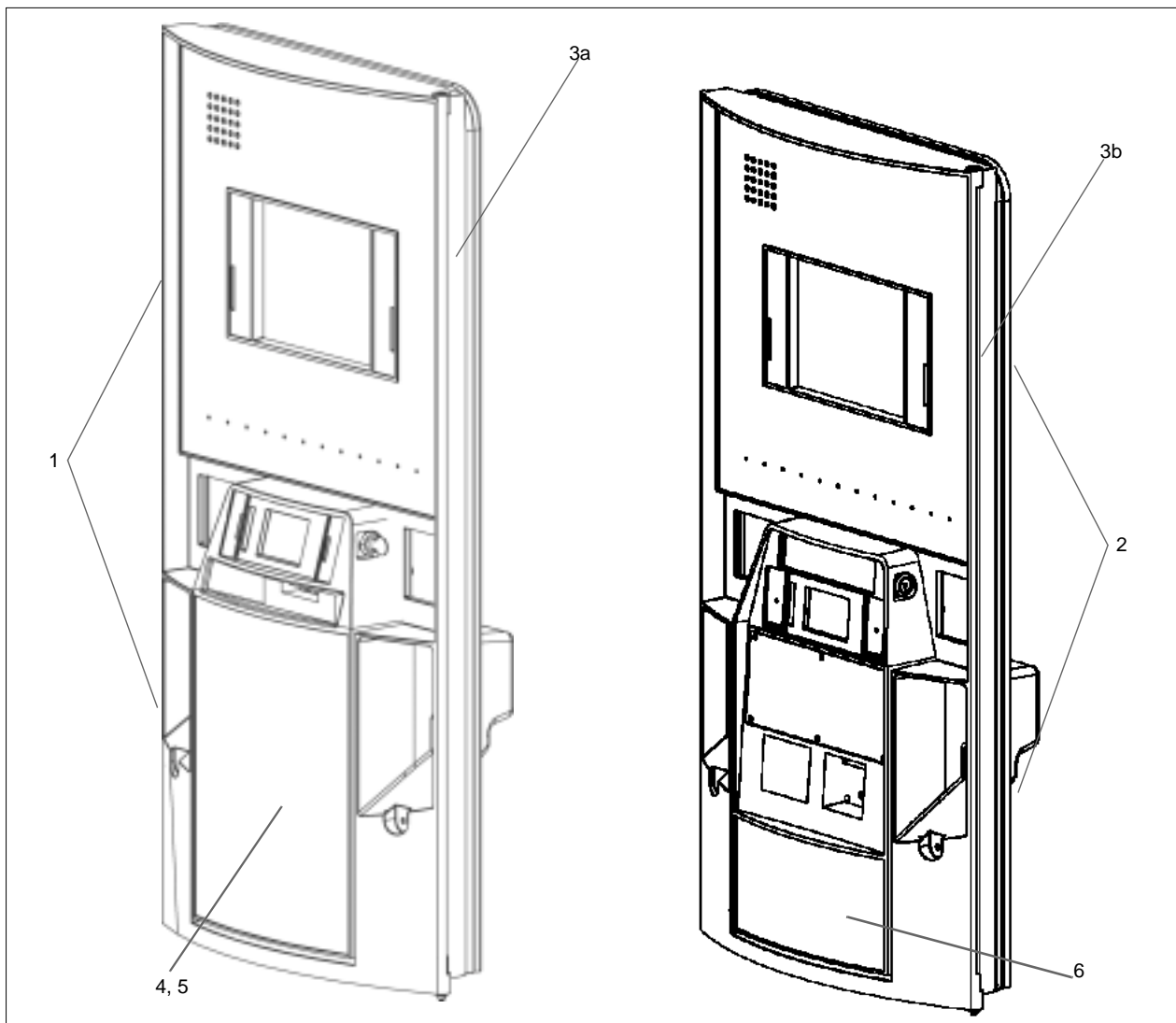
- Added two new sections **Cable Assemblies and Sheathing Sections**.
 - Updated all existing sections with the latest Revision and Date.
-

PT-1938C (February 2003)

- See top of next page for PT-1938C Record of Revision.
-

Record of Revision PT-1938C (June 2003)		
Section	List of Effective Pages	Brief description of change
Title Page	Front Cover	Updated Title Page revision C along with usage of the latest front cover.
Table of Contents	Pages i thru ia	Updated Table of Contents by rearranging sections. Refer to the latest Table of Contents for current list of sections and new page numbers. <ul style="list-style-type: none"> • Adding the following new sections: 10-1 VaporVac, 11-1 Junction Box and Conduit, 13-1 Option.
Introduction	Pages 1-1 thru 1-6	<ul style="list-style-type: none"> • Added new Serial Plate illustration along with details. • Updated section by adding Record of Revision PT-1938C.
CD Module Electronics	Pages 3-1 thru 3-8	Updated CD Module Section with the following changes: <ul style="list-style-type: none"> • (Base Electronics M00459A002) M00719A002 Cable, Serial Programming Port is obsolete as of 1/10/03. Changed made based upon internal ECO. • (Base Electronics Section M00459A002) M00150A002 E-cal Switch cable was replaced by M00150A001. • Adding new Base Electronics Section M02278A001 (used on units built after 10/20/02). • Added new Power Supply M02274A001 (used on units built after 4/16/03). • Changed name, was CRIND Monochrome Assembly, now CRIND Monochrome Display Assembly.
Door Module Electronics	Page 4-1 thru 4-10	<ul style="list-style-type: none"> • Updated Monochrome Display part numbers, now current part is Q13908-06. • E-CRIND Keypad (ADA CRIND) was part number M00141B001, now M00141B002. • Added Keypads M01199B001 and M02027B001. • Added Speaker Assembly M01124A001. • Added Printer Assembly M00317A001 (used on units built after 10/23/01) • Added Pump Door Node Assembly M00062A001 and M01785A001.
Cable	Pages 5-1 thru 5-32	<ul style="list-style-type: none"> • Removed "used with" column from tables. • Updated section by adding new cables.
Digital Valve	Pages 6-1 thru 6-2	<ul style="list-style-type: none"> • Valve Replacement Kit M02168K001 was replaced by M00246A001.
Hydraulics	Pages 8-1 thru 8-6	Update section by changing the following: <ul style="list-style-type: none"> • Added new illustration showing the proportional valve along with Meter and Manifold to lower hydraulics illustration • Added new illustrations showing Hydraulic frames for Encore 300/500 and Ultra-Hi. • New illustrations showing Manifold Angle Castings.
Frame and Skin	Pages 9-1 thru 9-4	Updated parts list with latest current part numbers.
VaporVac	Pages 10-1 thru 10-6	New section
Junction Box and Conduit	Pages 11-1 thru 11-4	New section
Ad-Light	Pages 12-1 thru 12-2	Illustration and parts list change to show 15 watt bulb and lampholder.
Options	Pages 13-1 thru 13-6	New section added to this revision.
All	All	Updated all footers by adding the latest revision and date.

2 – Door Assembly

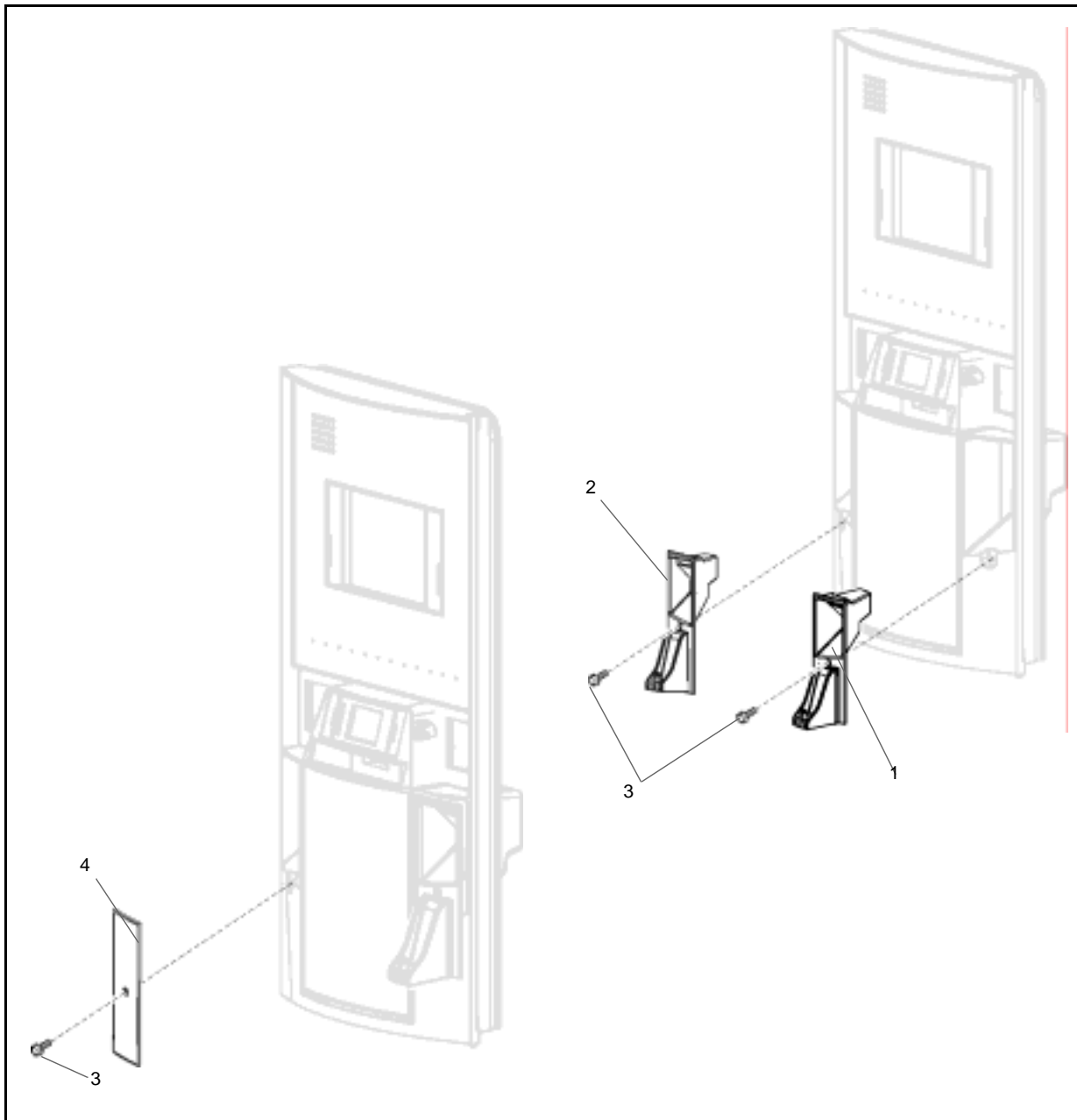


Item #	Description	Current Part	Previous Part	Quantity
1	Main Door assembly (without TRIND and call button)	M00211A001	-	1
2	Main Door assembly (with TRIND)	M00211A201	-	1
3a	• Main Panel, Display (without TRIND)	M00212B002	-	1
3b	• Main Panel, Display (with TRIND)	M00212B001	-	1
4	Oven Door Assembly, CIM, standard (See Note 1)	M00213A001	-	1
5	Oven Door Assembly, CIM, with call button (See Note 1)	M00213A002	-	1
6	Oven Door Assembly	M01509A001	-	1

Note:

1. Items 4 and 5 are obsolete and replaced by item 6, M01509A001.

Door Assembly with Nozzle Boot and Blanking Panel

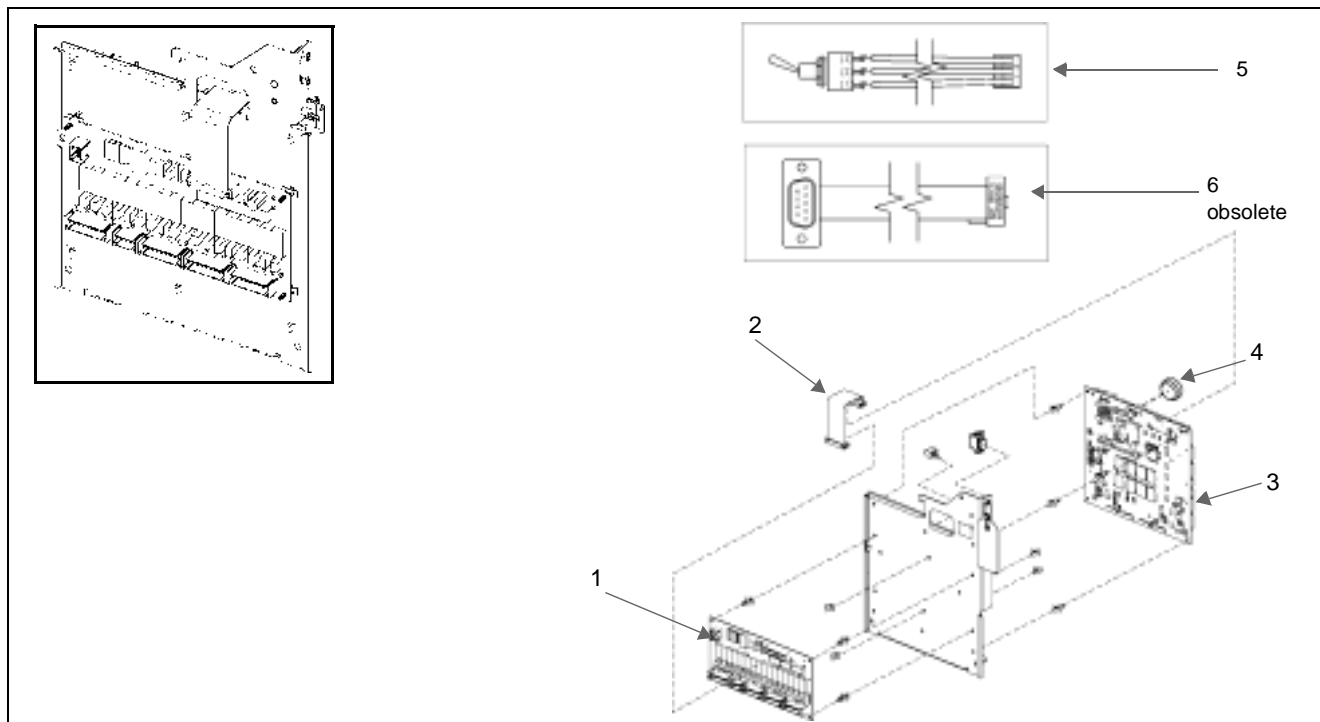


Item #	Description	Current Part	Previous Part	Quantity
1	Nozzle Boot Assembly (right)	M01426A001	-	1
2	Nozzle Boot Assembly (left)	M01427A001	-	1
3	• Screw, Hex Head, Stainless steel	-	-	1 per boot
4	Blanking Panel, Boot (left)	M00220B010	-	1
<i>Not Shown:</i>				
-	Actuator, Auto-ON flap (Used on left nozzle boot M00129A001 and right nozzle boot M00130A001).	M00243A001	-	1

3 – CD Module Electronics Section

Base Electronics Assembly (M00459A005)

(Units built before 10/20/02)



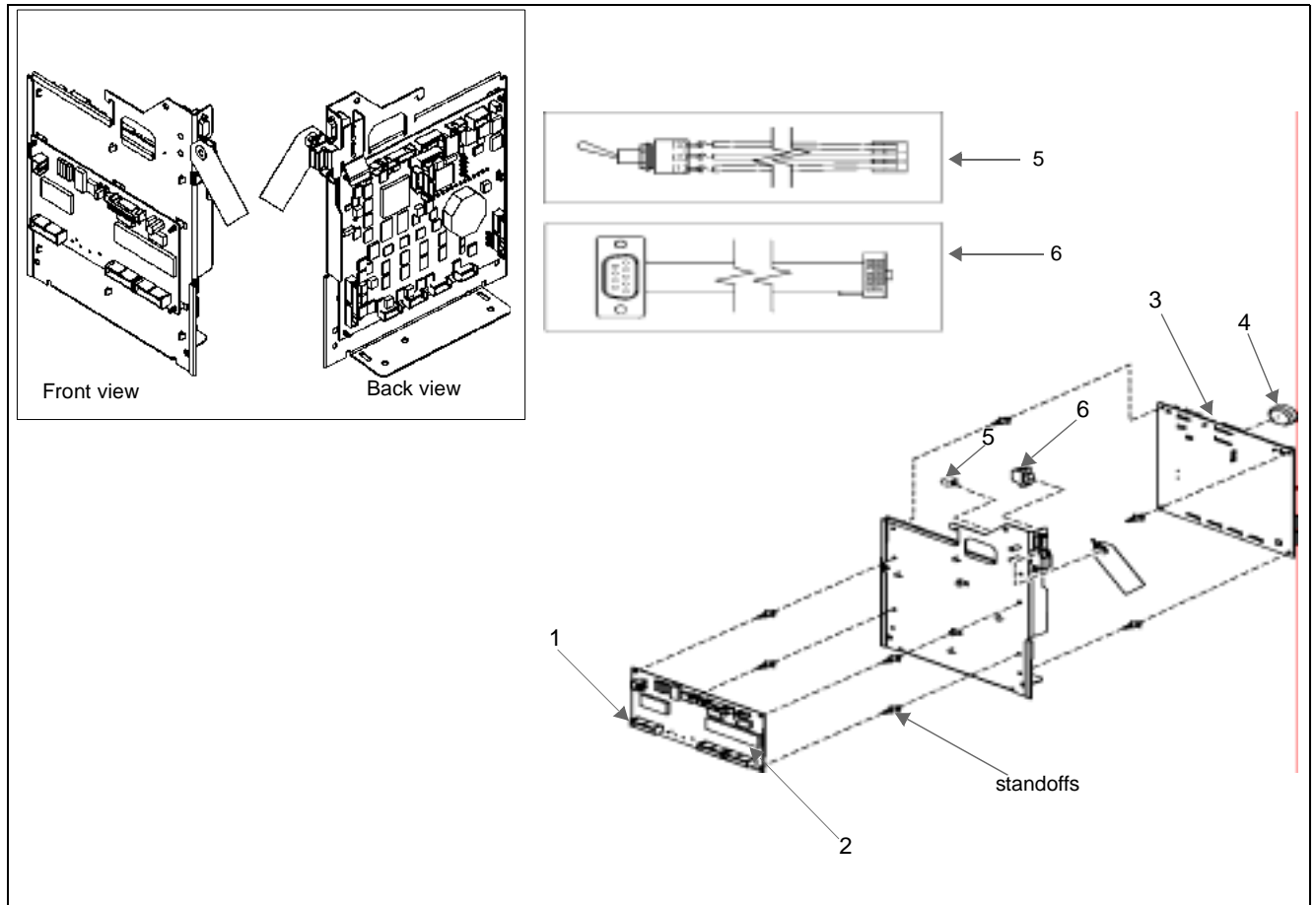
Item #	Description	Current Part	Previous Part	Quantity
Base Electronics Assembly (Reference only)		M00459A005	M00459A001	1
1	PCA valve board 18 coils	M00059A001 or M00059A002	-	1
	• plastic PCB standoff	-	-	4
	• plastic PCB spacer	-	-	2
2	Cable ribbon 26 position	M00549A001	-	1
3	PCA pump control node	M00056A001	-	1
	• Plastic PCB standoff	-	-	4
	• Plastic PCB spacer	-	-	4
4	Battery, Lithium/Non-Chg.	Q12674-01	-	1
5	Cable, E-CAL switch (See Note 1)	M00150A001	M00150A002	1
6	Cable, serial programming port (Obsolete as of 1/10/03)	-	M00719A002	1

Notes:

1. Items 5 and 6 are remotely located on Security barrier.

Base Electronics Assembly (M02278A001)

(Units built after 10/20/02)



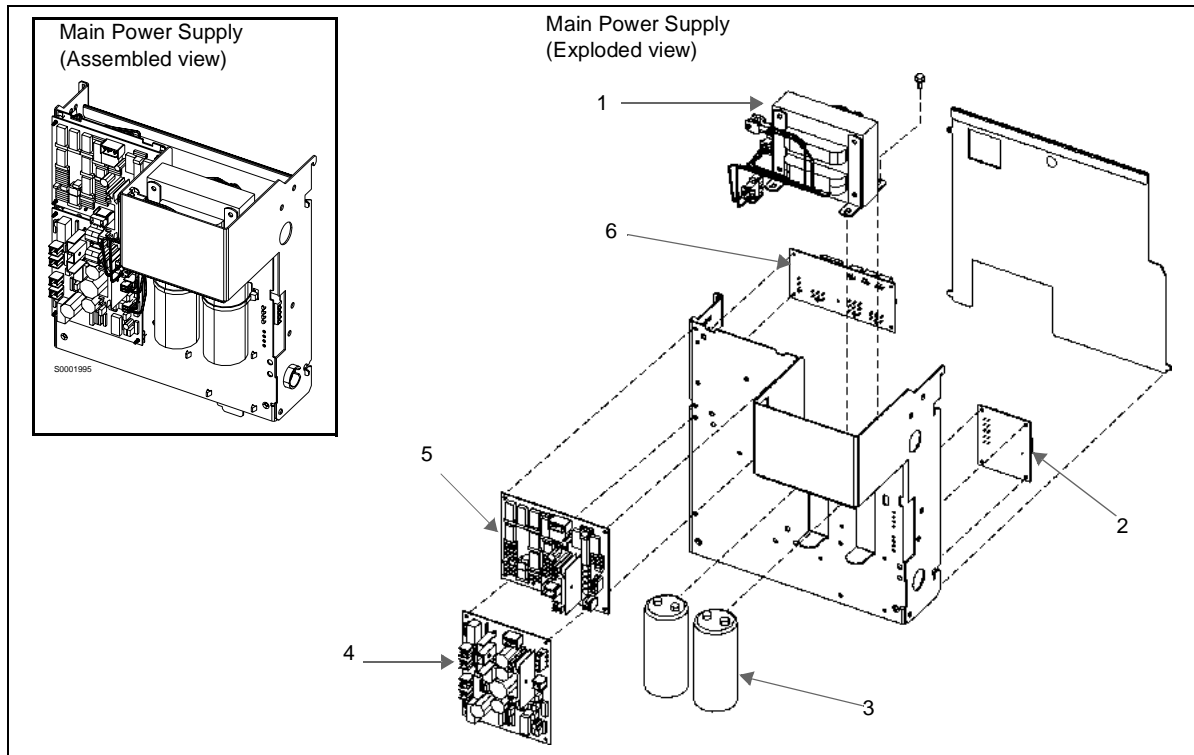
Item #	Description	Current Part	Previous Part	Quantity
Base Electronics Assembly (Reference only)		M02278A001	-	1
1	PCA (Printed Circuit Assembly) valve board 18 coils (See Note 1)	M00059A001	-	1
	• plastic PCB standoff, 1/4-inch	-	-	4
	• plastic PCB spacer, 1/4-inch	-	-	2
2	Cable Ribbon 26 Position (See Note 2)	-	-	1
3	PCA Pump Control Node 2	M01922A001	-	1
	• plastic PCB standoff, 1/4-inch	-	-	4
	• plastic PCB spacer, 1/4-inch	-	-	4
4	Battery, Lithium/Non-Chg.	Q12674-01	-	1
5	E-Cal Cable Switch (See Note 1)	M00150A001	-	1
6	Cable Serial Programming (See Note 2)	-	-	1

Notes:

1. A 12 coil version of this board exists but only the 18 coil version shown will be spared. This 18 coil board is interchangeable with the 12 coil board.
2. Refer to Cable Assemblies section for additional information.

Main Power Supply Assembly (M00458A002)

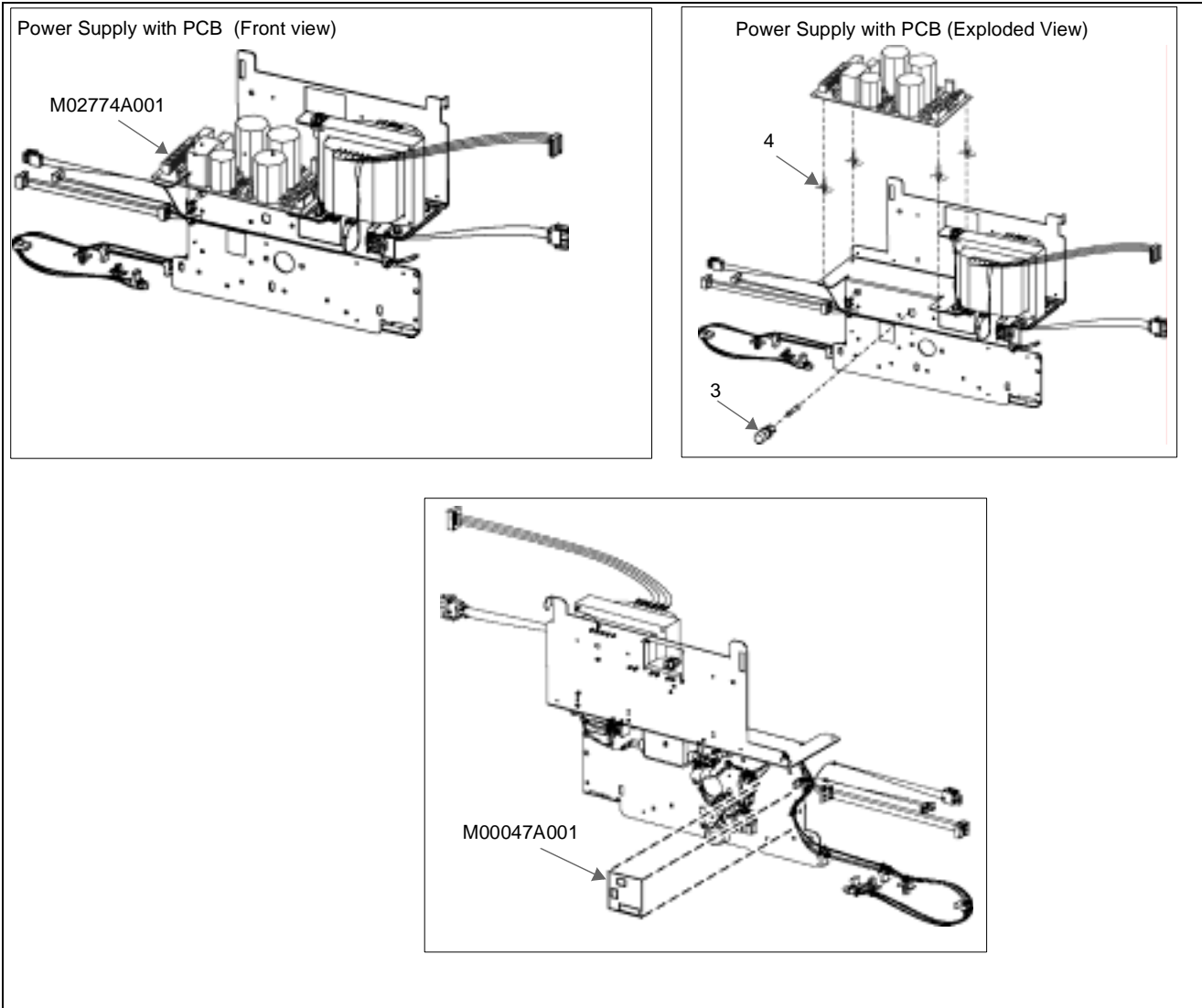
(Units built before 5/1/03)



Item #	Description	Current Part	Previous Part	Quantity
Main Power Supply Assembly (includes items 1 thru 6)		M00458A002	M00458A001	1
1	Transformer, main power supply	M00151A002	M00151A001	1
	Screw, metric thread M5 x 10	-	-	4
2	PCA STP board	M00047A001	-	1
	Plastic PCB standoff	-	-	4
3	Capacitor 47000 UF	Q10271-35	-	2
	Cable tie	Q10178-05	-	2
4	PCA, 24v power supply board	M00053A002	-	1
	Plastic PCB standoff	-	-	4
5	PCA, 18v power supply board	M00050A001	-	1
	Plastic PCB standoff	Q10651-02	-	4
6	PCA, terminal block board	M00044A001	-	1
Not Shown	Cable, Voltage Prog. Plugin 115V	M00488A115	-	1
	Cable, Voltage Prog. Plugin 220V	M00488A220	-	1
	Cable, Voltage Prog. Plugin 230V	M00488A230	-	1
	Cable, Voltage Prog. Plugin 240V	M00488A240	-	1
	Plastic PCB spacer	-	-	1

Main Power Supply Assembly (M02274A001)

(Units built after 5/1/03)



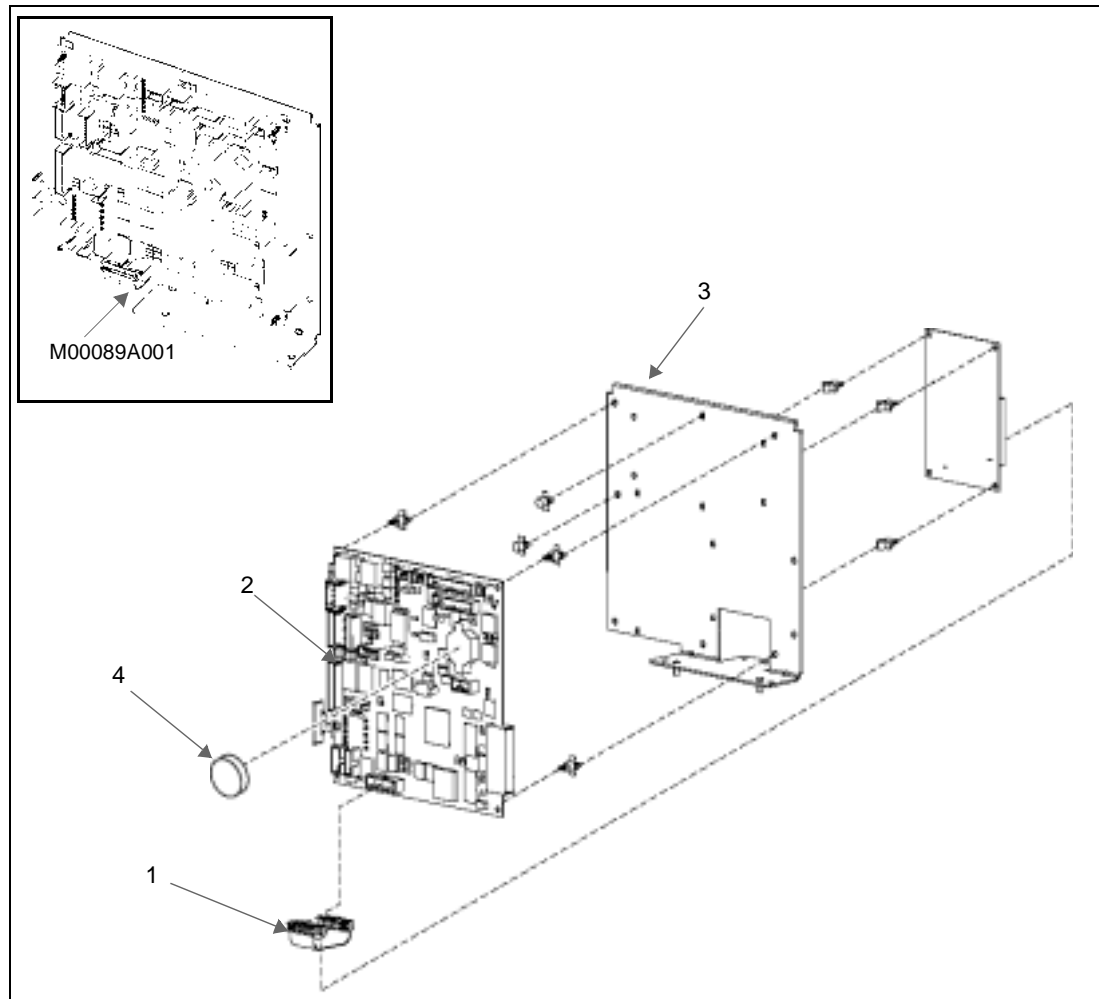
Item #	Description	Current Part	Previous Part	Quantity
	Main Power Supply assembly (See Note 1)	M02274A001	-	1
1	Power Supply PCB (Printed Circuit Board) (See Notes 2 & 3)	M02774A001	-	1
2	PCA (Printed Circuit Assembly) STP (See Notes 2 & 3)	M00047A001	-	1
3	Fuse, 5 AMP, 250V	Q10131-04	-	1
4	• plastic PCB standoff, 1/4-inch	-	-	As required

Notes:

1. This assembly will go into effect on 5/1/03. This assembly will take the place of Main Power Supply M00458 series.
2. Until 8/29/02 Pump uses Power Supply without STP board M00047A001. Dispenser uses Power Supply without M02774A001 board.
3. After 8/29/02 Pump uses Power Supply with M02774A001 board. Dispenser uses Power Supply with STP board M00047A001 and M02774A001 board.

Monochrome CRIND® Assembly (M00610A001)

(Units built before 10/1/02)



Item #	Description	Current Part	Previous Part	Quantity
	Monochrome CRIND® Assembly (Reference Only)	M00610A001	-	1
1	Cable Ribbon 20 Position (See Note 1)	-	-	1
2	PCA CRIND Control Node (See Note 2)	M00089A002	M00089A001	1
	• plastic PCB standoff, 1/4"	-	-	4
3	PCA Monochrome Interface	M00092A001	-	1
	• plastic PCB standoff, 1/4"	-	-	4
4	Battery, Lithium/Non-Chg.	Q12674-01	-	1

Notes:

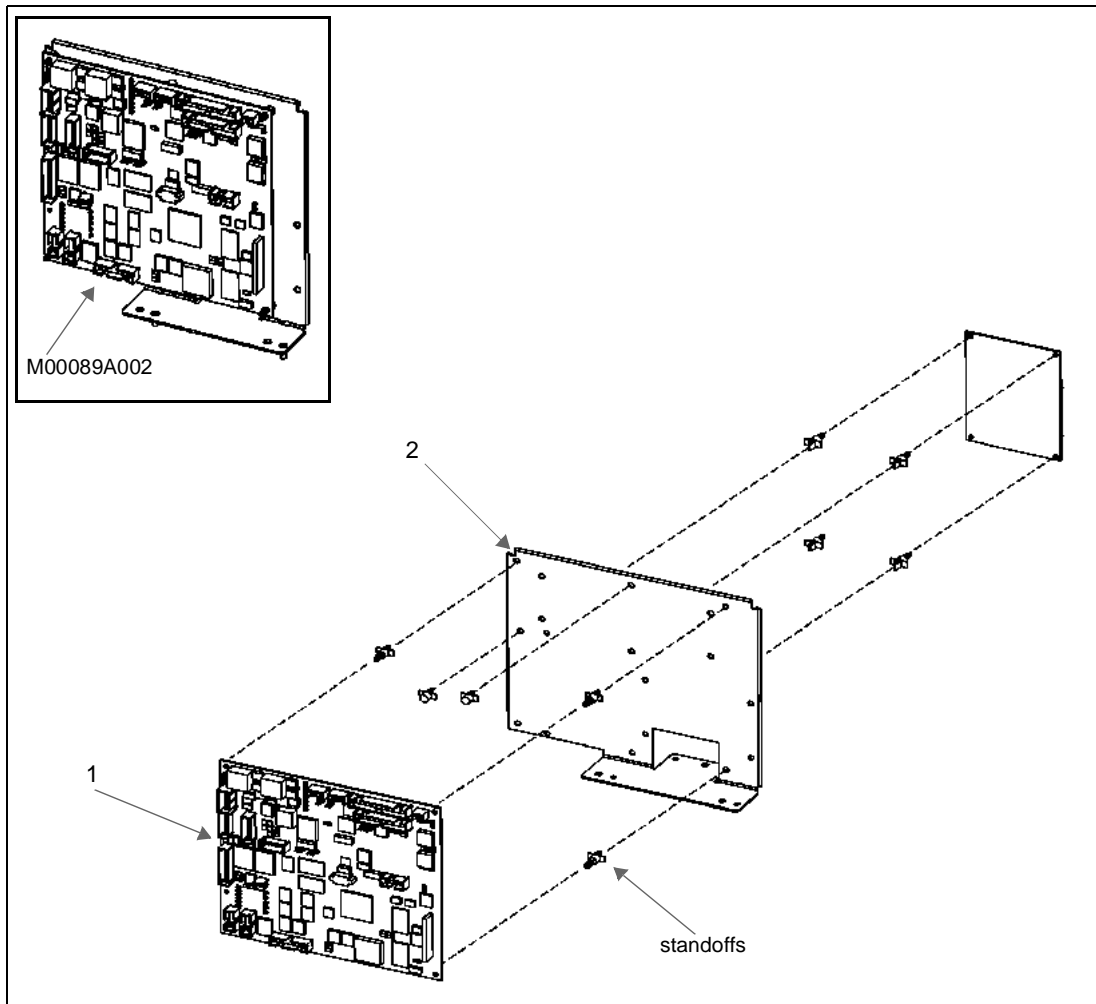
1. Refer to Cable Assemblies section for additional information.

2. PCA CRIND control M00089A002 is compatible to PCA CRIND control M00089A001. If available warranty should use M00089A001R instead of the new M00089A002.

If PCA CRIND Control Node PCA fails, replace with M01753A001 and disconnect item 4, M00092A001. Use appropriate size standoffs when ready to install PCA M00092A001.

Monochrome CRIND® Assembly (M00610A001)

(Units built after 10/1/02) (Replaced by M02276A001)

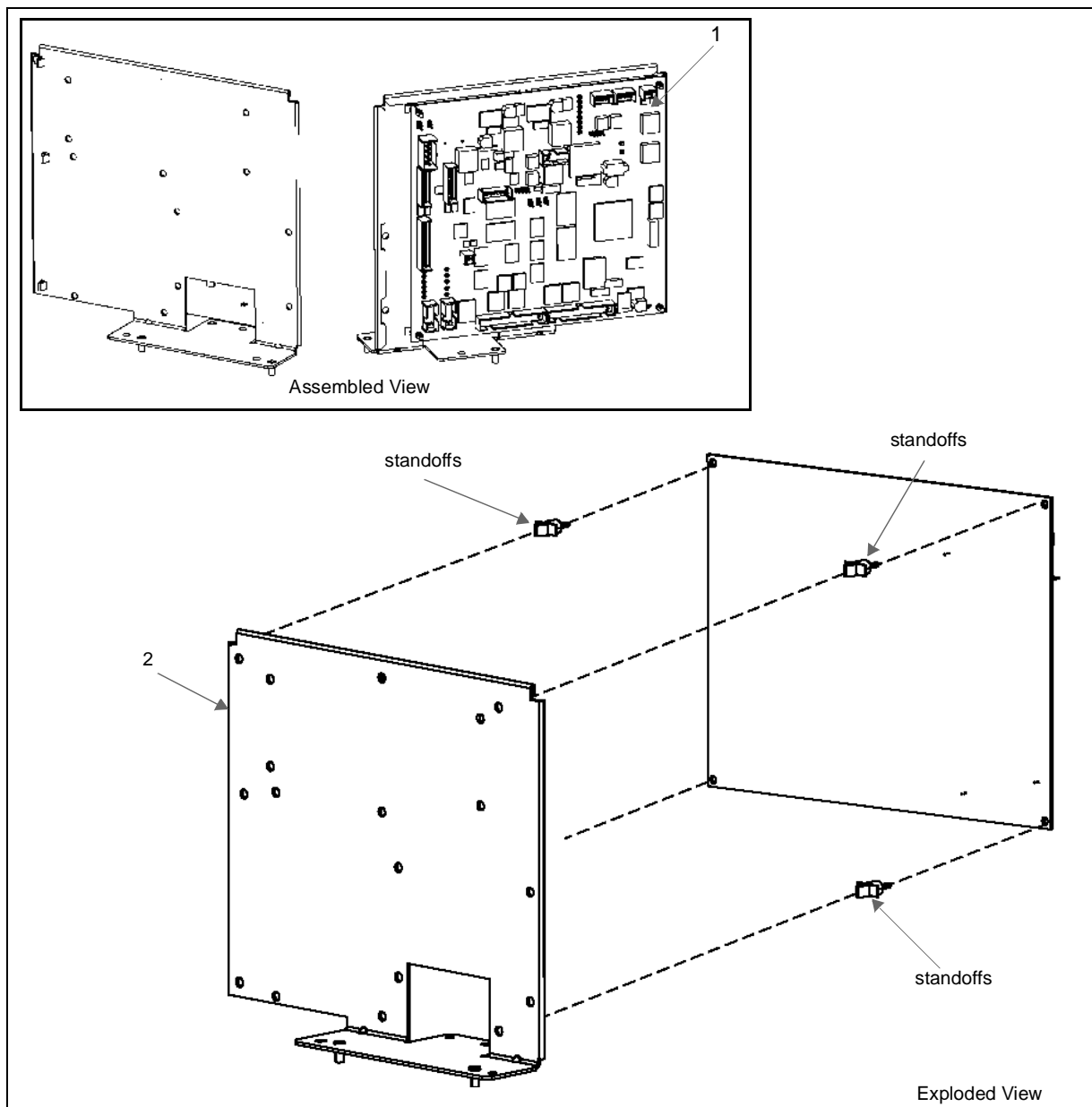


Item #	Description	Current Part	Previous Part	Quantity
Monochrome CRIND® Assembly (Reference Only)		M00610A001	-	1
1	PCA CRIND Control Node (See Note 1)	M00089A002	M00089A001	1
	• plastic PCB standoff, 1/4"	-	-	4
2	PCA Monochrome Interface	M00092A001	-	1
	• plastic PCB standoff, 1/4"	-	-	4
Not shown:				
-	Monochrome Interface Cable (See Note 2)	-	-	1
-	Battery, Lithium/Non-Chg.	Q12674-01	-	1

Notes:

- PCA CRIND control M00089A002 is compatible to PCA CRIND control M00089A001. If available warranty should use M00089A001R instead of the new M00089A002.
If PCA CRIND Control Node PCA fails, replace with M01753A001 and disconnect item 2, M00092A001. Use appropriate size standoffs when ready to install PCA M00092A001.
- Refer to Cable Assemblies section for additional information.

Monochrome CRIND® Assembly (M02276A001)

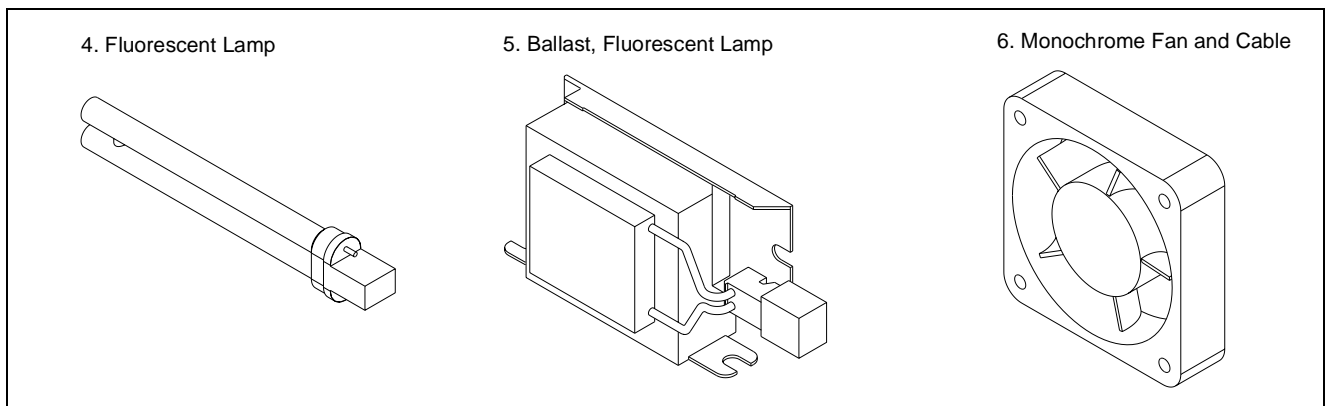
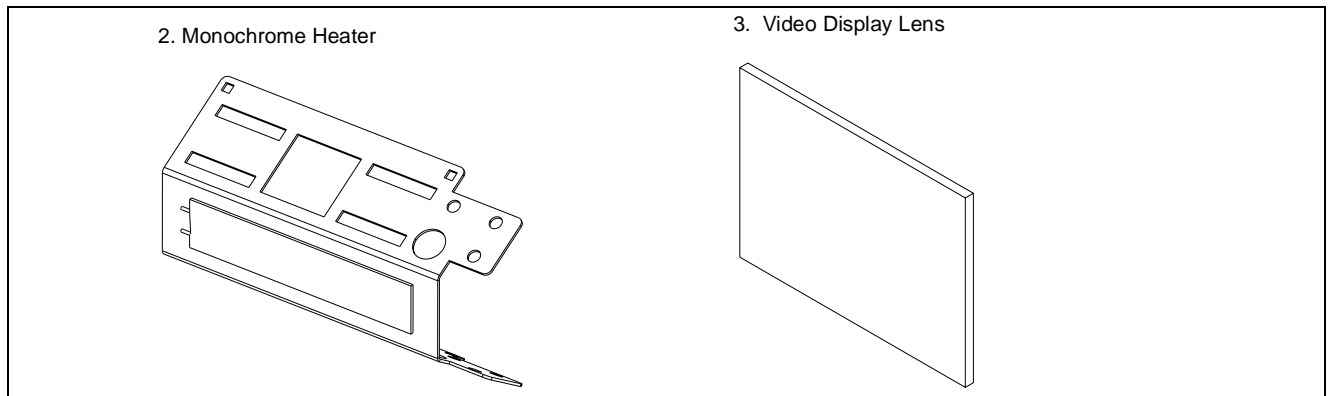
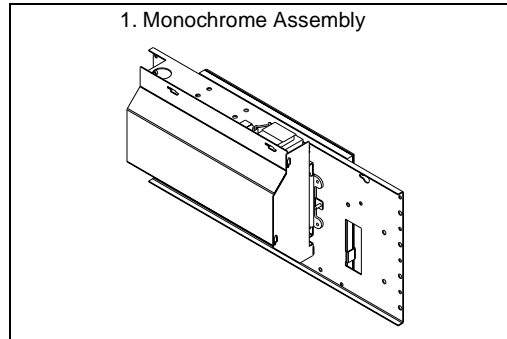


Item #	Description	Current Part	Previous Part	Quantity
Monochrome CRIND® Assembly (Reference Only)		M02276A001	M00610A001	1
1	PCA CRIND Control Node 2 (See Note 2)	M01753A001	-	1
	• plastic PCB standoff, 1/4"	-	-	2
2	PCB Mounting Bracket	M00291A001	-	1
	• plastic PCB standoff, 1/4"	-	-	4
Not Shown:				
3	Battery, Lithium/Non-Chg. (not shown)	Q12674-01	-	1

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4 – Door Module Electronics Section

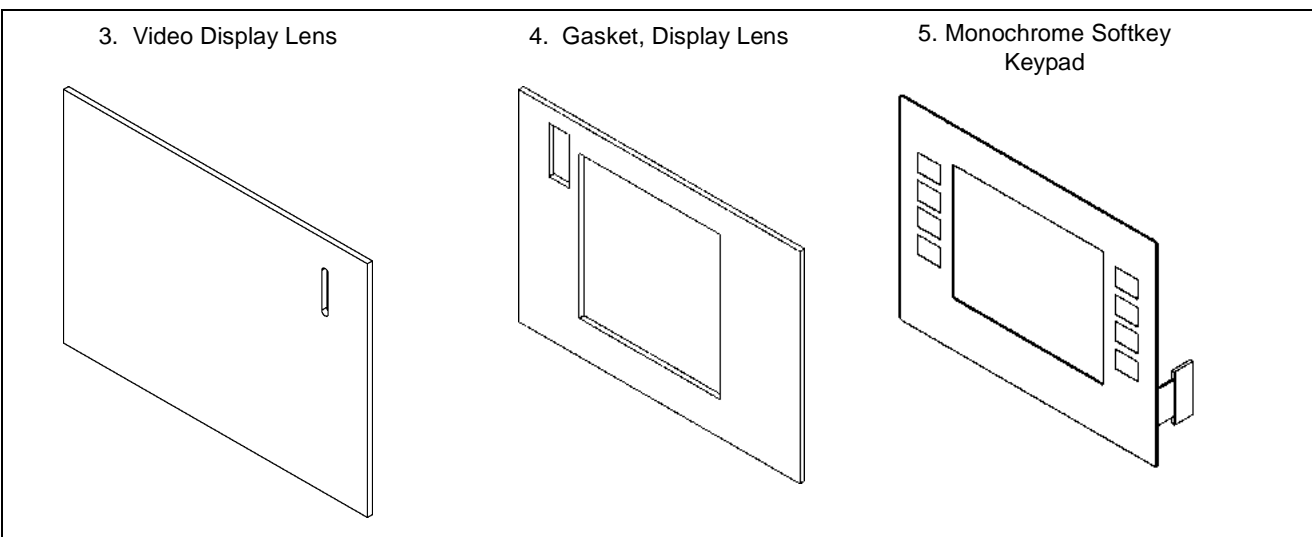
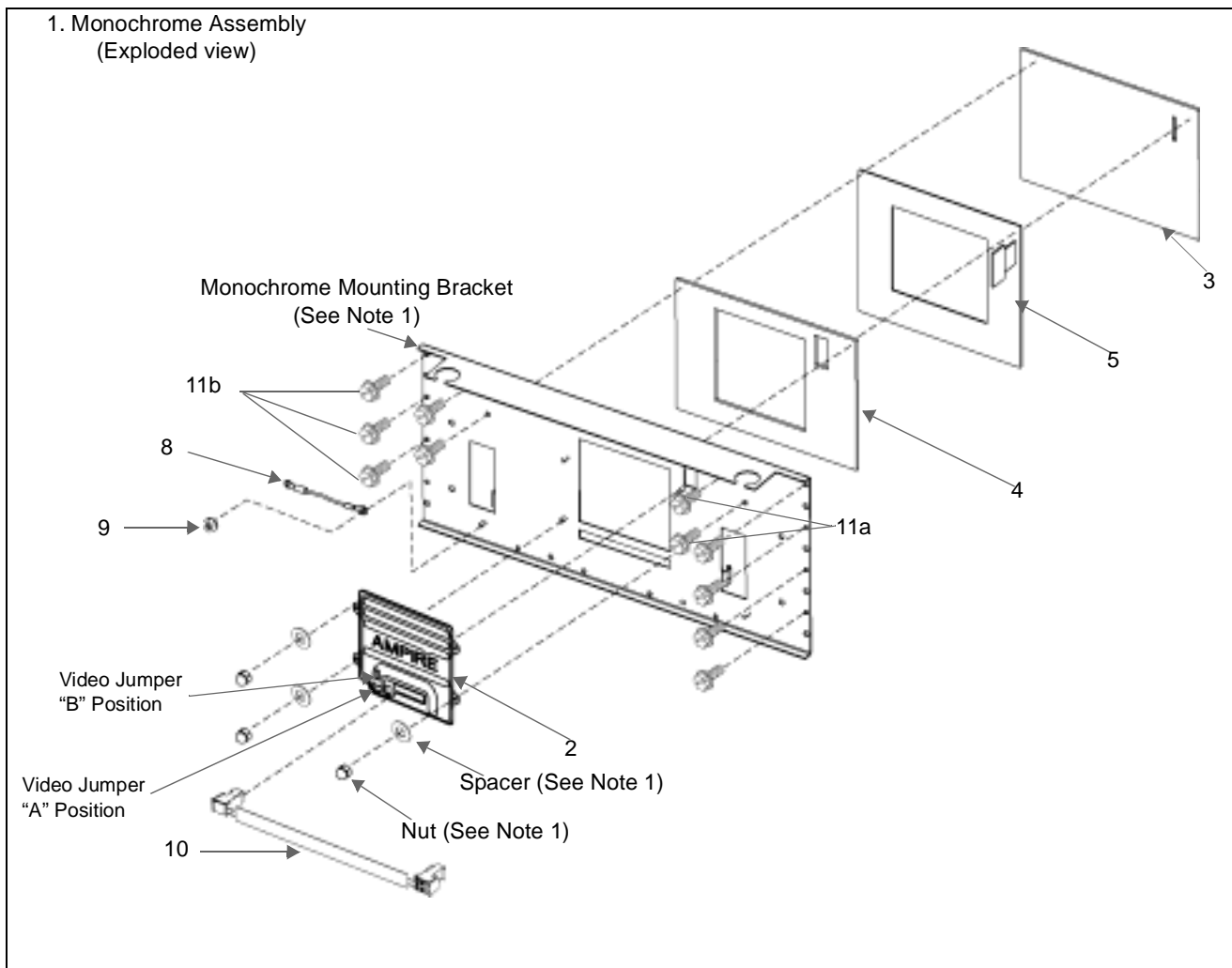
CRIND® Monochrome Assembly (M01100A001)

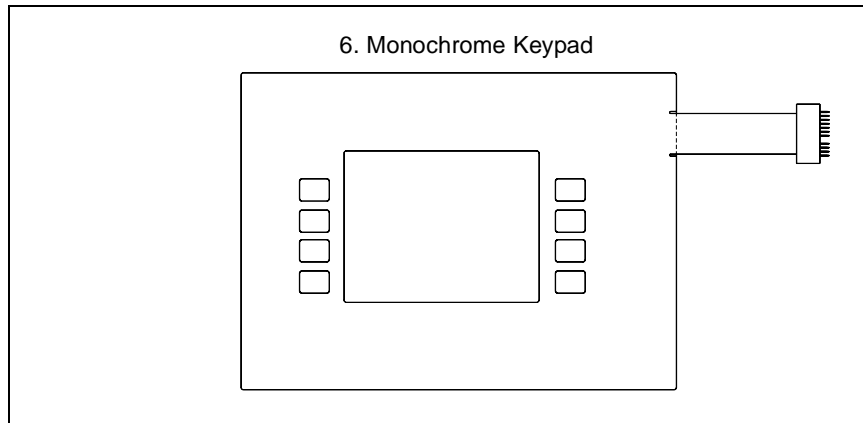


Item #	Description	Current Part	Previous Part	Quantity
1	Monochrome Assembly	M01110A001	-	1
2	Monochrome Heater Bracket Assembly	M01083A001	-	1
3	Video Display Lens	M00683B001	-	1

Item #	Description	Current Part	Previous Part	Quantity
4	Fluorescent Lamp, 13 watt	Q12929-02	-	1
5	Ballast, Fluorescent Lamp	Q13164-07	-	1
6	Monochrome Fan and Cable	M00822B002	-	1

CRIND® Monochrome Display Assembly (M01653A001)



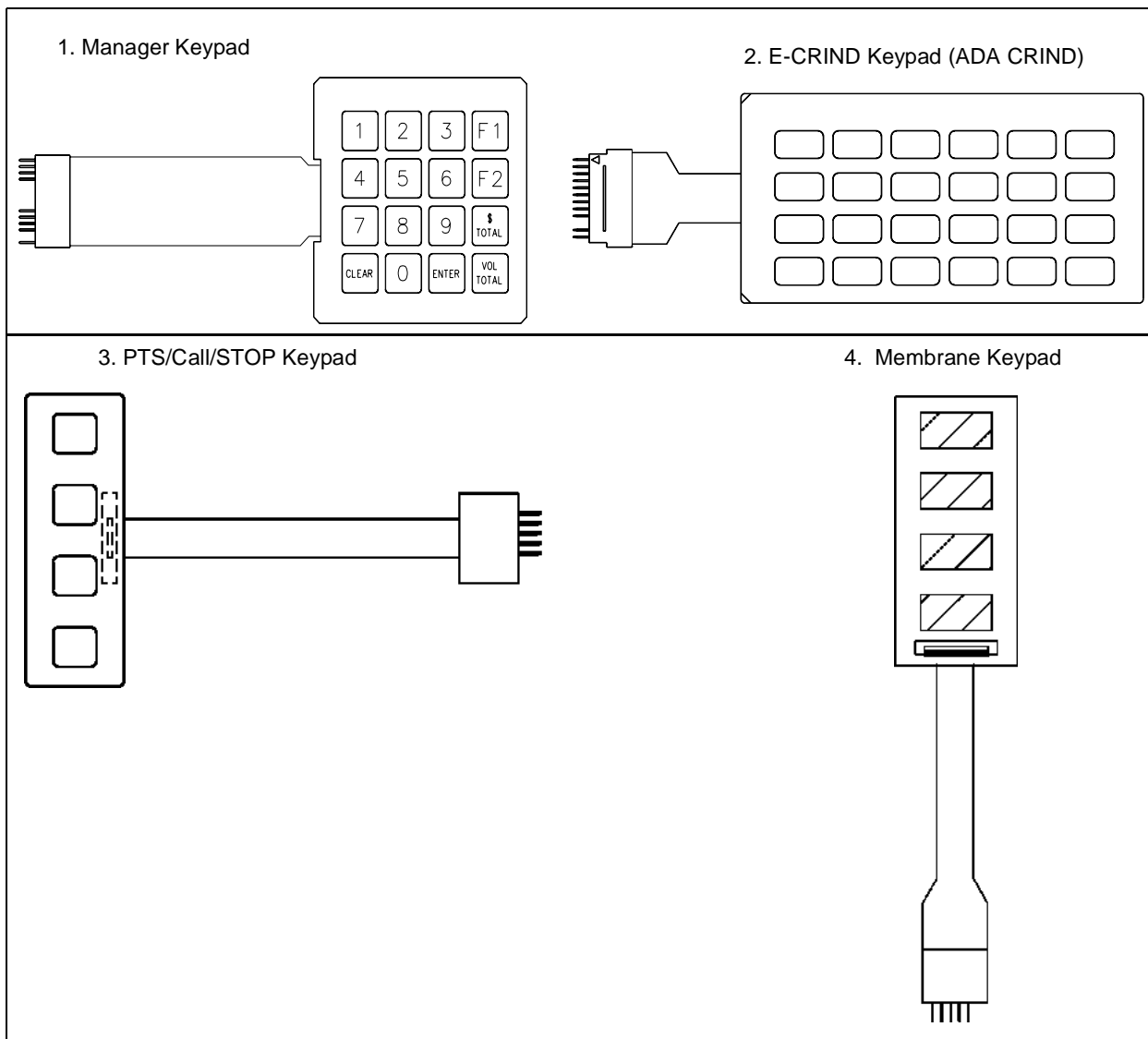


Item #	Description	Current Part	Previous Part	Quantity
1	CRIND Monochrome Display Assembly (Reference only) (See Note 1)	M01653A001	-	1
2	Monochrome Display (Interchangeable) (See Notes 2, 3 and 4)	M02636A001	<i>Note: See previous parts below</i>	1
	Monochrome Display (backlight always ON)	-	Q13908-06	1
	Monochrome Display	-	Q13908-05	1
	Monochrome Display (Interchangeable, backlight always ON)	-	Q13908-03	(See Note 5)
	Monochrome Display (Interchangeable, backlight always ON)	-	Q13908-02	(See Note 5)
	Monochrome Display (Backlight ambient sensitive, OFF in day light, ON at night)	-	Q13908-01	(See Note 5)
3	Video Display lens (See Note 6)	M01255B001	-	1
4	Gasket, Display lens (See Note 6)	M01360B001	-	1
5	Monochrome Softkey keypad	M01254B001	-	1
6	Monochrome keypad (Obsolete)	M00143B001	-	1
7	PCA CRIND Z180 logic board	T17764-G4	-	1
8	Ground cable assembly (See Cable section for Part number)	-	-	
9	• Nut, metric hex (KEPS)	-	-	1
	• Washer, 1k #08 x .020 (Not shown)	-	-	1
10	Backlight cable (See Cable section for Part number)	-	-	1
<i>Attaching parts for Display to Mounting bracket</i>		-	-	-
11a	• Screw, slotted lock washer, hex head (-24)	-	-	8
<i>Attaching parts for Mounting bracket to door</i>		-	-	-
11b	• Screw, slotted lock washer, hex head (-28)	-	-	8

Notes:

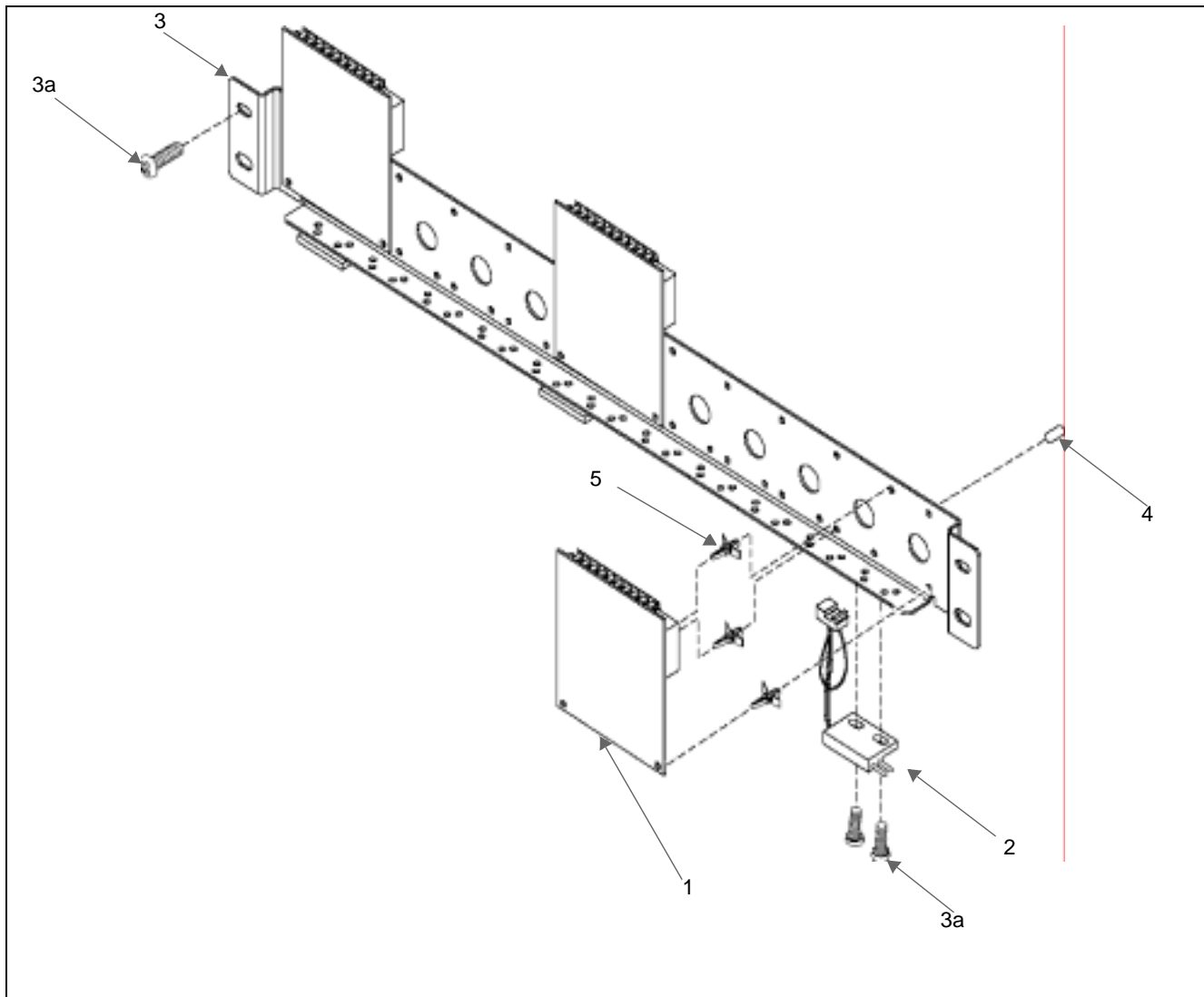
1. Monochrome Mounting bracket, nuts, spacers, along with item 2-Monochrome Display and item 4-Gasket Display Lens are a part of item 1-Monochrome Display Assembly.
2. Do not remove plastic piece off Monochrome Display. This piece is used for Rain Shield "see attached sticker on display for warning".
3. Monochrome Display M02636A001 is currently in production. This display replaces all Q13908 Series. Note: Backlight is "Always ON".
4. The jumper for video source on **Encore 500** is in position "A" and for **The Advantage** and **Encore 300** in position "B".
5. Monochrome Displays Q13908-03, Q13908-02 and Q13908-01 are no longer available.
6. When replacing item 4-Monochrome Display Lens always use item 5-Gasket Display Lens.

Key Pad Assemblies



Item #	Description	Current Part	Previous Part	Quantity
1	Manager Keypad	M00147A001	-	1
2	E-CRIND Keypad (ADA CRIND)	M00141B002	M00141B001 M00141A001	1
3	Keypad, PTS/Call/STOP	M01199B001	-	1
4	Keypad, Membrane	M02027B001	-	1
<i>Not Shown:</i>				
-	Monochrome Softkey Keypad (Not shown) (See Crind Monochrome section on page 4-4 for illustration) (Obsolete)	-	-	1
-	Cable, PTS/Call1/Call2 (Used on Keypad M01199B001)	M01215A001	-	1
-	PTS/Call1/Call2 cable (Used on Keypad M02027B001 and M01199B001)	(See note 1)	-	1
-	Mount adhesive cable (Used on Keypad M02027B001)	Q13558-04	-	1

PPU PCB Mounting Assembly



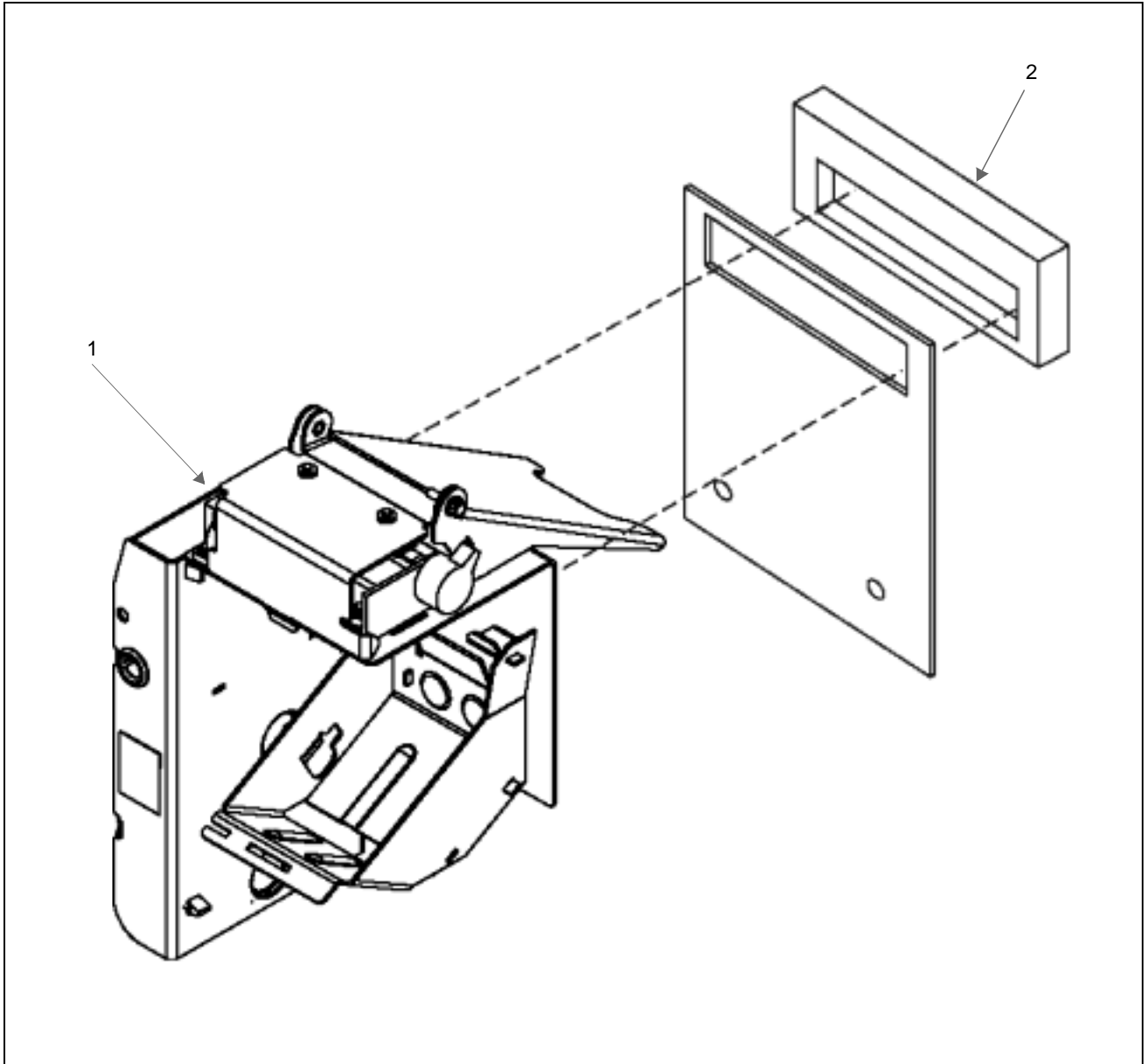
Item #	Description	Current Part	Previous Part	Quantity
1	PCA, Single PPU	M00065A001	-	(See Note 1)
2	Switch, proximity and actuator (Magnetic Reed switch)	Q12514-10	Q12514-08	(See Note 1)
3	Bracket PPU PCB mounting	-	-	-
3a	• Screw, M3.5	-	-	6
4	Snap-lock pin with arrowhead	Q10651-40	-	3
5	Mini-locking PCB Support	Q10651-43	-	9
Not Shown:				
6	Cable, PPU Door (See Note 2)	-	-	1

Notes:

1. Quantities may vary
2. Refer to Cable Assembly section for current part number.

Printer Module Assembly

(Units built before 10/23/01)



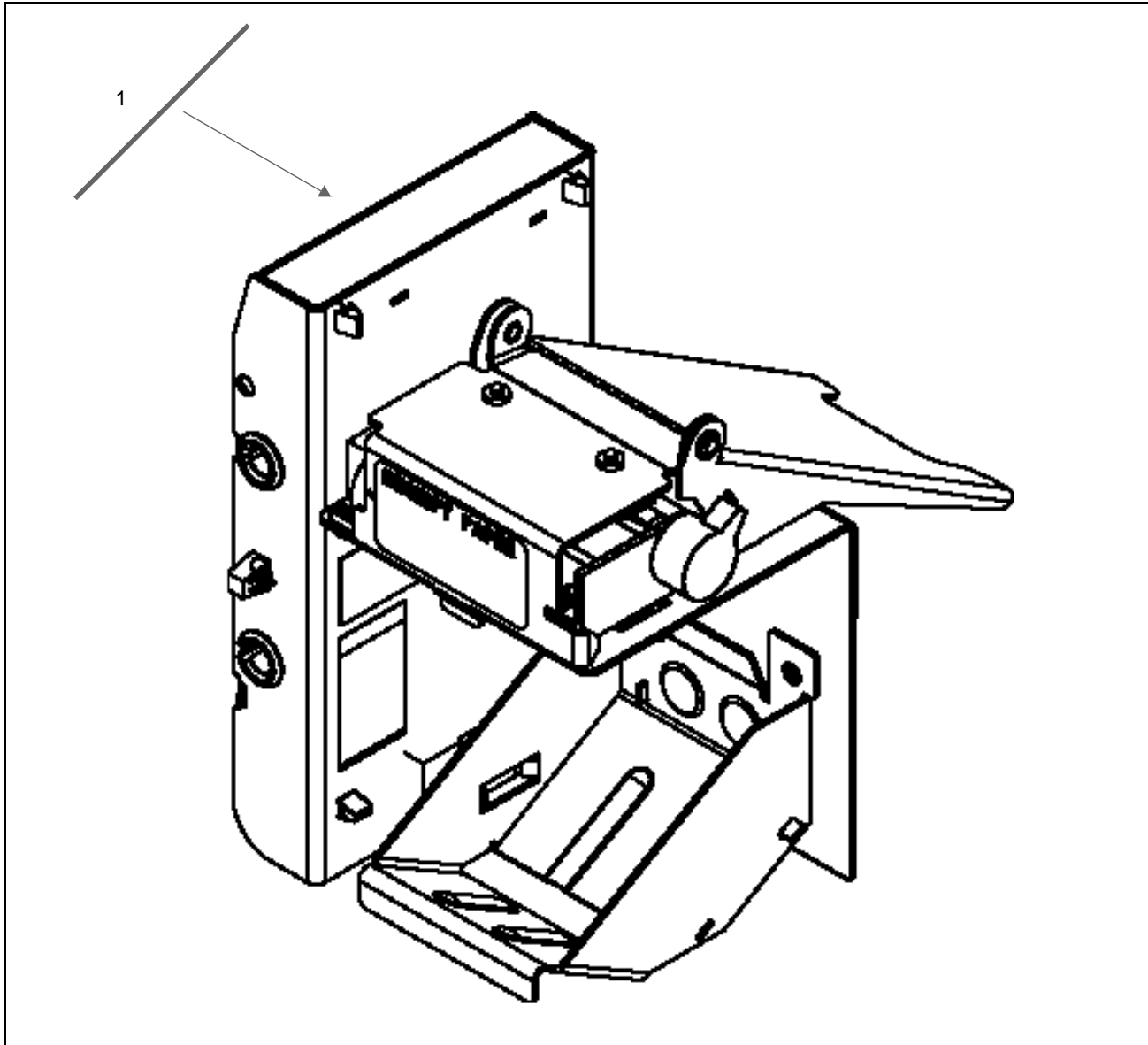
Item #	Description	Current Part	Previous Part	Quantity
1	Printer module assembly (See Note 1)	M00317A002	-	1
1a	Printer (use with round oven door M00213A001, M00213A002)	M00317A002	-	1
1b	Printer (use with TRIND oven door M01509A001)	M00317A001	-	1
2	Printer Gasket	M00772B001	-	1

Notes:

1. This assembly requires reposition of circuit board box on assembly. See MDE-3804 Encore/Eclipse Service Manual.

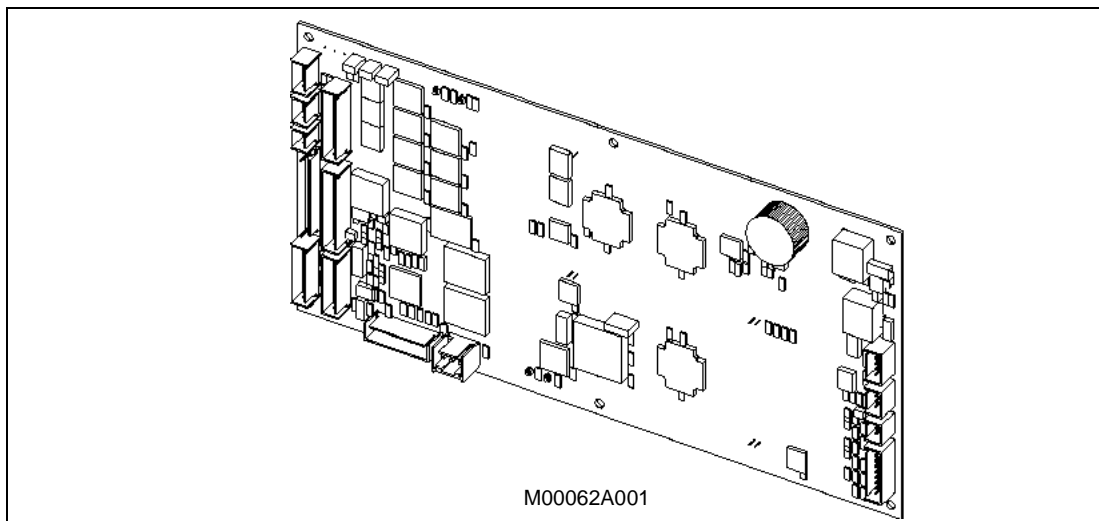
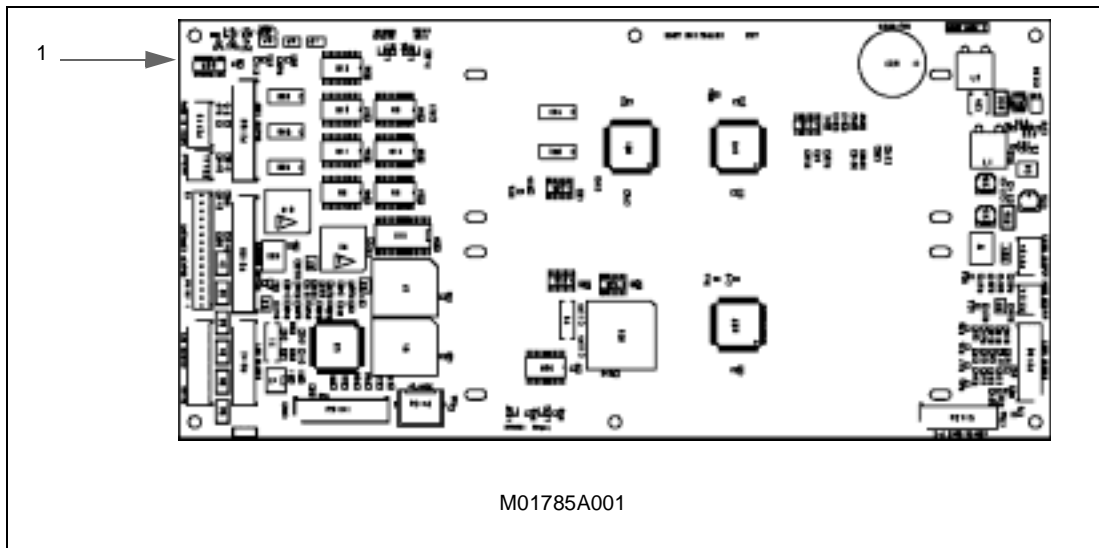
Printer Module Assembly

(Units built after 10/23/01)



Item #	Description	Current Part	Previous Part	Quantity
1	Printer module assembly	M00317A001	-	1
2	Printer Gasket (not shown)	M00772B001	-	1
<i>Not Shown:</i>				
-	Printer paper, High Speed thermal (See Note 1)	Q12475-02	-	1
-	Cleaning Card (See Note 1)	Q13400	-	1
<i>Notes:</i>				
1. Recommend to use High Speed thermal paper supplied by Fujitsu, NCR and or Wallace. For additional information refer to PT-1798 Consumables list.				

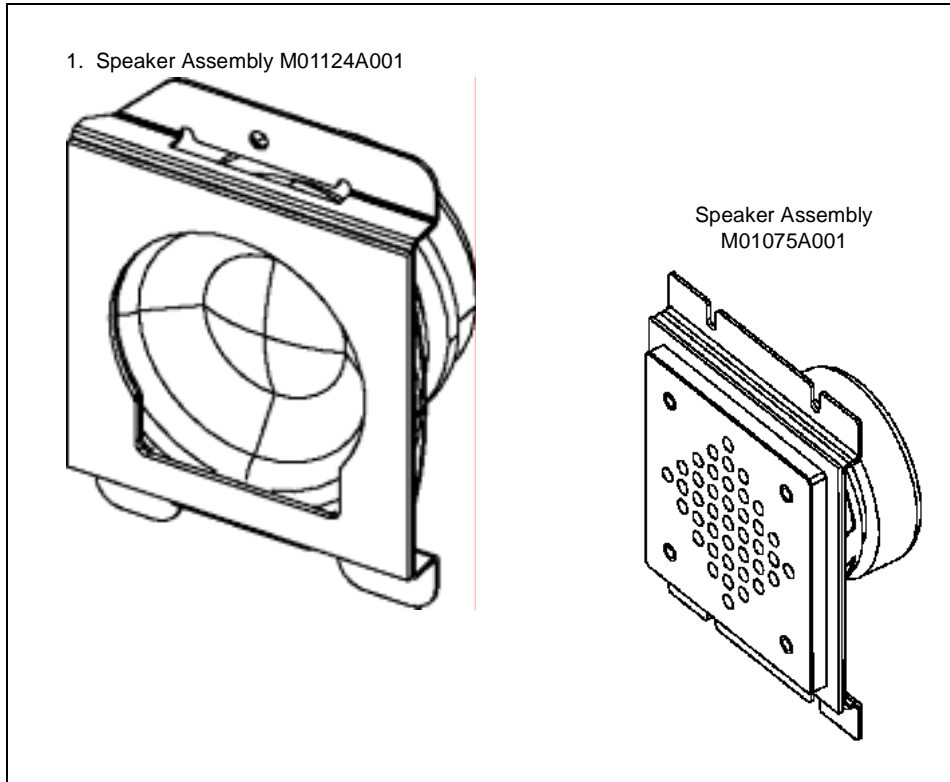
Pump Door Node



Item #	Description	Current Part	Previous Part	Quantity
1	Pump Door Node Assembly, PCB (See Note 1)	M01785A001	M00062A001	1
	• Screw, self tapping hex hd, 6-20x	-	-	4
	Lamp	Q12448-04	-	12

Notes:
 1. Pump Door Node PCB M00062A001 is interchangeable with Pump Door Node PCB M01785A001.

Speaker Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Speaker Assembly	M01124A001	M01075A001	1
-	nut, hex w/ext lock washer	-	-	4

5 – Cable Assemblies Section

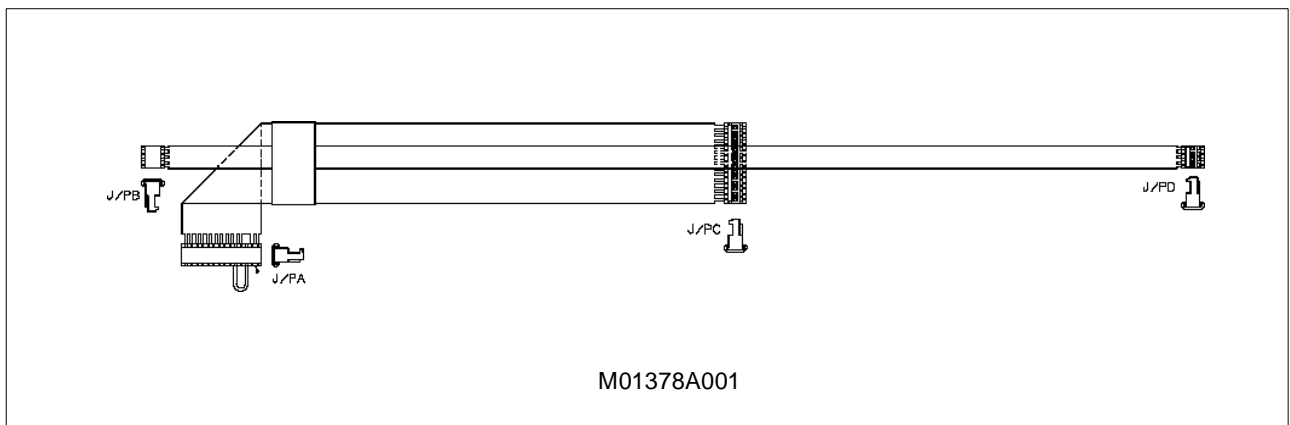
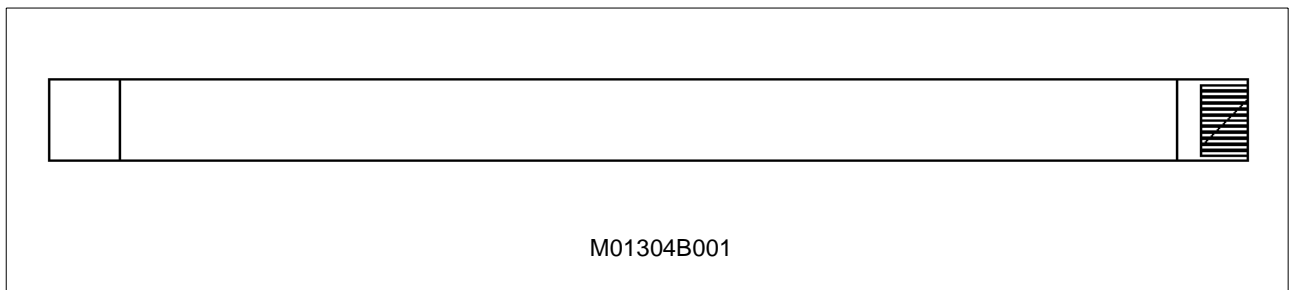


Note: See MDE-3804 Encore & Eclipse Series Start-Up/Service Manual for cable block diagrams.

Barcode Scanner Option

Cable Description	Current Part	Previous Part
LON Bus (Refer to LON Bus cable section)	-	-
Barcode Scanner cable	M01304B001	-
Scanner assembly cable	M01378A001	-

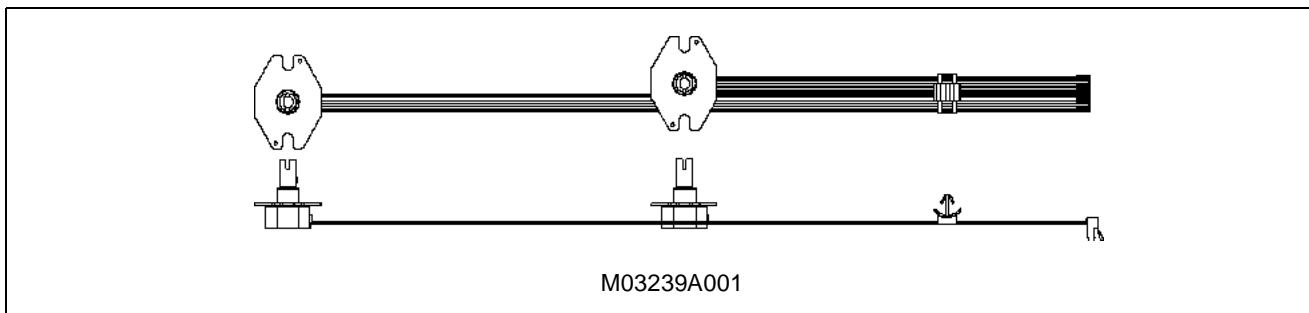
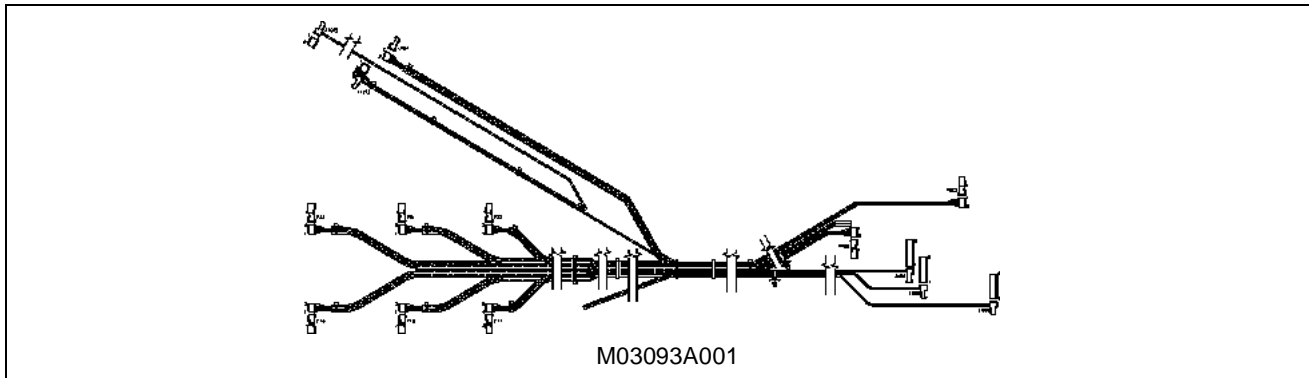
Barcode Scanner Cable Illustrations

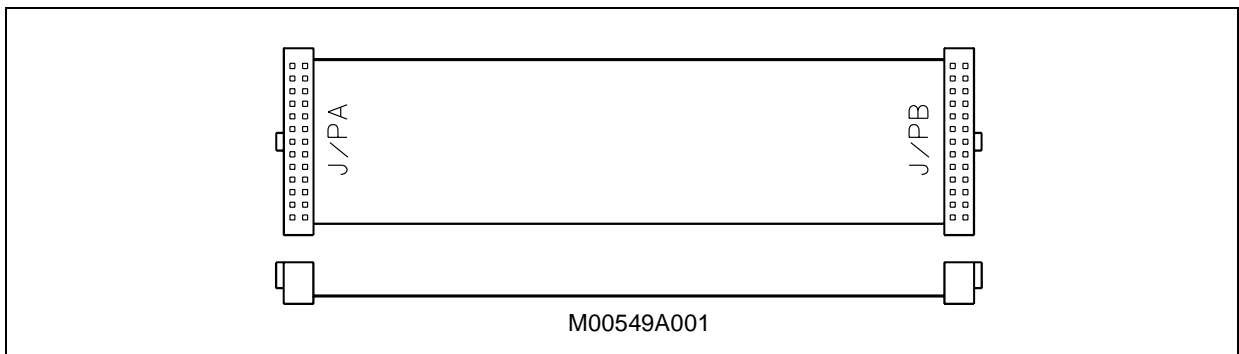
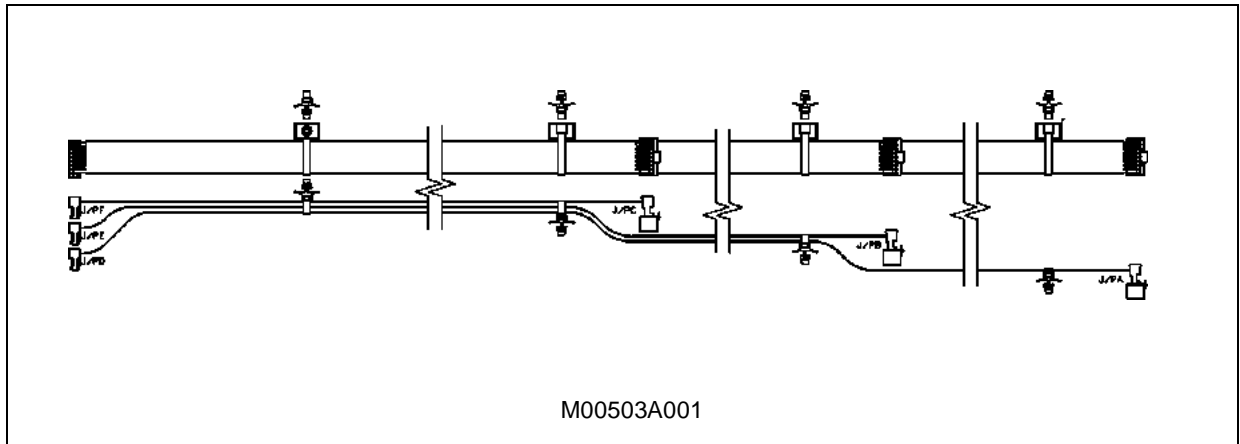
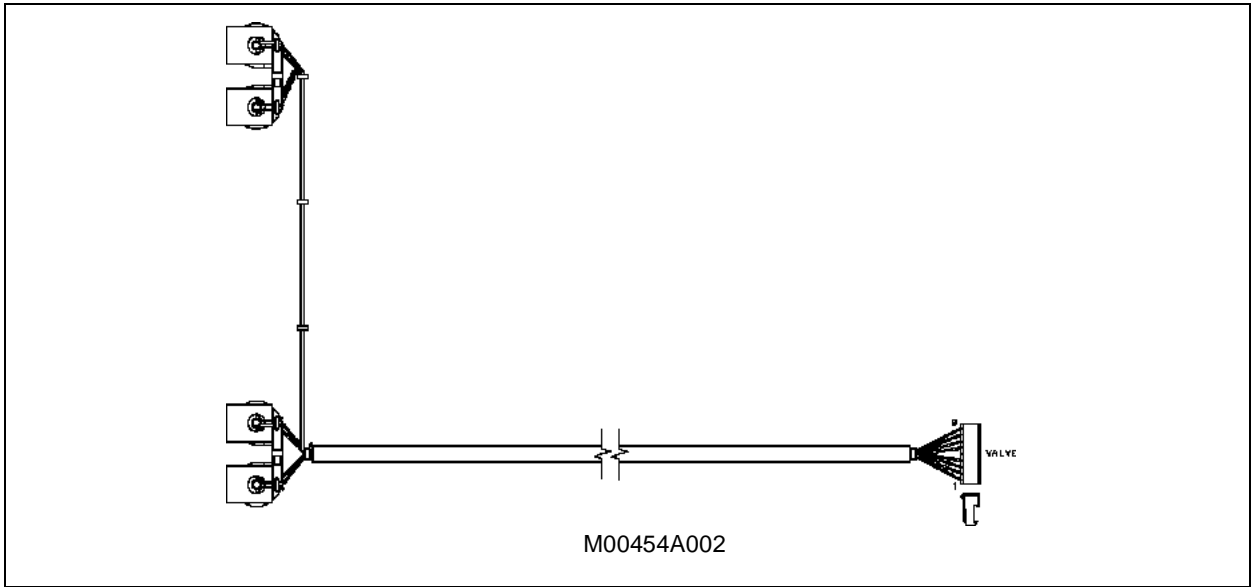


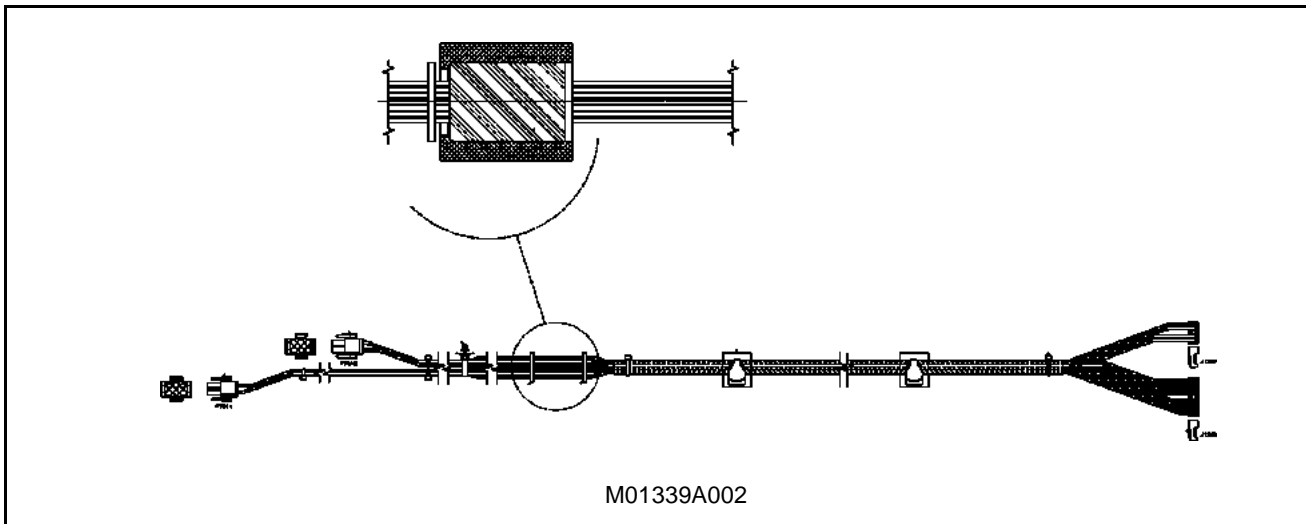
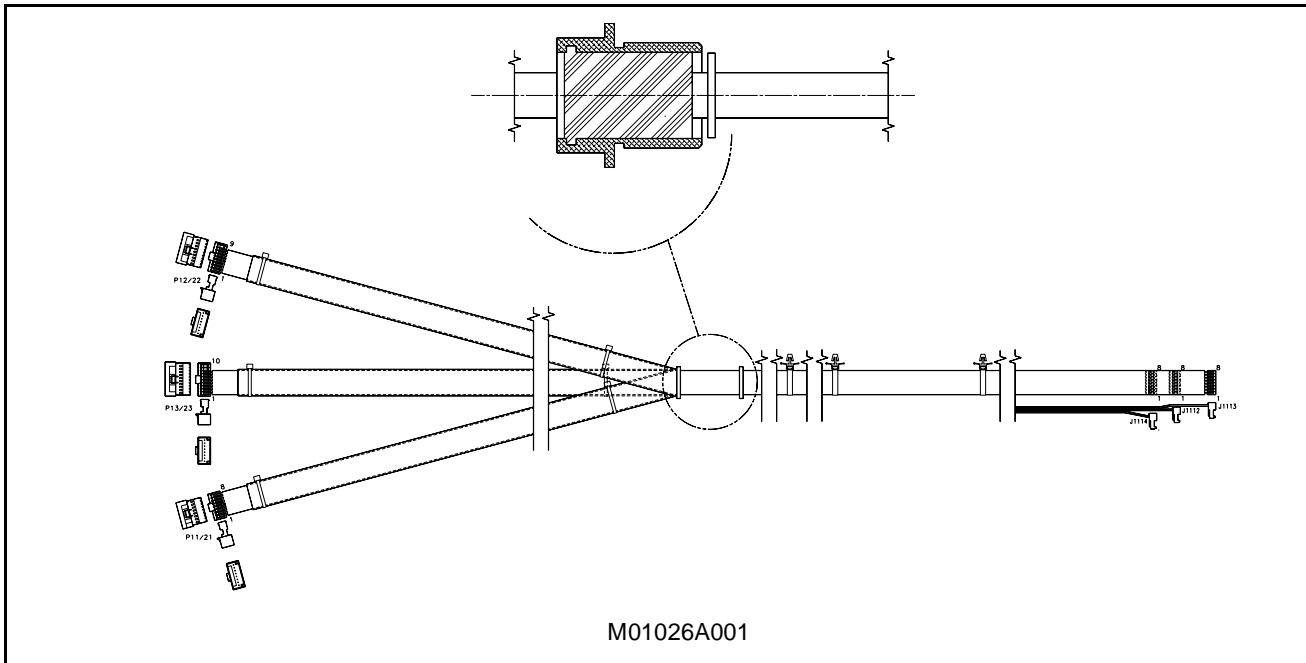
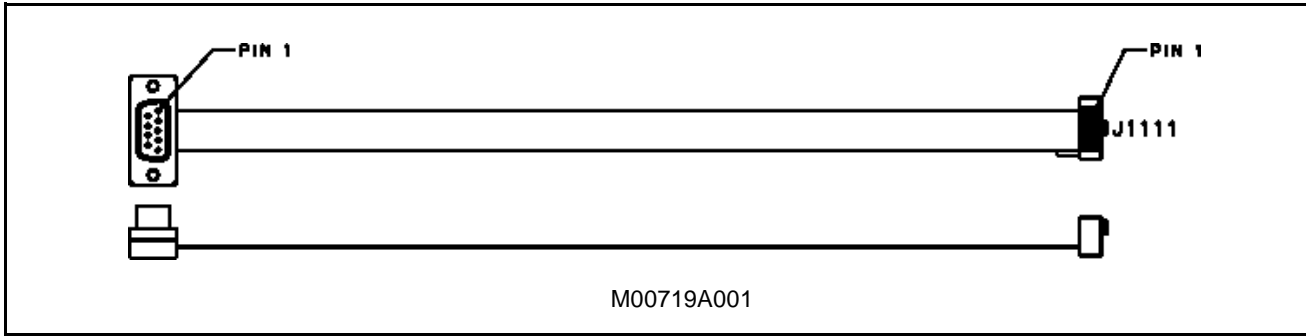
Base Electronics

Cable Description	Current Part	Previous Part
E-Cal Switch cable (Refer to CD Module section for current part number).	-	-
Conduit and Cable Valves assembly	M03093A001	-
Pulser and cable assembly (Use after 6/1/03)	M03239B001	M00453A001
LON Bus cable (Refer to LON Bus cable section)	-	-
Digital Valve coil and cable assembly	M00454A002	-
.100 Inch Centers, 8 Position, 22 AWG Ribbon cable	M00503A001	-
.050 Inch Centers, 26 Position, 28 AWG Ribbon cable	M00549A001	-
Serial Programming Port cable	M00719A001	-
Conduit and cable assembly	M01026A001	-
6-Hose Conduit and cable assembly	M01339A002	M01339A001

Base Electronic Cable Illustrations



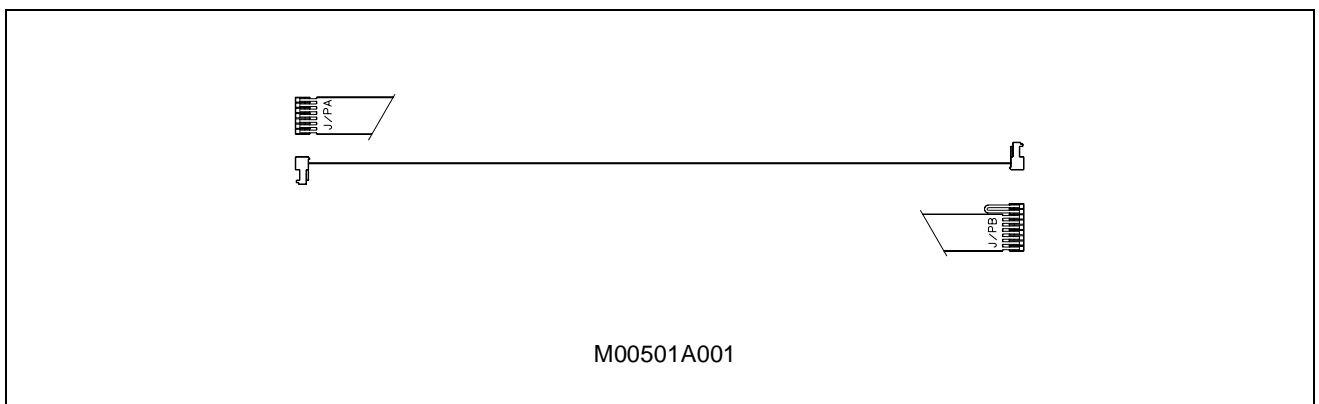
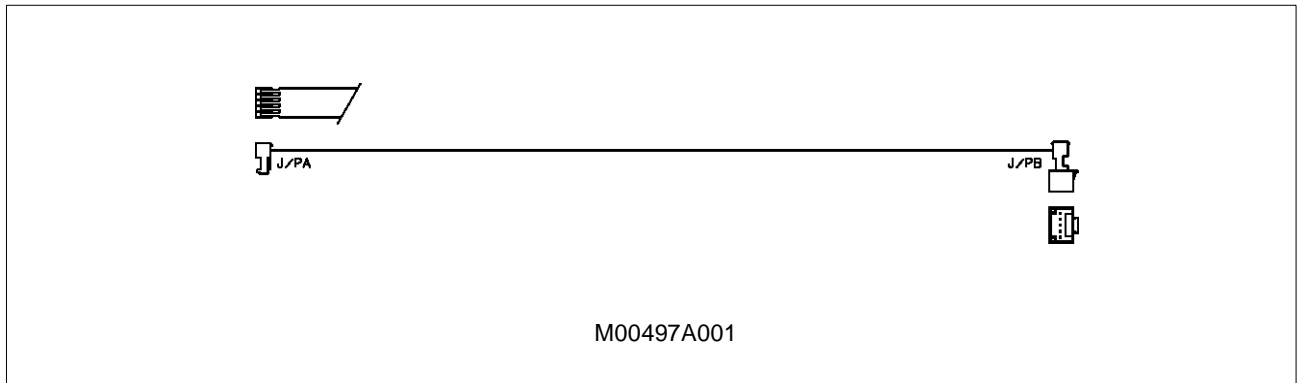


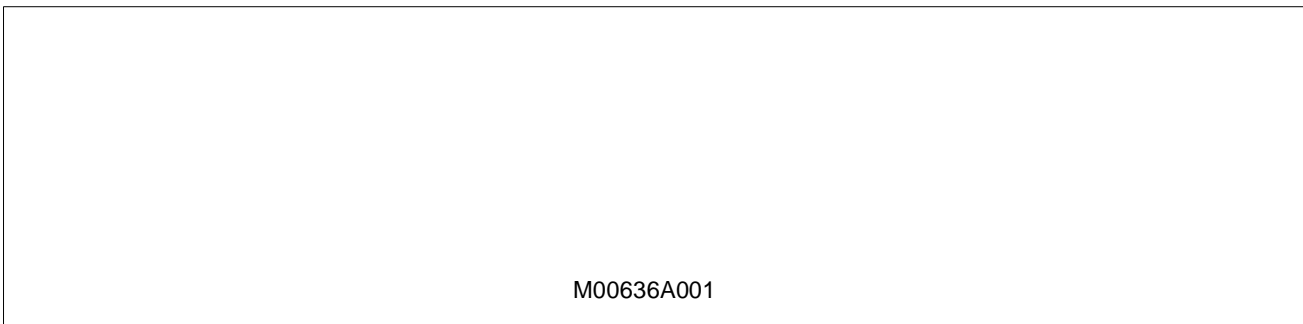
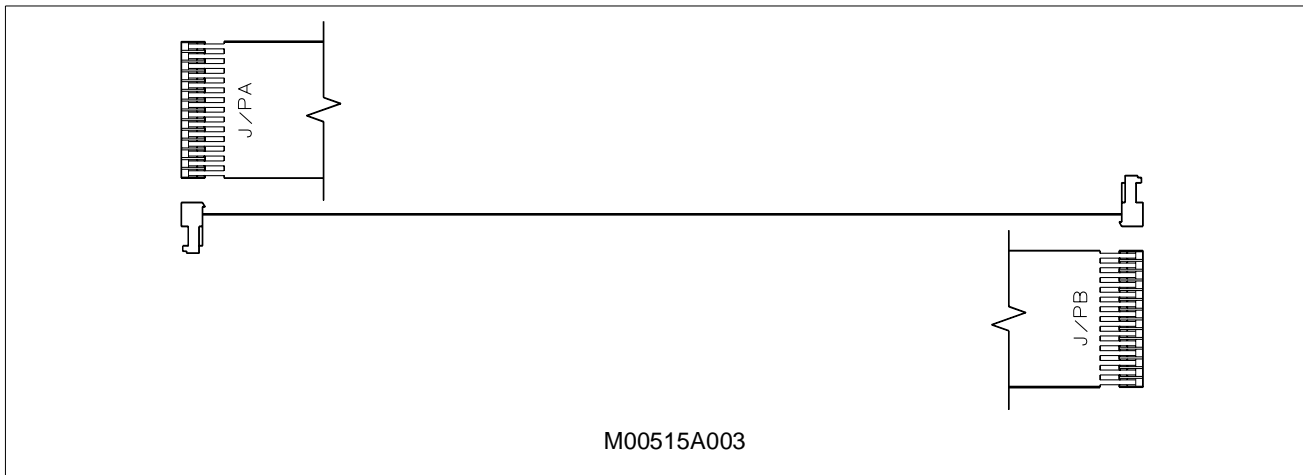
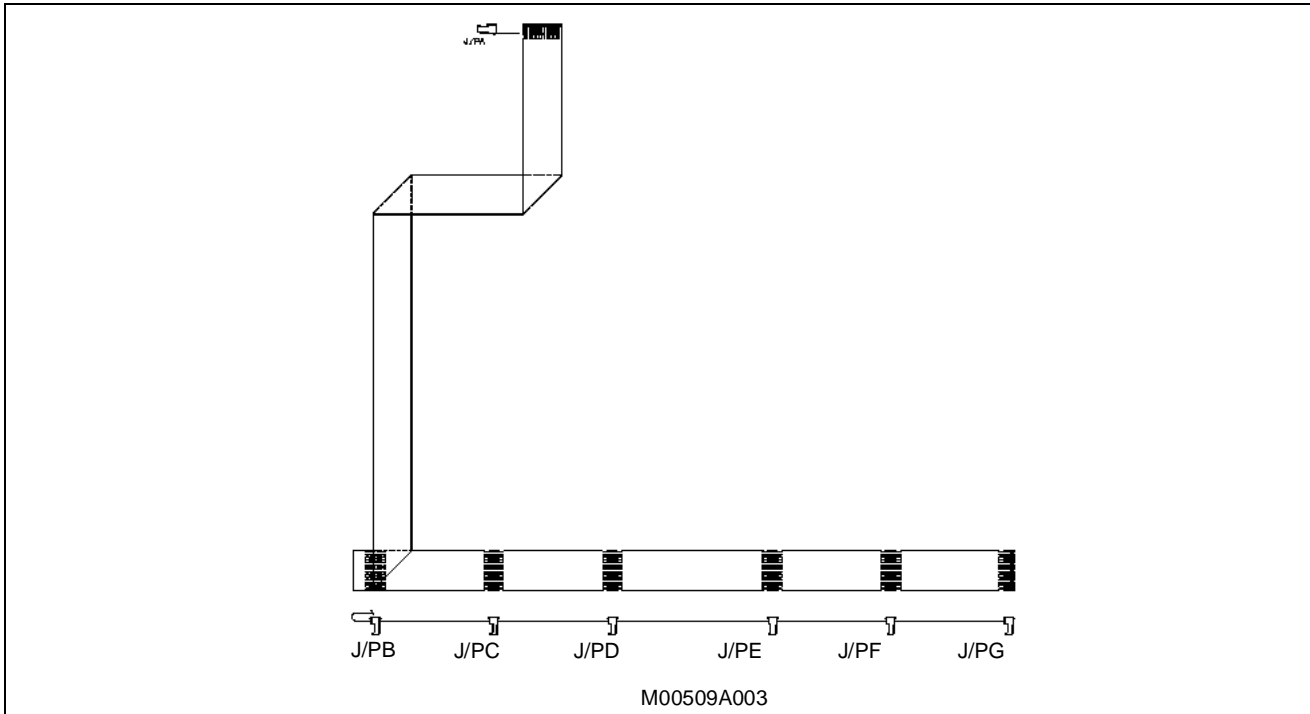


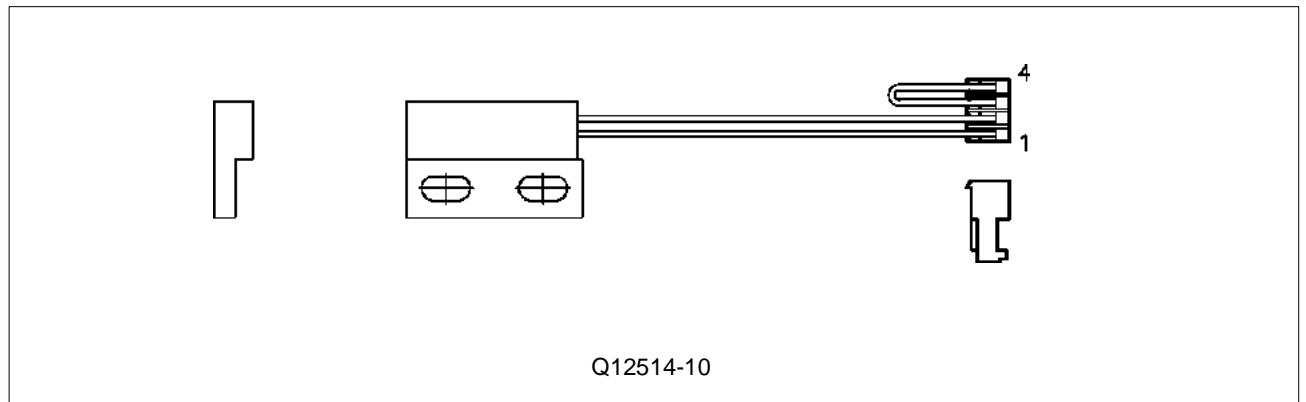
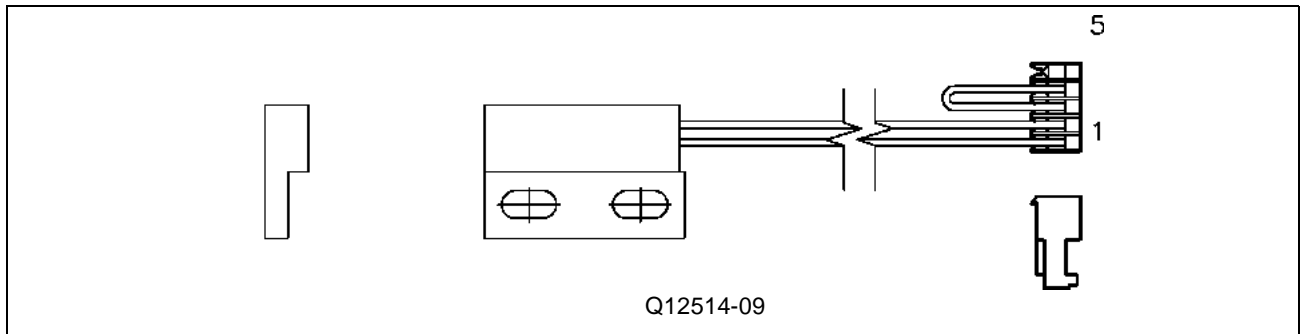
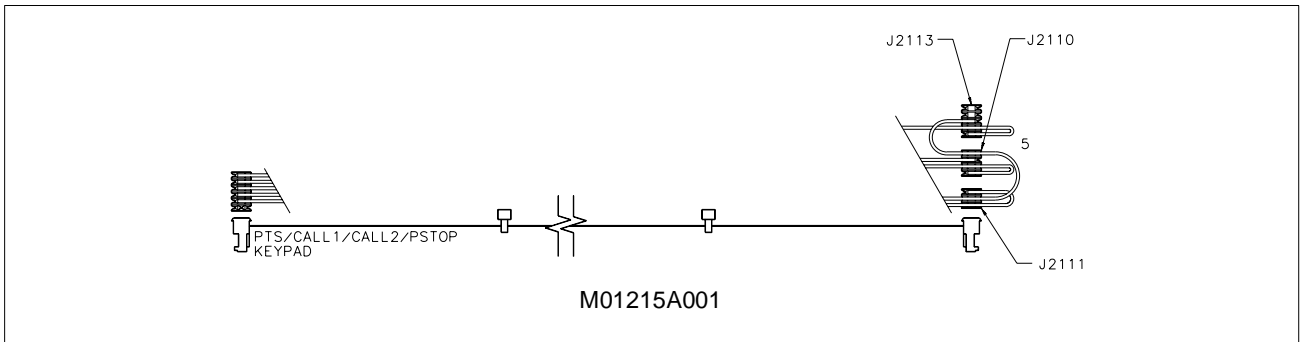
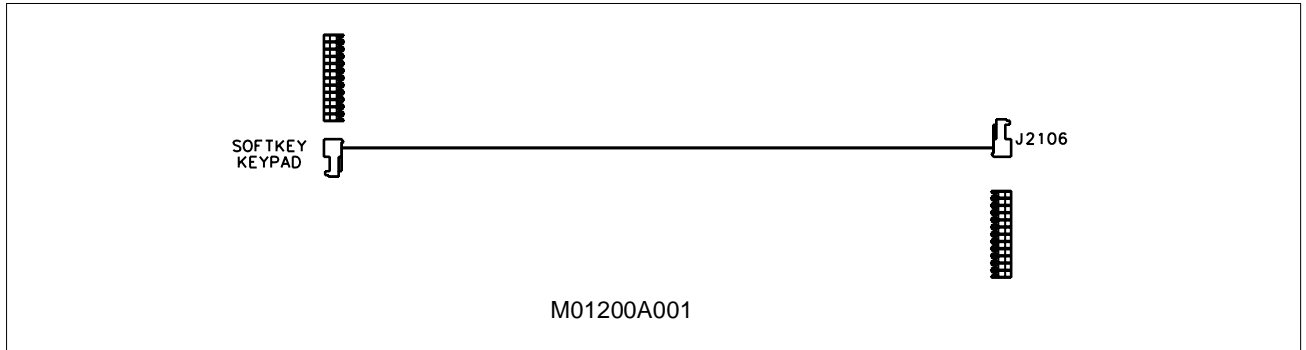
Base Electronics Door

Cable Description	Current Part	Previous Part
LON Bus cable (Refer to LON Bus cable section)	-	-
.100 Inc Centers, 5 Position, 22AWG Ribbon cable	M00497A001	-
Card Reader cable (side 1 and 2)	M00501A002	-
PPU Door cable	M00509A003	-
.100 Inc Centers, 14 Position, 22AWG Ribbon cable	M00515A003	-
Grade Select cable	M00628A001	-
Speaker/Wire cable	M00636A001	M00636A002
CRIND SoftKeys cable	M01200A001	-
PTS/Call1/Call2/Stop cable	M01215A001	-
Cable and Pump handle	Q12514-09	M01152A001
Grade Select cable	Q12514-10	Q12514-08 M00628A001

Base Electronics Door Cable Illustrations



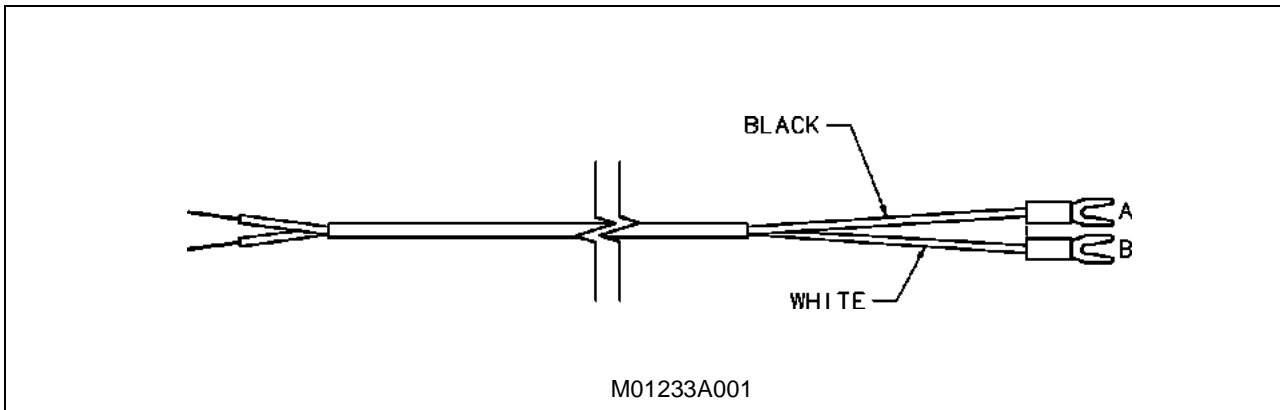
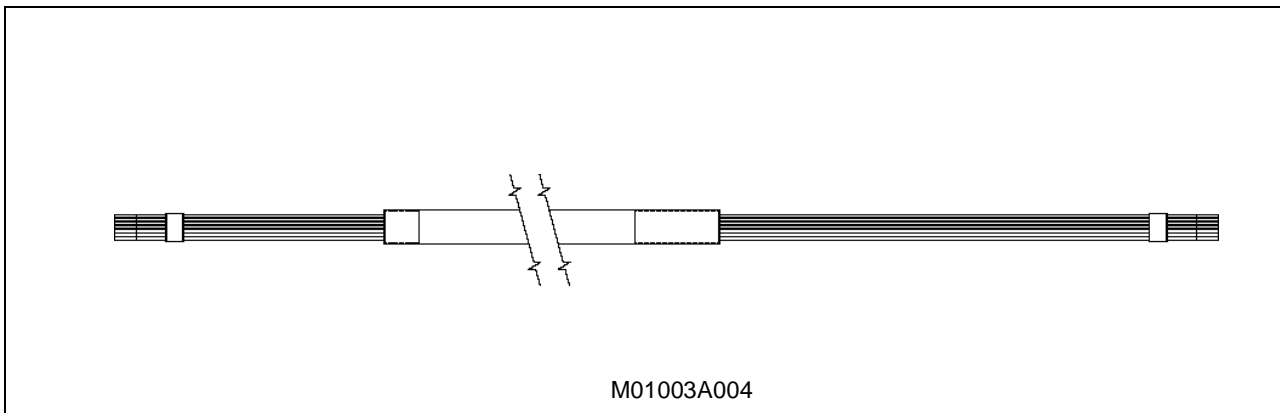




Call Button Option

Cable Description	Current Part	Previous Part
Call Button Option conduit and cable assembly	M01003A004	-
Call Button cable	M01233A001	-

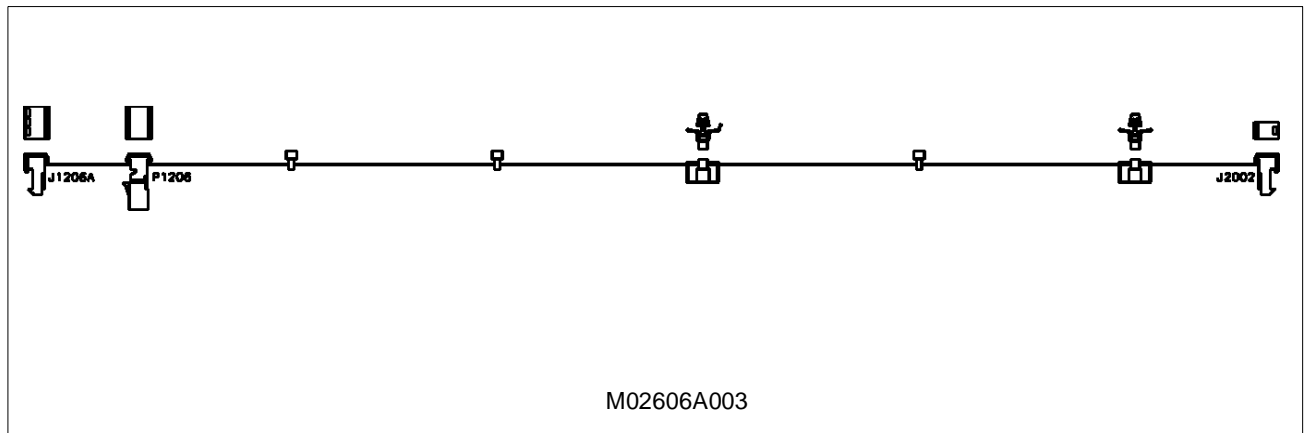
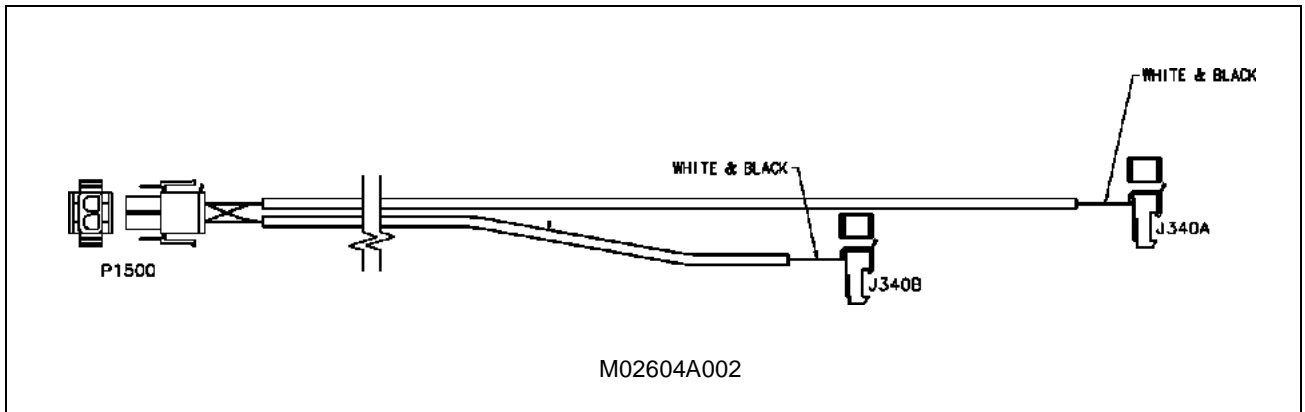
Call Button Cable Illustrations



Card Reader Heater Option

Cable Description	Current Part	Previous Part
Card Reader Heater cable	M02604A002	-
Card Reader Heater cable adapter	M02606A003	M02607A003

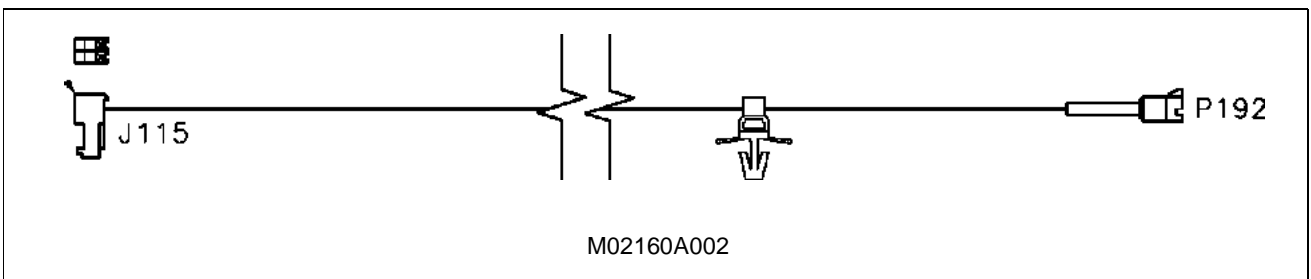
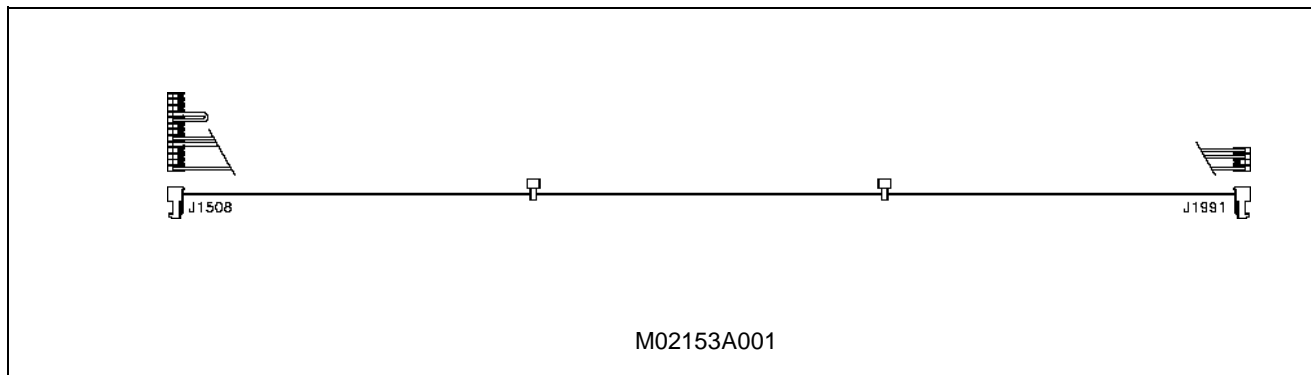
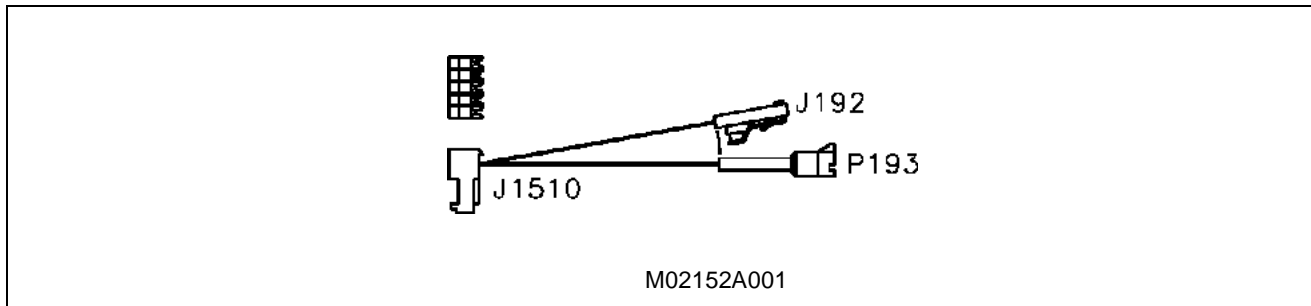
Card Reader Heater Cable Illustrations

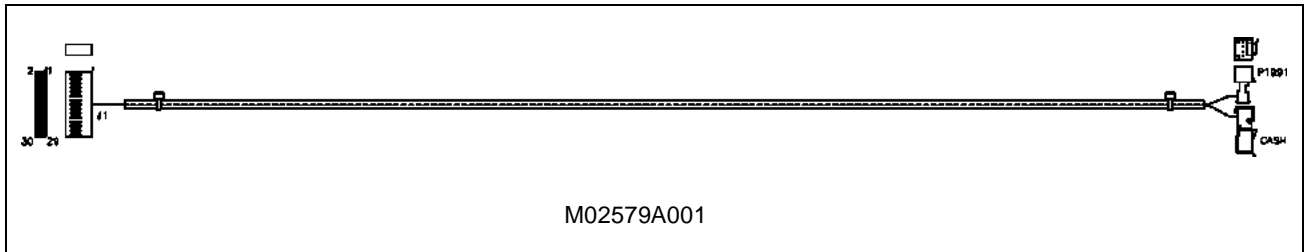


Cash Acceptor Option

Cable Description	Current Part	Previous Part
LON Bus (Refer to LON Bus cable section)	-	-
Security switch interface cable	M02152A001	-
Cash acceptor to LON Serial interface cable	M02153A001	-
Security switch interface cable	M02160A002	-
Cash acceptor power cable	M02352A002	M02352A001
Cash acceptor cable	M02579A001	-

Cash Acceptor Cable Illustrations

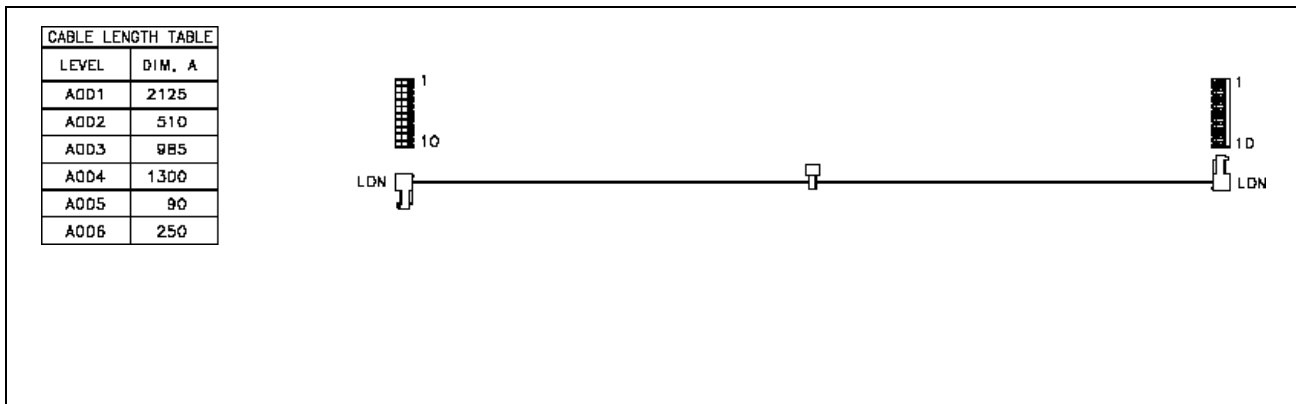




LON Bus Cables

Cable Description/Location	Current Part	Previous Part
Pump Control Node to Door Node Pump Control Node or Crind Control Note to Door Node	M00489A001	-
Door Node to Printer to Scanner Pump Control Node to Crind Control Node	M00489A002	-
Printer to Totalizer Node	M00489A003	-
Printer to Barcode Scanner	M00489A004	-

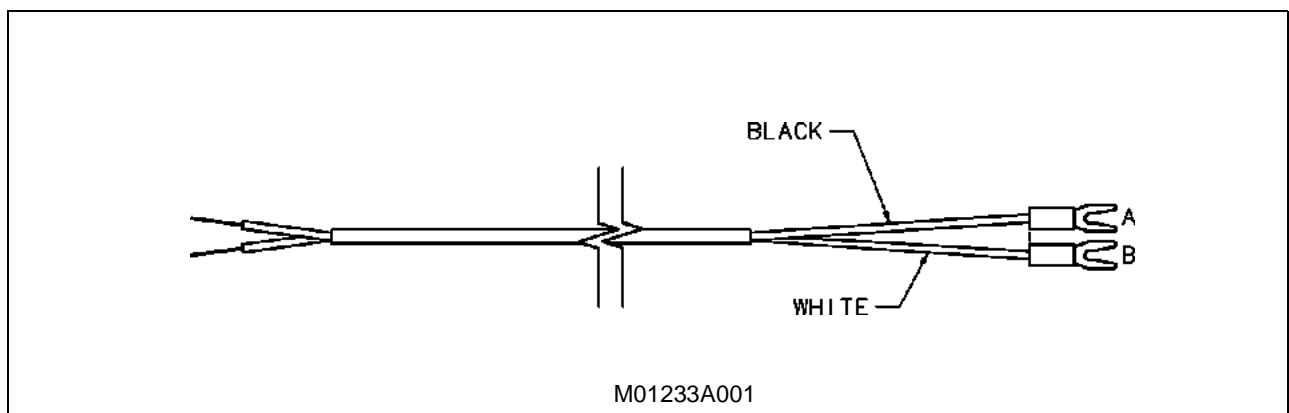
LON Bus Cable length table and illustration

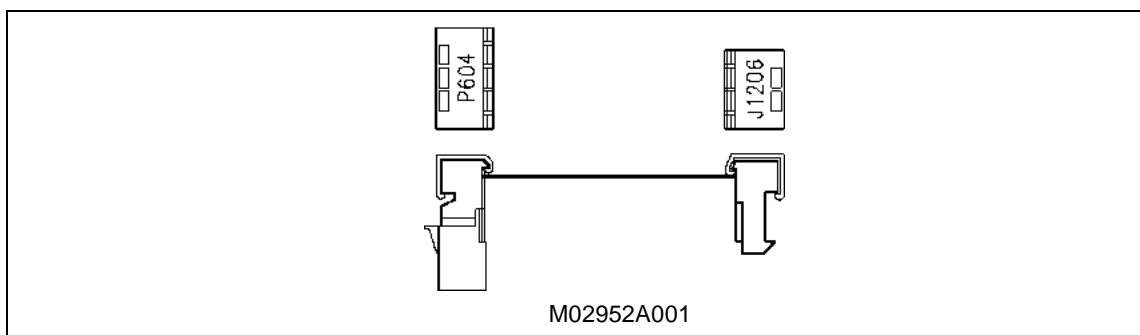
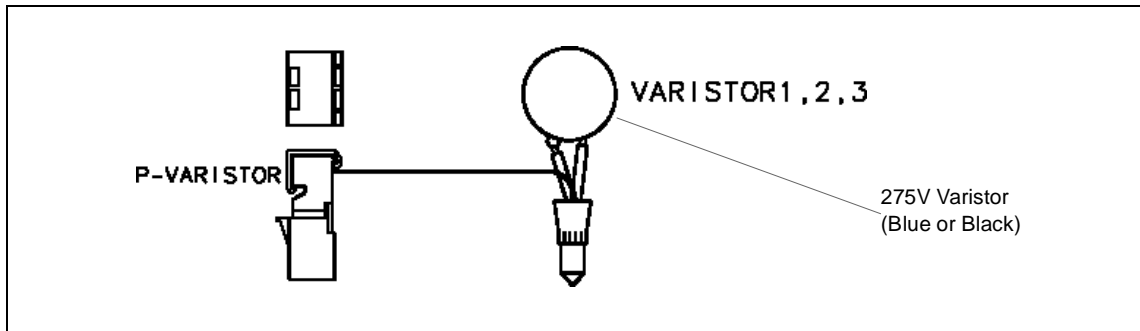
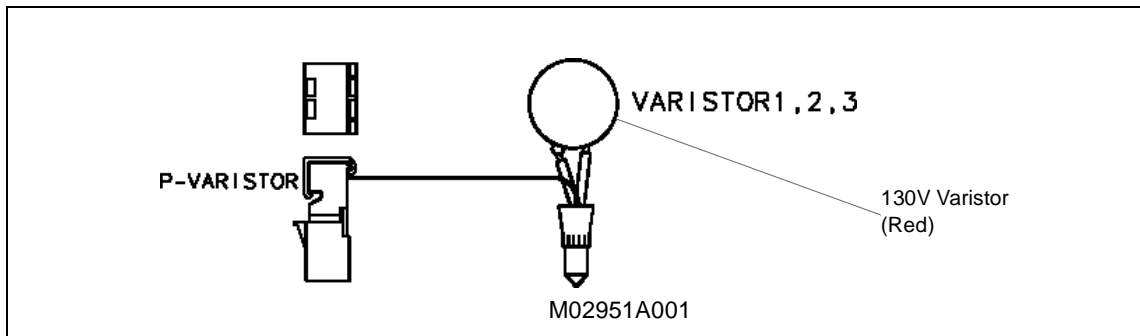
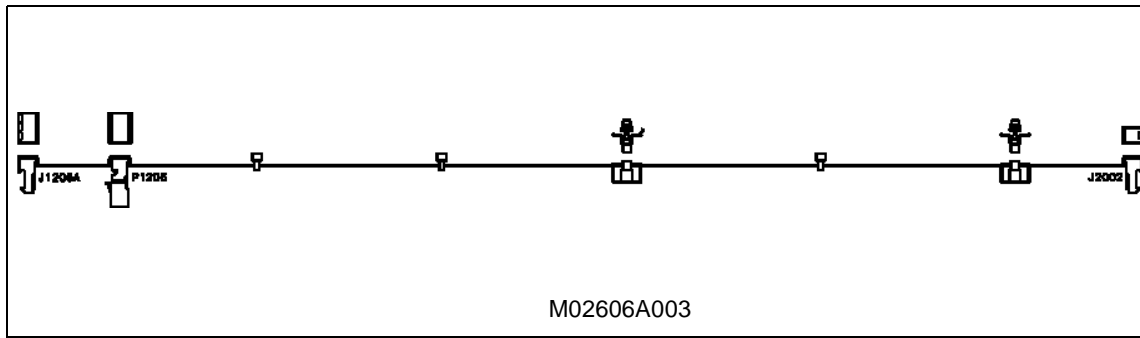


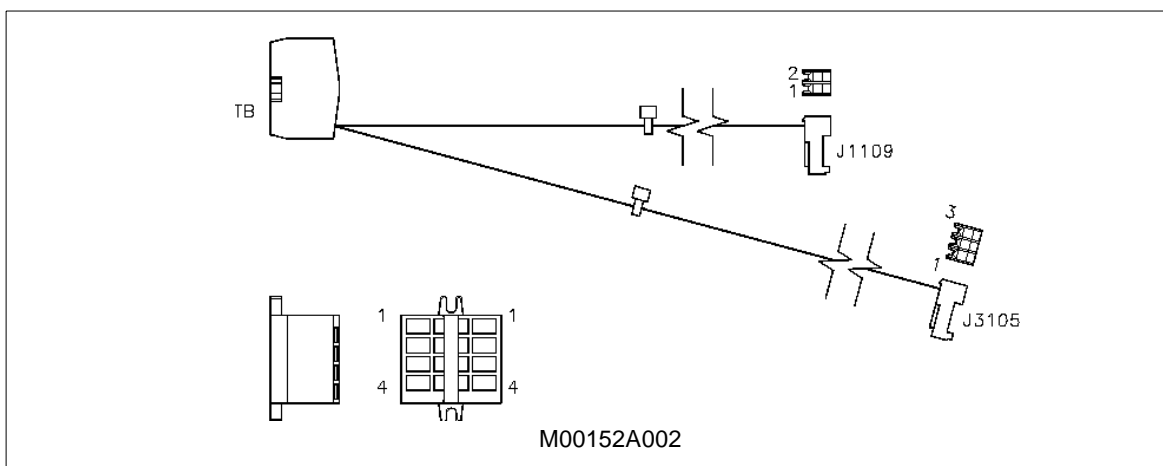
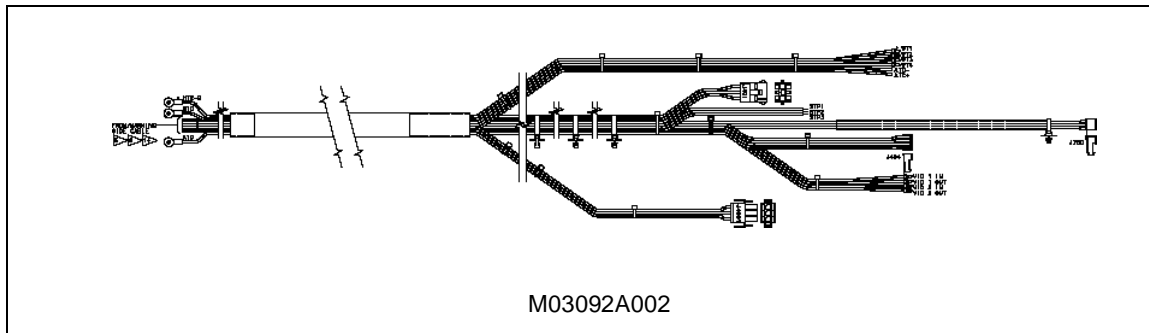
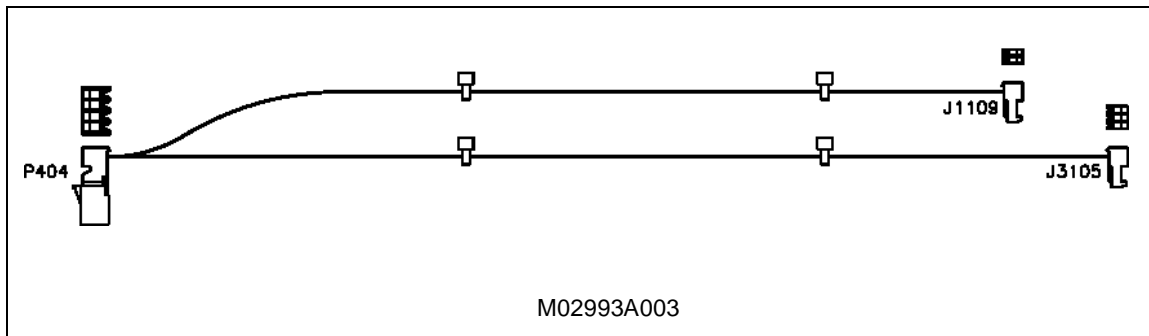
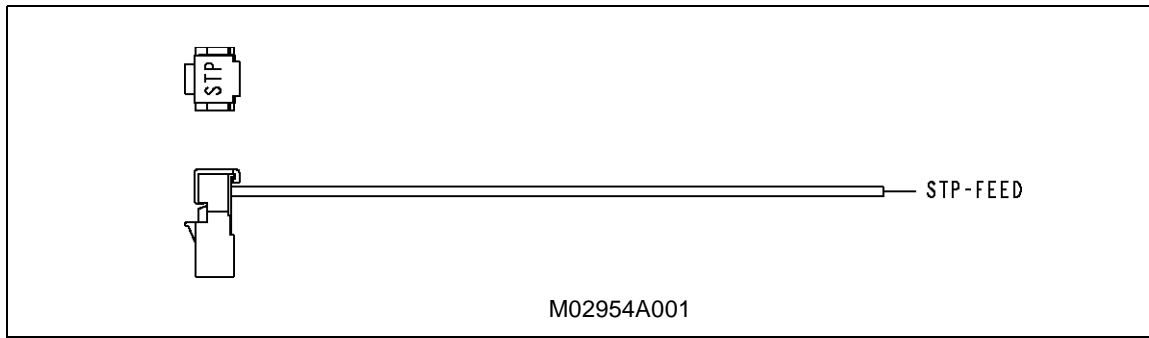
Main Power Supply

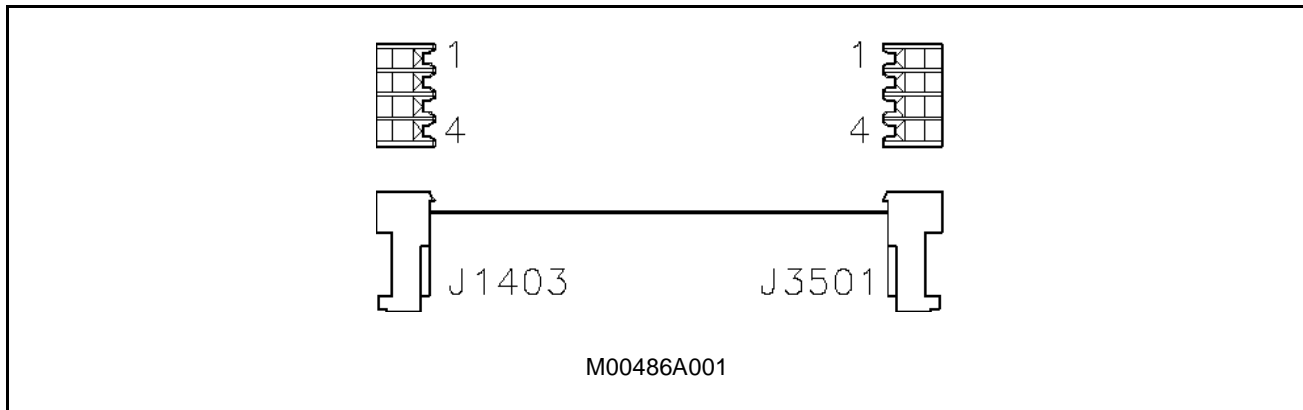
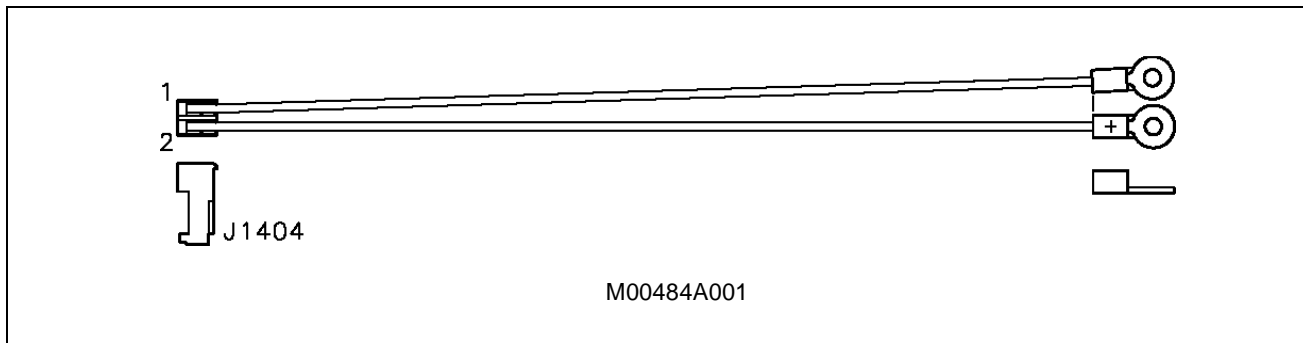
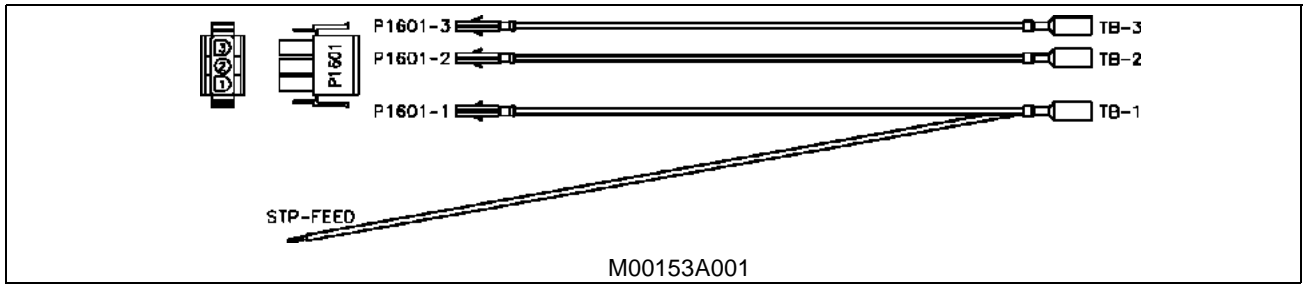
Cable Description	Current Part	Previous Part
Speaker with wire cable	M01233A001	-
Ballast/Backlight cable	M02606A003	M00630A004
Varistor cable	M02951A001	-
Varistor cable, 275v	M02951A002	-
Adapter cable, 130v	M02952A001	-
STP Board cable	M02954A001	-
2-wire cable	M02993A003	-
Conduit assembly	M03092A002	-
Terminal Block 2-wire cable (No longer used)	-	M00152A002
Power Terminal cable (No longer used)	-	M00153A001
Capacitor (<i>Filter Cap</i>) cable (No longer used)	-	M00484A001
+24V Regulator PCA cable (No longer used)	-	M00486A001
Backlight Power cable	M00517A006	
.156 Inch Centers, 2 Position, 18 AWG Ribbon cable (No longer used)	M00614A006	M00614A002
Power 2 wire/STP Control cable	M00635A003	M00635A002
AC Power cable	M00806A002	M00806A001
Lamp/Heater/Ballast cable (No longer used)	-	M01103A001
Terminal block to Valve PCB cable (No longer used)	-	M01277A001
Cash Acceptor Filter Line cable (No longer used)	-	M02367A001
Cash Acceptor Terminal Block cable (No longer used)	-	M02368A001

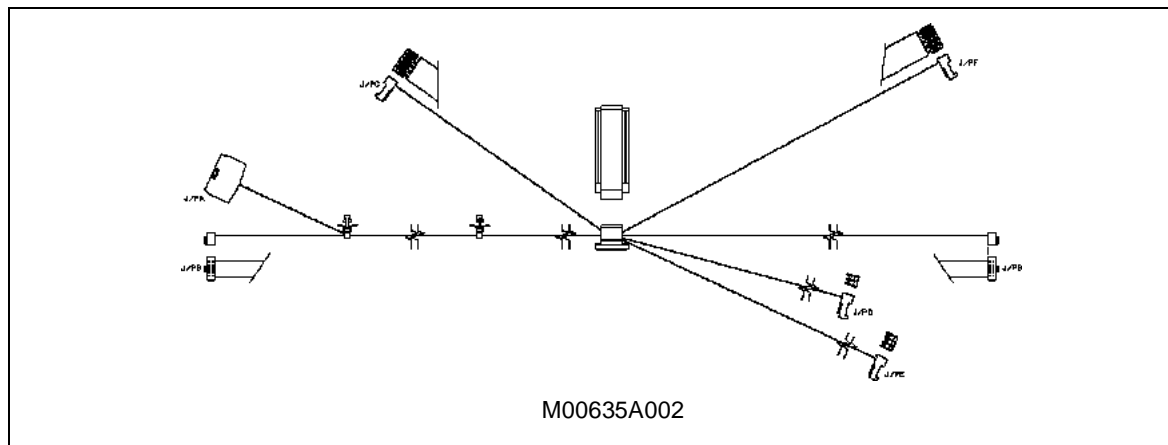
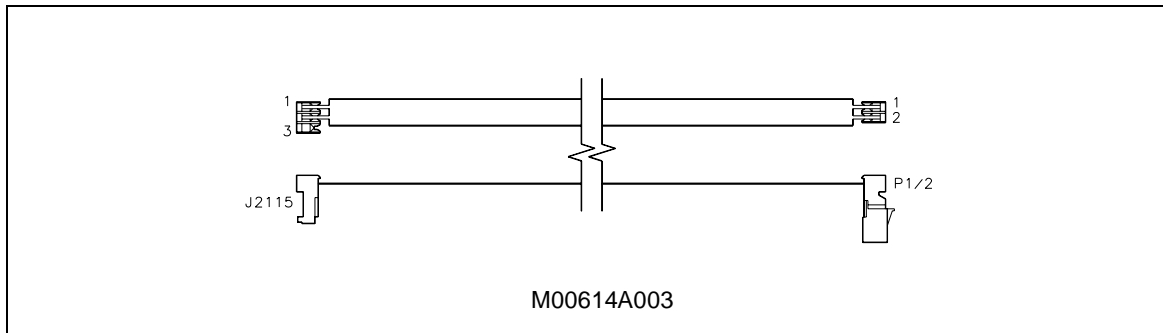
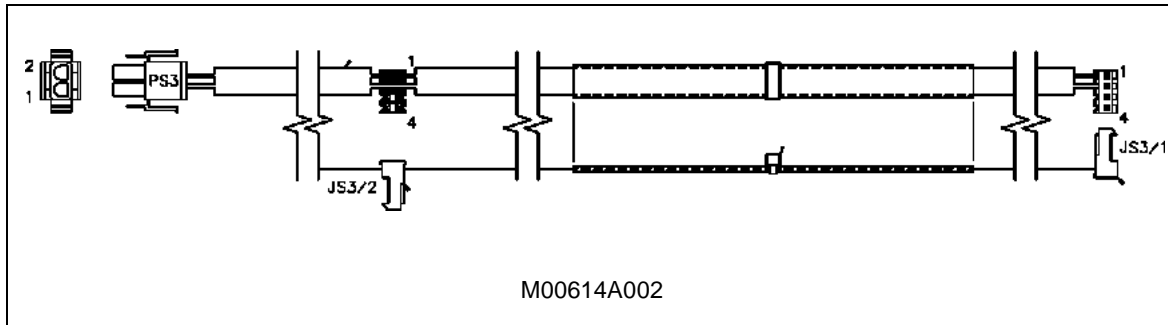
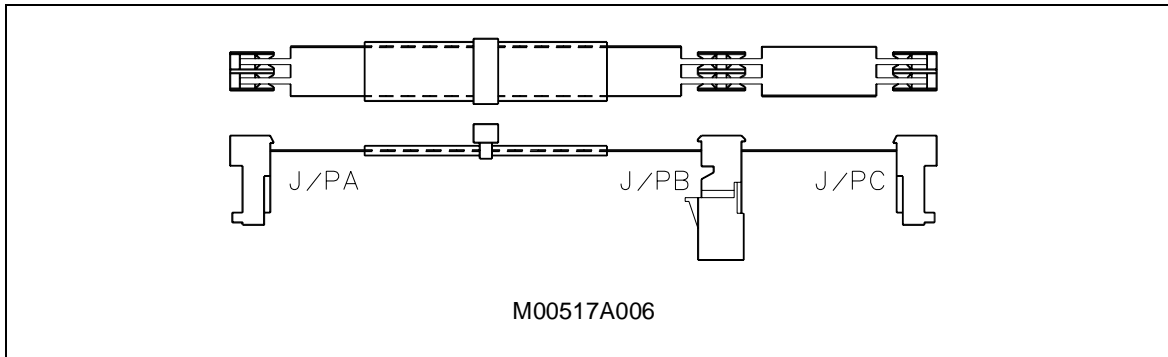
Main Power Supply Cable Illustrations

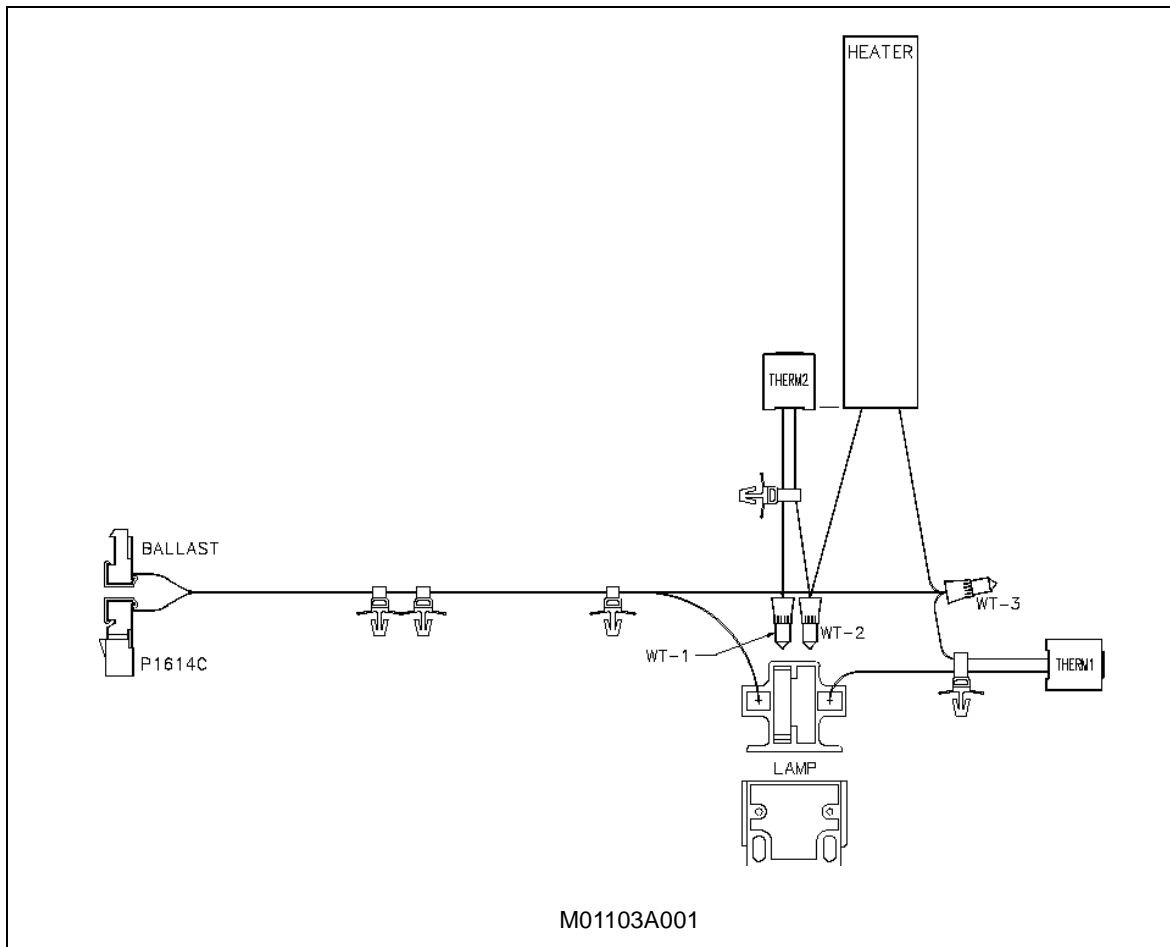
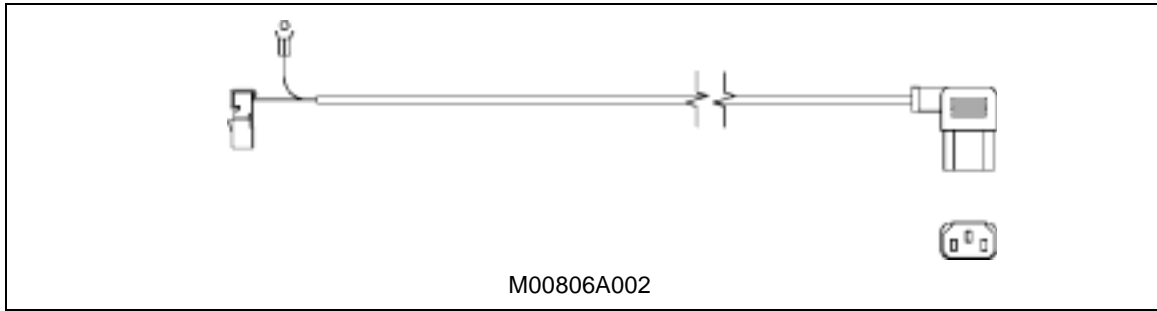


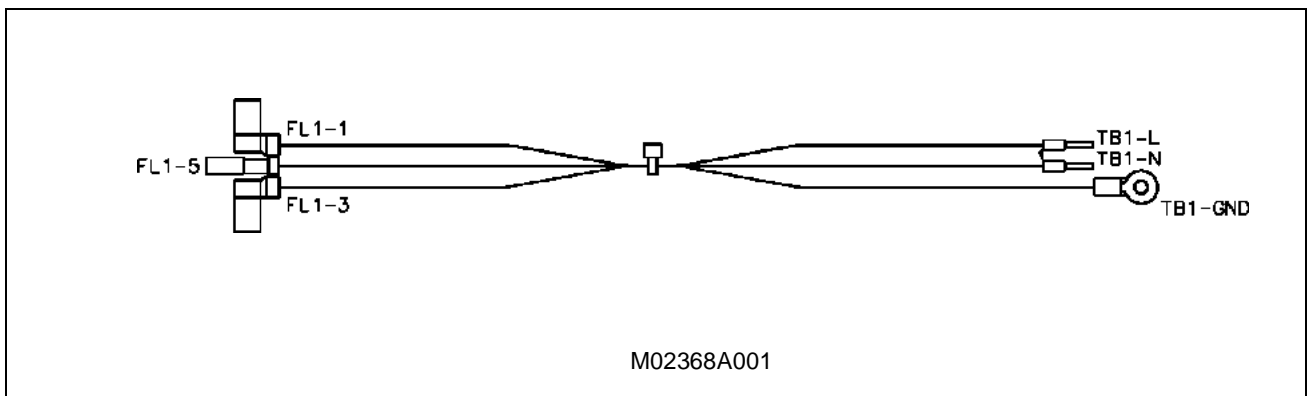
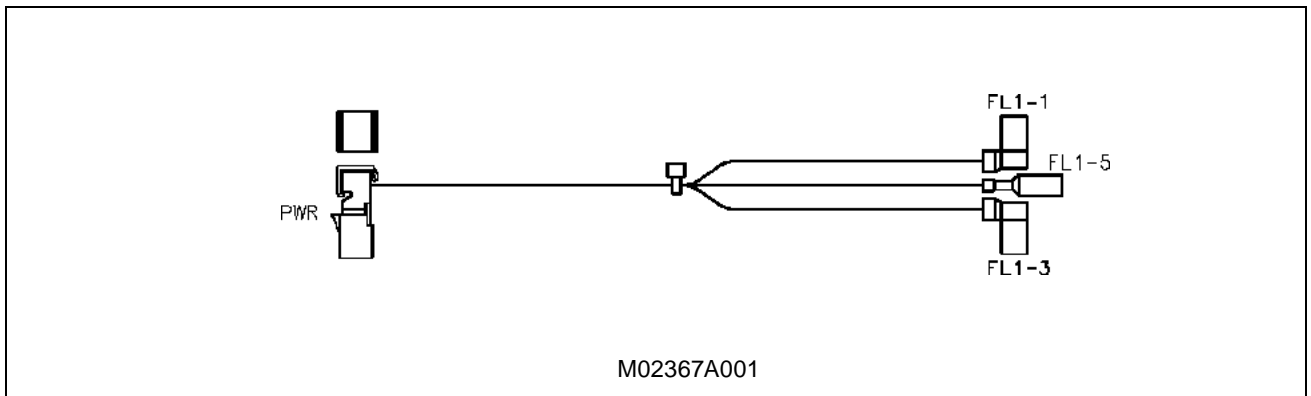
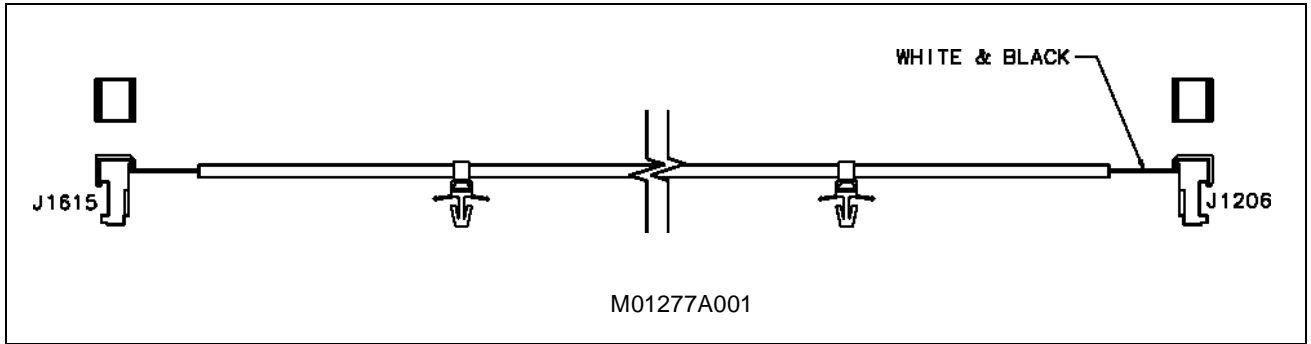








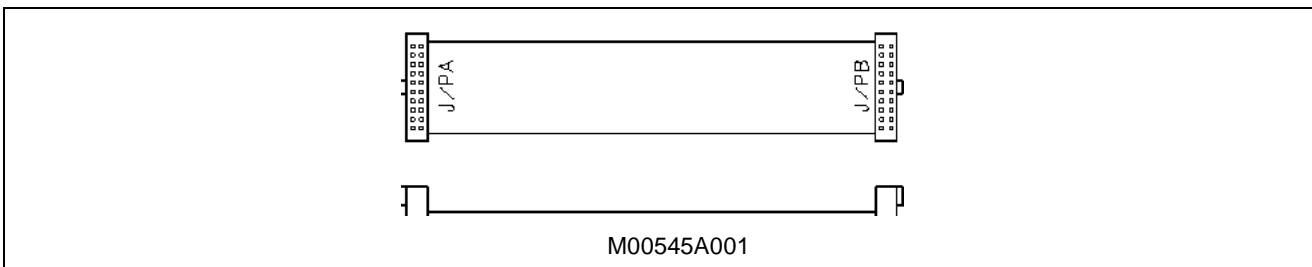
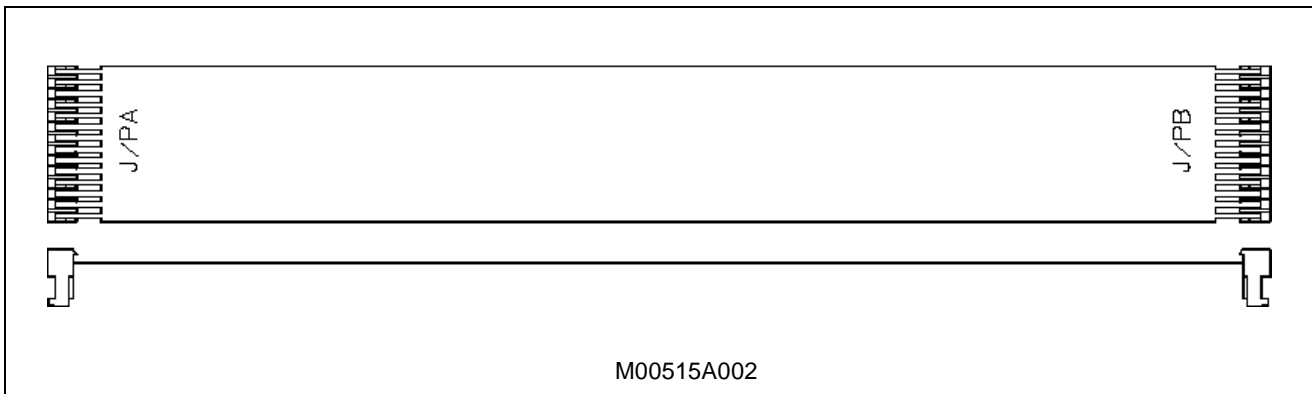
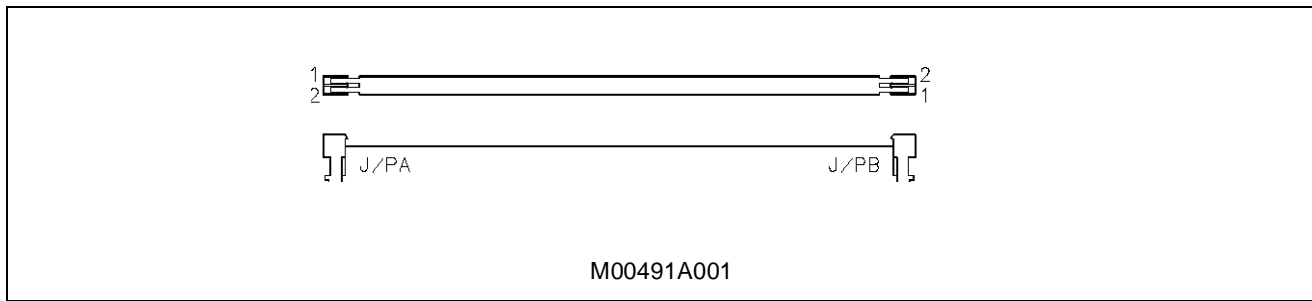


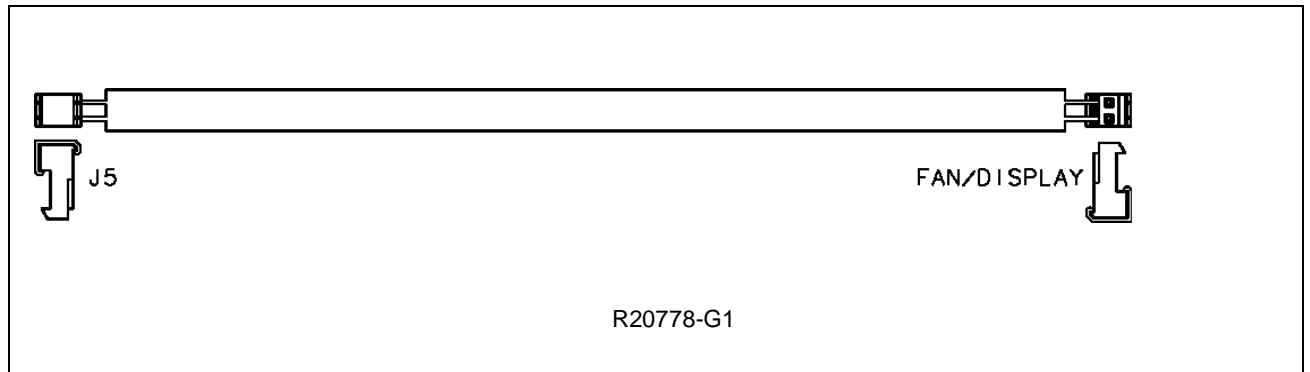
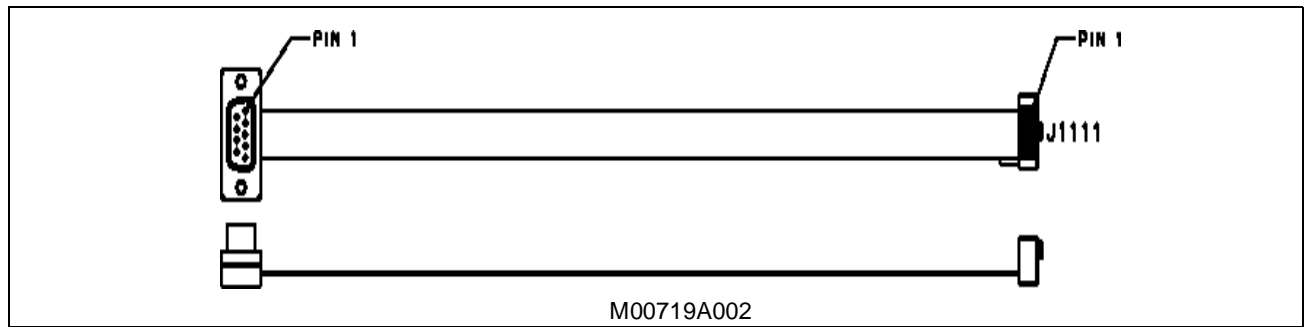
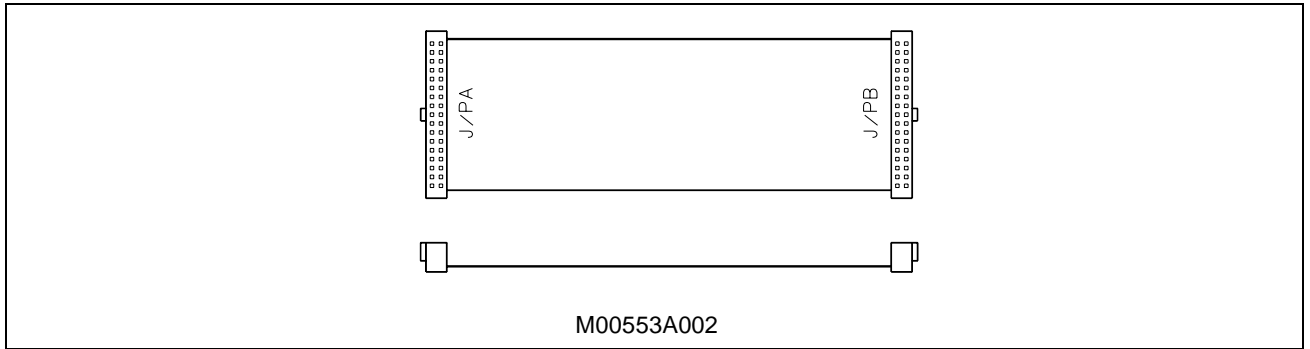


Monochrome "CRIND" Option

Cable Description	Current Part	Previous Part
LON Bus cable (Refer to LON Bus cable section)	-	-
2 Wire between CCN and PCN cable	M00491A001	-
TRIND Gateway to CCN cable (No longer used)	-	M00515A002
Monochrome Interface to CCN (No longer used)	-	M00545A001
Monochrome PCA to Monochrome display	M00553A002	-
Serial Programming Port cable	M00719A002	M00719A001
Backlight cable	R20778-G1	-

Monochrome "CRIND" Cable Illustrations

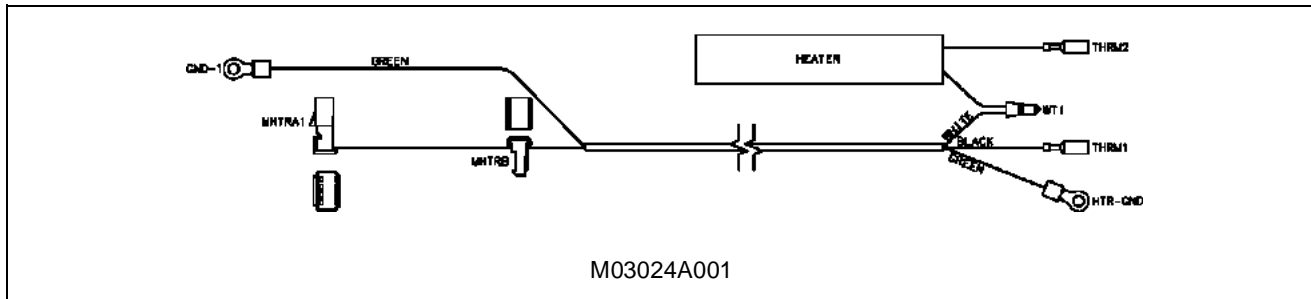




Monochrome Heater Option

Cable Description	Current Part	Previous Part
Heater cable	M03024A001	-

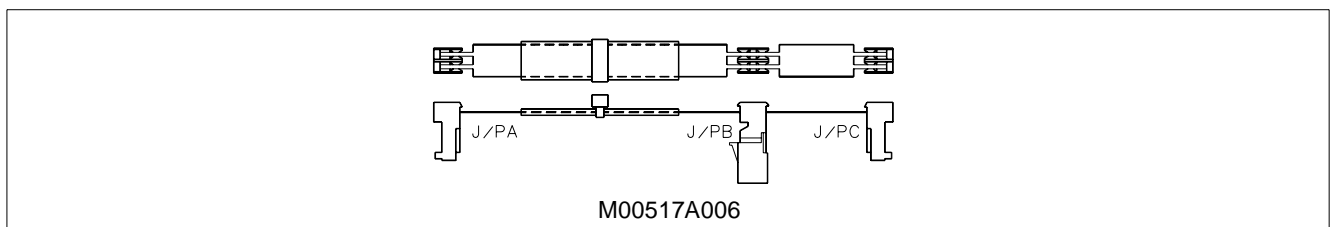
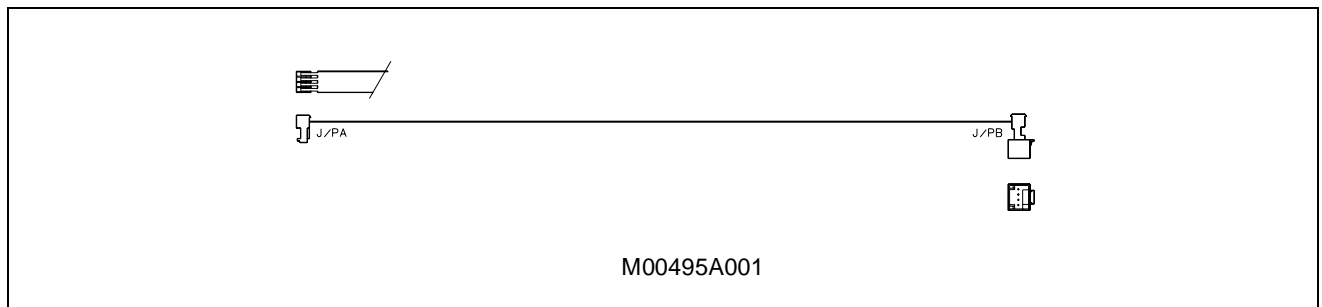
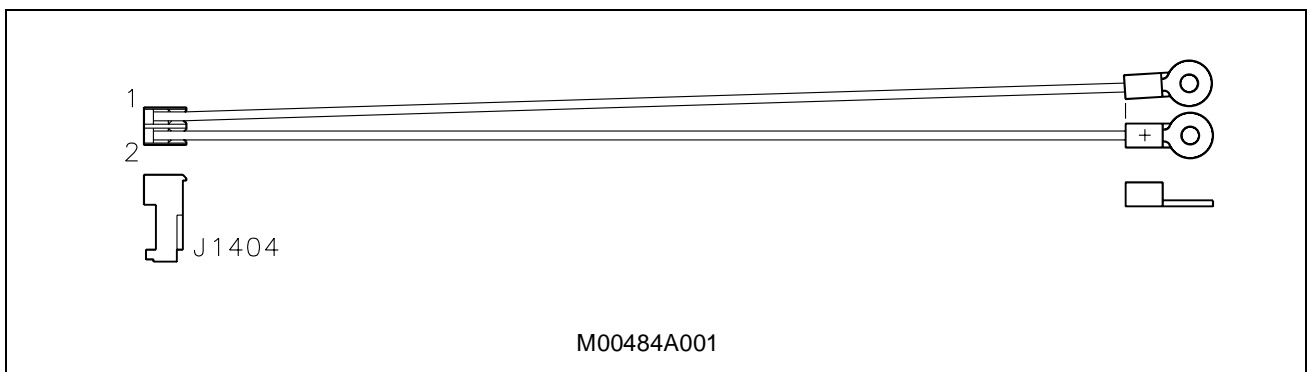
Monochrome Heater Cable Illustrations

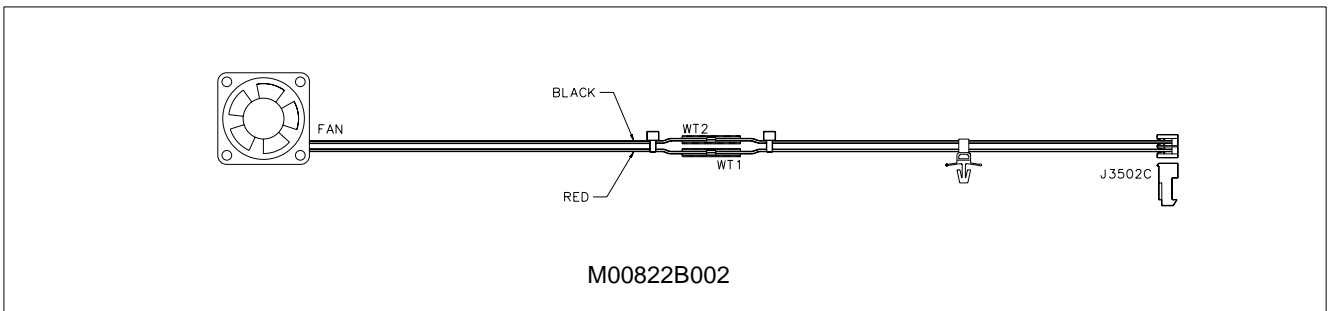
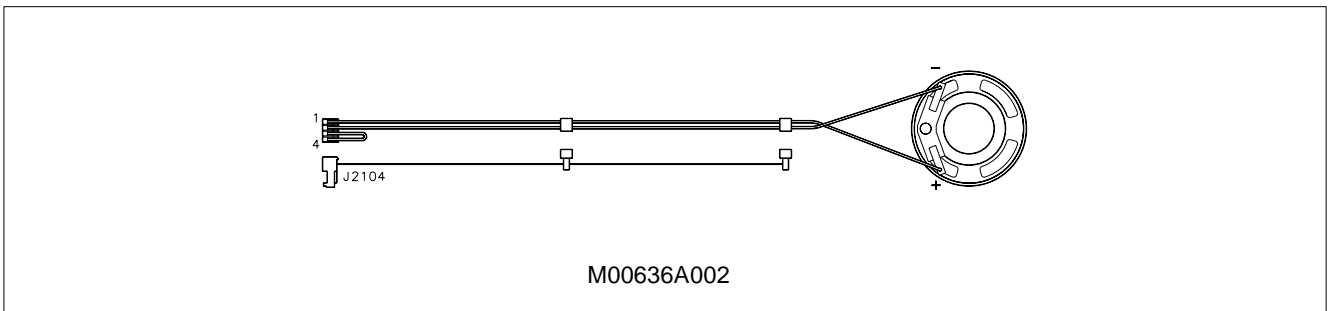
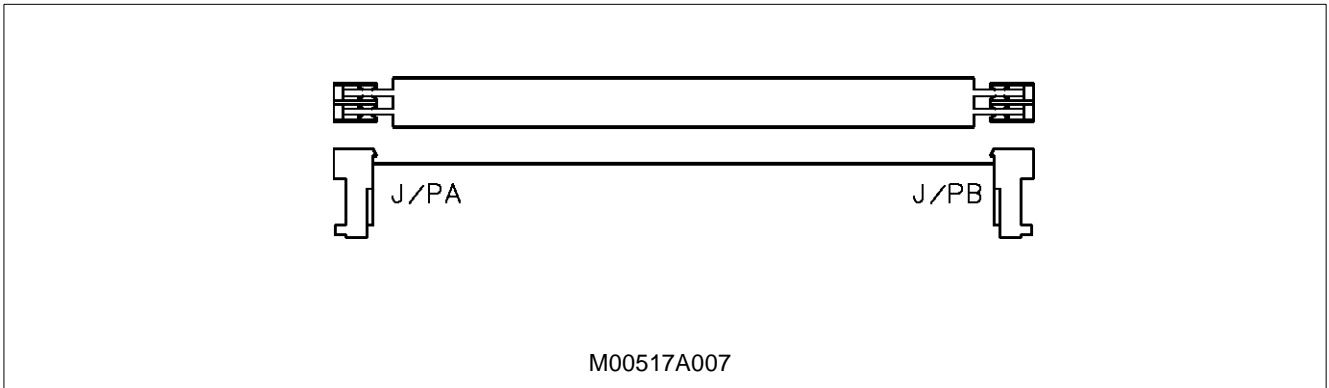


Printer

Cable Description	Current Part	Previous Part
LON Bus cable (Refer to LON Bus cable section)	-	-
Capacitor cable (No longer used)	-	M00484A001
.100 Inc Centers, 4 Position, 22AWG Ribbon cable	M00495A001	-
+24V Printer and Fan Power cable	M00517A006	-
+24V Scanner cable	M00517A007	-
Speaker and Cable assembly	M00636A002	-
Monochrome Fan assembly (No longer used)	-	M00822B002
Infrared Sensor Printer cable	R20771-G1	-

Printer Cable Illustrations

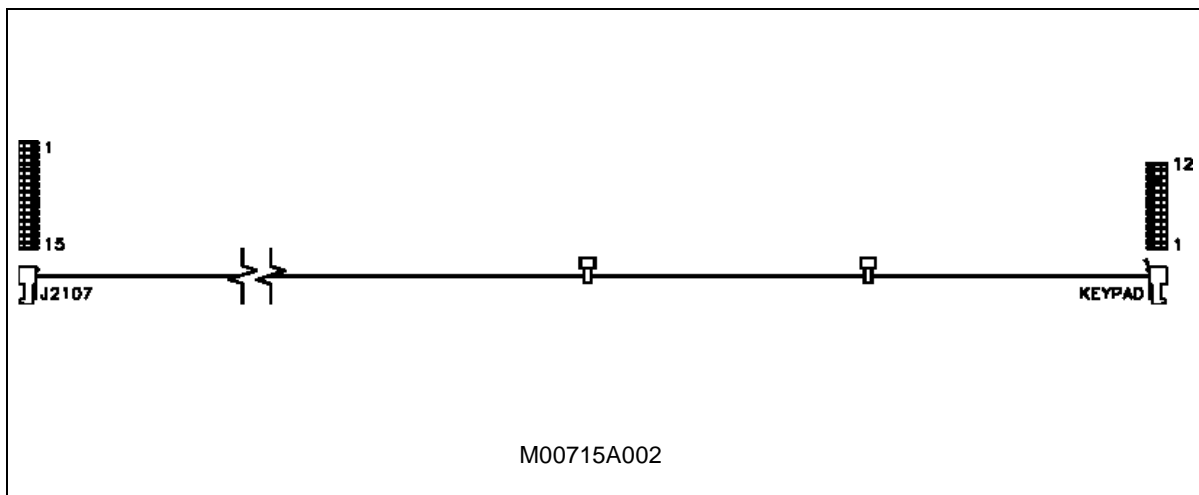




Programmable Pump Preset (PPP) Option

Cable Description	Current Part	Previous Part
Customer/Miscellaneous Keypad cable	M00715A002	M01202A001

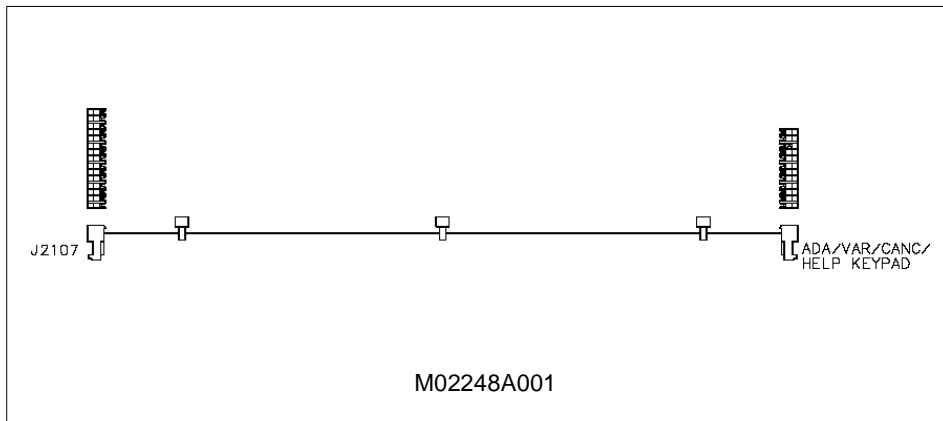
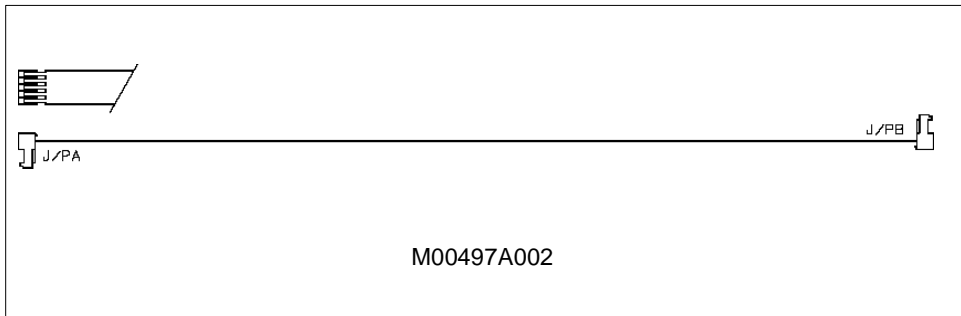
PPP Cable Illustrations



Smartpad Option

Cable Description	Current Part	Previous Part
ADA/VAR/CANC/Help keypad	M00497A002	-
Smartpad cable	M02248A001	-

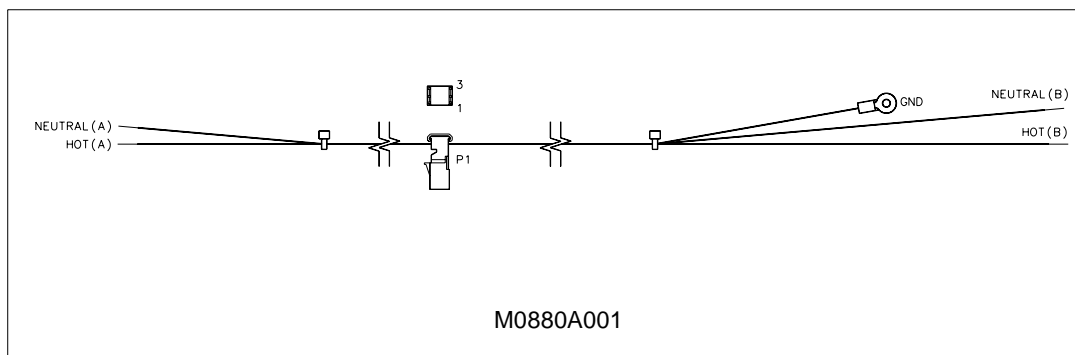
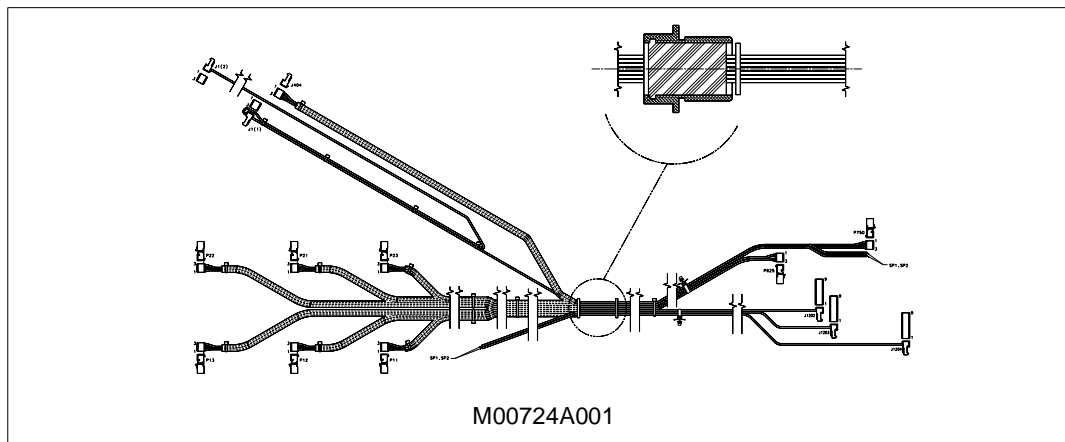
Smartpad Cable Illustrations

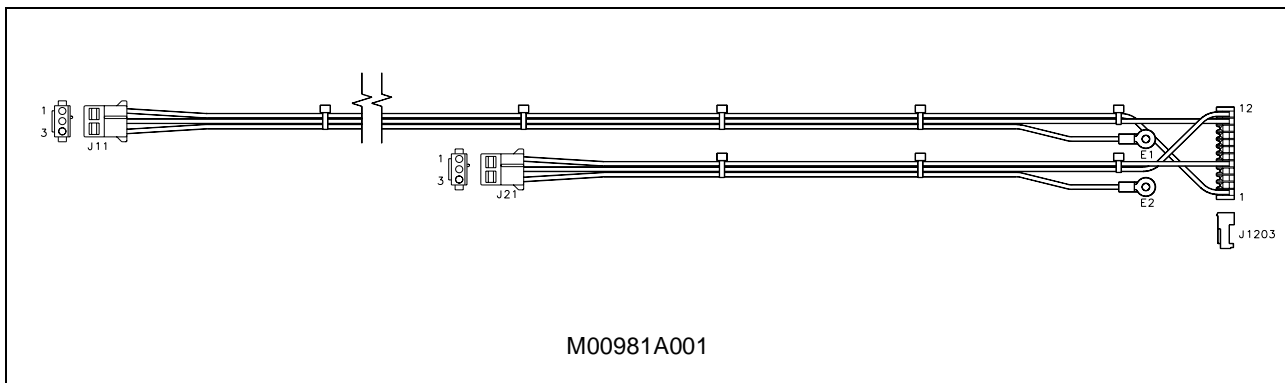
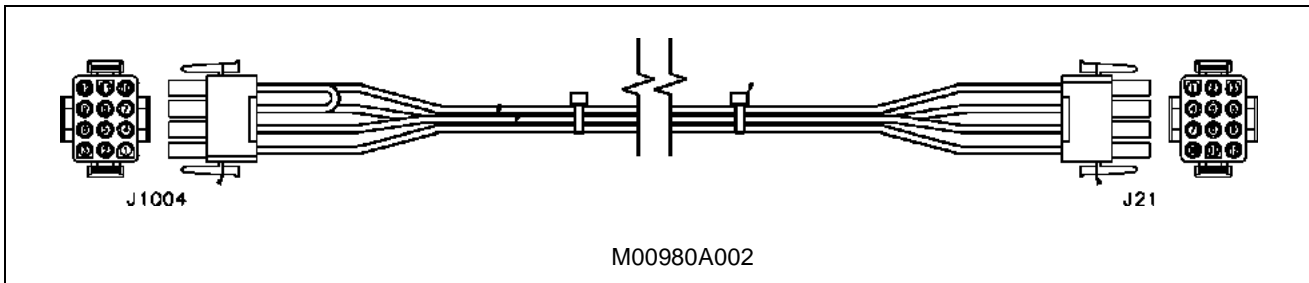
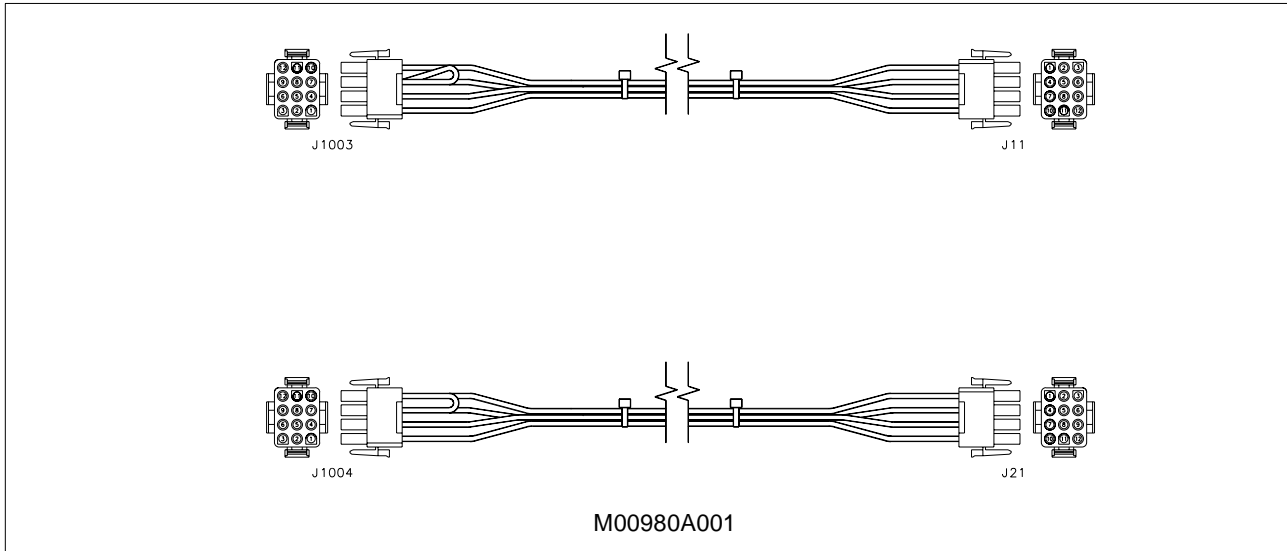


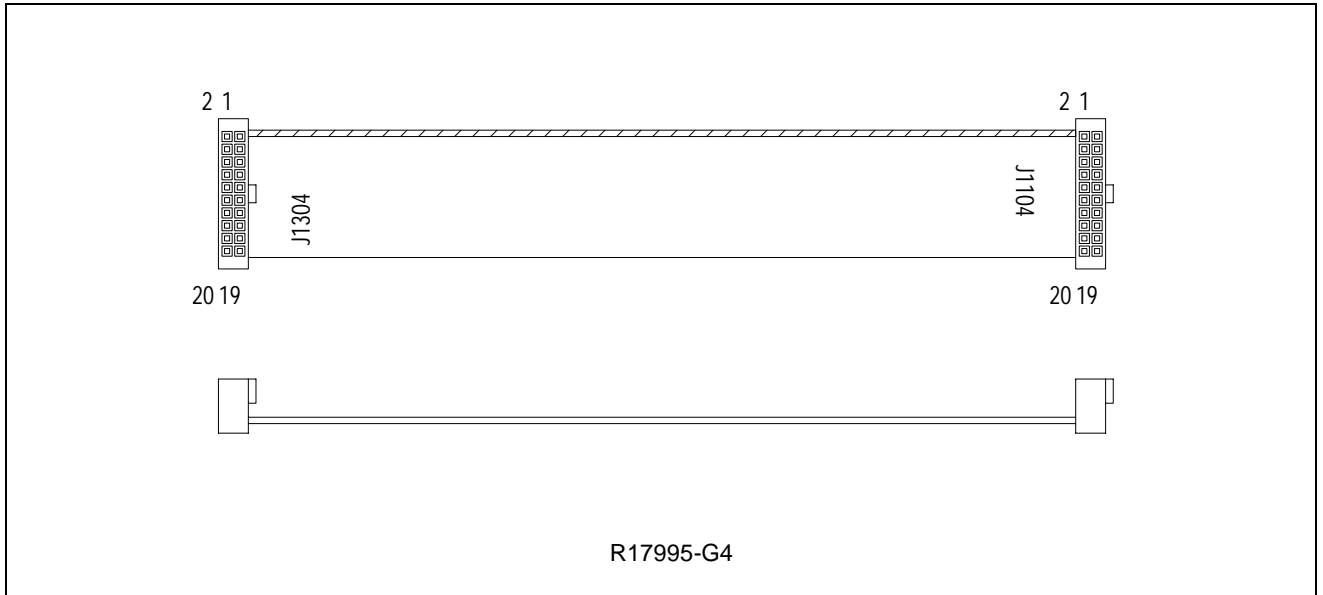
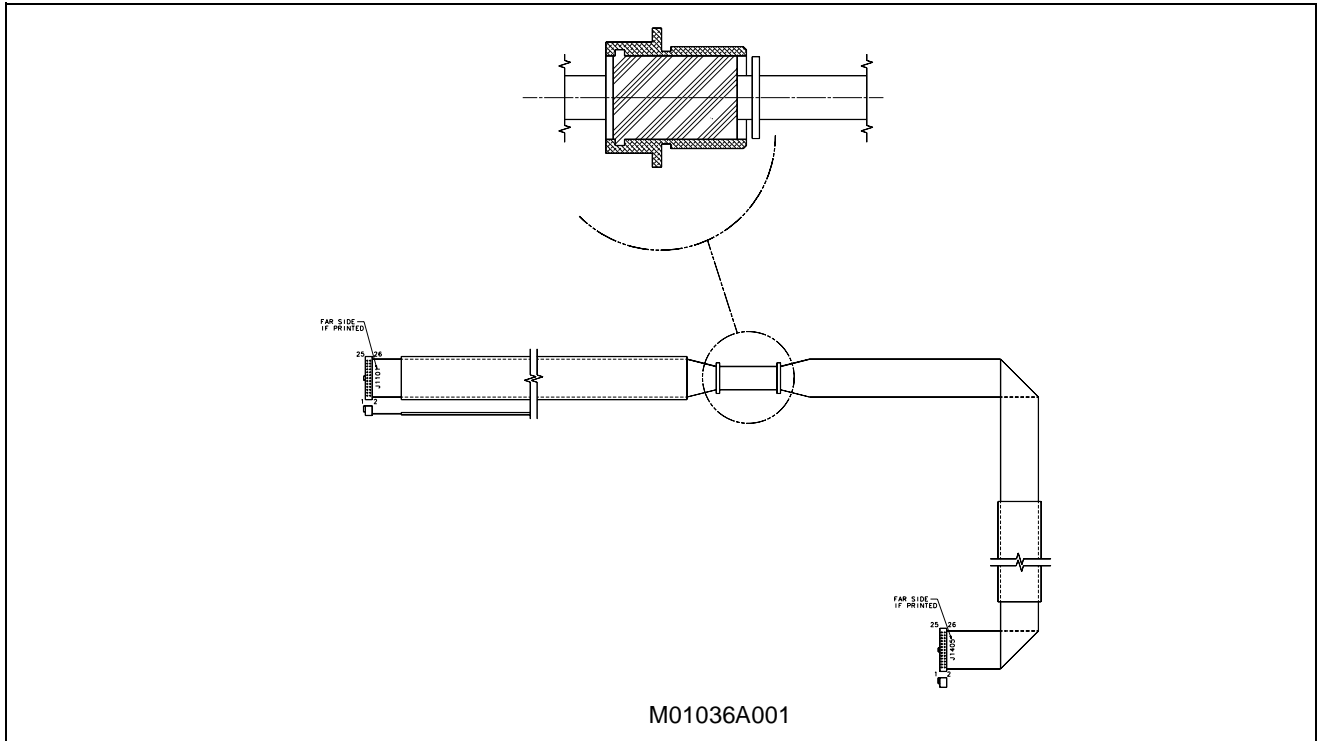
Vapor Vac Option

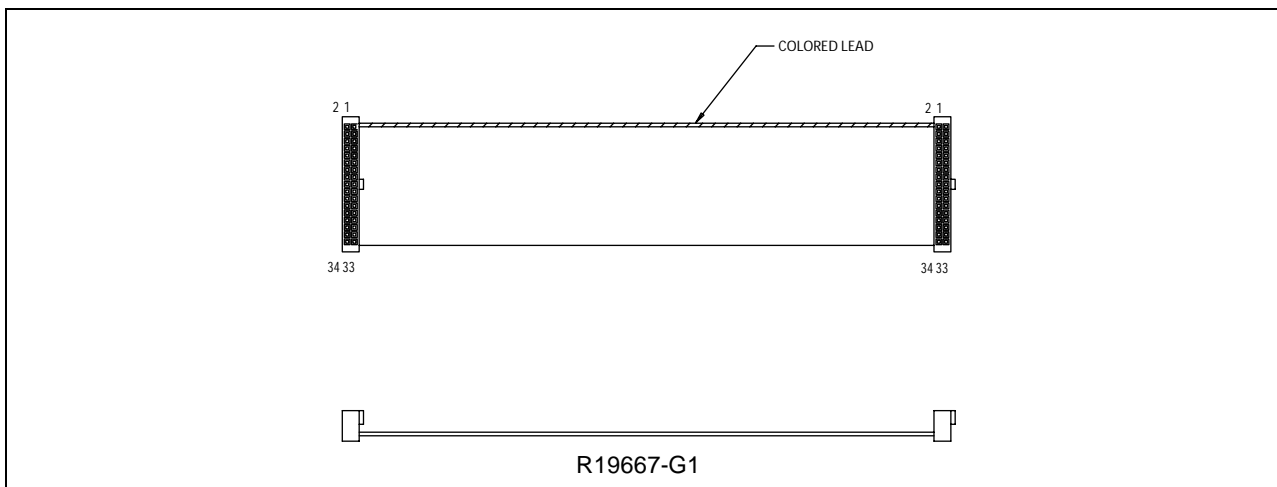
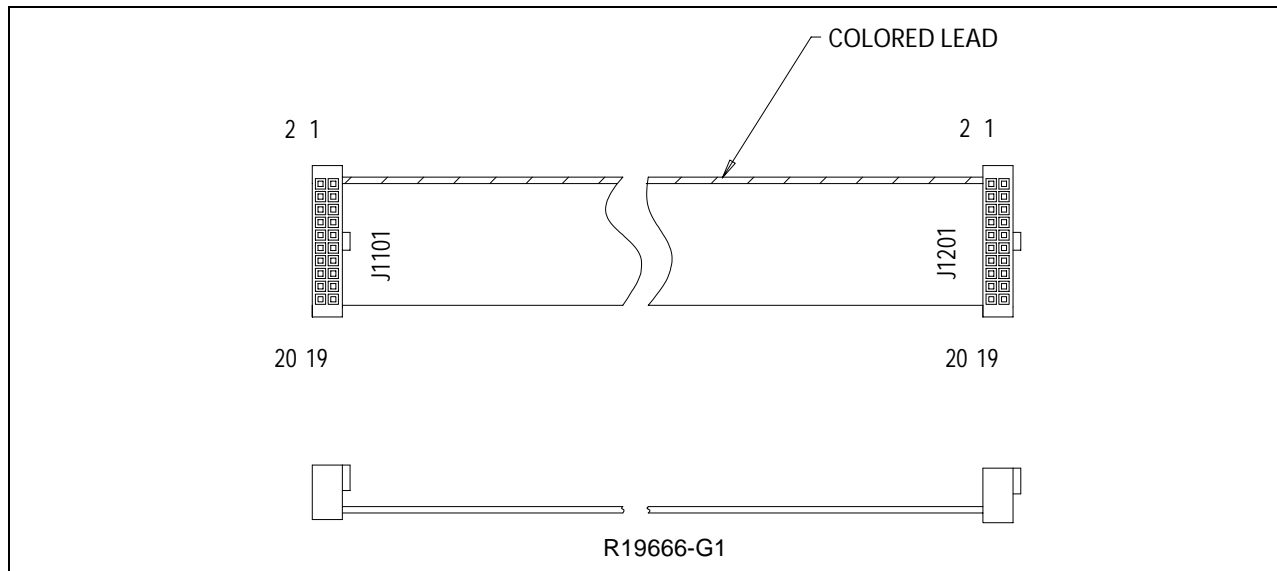
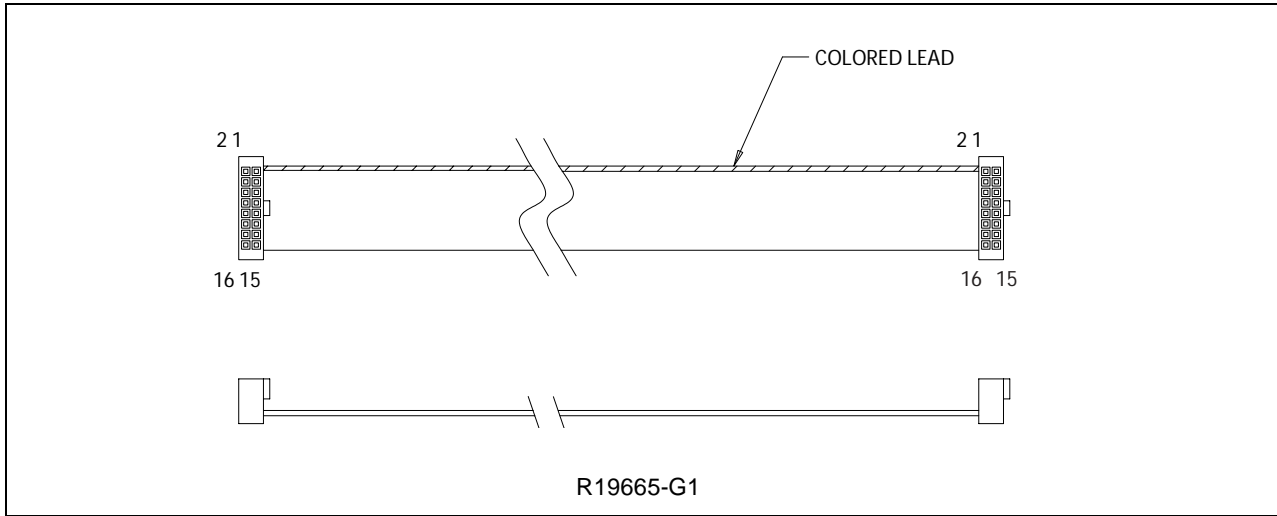
Cable Description	Current Part	Previous Part
Conduit and Cable assembly (<i>Valve and Motor control CD Module</i>)	M00724A001	-
Light Box Cable	M00880A001	-
VaporVac Motor Control cable (side 1)	M00980A001	-
VaporVac Motor Control cable (side 2)	M00980A002	-
VaporVac Valve cable	M00981A001	-
Conduit and VaporVac Isolation cable	M01036A001	-
Ribbon Cable, 20 con (Reg/Logic)	R17995-G4	-
Ribbon Cable assembly	R19665-G1	-
Ribbon Cable assembly, 20 con	R19666-G1	-
Ribbon Cable assembly, 34 con	R19667-G1	-
Ribbon Cable, 24 con	R19672-G1	-
Multiplex Cable interface	R19699-G1	-

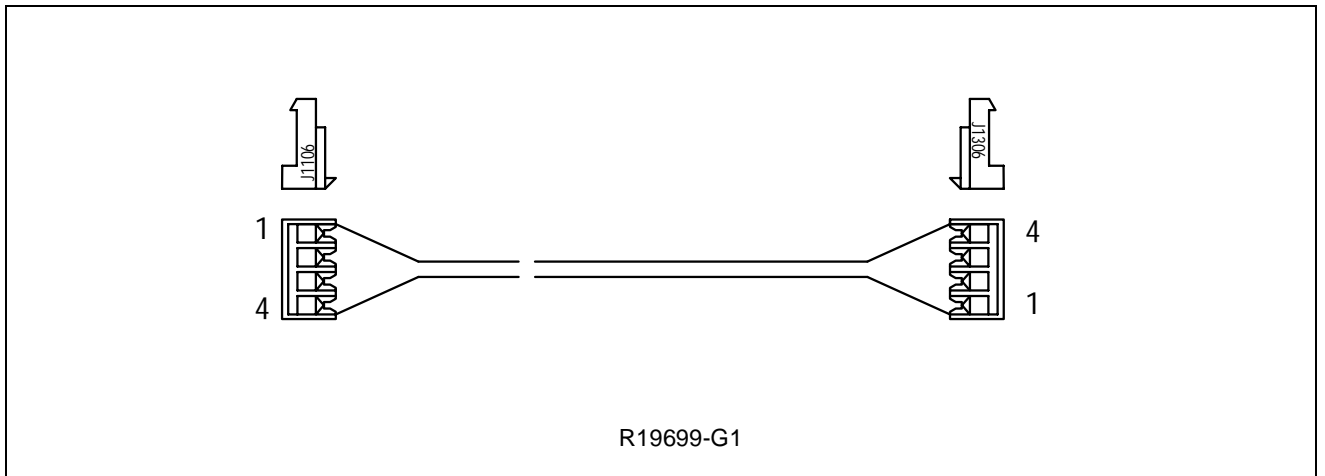
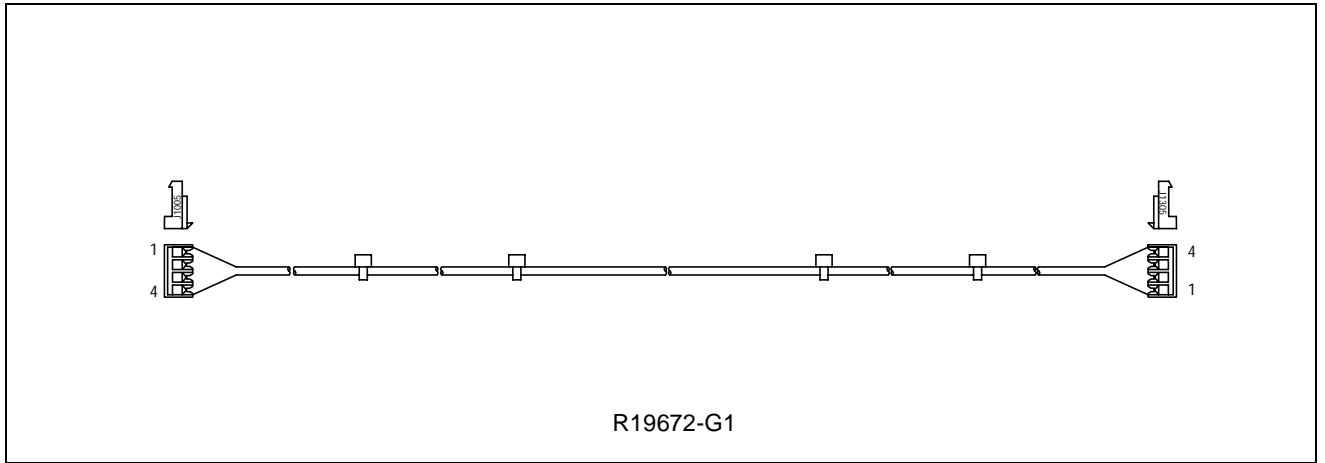
Vapor Vac Cable Illustrations







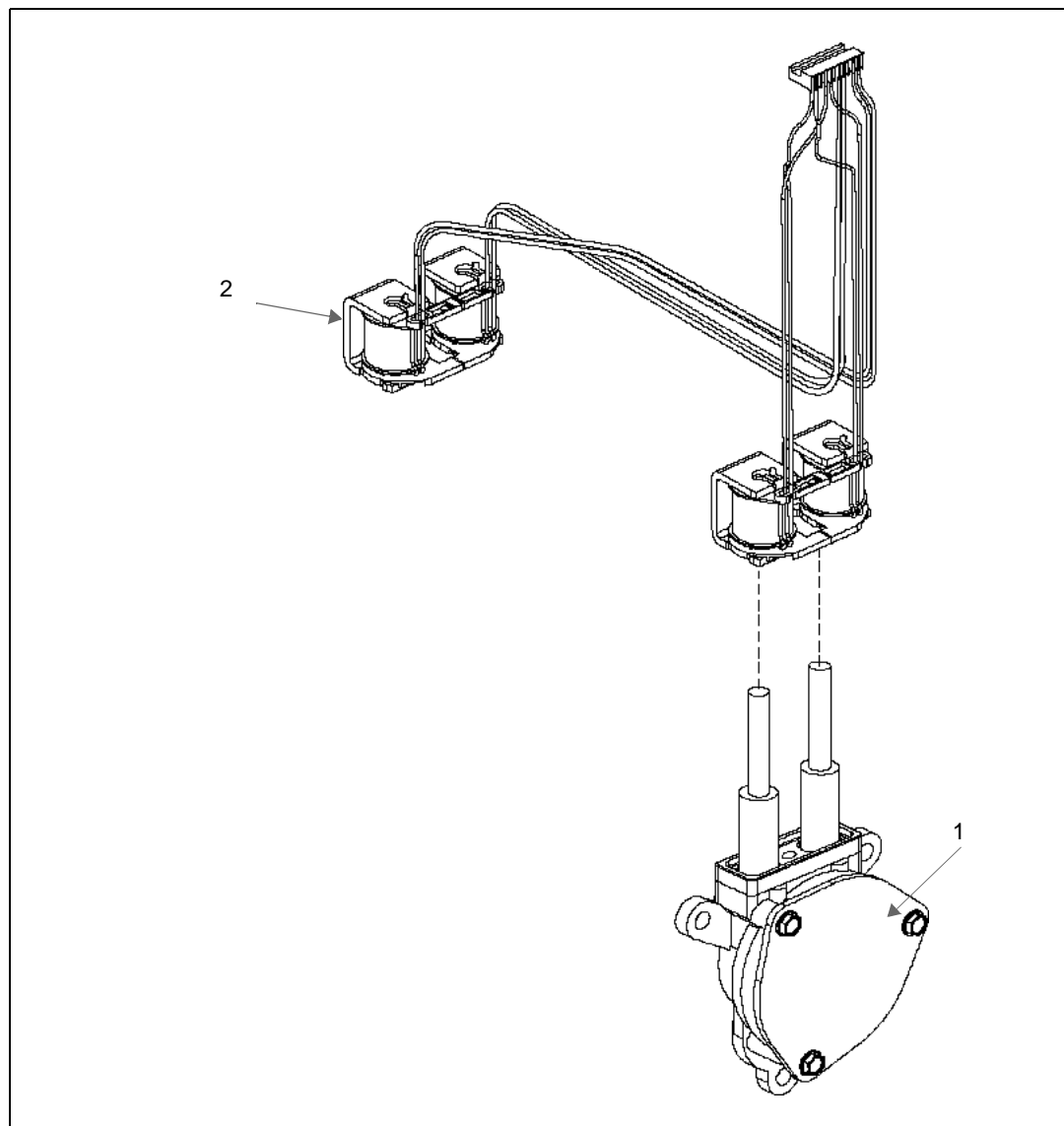




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6 – Digital Valve and Coil Section

Valve

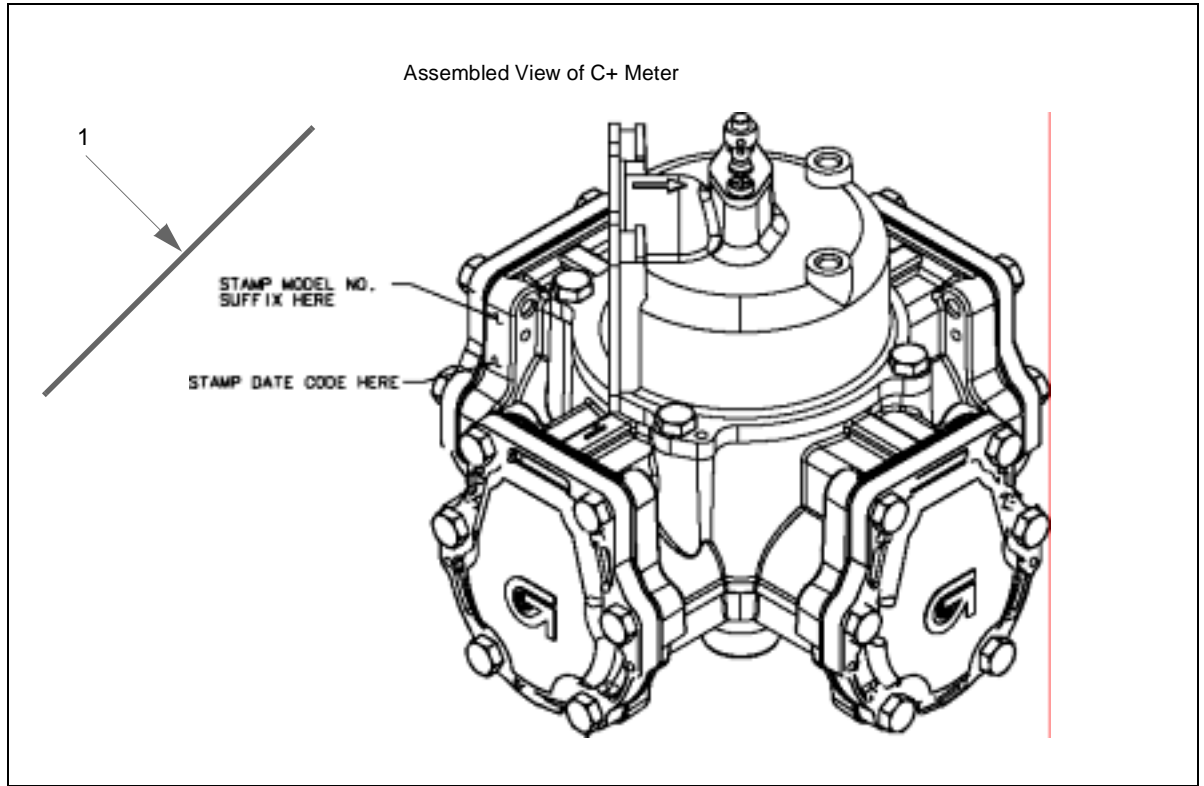


Item #	Description	Current Part	Previous Part	Quantity
1	Digital Valve Assembly (Replacement Kit)	M00246A001	M02168K001	1
2	Coil (Available as a 2 coil pair only)	N23785-01	M00678A001	1

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7 – Meter Section

C+ Meter



Item #	Description	Current Part	Previous Part	Quantity
1	C+ Meter Assembly	T19976-G3S	-	(See Note 1)
	• MDE-3892 C+ Meter Master Seal Service Kit Installation <i>{Reference Only}</i>	K96618	-	(See Note 2)
	• Meter Quad Ring Top Seal Replacement Kit <i>{Reference Only}</i>	K35222	-	(See Note 3)

Notes:

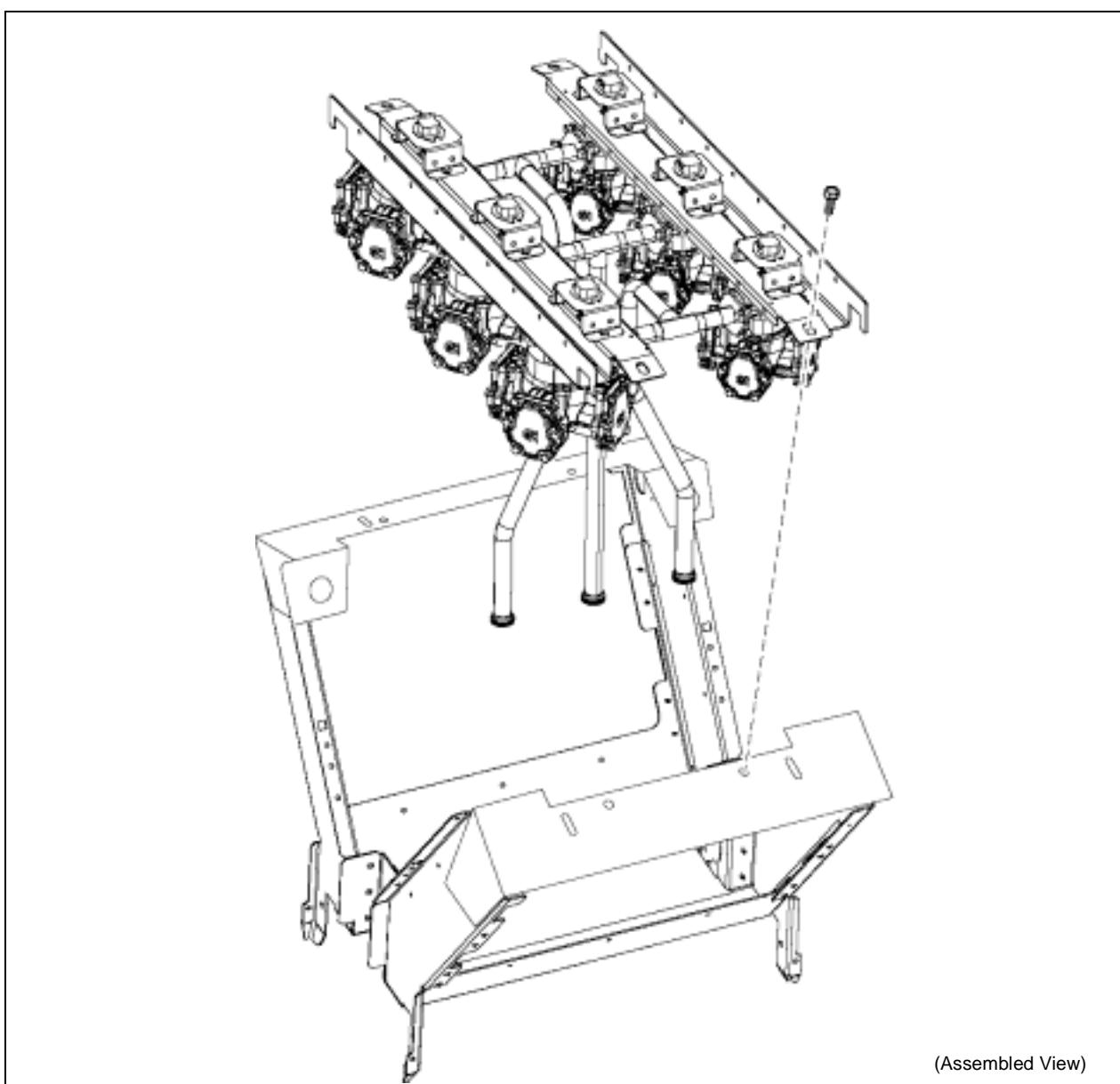
1. C+ Meter is ordered only as an assembly.
2. MDE-3892 provides information on how to install K96618 C+ Meter Master Seal Service. Kit provides materials and instructions for complete changeout of all seals as a major rebuild.
3. MDE-2188 provides information on how to install K35222 Kit. Kit contains enough top seals to service (10) meters.

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8 – Hydraulics Section

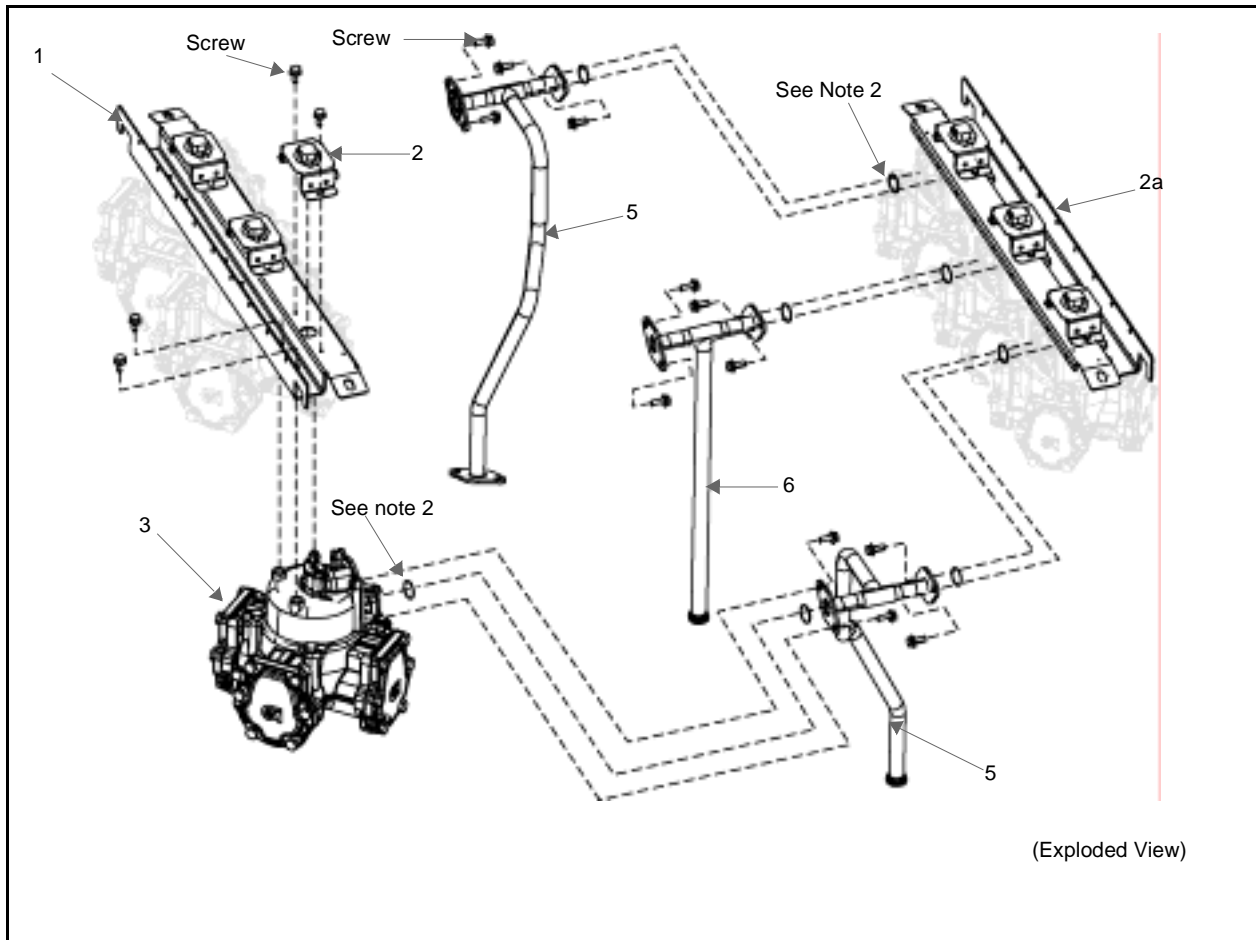
Upper Hydraulics

C+ Meter Rail Assembly



Note: See page 8-2 C+ Meter Rail Assembly to see illustrated parts list.

C+ Meter Rail Assembly

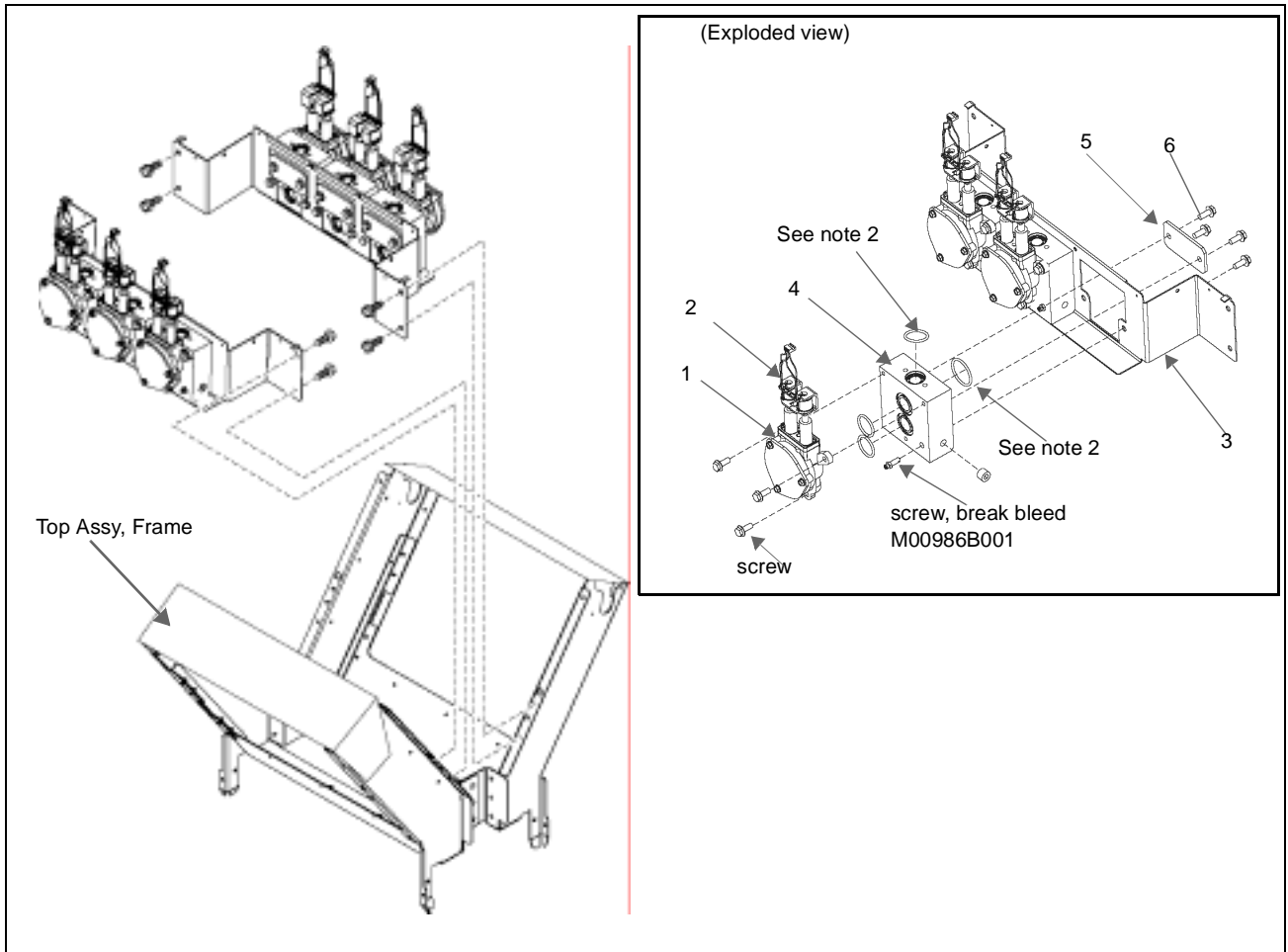


Item #	Description	Current Part	Previous Part	Quantity
1	C+ Meter Support Bracket (See Note 1)	M00905B001	-	2
2	Pulser Mounting Bracket	M00139B001	-	1 per meter
2a	<ul style="list-style-type: none"> Pulser assembly cable (See Note 1) (See Cable Section for description and details) 	M03239B001	M00453A001	2 pulsers per assembly
	<ul style="list-style-type: none"> Screw, metric thd 	-	-	2 per pulser bracket
	<ul style="list-style-type: none"> Coupling 	M00913B001	-	as required
	<ul style="list-style-type: none"> Pin 	Q10651-44	-	as required
3	C+ Meter Assembly	(See Note 2)	-	-
4	Check Valve	N23619-G2	-	1 per meter
	<ul style="list-style-type: none"> O-ring (See Note 3) 	-	-	(See Note 4)
5	Tube Assembly, meter inlet	M02680A001	M00947A001	2
6	Tube Assembly, meter inlet	M02679A001	M00948A001	1

Notes:

1. Pulser Assembly M00453A001 was replaced by M03239B001 in 3/2003. M00905B001 is no longer used.
2. Refer to Meter section in manual for current part number.
3. Refer to Kit K96621-01 for Seal, Gasket, O-ring parts.
4. Quantities may vary.

Bracket Manifold Assembly

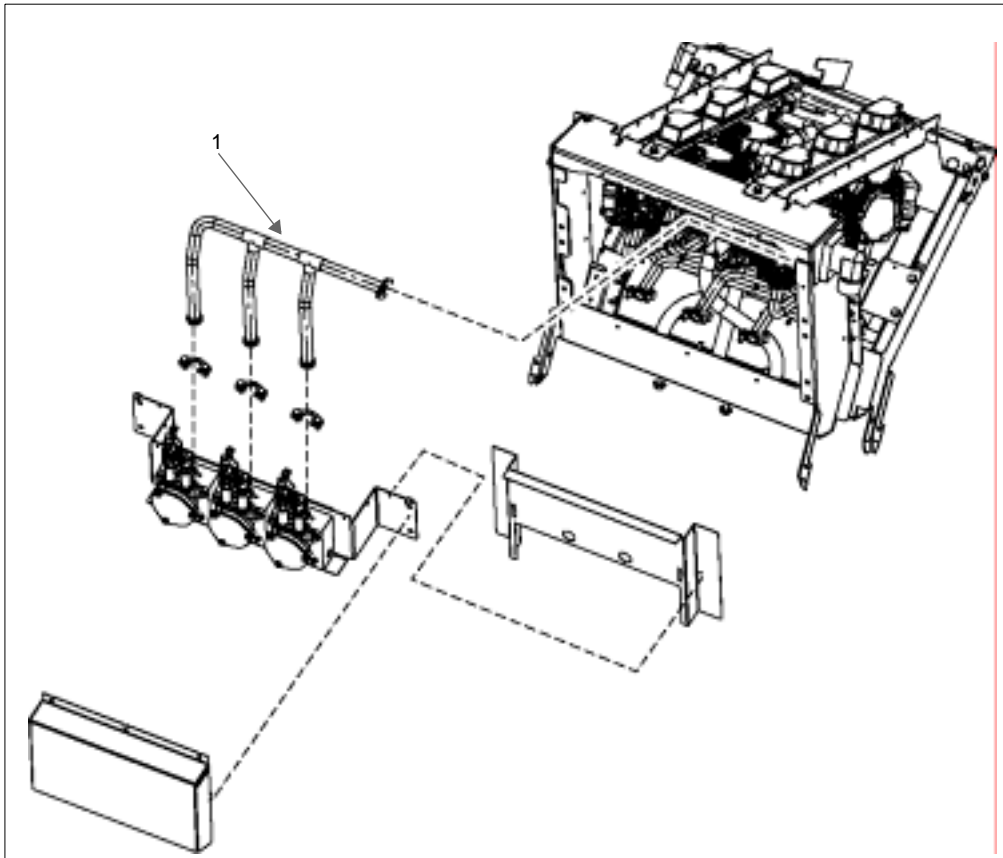


Item #	Description	Current Part	Previous Part	Quantity
1	Digital Control Valve (Replacement kit M02168K001)	M01268K001	M00246A001	A/R
	• Screw M8 x 20	-	-	3
2	Digital Valve Coil	N23785-01	-	A/R
3	Bracket Manifold Assembly	M00922A001	-	2
-	• Screw, metric M8 x 20 (See Note 1)	-	-	4 per bracket
4	Hydraulic Manifold	M00909B002	-	3
	• O-ring (See Note 2)	-	-	3 per manifold
	• Screw, Break bleed	M00986B001	-	3
5	Hydraulic Meter manifold Plate	M00250B001	-	3
6	• Screw M8 x 20 (See Note 1)	-	-	2 per plate

Notes:

1. Use metric hardware kit K96620 01 (includes screws, nuts, bolts) to replace fasteners.
2. Refer to kit K96621 01 to replace O-rings.

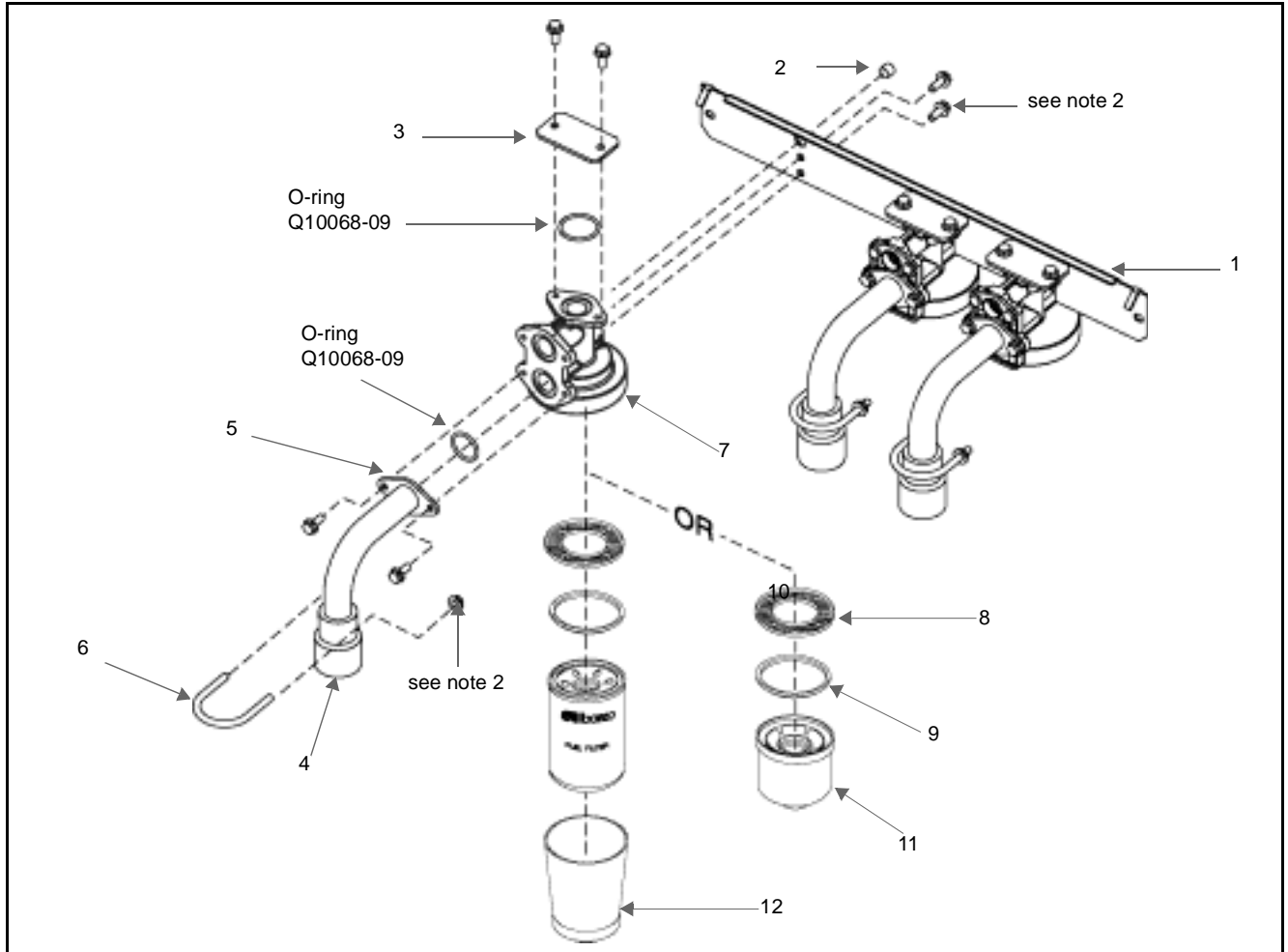
Manifold with Discharge Tubing



Item #	Description	Current Part	Previous Part	Quantity
1	Manifold Discharge tube (three inlets) (dual sided unit)	M00944A001	-	1
<i>Not shown:</i>				
-	Manifold Discharge tube (one inlet)	M00946A001	-	1
-	Manifold Discharge tube (two inlets)	M00945A001	-	1

Lower Hydraulics

Filter Base



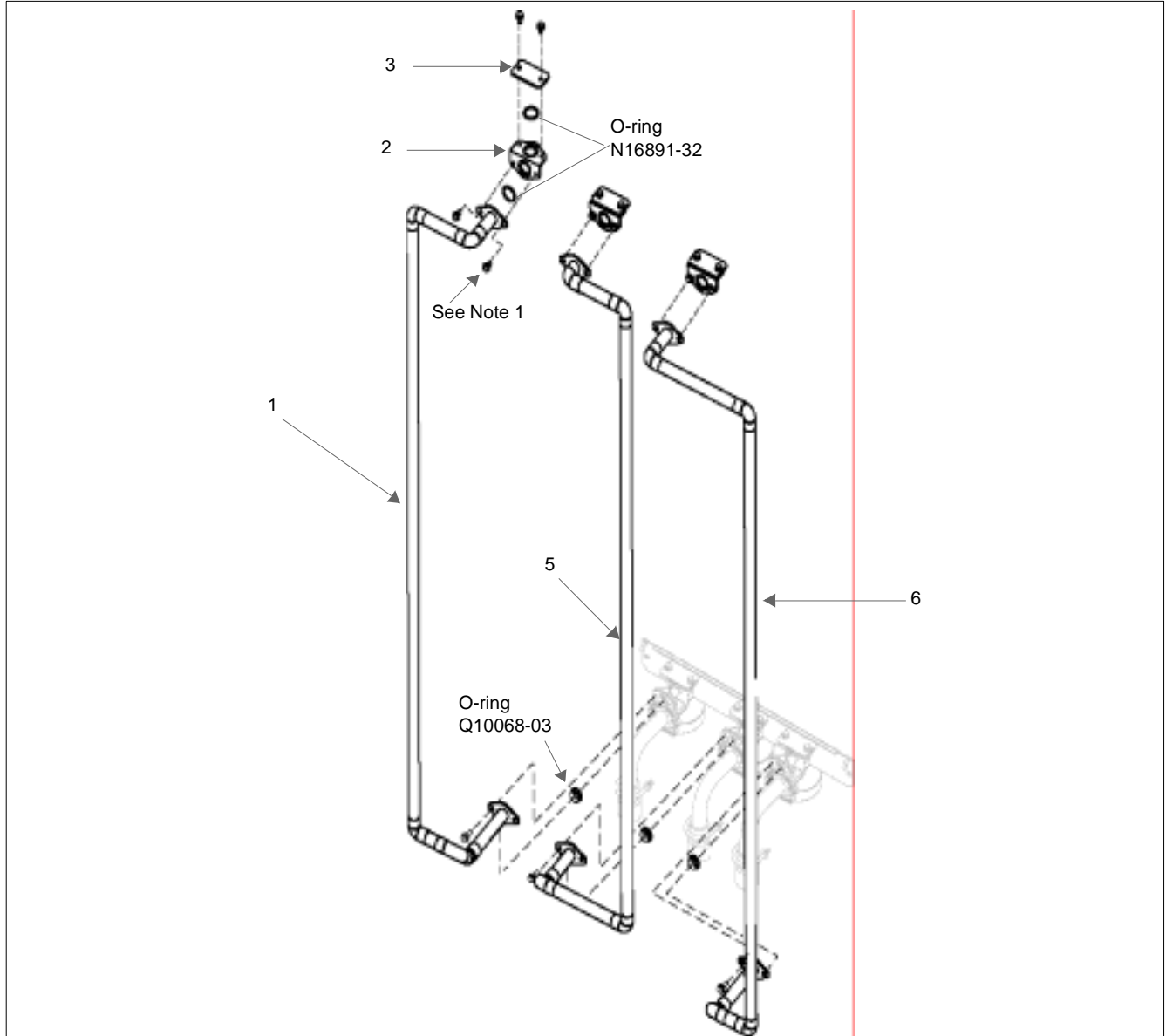
Item #	Description	Current Part	Previous Part	Quantity
1	Front bracket filter	M00171B001	-	1
	• Screw (See Note 2)	-	-	2
2	Pipe Plug	K60756	-	1
3	Filter Manifold Hydraulic plate	M00244B001	-	1
	• O-ring (See Note 3)	-	-	(See Note 1)
4	Filter pipe inlet	M00233B001	-	1
5	Parflange	N23908-01	-	1
6	U-bolt, metric	M00703B002	-	1
	• Nut, m8 (See Note 2)	-	-	2
7	Fuel Filter base	M02546B011	M00197B010	1
8	Strainer, filter (See Note 1)	R19457	-	-

Item #	Description	Current Part	Previous Part	Quantity
9	Gasket	K93485	-	1
10	Filter (See Note 1)	R20039	-	1 per manifold
11	Filter cap (<i>optional</i>) (See Note 1)	R18896-01	-	1 per manifold
12	Fuel collector	K34593	-	1 per manifold

Notes:

1. Quantity varies per assembly.
2. Use kit K96620-01 (includes screws, nuts, bolts) to replace nuts and screws.
3. Use seals and gasket kit K96621-01 (includes seal, gasket, O-rings) to replace seals.

Discharge Tubing



Item #	Description	Current Part	Previous Part	Quantity
1	Discharge tubing	M02467A001	-	1
2	Coupling tube connector	M02582B011	-	1 per tube
3	Hydraulic Filter Plate	M00244B001	-	1 per connector
-	• Screw M8 x 20 (See Note 1)	-	-	2 per clamp
4	O-ring (See Note 2)	-	-	1 per tube
5	Discharge tubing	M02469A001	-	1
6	Discharge tubing	M02468A001	-	1

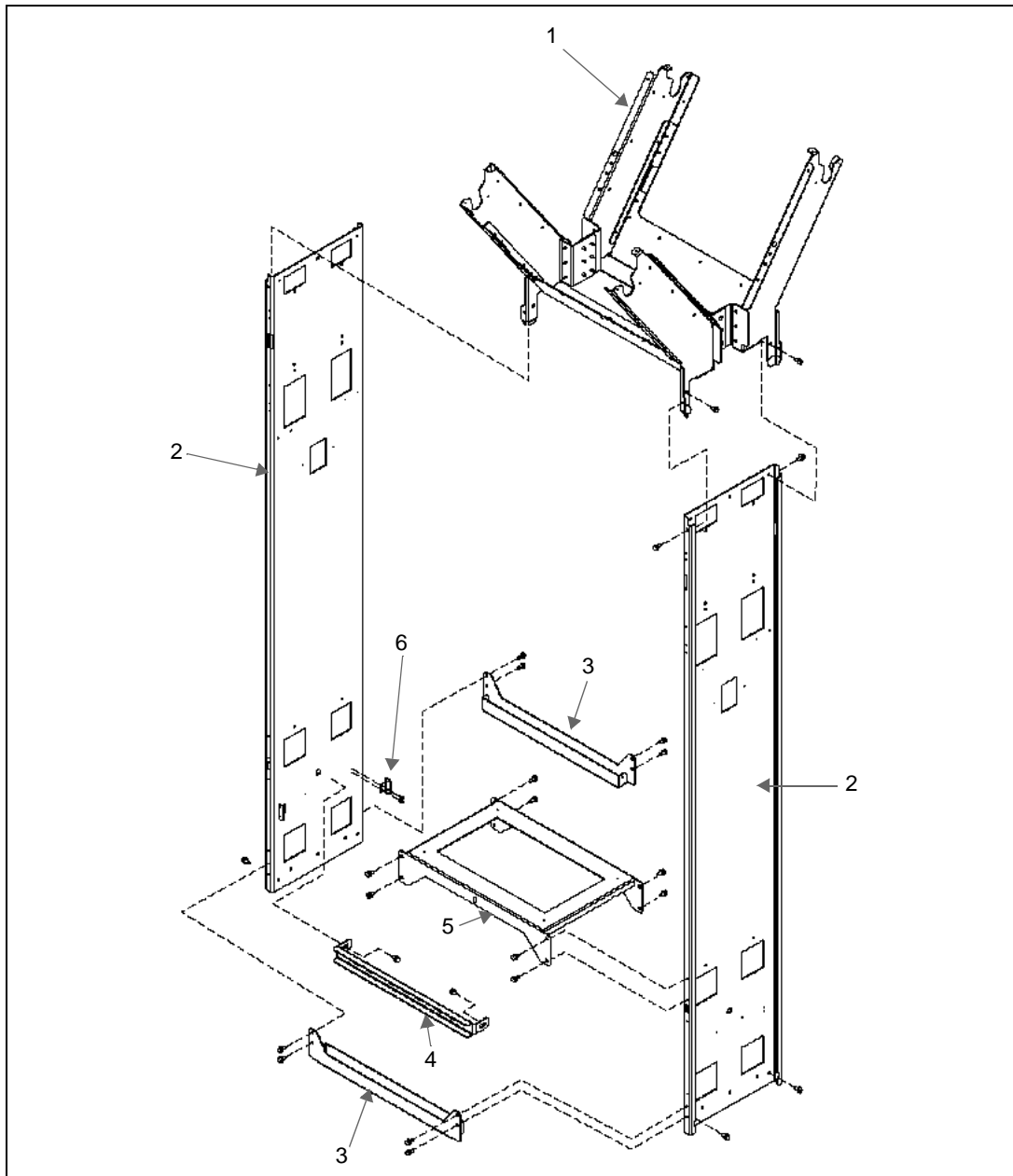
Notes:

1. Use kit K96620-01 (includes screws, nuts, bolts) to replace nuts and screws.
2. Use seals and gasket kit K96621-01 (includes seal, gasket, O-rings) to replace seals.

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9 – Frame and Skin Section

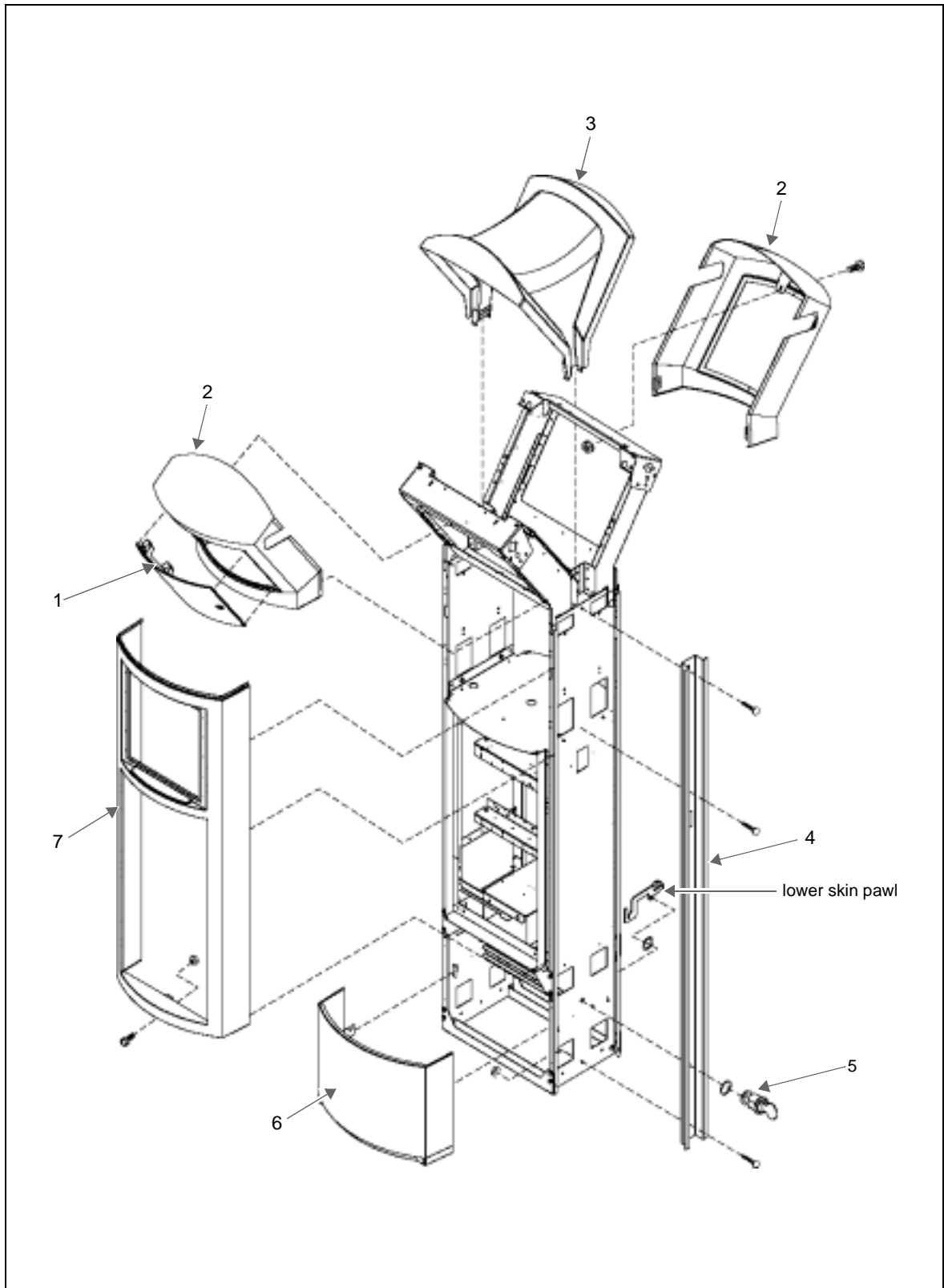
Frame Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Upper Y Frame Assembly	M00190A001	-	1
	• Screw Metric M8X18	-	-	8

Item #	Description	Current Part	Previous Part	Quantity
2	Column	M00166B001	-	2
3	Strut-Base Rail	M00169B001	-	2
	• Screw Metric M8X18	-	-	12
4	Strut Inlet Pipe Support	M00170B001	-	1
	• Screw Metric M8X18	-	-	2
5	Strut-Pan	M00168B001	-	1
	• Screw Metric M8X18	-	-	8
6	Bracket Skin Column Mount	M00618B001	-	4
	• Screw Metric M4X12	-	-	8

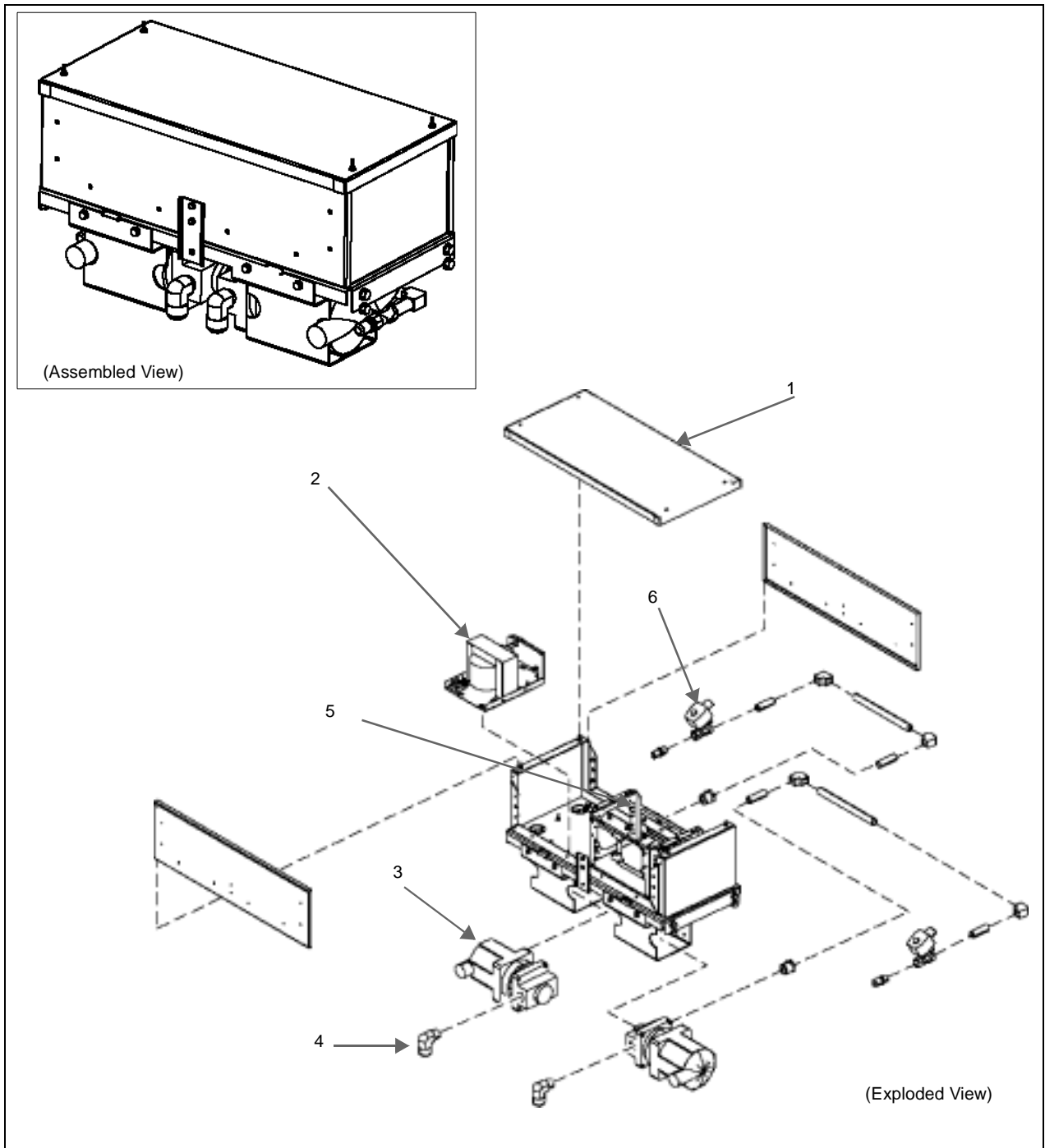
Skins



Item #	Description	Current Part	Previous Part	Quantity
1	Skin door under	M00278A001	-	2
2	Skin under	M00277A001	-	2
	• Screw, metric serrated flange hex head		-	2
	• Nut, metric serrated flange hex head		-	2
3	Skin saddle	M00899A001	-	1
4	Tuxedo stripe	M00167B003	M00167B002	2
	• Bolts, round head square neck (with hex nut)		-	4
5	Panel lock (Key type)	K83512-30	-	2
	Lock spring	K83382	-	2
	• Washers		-	2
	Pawl skin lower	M00254B002	M00254B001	2
6	Skin lower door	M00276A001	-	2
7	Skin front	M00275A001	-	2
	• Screw, metric serrated flange hex head		-	2
	• Nut, metric serrated flange hex head		-	2
Not shown				
-	Sheathing, Blanking	M00237B001	-	2
-	Sheathing, Blanking	M00238B001	-	2
-	Sheathing, Blanking	M00264B001	-	2
-	Sheathing, Blanking	M00264B002	-	2
-	Skin lower door assembly with lens	M00275A002	-	2

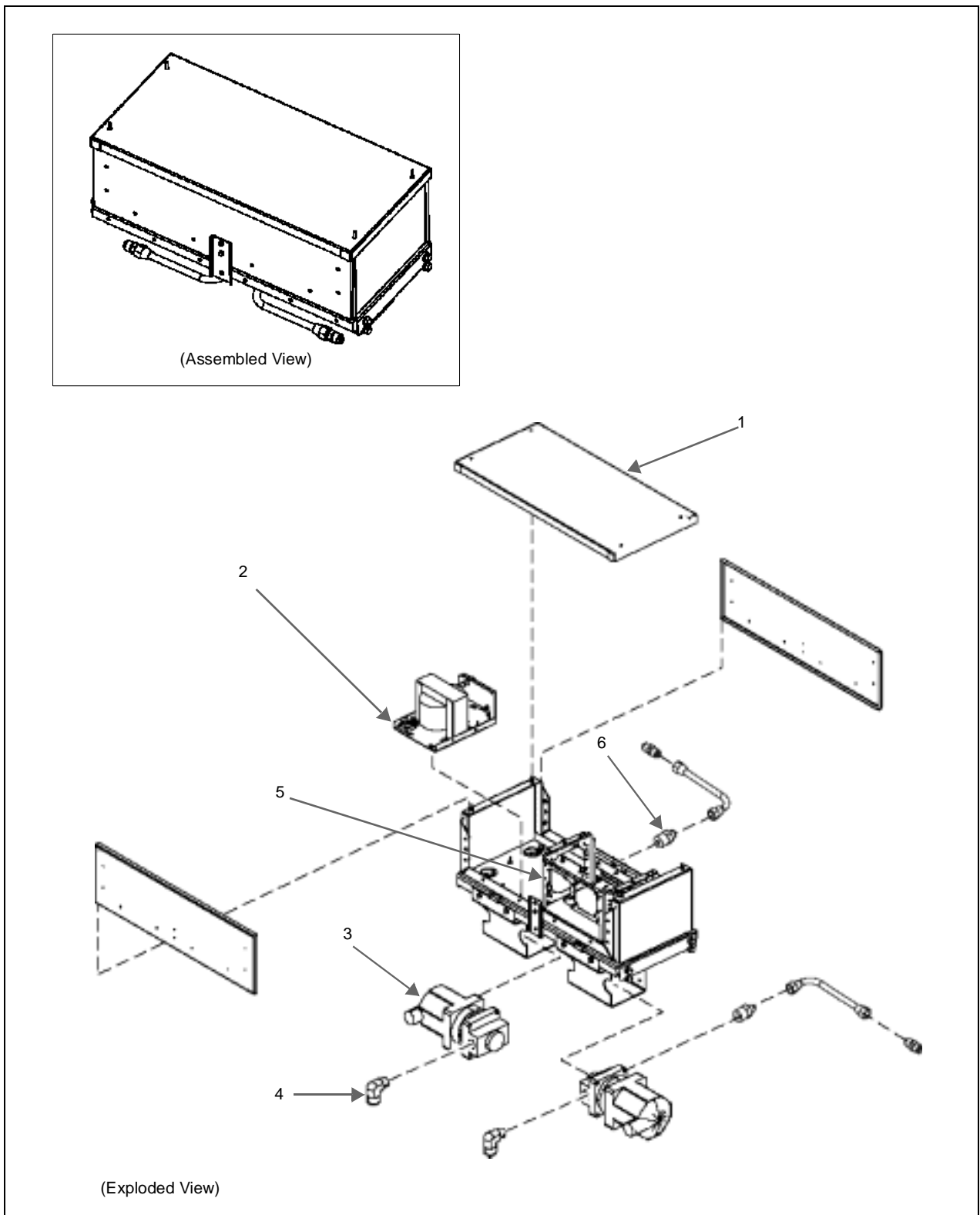
10 – VaporVac Section

VaporVac Module Assembly with Vapor Valves



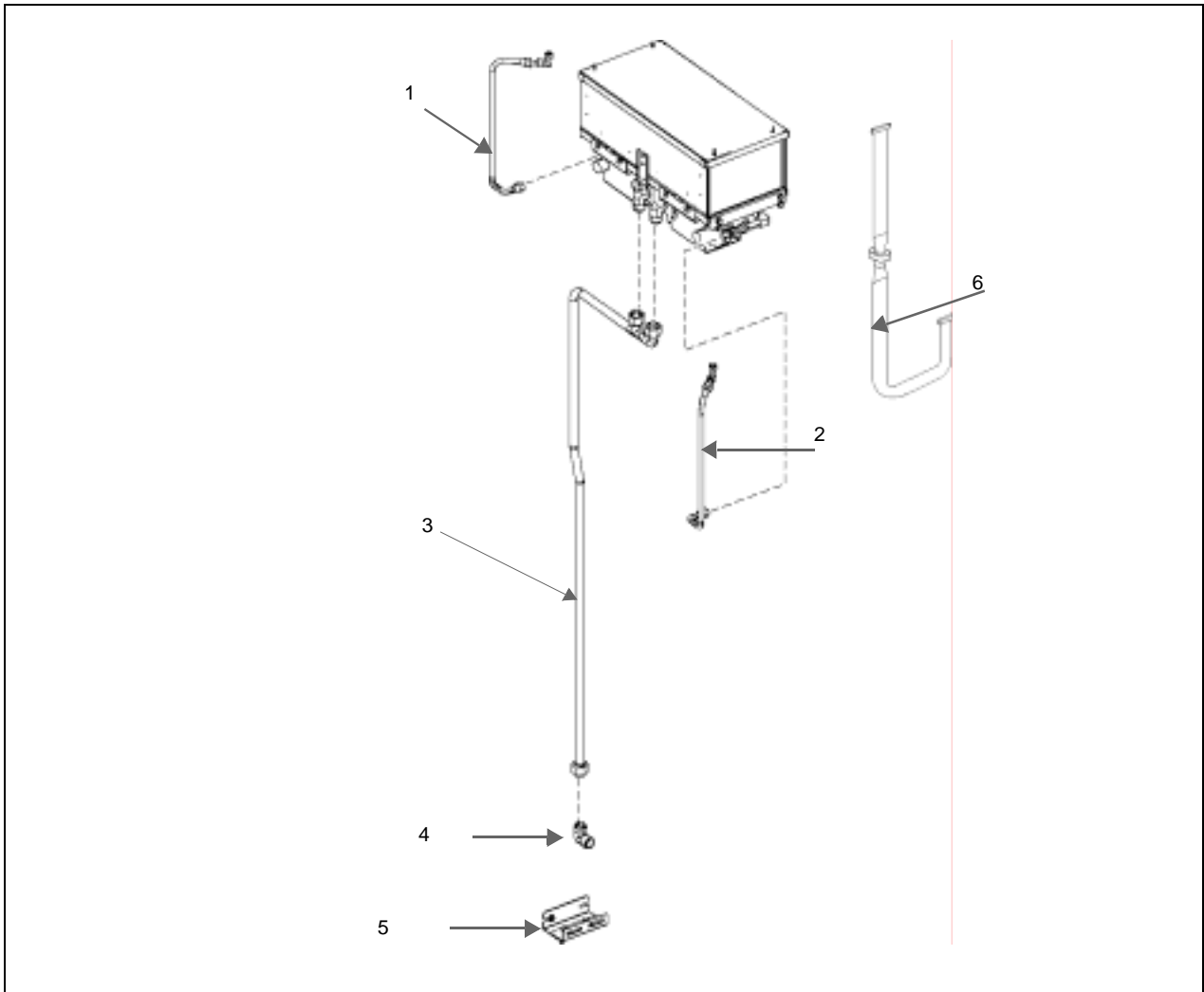
Item #	Description	Current Part	Previous Part	Quantity
VaporVac Module Assembly with Vapor Valves (includes items 1 thru 6)		M01062A001	-	1
1	VaporVac Box top	M00598B001	-	1
2	Power Supply Assembly	T18162-G3	-	1
3	VaporVac Pump Assembly	R19663-G1	-	1
4	Elbow 90 Flare male pipe 3/4"	K76203	-	2
5	VaporVac Card Cage Assembly	M01061A001	-	1
6	Valve solenoid - 3/8" npt	T17909	-	2
Notes:				
1. Refer to Cable section for list of all VaporVac cables and CD Module section for card cage and all boards.				

VaporVac Module Assembly less Vapor Valves



Item #	Description	Current Part	Previous Part	Quantity
VaporVac Module Assembly less Vapor Valves (includes items 1 thru 6)		M01062A002	-	1
1	VaporVac Box top	M00598B001	-	1
2	Power Supply Assembly	T18162-G3	-	1
3	VaporVac Pump Assembly	R19663-G1	-	1
4	Elbow 90 Flare male pipe 3/4"	K76203	-	2
5	VaporVac Card Cage Assembly	M01061A002	-	1
6	Valve solenoid - 3/8" npt	T17909	-	2
Notes:				
1. Refer to Cable section for list of all VaporVac cables and CD Module section for Card Cage and all boards.				

VaporVac Assembly with Tubes

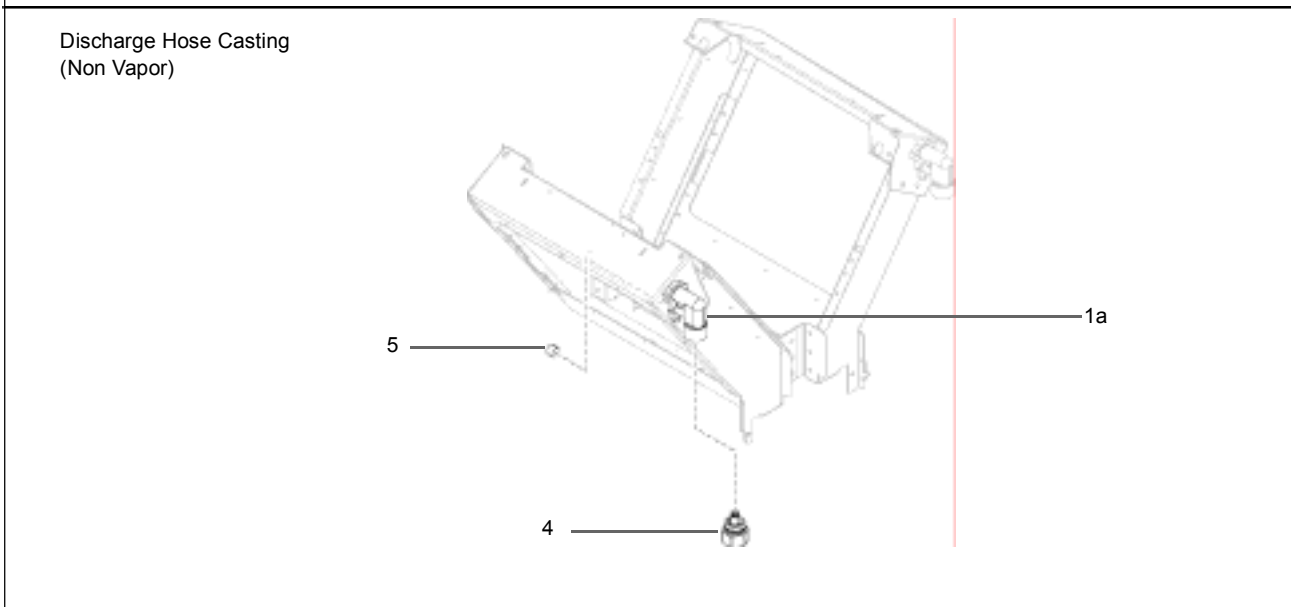
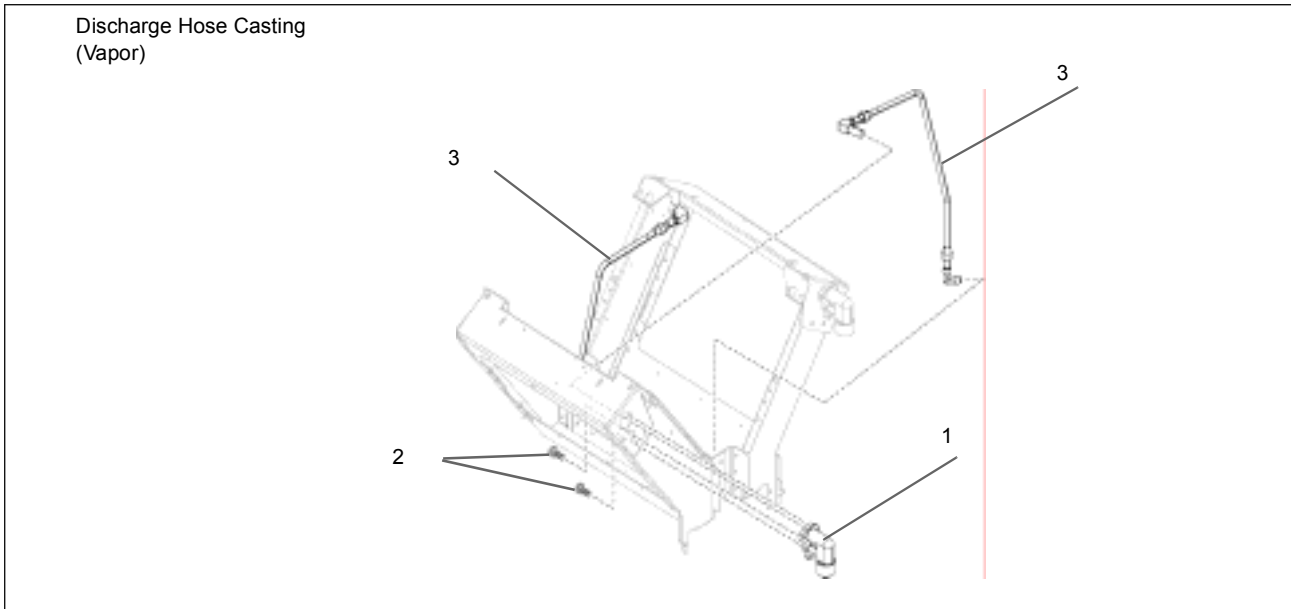


Item #	Description	Current Part	Previous Part	Quantity
1	Tube Assembly (right)	M01038B003	-	1
2	Tube Assembly (left)	M01039A002	-	1
3	VaporVac Discharge Tube Assembly	M01045B001	-	1
4	Elbow	Q10987-01	-	1
5	Bracket Assembly, Vapor	M00657A001	-	1
6	Conduit and Cable Assembly (See Note 1)	-	-	1
	• Conduit Vapor Barrier Adapter	M01053B002	-	1
	• O-ring	-	-	1
	• Washer	-	-	1
	• Nut	-	-	1

Notes:

1. See Cable Assembly section for item 6, Conduit and Cable Assembly part number.

VaporVac Casting and Piping



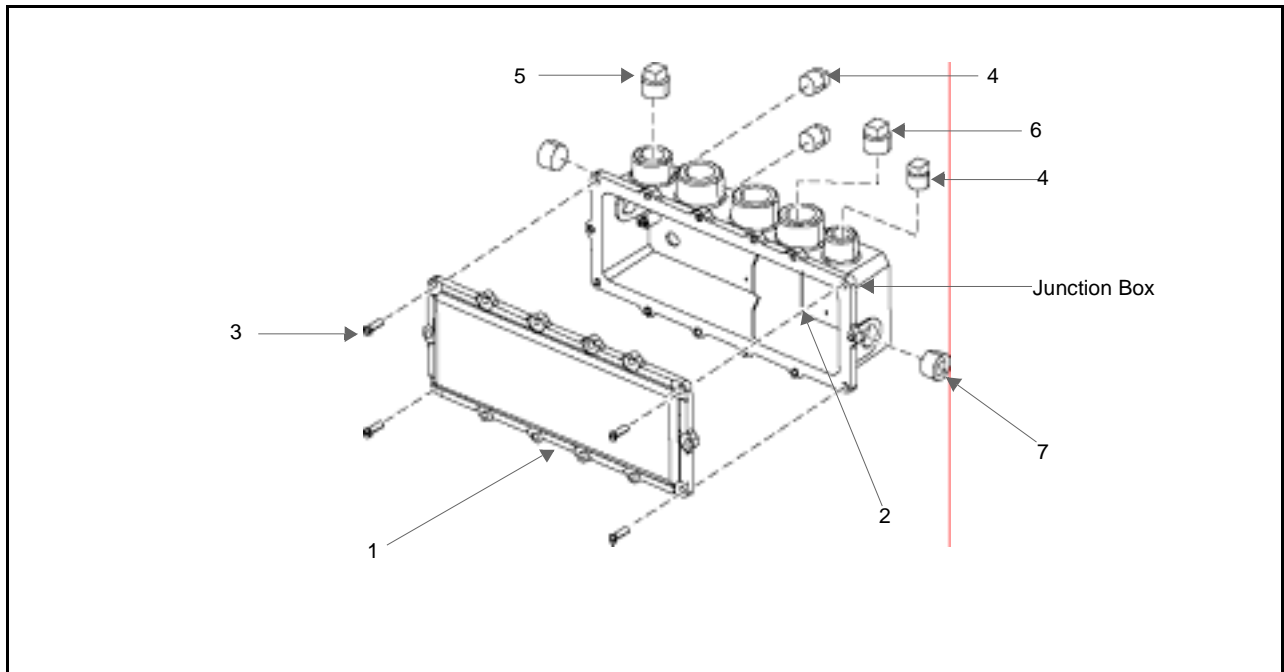
Item #	Description	Current Part	Previous Part	Quantity
1	Discharge Hose Casting (Vapor Vac)	M00198B010	-	1
1a	Discharge Hose Casting, (Non Vapor Vac)	M00198B020	-	1
2	• Screw, m8 x 18 (See Note 1)	-	-	3 per casting
3	Piping	M01038A002	-	2

Notes:

1. Use metric hardware kit K96620 01 (includes screws, nuts, bolts) to replace fasteners.
2. All Eclipse units are shipped with VaporVac Ready outlet castings. If an outlet casting needs to be made into a non-vapor outlet casting, use item 4, M00896A001 Adapter to convert it.

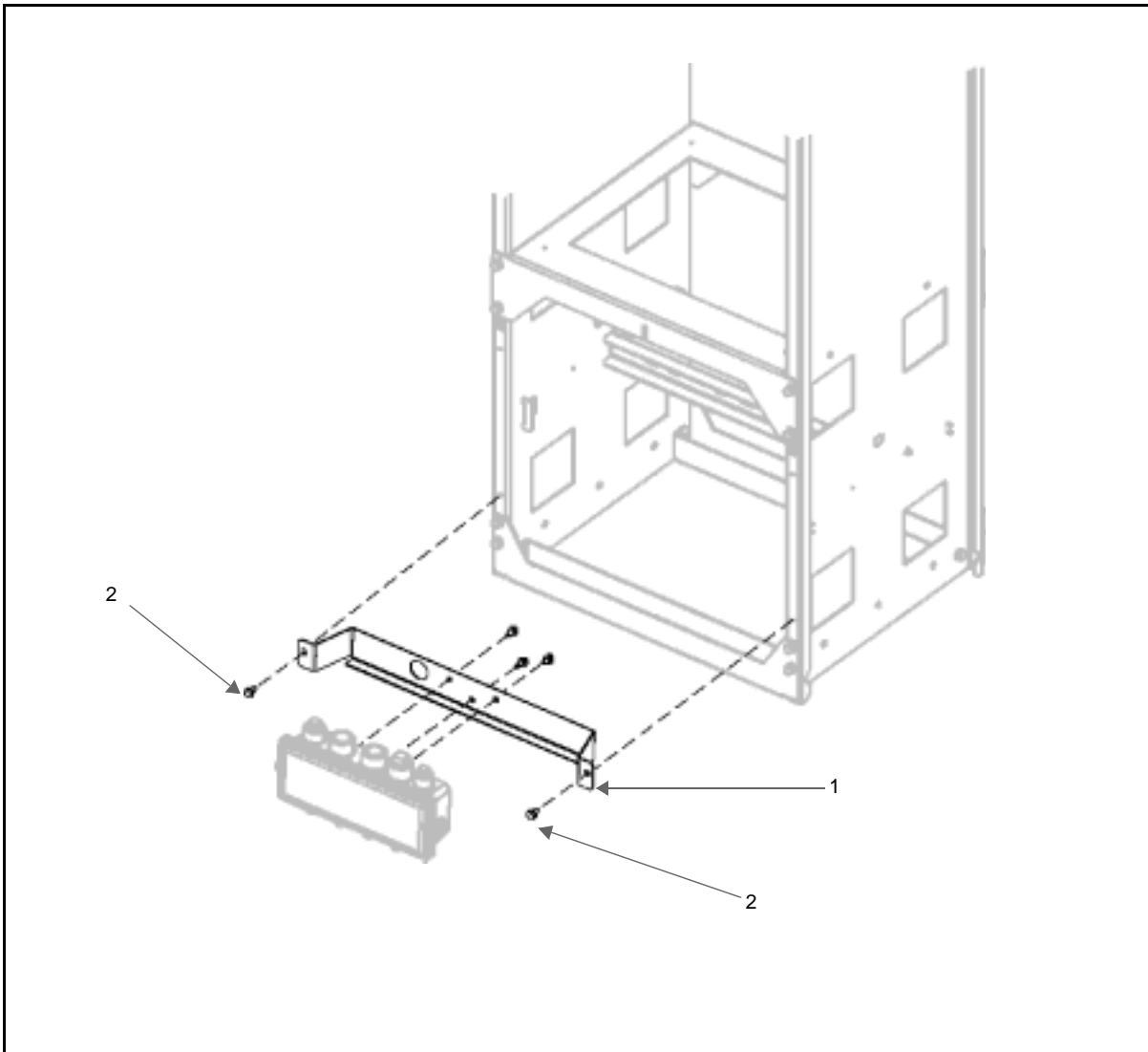
11 – Junction Box and Conduit Section

Junction Box (M00612A001)



Item #	Description	Current Part	Previous Part	Quantity
Junction Box (includes items 1 thru 7)		M00612A001	-	1
Junction Box (with speaker conduit) (includes items 1 thru 5)		M00612A002	-	1
1	Junction Box Cover	W02814-10	-	1
2	Junction Box Bracket (See Note 1)	M00607B001	-	1
3	Bolt, hex hd 1/4 - 20 x 3/4"	-	-	20
4	Plug pipe square hd 1/2"	K02281	-	3
5	Plug pipe square hd 3/4"	K02282	-	18
6	Plug pipe square hd 1"	K02283	-	1
7	Plug pipe 3/4"	K57624	-	2
Notes: 1. Item 2, Junction Box Bracket M00607B001 is used ONLY on Junction Box Assembly M00612A002.				

Junction Box Bracket

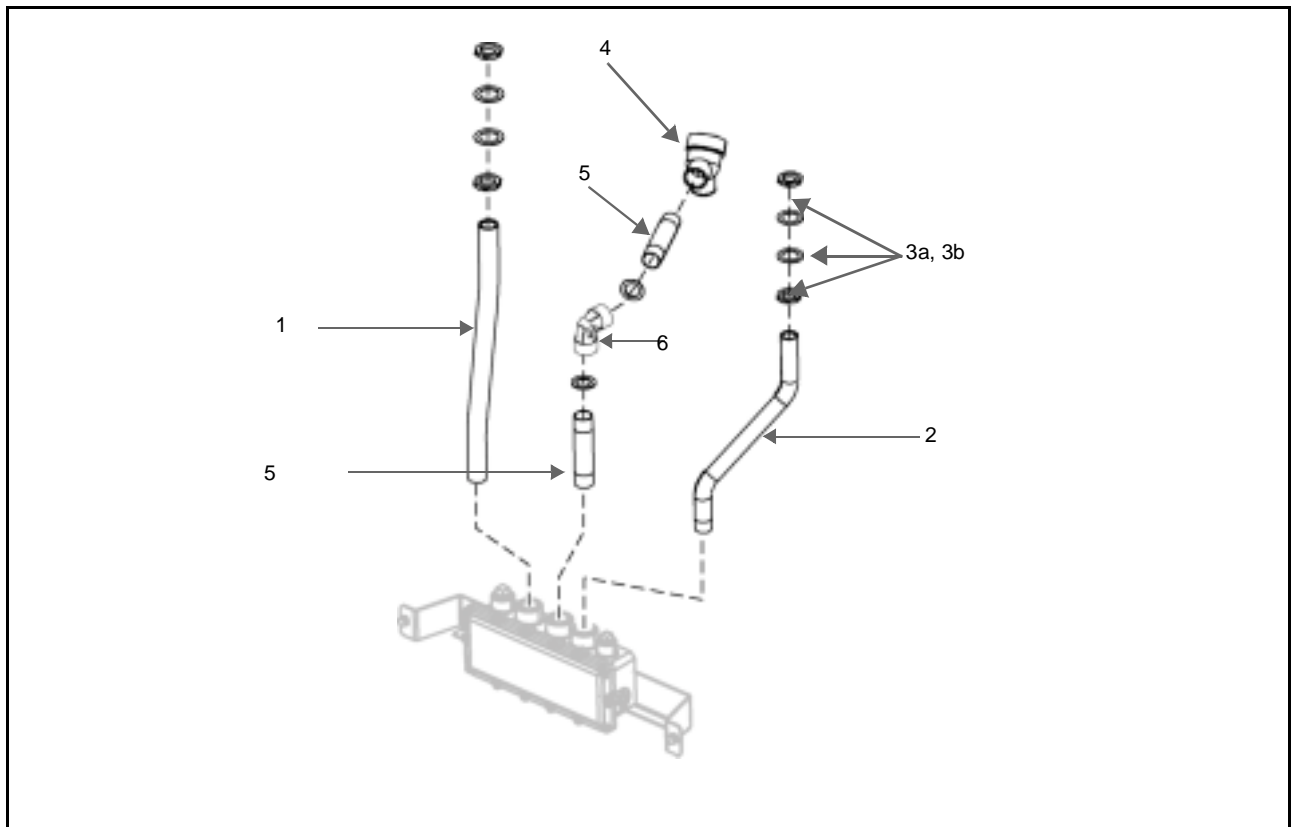


Item #	Description	Current Part	Previous Part	Quantity
1	Junction box mounting bracket	M00607B001	-	1
2	• Screw, metric M8 x 18 (See Note 1)	-	-	5

Notes:

1. Refer to kit K96620 01 to replace screws.

Conduit Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Conduit & cable assembly (See Note 1)	M01003A002	-	1
2	Conduit & cable assembly (See Note 2)	M01003A004	-	1
3a	• Washer	-	-	4
3b	• Nut	-	-	4
4	Elbow Capped Y	Q12730-01	-	1
5	Conduit Nipple 5-1/2"	R11978-04	-	2
6	Elbow conduit	K87869	-	1

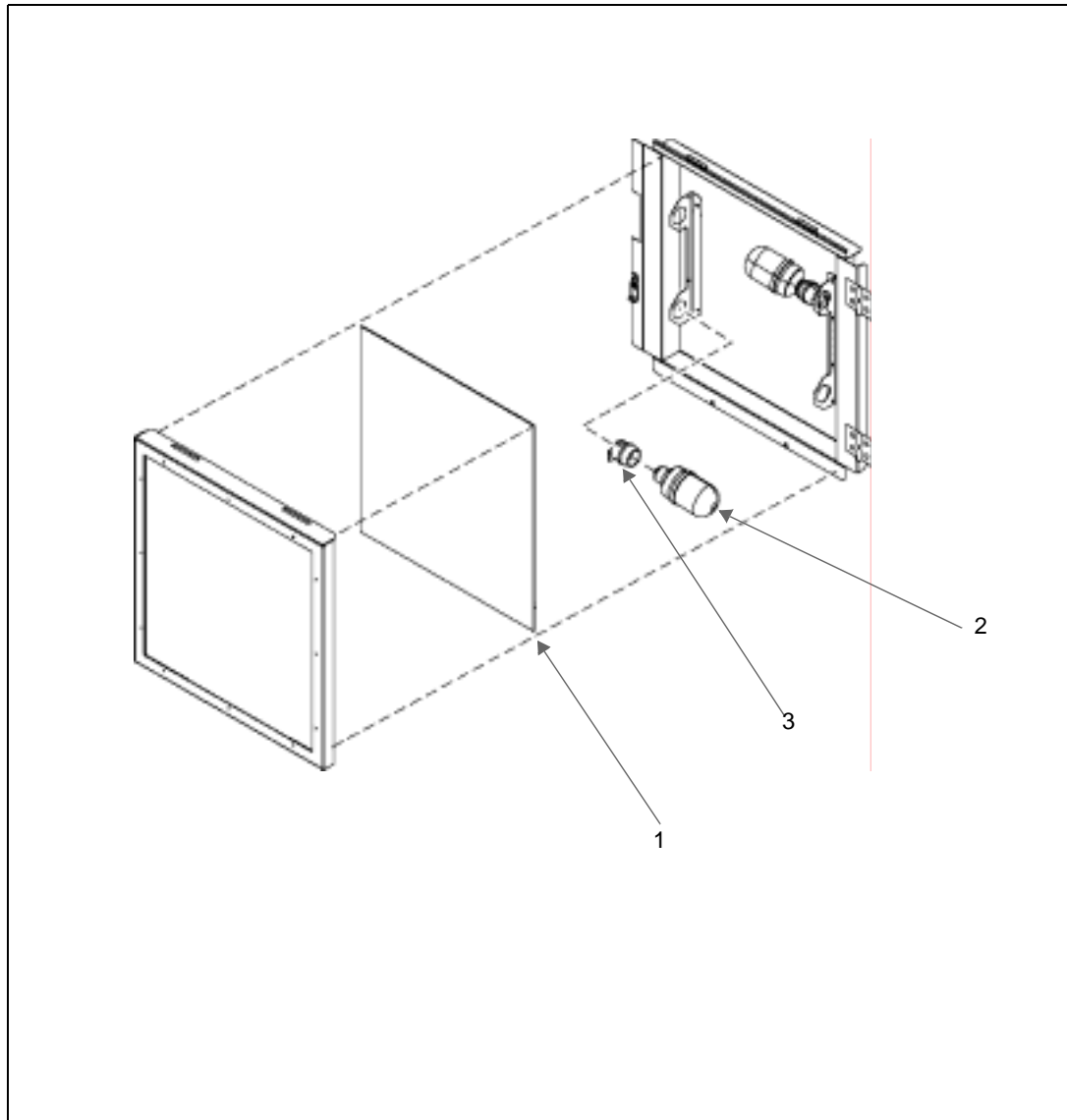
Notes:

- Item 1 Conduit assembly M01003A002 is used on both Junction Box Assemblies M00612A001 and M00612A002.
- Item 2 Conduit assembly M01003A004 is used ONLY on Junction Box Assembly M00612A002.

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12 – AD Light Box Assembly

Light Box

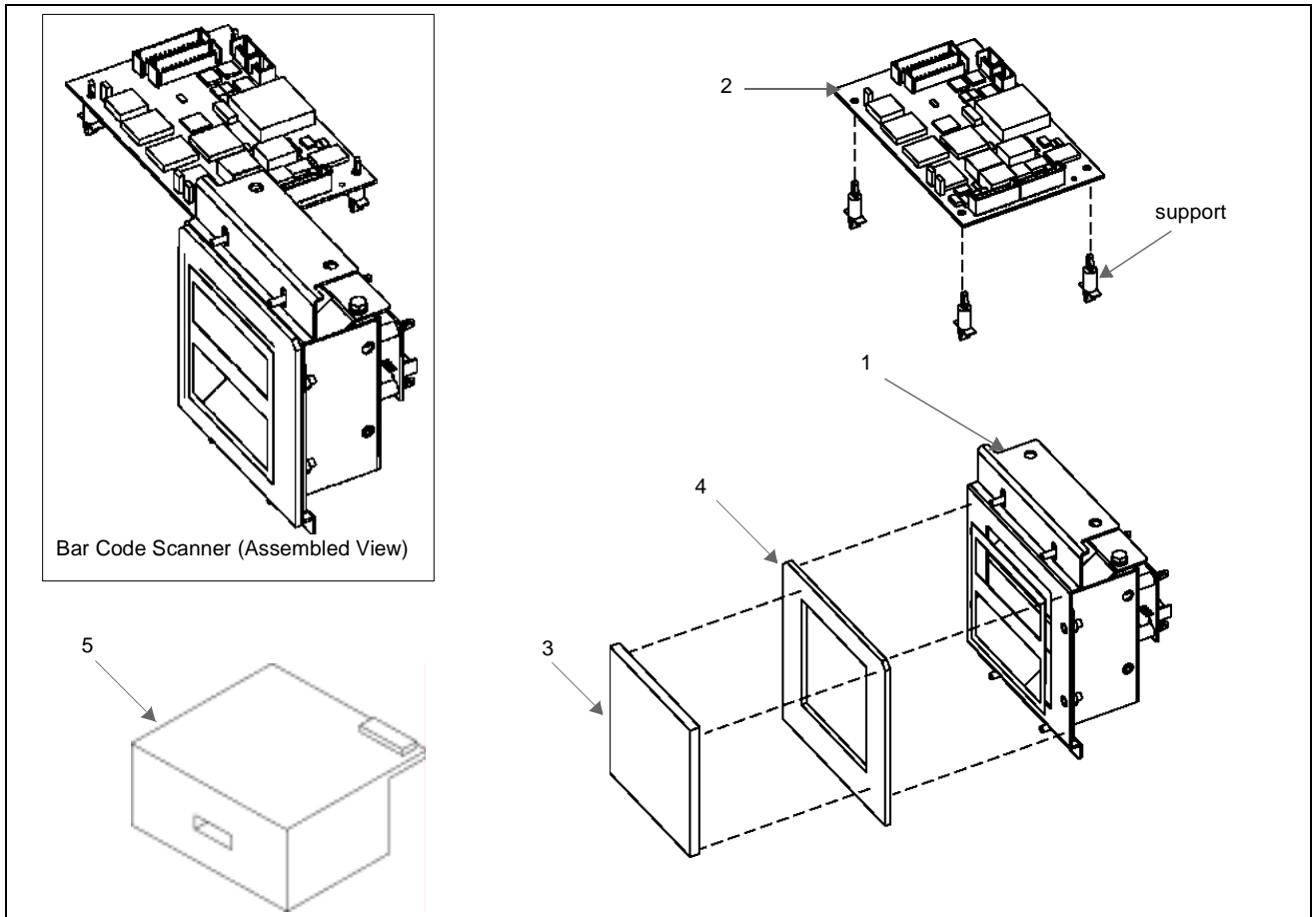


Item #	Description	Current Part	Previous Part	Quantity
1	Window Lens PPU Display	M00463B001	-	1
2	Fluorescent Bulb, 15 watt	M02107B001	-	2
3	Lampholder Ad Display	M00456B001	-	2

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13 – Options Section

Barcode Scanner Assembly



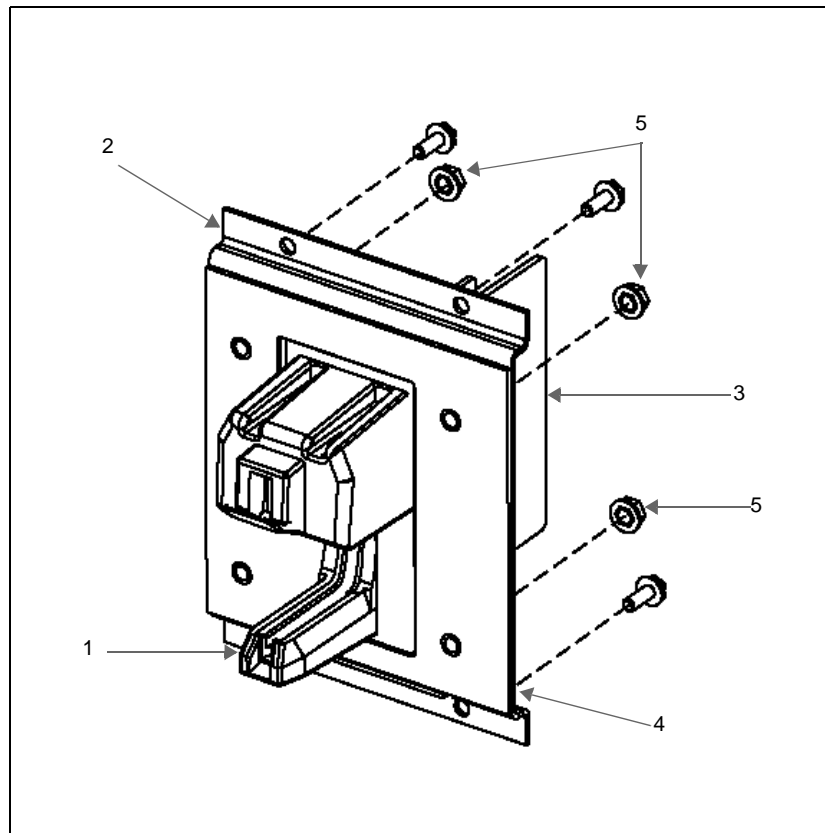
Item #	Description	Current Part	Previous Part	Quantity
Barcode Scanner Assembly (See Note 1)		M00969A001	-	1
1	Scanner Mounting Bracket	M0093B001	-	1
-	• Screw, metric sems m2 x 6	Q12845-05	-	2
2	PCA Barcode Scanner interface	M01323A001	-	1
-	• Support	Q10651-04	-	4
3	Retainer Scanner lens	M00982B002	-	1
4	Gasket	M00988B002	-	3
5	Barcode Scanner engine	M01304A001	-	1
<i>Not Shown:</i>				
6	Barcode Scanner cable	(See Note 2)	-	1

Item #	Description	Current Part	Previous Part	Quantity
7	Label, Danger (See Note 3)	M02994BXXX	N23954-01	1
8	Label, Warning (See Note 3)	M02994BXXX	N23953-01	1
9	Label, Certification FDA standard (See Note 3)	M02994BXXX	N23952-01	1

Notes:

1. Barcode Scanner assembly M00969A001 include Items 1 thru 10.
2. See Cable Assemblies section for additional information.
3. Attach Label(s) after assembly is complete. For help with ordering part(s), contact Gilbarco's Customer Service Department.

Card Reader Option

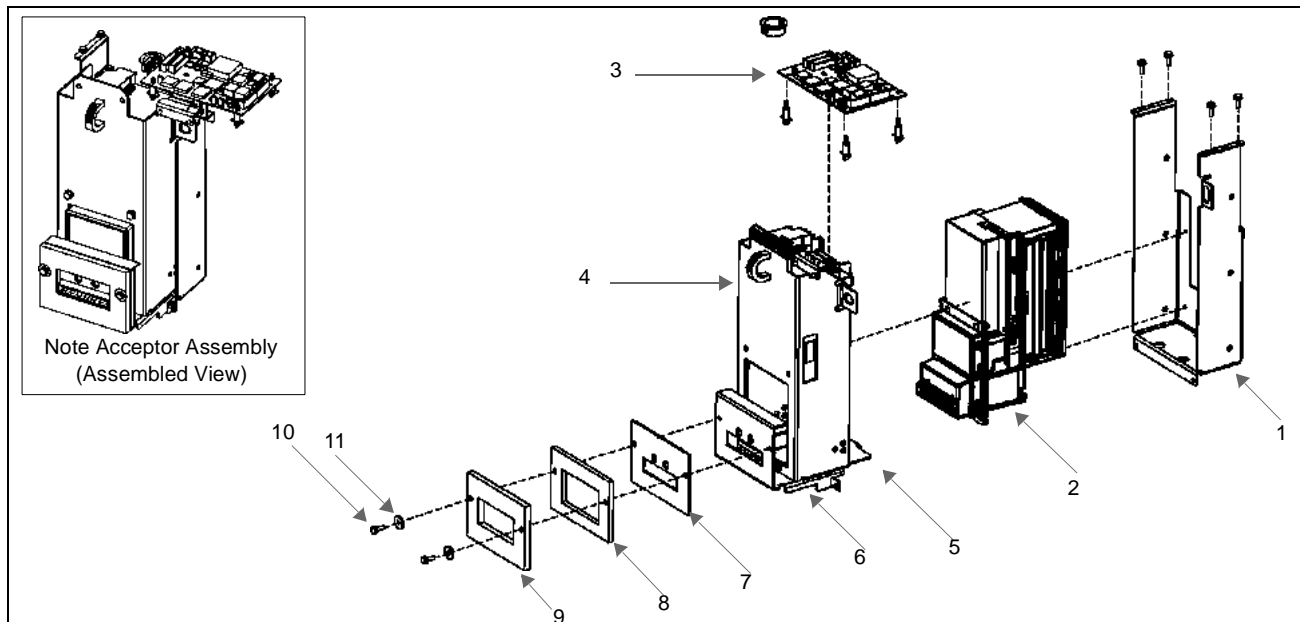


Item #	Description	Current Part	Previous Part	Quantity
Card Reader Assembly (See Note 1)		M00839A001	-	1
1	Bezel, Card Reader	M00232A001	-	1
2	Vertical Bracket, Card Reader	M00231B001	-	1
3	Dual Head Card Reader	M02136B001	-	1
4	Gasket, Card Reader	M00282B001	-	1
5	• Nut, metric hex lock flange m4	-	-	1

Notes:

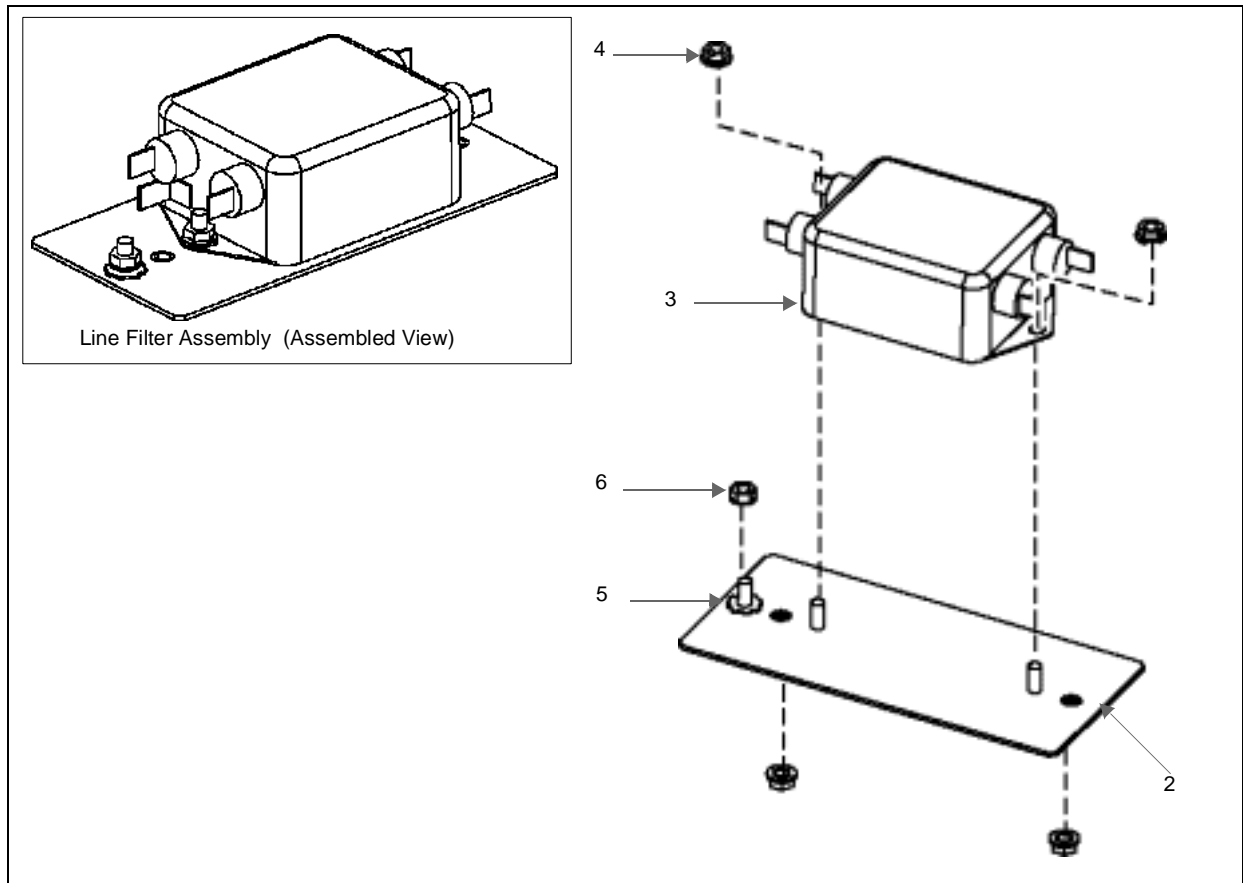
1. Card Reader Assembly include items 1 thru 5.

Note Acceptor Assembly



Item #	Description	Current Part	Previous Part	Quantity
Note Acceptor Assembly (See Note 1)		M01403A001	-	1
1	Cash Acceptor Mounting Bracket	M01392A001	-	1
2	Note Acceptor Face Plate Bracket	M02057A001	-	1
3	PCA, Serial - Lon Gateway	M00122A001	-	1
4	Door Handle Pull	M01398B001	-	1
5	Note Acceptor Hinge and Gasket Bracket	M02072B001	-	1
6	Cash Acceptor Guide Gasket	M02223B001	-	1
7	Note Acceptor Bezel Face	M02076B001	-	1
8	Note Acceptor Inner Bezel	M02077B001	-	1
9	Note Acceptor Bezel Face	M02078B001	-	1
10	• Screw, hex hd m4 x 12	-	-	6
11	• Washer	-	-	
<i>Not Shown</i>				
12	Hinge Door Leaf	M01396B001	-	1
13	• Screw, hex hd m5 x 10	-	-	6
14	Note Acceptor with 300 Bill Acceptor	M01251A002	-	1
	• Note Acceptor MARS	M01251B001	-	1
	• Cassette, 500 Bill, LRU	M01251B003	-	1
Notes:				
1. Note Acceptor assembly M01403A001 include items 1 thru 14.				

Note Acceptor Electronics (Line Filter Assembly)



Item #	Description	Current Part	Previous Part	Quantity
Note Acceptor Electronics (See Note 1)		-	-	1
1	Line Filter Assembly	M02408A001	-	1
2	Bracket, Line Filter Mounting	M02407A001	-	1
3	Filter, EMI 6 AMP	Q10895-07	-	2
4	• Nut, metric hex lock m4	-	-	2
5	• Washer, Lk Ext Th #08 x .020	-	-	1
6	• Nut, metric hex w/ext m4	-	-	1
<i>Not shown</i>				
7	Cable, Cash Acceptor Lining	(See Note 2)	-	1
8	Cable, Cash Acceptor	(See Note 2)	-	1
Notes: 1. Note Acceptor Electronics include items 1 thru 8. 2. Refer to Cable Assemblies section for additional information.				

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