



The Advantage® Series

Pumps and Dispensers Illustrated Parts Manual

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Approvals

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Underwriters Laboratories (UL):

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

California Air Resources Board (CARB):

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

National Conference of Weights and Measures (NCWM) - Certificate of Conformance (CoC):

Gilbarco pumps and dispensers are evaluated by NCWM under the National Type Evaluation Program (NTEP). NCWM has issued the following CoC:

CoC#	Product	Model #	CoC#	Product	Model #
02-019	Encore	Nxx	02-036	Legacy	Jxxx
02-020	Eclipse	Exx	02-037	G-SITE Printer (Epson)	PA0307
02-025	Meter - C Series	PA024NC10		G-SITE Distribution Box	PA0306
	Meter - C Series	PA024TC10		G-SITE Keyboard	PA0304
02-029	CRIND	—		G-SITE Mini Tower	PA0301
	TS-1000 Console	—		G-SITE Monitor	PA0303
	TS-1000 Controller	PA0241		G-SITE Printer (Citizen)	PA0308
02-030	Distribution Box	PA0242	02-038	C+ Meter	T19976
	Meter - EC Series	PA024EC10	02-039	Passport	PA0324
	VaporVac Kits	CV	02-040	Ecometer	T20453
			05-001	Titan	KXXY Series

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Non-registered trademarks

Applause™ Media System	G-SITE® Lite™	SMART Meter™
CIM™	Highline™	SmartPad™
C-PAM™	Horizon™	Super-Hi™
Ecometer™	MultiLine™	Surge Management System™
ECR™	Optimum™ Series	Tank Monitor™
EMC™	PAM™	TCR™
FlexPay™	PAM™ 1000	Titan™
G-CAT™	PAM™ 5000	Ultra-Hi™
Gilbert™	SMART Connect™	ValueLine™
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Dimension® Series	MPD®	
e-CRIND®	Passport®	
Eclipse®	Performer®	
Encore®	The Advantage® Series	
G-SITE®	Transac®	
Gilbarco®	Transac® System 1000	
InfoScreen®	Trimline®	
Legacy®	TRIND®	

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1 – Introduction

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

How to Use This Manual

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

Parts Tables

The tables in this manual are set up as follows.

Item #	Part Description	Current Part	Previous Part	Quantity
1	Lifting Bracket	N23295	-	4

Definitions for each column are provided below:

Item

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

Part Description

The Part Description column provides a detailed name for each part from the illustration. information such as colors, dimensions, or other details are provided, wherever applicable.

Current Part

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

Previous Part

The Previous Part column provides the old Gilbarco 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.

Note: When substituting an old part for new part.

Quantity

The Quantity column shows how many number of a particular part are used in that assembly.

Bulleted Items (Located Under Part 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 Furnish the required model number, date code, and original options. This information is stamped on a serial plate riveted to the center of the main frame base.
- 2 Provide the following information:
 - Part number
 - Quantity of the part required
 - Description of the part
 - Color, graphics, and other details required for order-entry items.

Note: An order-entry item is an item that can be ordered individually using its individual part number (not a part that comes only in a kit).

Related Documents

Document Number	Description	GOLD SM Library
MDE-2633	Speaker Kits K35492 and K93846 For The Advantage Series	Advantage and Legacy [®] Models
MDE-2677	Kits K35497 and K93757 Lighted Canopy Conduit For The Advantage Series	Advantage and Legacy Models
MDE-2742	The Advantage Series Kit and Options Guide	Advantage and Legacy Models
PT-1736	The Advantage/MPD [®] /CRIND [®] Card Reader Illustrated Parts Manual	Parts Manual
PT-1831	VaporVac [®] Vacuum Assist Vapor Recovery Illustrated Parts Manual	Parts Manual
PT-1874	CRIND Card Reader Illustrated Parts Manual Keypad Overlay Retrofit Configurations	Parts Manual
PT-1925	The Advantage Series 4 X 4 Illustrated Parts Manual	Parts Manual

Abbreviations and Acronyms

Term	Description
ADA	Americans with Disabilities Act
ATC	Automatic Temperature Compensation
CRIND	Card Reader in Dispenser
E-CIM [™]	Enhanced Customer Interface Module
EPP	Encrypting PIN Pad
GOLD	Gilbarco Online Documentation
J-box	Junction Box
LCD	Liquid Crystal Display
LED	Light Emitting Diode
MPD	Multi Product Dispenser
PCA	Printed Circuit Assembly
PCB	Printed Circuit Board
PIN	Personal Identification Number
POS	Point of Sale
PPP	Programmable Pump Preset
PPU	Price per Unit
STP	Submersible Turbine Pump

Main Door Access Assembly



Item #	Part Description	Current Part	Previous Part	Quantity
1	Main Access Door Assembly	Refer to "Main Access Door Section" on page 2-1.	-	1
2	Assembly, Left Access Door, Blank (includes hardware, lock, gasket, and so on) (see note 1)	T17498-G01	-	1
	• Single Line CRIND Americans with Disabilities Act (ADA)	T19727-G01	-	1
3	Assembly, Right Access Door (includes lock and gaskets) (see note 2)			
	• Black (Spare Parts Item)	T17626-G2	-	1
	• Black, with Alarm (for use with cash acceptor units) (Spare Parts Item)	T17626-G5	-	1
	• Gray (Spare Parts Item)	T17626-G7	-	1
	• Blue (Spare Parts Item)	T17626-G9	-	1
	• Black, with Pump Stop (Spare Parts Item)	T17626-G10	-	1
	• Black, with Pump Stop (for use with cash acceptor units) (obsolete, see note 5)	-	T17626-G11	1
	• Gray, with Pump Stop (Spare Parts Item)	T17626-G12	-	1
	• Black, with Call Button (Spare Parts Item)	T17626-G13	-	1
	• Black, with Call Button (for use with cash acceptor units) (Spare Parts Item)	T17626-G14	-	1
	• Gray, with Call Button (Spare Parts Item)	T17626-G15	-	1
	• Black, with Pump Stop and Call Button (Spare Parts Item)	T17626-G16	-	1
	• Black, with Pump Stop And Call Button (for use with cash acceptor units) (Spare Parts Item)	T17626-G17	-	1
	• Gray, with Pump Stop and Call Button (Spare Parts Item)	T17626-G18	-	1
4	Main Access Door Hinge Pin (upper)	R19177-01	R19212-02	1
5	Option Door Hinge Pin	R19024-02	R19024-01	2
6	O-ring, 7/32 X 11/32 X 1/16" (see note 6)	Q10066-09	-	1
7	Hinge Pin, Lower	R19176-01	-	1
8	Retaining Screw, Door, 1/4-20 X 2" Hexagonal-head	Q13292-40	Q11098-10	1
9	Flat Washer, 1/4"	Q11439-07	-	1
10	Screw Retainer, 1/4"	Q10922-02	-	1
11	Hinge Bracket and Linkage	R20510-G1	-	1
Not Shown				
-	Upper Main Door Gasket			
	• 48" Unit (gasket is 106" long)	Q12406-01	-	1
	• 36" Unit (gasket is 94-1/10" long) (see note 7)	Q12406-01	Q12406-03	1

Item #	Part Description	Current Part	Previous Part	Quantity
-	Lower Main Door Gasket			
	• 48" Unit (gasket is 38" long)	Q12406-02	-	1
	• 36" Unit (gasket is 26-1/10" long)	Q12406-04	-	1

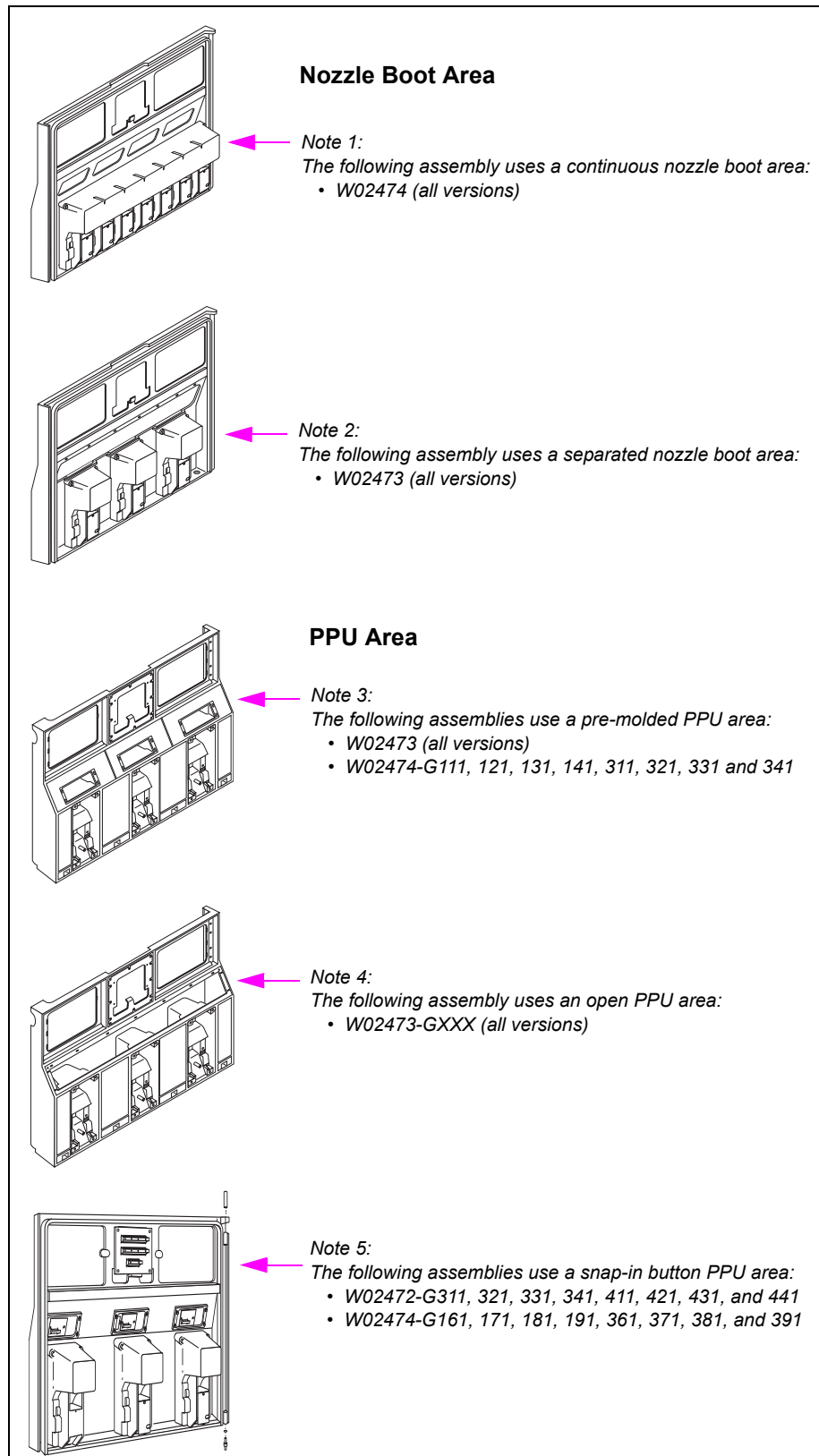
Notes:

1. Quantities per main access door.
2. For CRIND option doors, refer to PT-1736 *The Advantage/MPD/CRIND Card Reader Illustrated Parts Manual*. For additional option doors, refer to ["Pump Preset and Left Pump Stop Doors"](#) on page 2-6.
3. For pump stop and call button parts, refer to ["Right Main Display, Pump Stop, and Call Button Option Door"](#) on page 2-8.
4. All parts may not be available as spare parts.
5. No replacement.
6. O-ring (Q10066-09) was last purchased 1998. Contact a Gilbarco representative before placing order.
7. Gasket (Q12406-03) is replaced by Q12406-01.

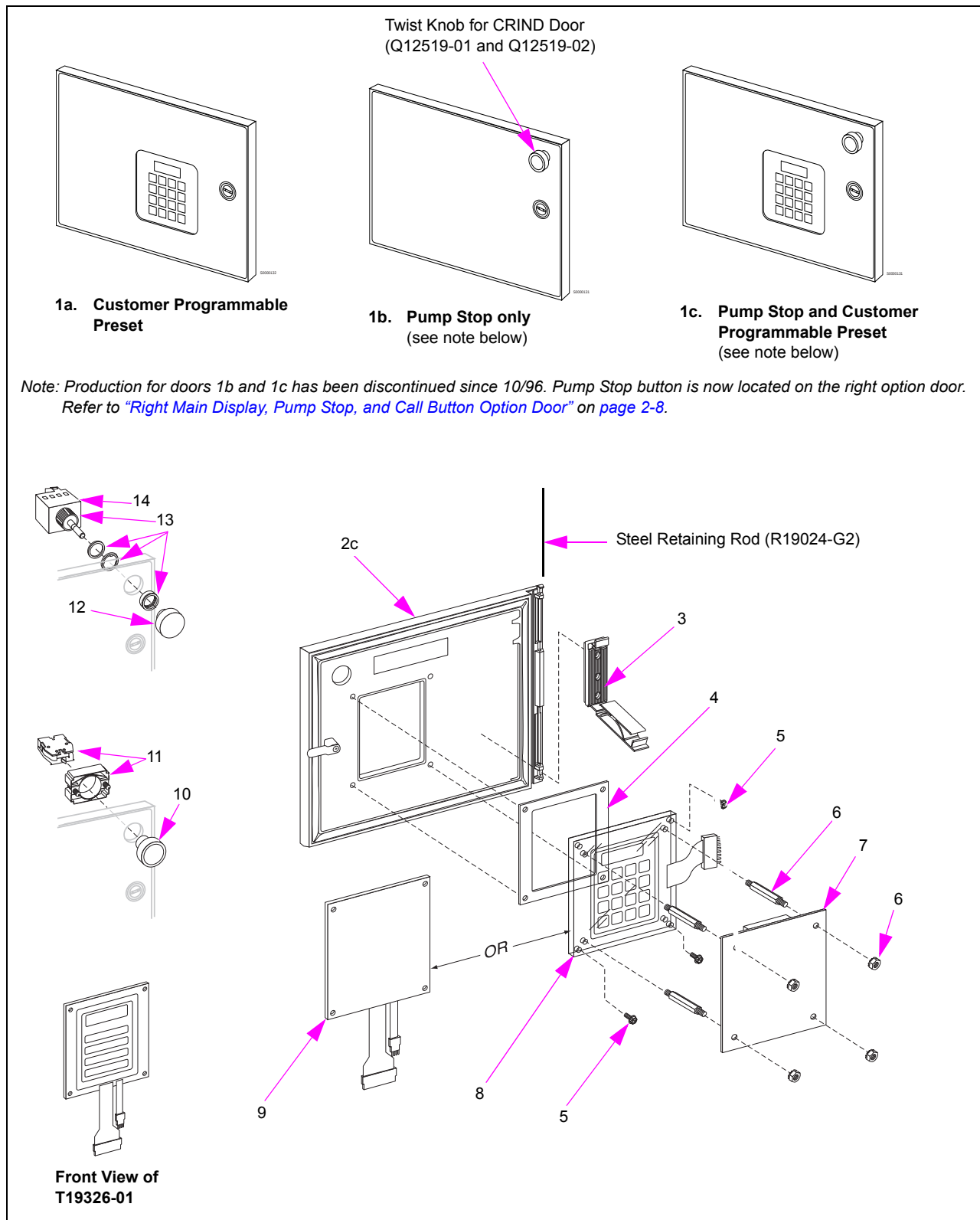
Main Access Door Assemblies

Unit Type	Color	Lighted Assembly?	Current Part	Previous Part
48" MPD 2-grade, 3-grade, and 6-hose Blender (see notes 1 and 3 on page 2-5)	Black	Yes	W02473-G11	W02473-G1
	Black	-	W02473-G211	-
	Gray (BP®)	Yes	W02473-G121	-
	Gray (BP)	-	W02473-G221	-
	Gray (Chevron®)	Yes	W02473-G131	-
	Gray (Chevron)	-	W02473-G231	-
	Blue	Yes	W02473-G141	-
	Blue	-	W02473-G241	-
48", 3-grade Price per Unit (PPU) (see notes 1 and 4 on page 2-5)	Black	Yes	W02474-G12	W02474-G2
	Black	-	W02474-G321	-
48", 4-grade PPU (see notes 1 and 4 on page 2-5)	Black	Yes	W02474-G13	W02474-G3
	Black	-	W02474-G331	-
	Gray (BP)	Yes	W02474-G14	W02474-G4
	Gray (BP)	-	W02474-G341	-
	Blue	Yes	W02474-G151	-
	Blue	-	W02474-G351	-
48" Selectable Blender (see notes 1 and 4 on page 2-5)	Black	Yes	W02474-G111 W02474-G11	W02474-G11 W02474-G1
	Black	-	W02474-G311	-
48" Blender (snap-in button design) (see notes 1 and 5 on page 2-5)	Black	Yes	W02474-G161	W02474-G16
	Black	-	W02474-G361	W02474 G36
	Gray (Chevron)	Yes	W02474-G171	W02474 G-17
	Gray (Chevron)	-	W02474-G371	-
	Gray (BP)	Yes	W02474-G181	W02474-G18
	Gray (BP)	-	W02474-G381	W02474-G38
	Blue	Yes	W02474-G191	W02474-G19
	Blue	-	W02474-G391	W02474-G39
36" Dual or Quad (see notes 2 and 3 on page 2-5)	Black	Yes	W02472-G111	W02472-G11
	Gray (Chevron)	Yes	W02472-G131	W02472-G13
	Blue	Yes	W02472-G141	W02472-G14
	Black	-	W02472-G211	W02472-G21
	Gray (Chevron)	-	W02472-G231	W02472-G23
	Blue	-	W02472-G241	W02472-G24
36" Blender (snap-in button design) (see notes 2 and 5 on page 2-5)	Black	Yes	W02472-G311	-
	Black	-	W02472-G411	-
	Gray (BP)	Yes	W02472-G321	-
	Gray (BP)	-	W02472-G421	-
	Gray (Chevron)	Yes	W02472-G331	-
	Gray (Chevron)	-	W02472-G431	-
	Blue	Yes	W02472-G341	-
	Blue	-	W02472-G441	-

Main Access Door Assemblies (Continued)



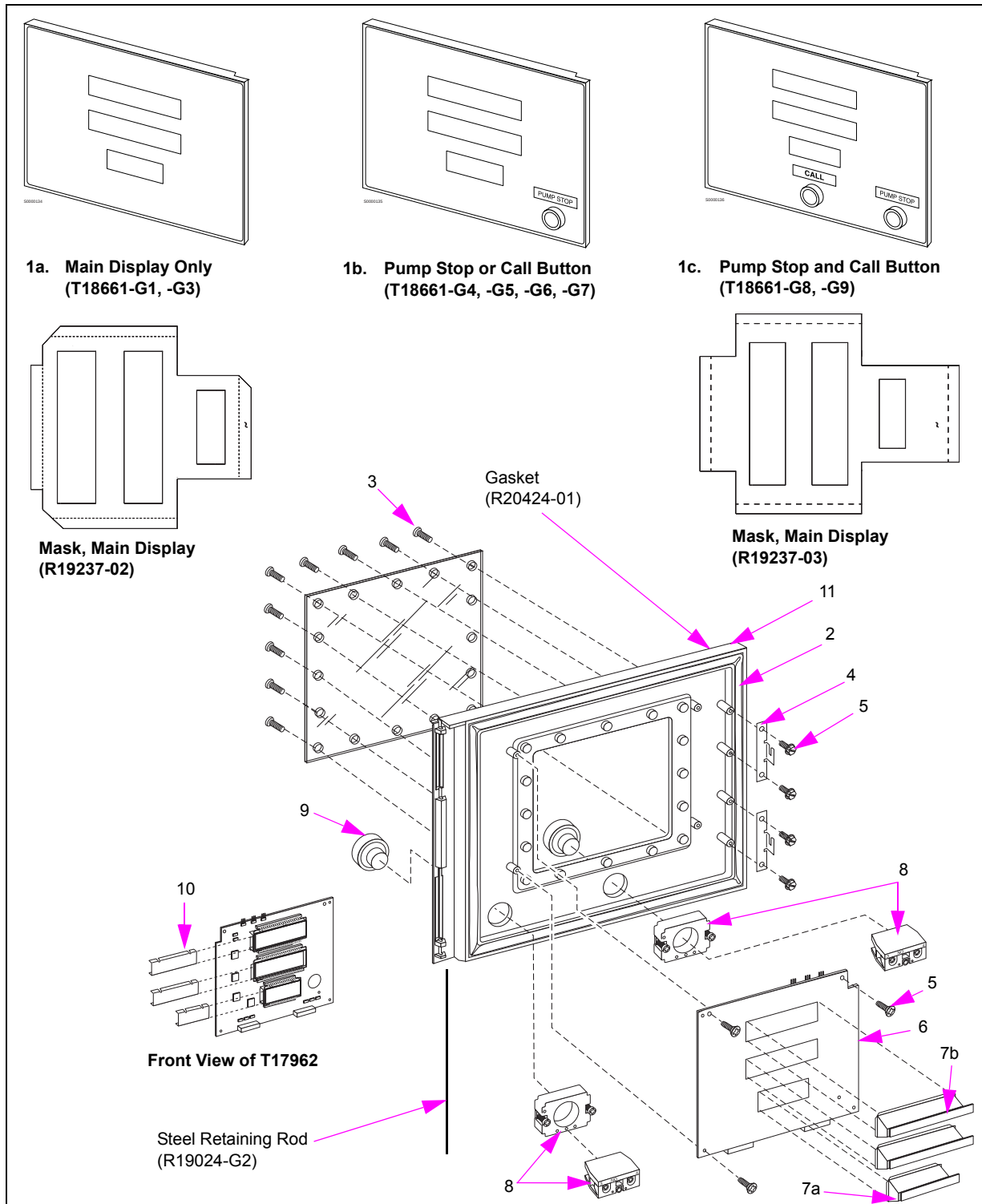
Pump Preset and Left Pump Stop Doors



Item #	Part Description	Current Part	Previous Part	Quantity
1	Option Door Assembly (see note 1)			
1a	• Customer Programmable Preset (Spare Parts Item)	T17734-G2	-	1
1b	• Pump Stop [see note 2 (Spare Parts Item)]	-	T17626-G3	1
1c	• Pump Stop and Customer Programmable Preset (see note 2) (obsolete, see note 6)	-	T17734-G4	1
1d	• Pump Stop and Five-button Preset Option Door [not shown (see note 2)] (Spare Parts Item)	-	T17734-G6	1
2	Doors (door only) (see note 1)			
2a	• Door, Customer Programmable Preset or Pump Stop and Five-button Preset (not shown) (obsolete, see note 6)	-	T17501-01	1
2b	• Door, Pump Stop Option Only (not shown) (obsolete, see note 6)	-	T18028-01	1
2c	• Door, Pump Stop and Customer Programmable Preset Option, Black (obsolete, see note 6)	-	T18028-02	1
3	Cable Clamp	Q13459-01	Q11577-02	1
4	Programmable Pump Preset (PPP) Gasket	R19508-01	-	1
5	Screw, #6-20 X 1/2"	Q11677-26	-	4
6	Nut with External Lock Washer, #6-32 (see note 5)	Q12068-02	-	4
7	Pump Preset Display Printed Circuit Board [PCB (see note 5)]	T17328-G1	-	1
8	Pump Preset Switch/Faceplate Assembly (see note 5)	R20266-G3	-	1
9	Switch, 5 Button Preset/Pump Stop Switch (see note 5)	T19326-01	-	1
10	Switch, Contact Block and Base Assembly (see notes 2 and 3)	Q13453-01	-	1
Not Shown				
-	Pump Preset Display Assembly (includes parts 6 - 8)	R20267-G5	R20267-G4	1
Notes: 1. Quantities per option door. 2. For 36" models, Production discontinued 10/96. Pump stop button now located on right option door. For 48" models, refer to "Main Access Door Assemblies" on page 2-4 or refer to "Right Main Display, Pump Stop, and Call Button Option Door" on page 2-8. 3. Parts still current on other assemblies. 4. These items are not sold individually. They are sold as an assembly only. 5. All parts may not be available as spare parts. 6. No replacement.				

Right Main Display, Pump Stop, and Call Button Option Door

Note: Used on 36-inch units only. For 48-inch unit right option doors, refer to “Main Access Door Assemblies” on page 2-4. For 48-inch unit, refer to “Main Display Area” on page 2-11.

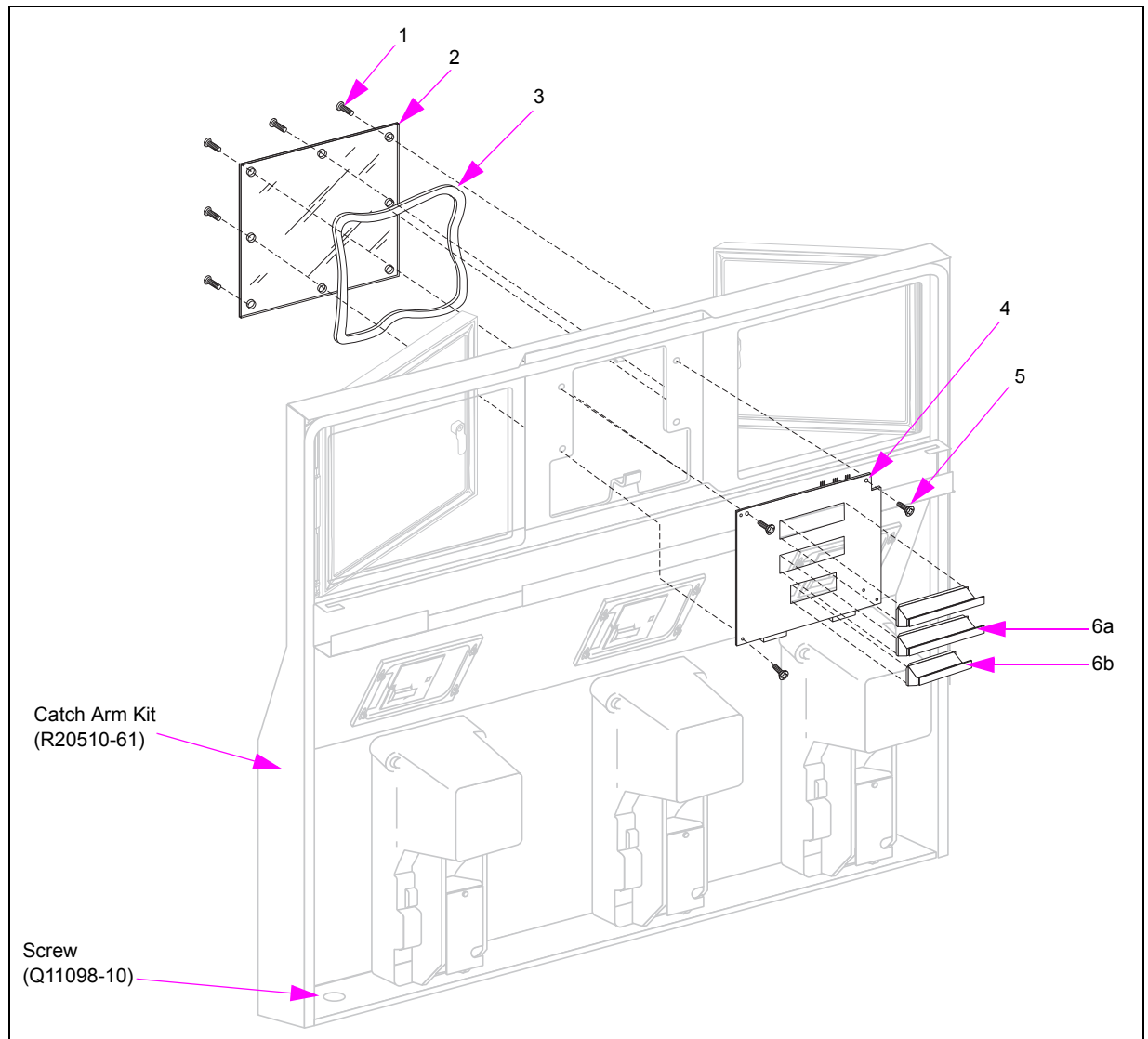


Item #	Part Description	Current Part	Previous Part	Quantity
1	Right Main Display Option Door Assembly (see note 1)			
	• Black (Spare Parts Item)	T18661-G1	-	1
	• Gray (Chevron) (Spare Parts Item)	T18661-G3	-	1
	• Black (used with pump stop button) (obsolete, see note 8)	-	T18661-G4	1
	• Gray (used with pump stop button) (Spare Parts Item)	T18661-G5	-	1
	• Black (used with call button) (Spare Parts Item)	T18661-G6	-	1
	• Gray (used with call button) (Spare Parts Item)	T18661-G7	-	1
	• Black (used with pump stop and call button) (Spare Parts Item)	T18661-G8	-	1
	• Gray (used with pump stop and call button) (Spare Parts Item)	T18661-G9	-	1
2	Main Display Option Door (door only)			
	• Black	T18651-G1	-	1
	• Gray	T18651-G2	-	1
	• Black (used with pump stop or call button)	T18651-G11	-	1
	• Gray (used with pump stop or call button)	T18651-G12	-	1
	• Black (used with pump stop and call button)	T18651-G21	-	1
	• Gray (used with pump stop and call button)	T18651-G22	-	1
3	Screw, #6-19 X 3/8"	Q12011-13	-	16
4	Door Latch	R19244	-	2
5	Screw, #6-20 X 3/8"	Q11677-24	-	7
6	Main Display PCB (see note 3)	T17962-G1	-	1
7	Reflector Assembly			
7a	• 0.7"	T17622-G5	-	1
7b	• 1.0"	T17622-G6	-	2
8	Contact Block and Base Assembly			
	• Pump Stop	Q13453-01	-	(see note 1)
	• Call Button	Q13453-06	-	(see note 1)
9	Push Button			
	• Pump Stop Button (red)	Q13453-02	-	(see note 1)
	• Call Button (green)	Q13453-08	-	(see note 1)
10	Main Display Filter Kit (includes two 1.0" filters and one 0.7" filter)			
	• Orange	K93685-G9	-	1
	• White (no longer available) (obsolete, see note 8)	-	K93685-G10	1
	• Yellow (no longer available, use K93685-G9)	K93685-G9	K93685-G11	1

Item #	Part Description	Current Part	Previous Part	Quantity
11	Door Number (blank door)	T18662-G1	-	1
12	Mask, Main Display	R19237-02 R19237-03	-	1
Notes: 1. Quantities per option door. 2. Main Display Option Door Assembly (T18661-GX) includes items 2, 5, 6, 7, and 8. 3. Main Display Option Door (T18651-XX), includes items 3 and 4. 4. Main Display PCB Assembly (T17962-G1) includes item 9. 5. T18662-XX where XX is the color of the blank door. 6. Quantity varies with assembly. 7. All parts may not be available as spare parts. 8. No replacement. 9. K93685-G11 is obsolete and replaced by K93685-G9.				

Main Display Area

Note: Used on 48-inch units only. For 36-inch units, refer to “Right Main Display, Pump Stop, and Call Button Option Door” on page 2-8.

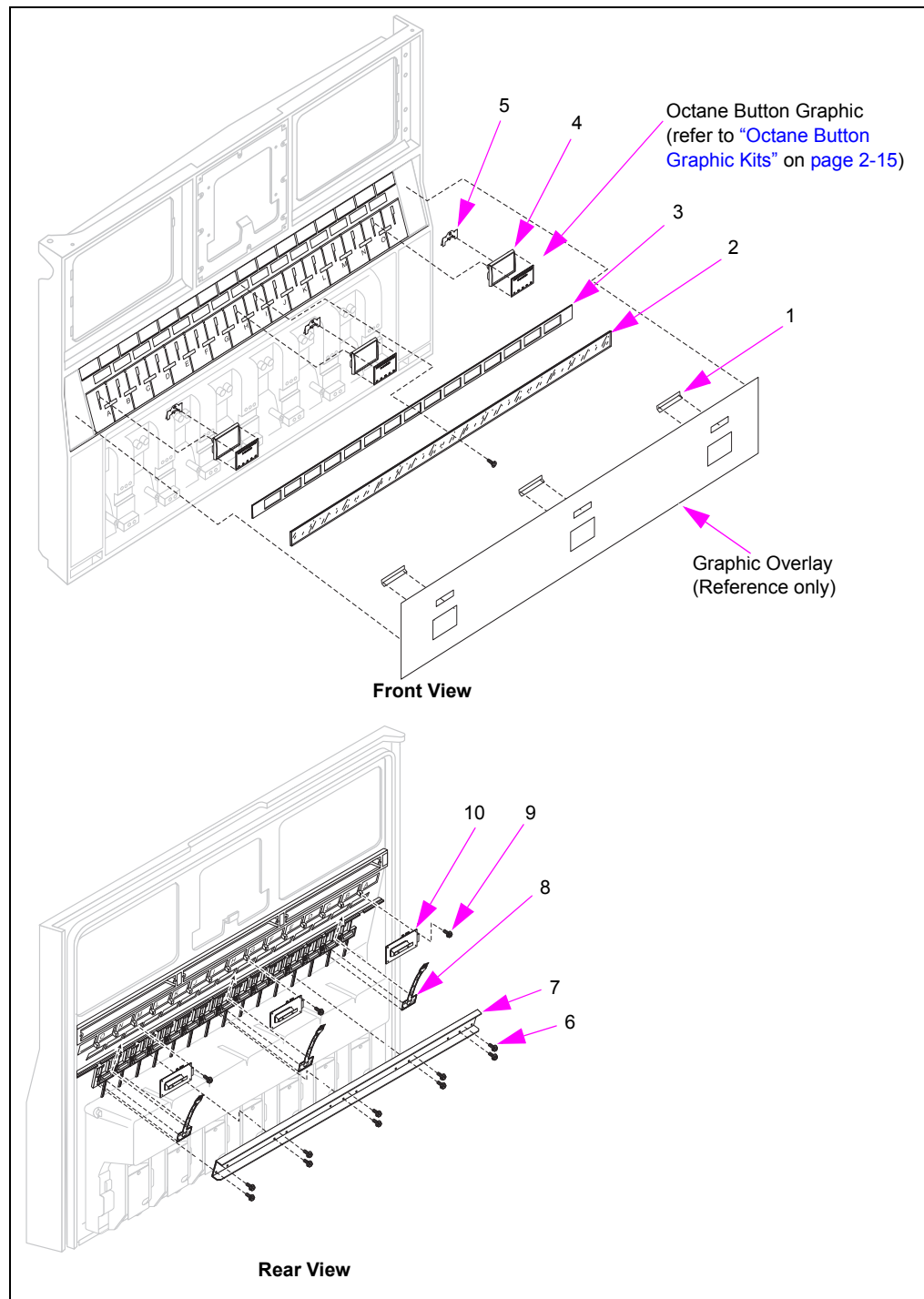


Item #	Part Description	Current Part	Previous Part	Quantity
1	Screw, #6-19 X 3/8"	Q12011-13	-	16
2	Main Display Window (narrow frame only) (see note 1)	N23122-01	-	1
3	Main Display Window Gasket** (with frame) (see note 2)	R20424-01	R20375-01	1
4	Main Display PCB (see notes 1 and 3)	T17962-G1	-	1
5	Screw, #6-20 X 3/8"	Q11677-24	-	3
6	Reflector Assembly			
6a	• 0.7"	T17622-G5	-	1
6b	• 1.0"	T17622-G6	-	2
7	Main Display Filter Kit (includes two 1.0" filters and one 0.7" filter)			
	• Orange	K93685-G9	-	1
	• White (no longer available) (obsolete, see note 6)	-	K93685-G10	1
	• Yellow (no longer available, use R93685-G9)	K93685-G9	K93685-G11	1

Notes:

1. Main Display Kit with Frame is K93686-G1.
2. Mask Main Display is R19237-03.
3. Main Display PCB Assembly (T17962-G1) includes item 7.
4. Quantities per main access door. Refer to ["Main Access Door Assemblies"](#) on [page 2-4](#).
5. All parts may not be available as spare parts.
6. No replacement.
7. K93685-G11 is obsolete and replaced by K93685-G9.

PPU Area - Snap-in Grade Select Button Door



Item #	Part Description	Current Part	Previous Part	Quantity
1	Weather Shield	R20447-01	-	(see note 2)
2	PPU Lens Assembly (48" frame) (see note 3)	R20395-G01	-	1
3	Adhesive Strip (48" frame)† (see note 1)	R20436-01	-	1
4	Octane Button	R20373-01	-	(see note 2)
5	Octane Button Spring	R20385-01	-	(see note 2)
6	Screw, #8-32 X 3/8"	K85736-06	Q11677-24	10
7	Switch Backing Bracket for 48"	W03681-01	-	1
	Switch Backing Bracket for 36"	W03681-02		
	Gasket	Q11899-15	-	1
8	Membrane Selectable Blender Switch (see note 6)	T19684-03	-	(see note 2)
9	Screw, #6-20 X 3/8"	Q11677-24	-	(see note 2)
10	PCB PPU Display	T18699-G2	-	(see note 2)
	Reflector Assembly	T17622-G8	-	(see note 2)
Not Shown				
-	Snap-in Grade Select Button Bezel Door (see note 1)			
	• 48" Frame (see note 1)	W02474-GXX	-	1
	• 36" Frame (see note 1)	W02472-GXX	-	1
Notes: 1. †Adhesive strip (36" frame) is R20436-02. 2. Quantities per door. 3. PPU Lens (36" frame) is R20395-G02. 4. For more information, refer to "Main Access Door Assemblies" on page 2-4. 5. Quantity varies with model. 6. Kit with screws and new Membrane Switch (T19684-02) is K94555-01. 7. All parts may not be available as spare parts.				

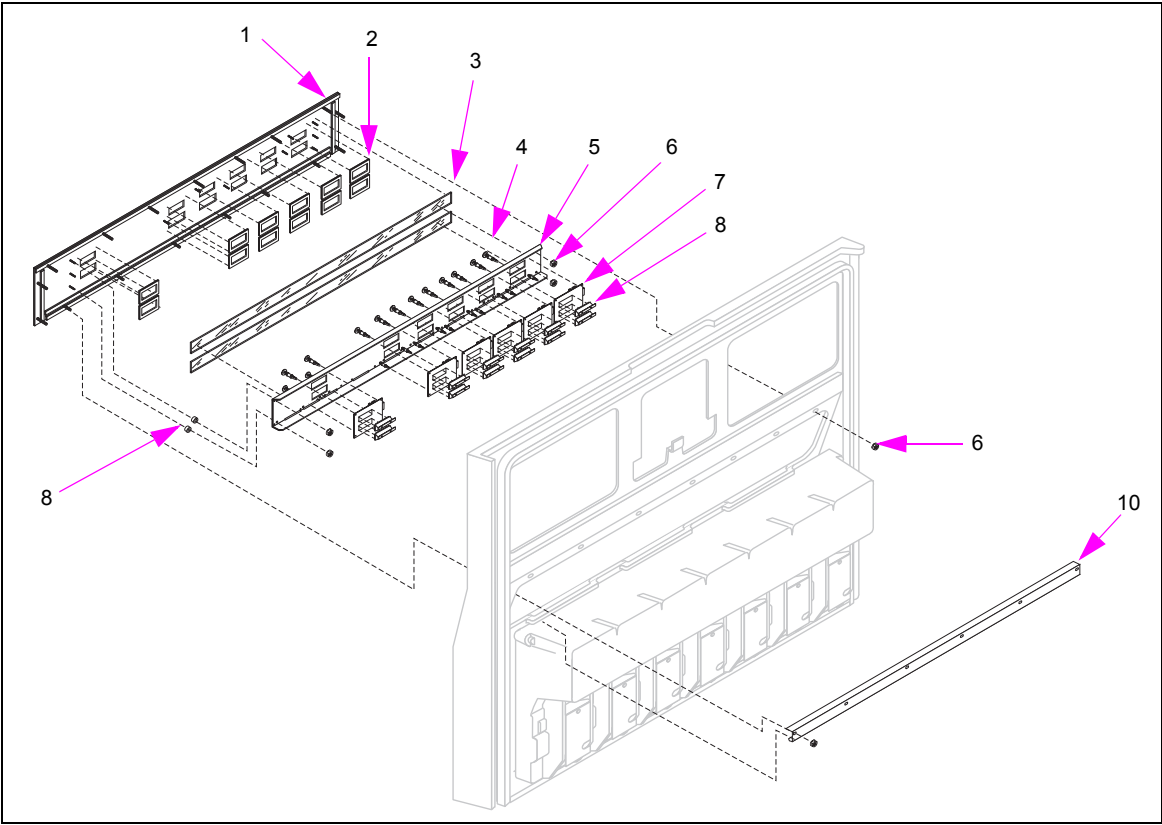
Octane Button Graphic Kits

Kit Number	Brand	Octane Ratings/Label
R60030-G1	Generic	All Ratings
R60030-G2		Diesel
R60030-G3		87, 89, 92
R60030-G4		87, 89, 92, Diesel
R60030-G5		Diesel
R60030-G6		Diesel #2
R60030-G7		Diesel Fuel
R60030-G8		Luk Oil, Press Here to Str
R60030-G9		Diesel (no other verbage)
R60030-G10		85 Rating
R60030-G11		85.5 Rating
R60030-G12		100 Octane
R60030-G13		Octane 110
R60030-G14		87, 89, 91, Diesel
R60030-G15		87, 89, 91, Diesel #2
R60030-G16	7-11	Kit
R60030-G17	Valero	Kit
R60030-G18	Generic	93 Octane

Softkey Keypad

Graphic Part Prefix	Keypad Switch #	Description
EU03007G	M06975K001	Kit, Alpha Numeric Keypad and Adhesive
EU01003G	M01254B003	Keypad, Monochrome Softkey Display
ENE0301G	M01254B003	Keypad, Monochrome Softkey Display
ENE06008G	M08412B001	Keypad, Misc Options, Encrypting PIN Pad (EPP) E300/500
ENE1702G	M07763B002	Keypad, Customer Input Alpha Numeric
EN06006G	M01735B001	Keypad, Start/Call/Stop [4 Point of Sale (POS) Keypad]
ENE0605G	M08430B002	Keypad Options, EPP/E-CIM
ENS0604G	M06070B001	Keypad Stop/Call/Start (3 POS Keypad)
ENS0604G	M06070B002	Keypad, 7 POS, Stop/Call
ENE1701G	M07689B002	Keypad, Customer Input ADA CRIND, E-CIM
EU03004G	M00141B002	Keypad, Customer Input (ADA CRIND)
ENS1701G	M08418B001	Keypad, EPP Auxiliary
ENS0301G	M06069B001	Keypad, Softkey - CRIND Mono - 4 POS
ENE0401G	M08317B002	Keypad, Softkey Color (R) E-CIM 10.4
ENE0501G	M08317B001	Keypad, Softkey Color (L) E-CIM 10.4
ENE0601G	M07754B001	Keypad, 3-key Option
EN06002G	M01109B003	Keypad, Misc Options
ENE0616G	M12287B001	Keypad, ADA

PPU Area - Dual PPU Pricing



48-inch Dual PPU Faceplate Assemblies

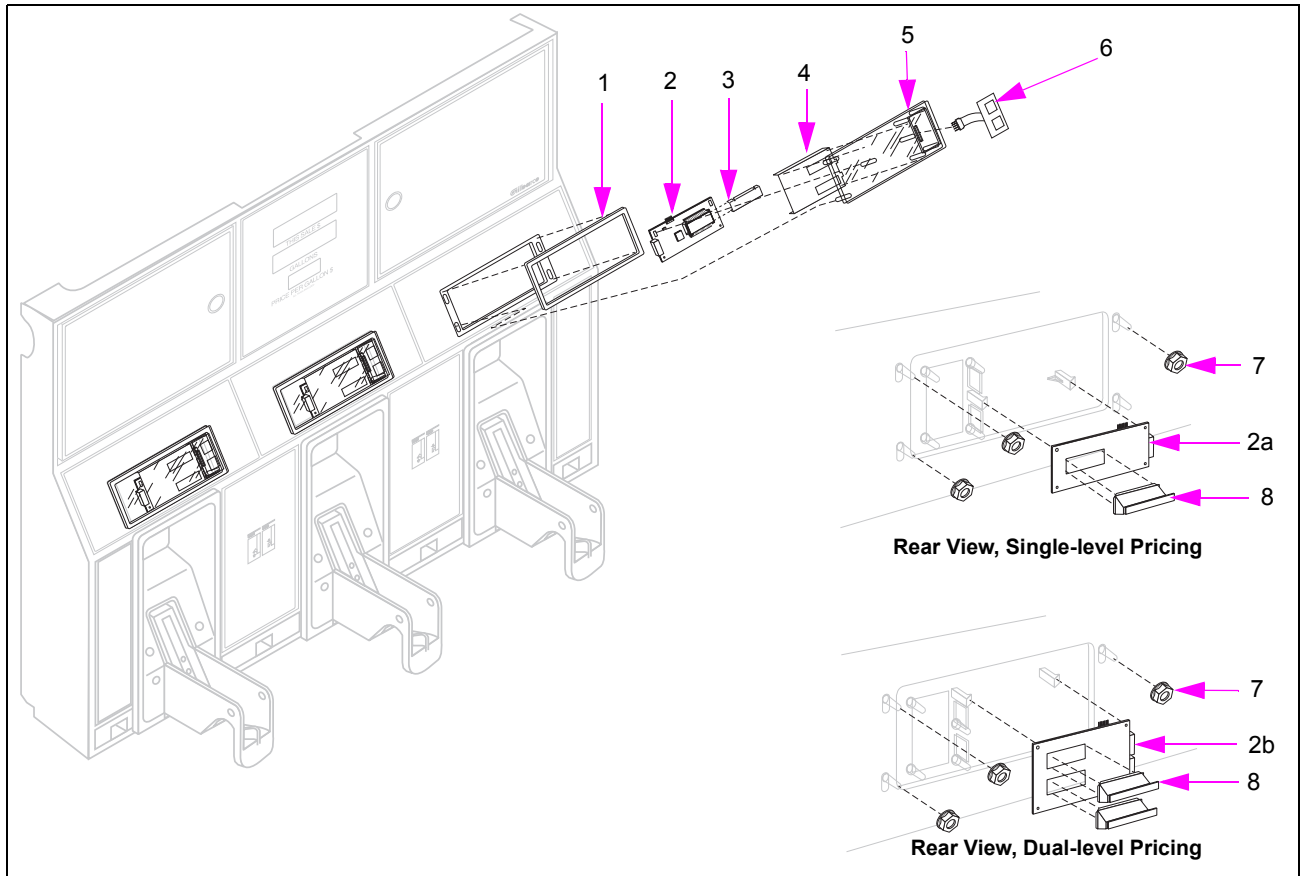
Unit Part Description	Current Part
5+1, Side A (1, 2, 3, 4, 5, 6)	T19183-G1
5+1, Side B (6, 1, 2, 3, 4, 5)	T19183-G5
4+1, Side A (1, 2, 3, 4, 6)	T19183-G2
4+1, Side B (6, 1, 2, 3, 4)	T19183-G6
3+1, Side A (1, 2, 3, 6)	T19183-G3
3+1, Side B (6, 3, 4, 5)	T19183-G7
3+1, Side A (1, 3, 5, 6)	T19183-G4
3+1, Side B (6, 1, 3, 5)	T19183-G8
5+0 (1, 2, 3, 4, 5)	T19154-G1
4+0 (1, 2, 3, 4)	T19154-G2
3+0 (1, 3, 5)	T19154-G3
Note: These parts are obsolete and there is no replacement.	

36-inch Dual PPU Faceplate Assemblies

Unit Description	Current Part
5+0 (1, 2, 3, 4, 5)	T19154-G1
4+0 (1, 2, 3, 4)	T19154-G2
3+0 (1, 3, 5)	T19154-G3
Note: These parts are obsolete and there is no replacement.	

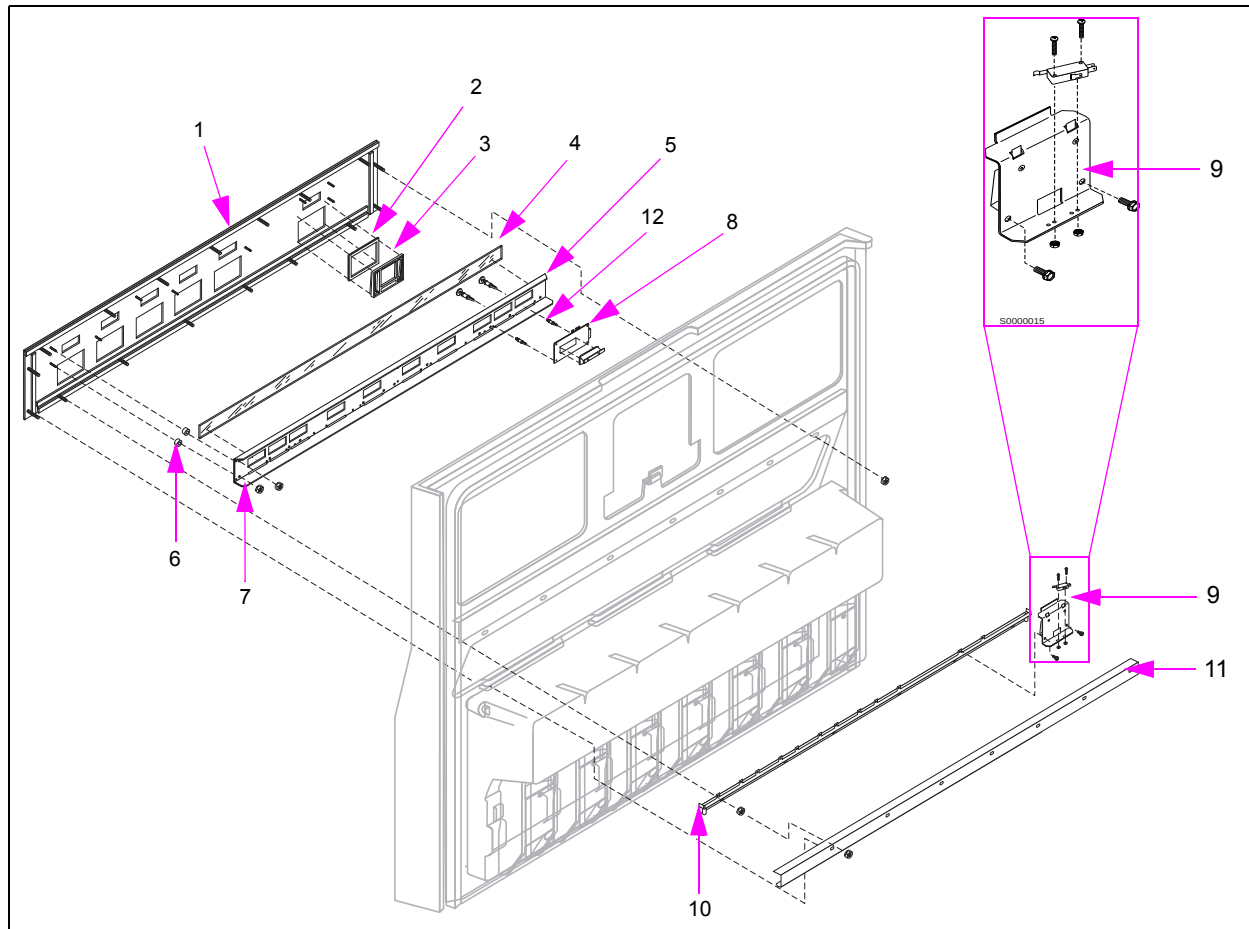
Item #	Part Description	Current Part	Previous Part	Quantity (48")	Quantity (36")
1	48" Faceplate and Membrane Assembly				
	• X + 0, side A	T19277-G2	-	1	-
	• X + 0, side B	T19277-G3	-	1	-
	• X + 1	T19277-G4	-	1	-
	36" Faceplate and Membrane Assembly	T19277-G1	-	-	1
2	PPU Gasket	R18689-01	-	(see note 1)	(see note 2)
3	PPU Lens				
	• 48"	T17774-04	-	2	-
	• 36"	T17774-03	-	-	2
4	PCB Support	Q10651-38	-	(see note 1)	(see note 2)
5	48" Support Bracket				
	• X + 0 (side A), X + 1 (sides A and B)	T19570-01	-	1	-
	• X + 0 (side B)	T19570-01	-	1	-
	36" Support Bracket (obsolete, see note 5)	-	T19582-01	-	1
6	Nut, #4-40	Q12068-01	-	(see note 1)	(see note 2)
7	PPU Display Board	M13964A001 T18705-G1	T18705-G2 T17539-G2	(see note 1)	(see note 2)
	PPU Display Filter Sets				
	• Orange	R19211-031	-	(see note 1)	(see note 2)
	• White (obsolete, see note 5)	-	K93685-G6	(see note 1)	(see note 2)
	• Yellow (obsolete, see note 4)	K93685-G5	K93685-G7	(see note 1)	(see note 2)
8	Reflector Assembly	T17622-G8	T17622-G4	(see note 1)	(see note 2)
9	Round Spacer, 1/4" X 1/8"	Q10213-22	-	(see note 1)	(see note 2)
10	PPU Board Brace				
	• 48"	T17807-01	-	1	-
	• 36"	T17807-02	-	-	1
Notes: 1. Quantities per faceplate assembly. 2. Quantity varies with model. 3. All parts may not be available as spare parts. 4. K93685-G5 is obsolete and no replacement. 5. No replacement.					

PPU Area - MPD, Quad, Dual, Blender Six-hose, and Blender Single-hose



Item #	Part Description	Current Part	Previous Part	Quantity
1	PPU Window Gasket	N23142-01	-	1
2	PPU Display Board Assemblies			
2a	• Single-level, Without Display Filters	T18699-G2 T18699-G1	T18699-G1 T17539-G3	1
2b	• Dual-level, Without Display Filters	M13964A001 T18705-G1	T18705-G2 T17539-G2	1
3	PPU Display Filter Set Kits (order one per display board)			
	• Orange	R19211-031	-	1
	• White (obsolete, see note 5)	-	K93685-G6	1
	• Yellow (no longer available, use K93685-G5) (see note 7)	K93685-G5	K93685-G7	1
4	PPU Display Mask	T17830-01	-	1
5	Window, PPU Display			
	• With Filler Plate	T17635-G1	T17635-02	1
	• Without Filler Plate	T17635-G2	T17635-02	1
6	Switch, Single or Dual-level PPU			
	• Without Light Emitting Diode (LED)	T19370-12	T19370-02	1
	• With LED (see note 3)	K93710-03 T19370-02 T19370-02	T19370-04 R19179-03 R19179-02	1
	Switch, Center Position			
	• Without LED	K93710-05	-	1
	• With LED (see note 3) (obsolete, see note 6)	K93710-05 -	T19370-05 R19179-01	1
	Filler Plate, PPU switch	N23143	-	1
7	Nut, Self-thread 1/4"	Q10059-08	-	1
8	Reflector Assembly, 0.5" Displays	T17622-G8	T17622-G4	(see note 1)
Not Shown				
-	Liquid Crystal Display (LCD) Display, 0.5"	Q12446-03	-	(see note 1)
	PPU Overlay (see note 2)			
-	• Single-level	R19431-XX	-	(see note 1)
	• Dual-level (cash/credit)	R19432-XX	-	(see note 1)
Notes: 1. Quantity varies with model. 2. Order-entry item. Specify the color and graphics when ordering. 3. Membrane switches with LEDs are no longer offered or spared. 4. All parts may not be available as spare parts. 5. No replacement. 6. R19179-01 is obsolete and no replacement. 7. K93685-G7 is obsolete and replaced by K93685-G5.				

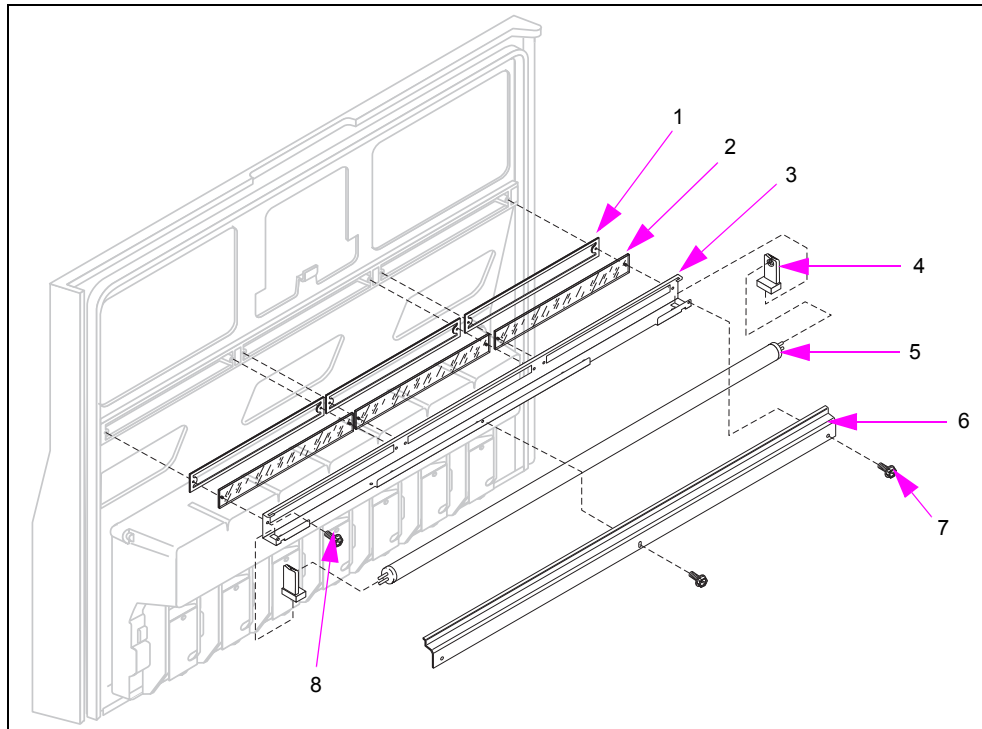
PPU Area - Soda Buttons



Item #	Part Description	Current Part	Previous Part	Quantity
1	Faceplate	-	-	1
2	Grade Select Gasket	R18842-01	-	(see note 2)
3	Grade Select Button			
	• Plastic (obsolete, must use metal below)	T19596-01	T17286-01	(see note 2)
	• Metal	T19596-01	-	(see note 2)
4	PPU Lens			
	• 48"	T17774-04	-	1
	• 36"	T17774-03	-	1
5	Upper Support Bracket			
	• 48"	T17874-01	-	1
	• 36"	T17779-01	-	1
6	Flat Washer	N16599-78	-	(see note 2)

Item #	Part Description	Current Part	Previous Part	Quantity
7	Nut, #8-32 (obsolete, see note 3)	-	Q10213-12	(see note 2)
8	Display Board, Single-level PPU (without display filters, includes 7)	T18699-G2	-	(see note 2)
	Display, LCD 0.5"	Q12446-03	-	(see note 2)
	Reflector Assembly, 0.5" display	T17622-G8	-	(see note 2)
	Mask, PPU	N23179-01	-	(see note 2)
	PPU Display Filter Set Kits (order one per display board)			
	• Orange (obsolete, see note 3)	-	K93685-G5	(see note 2)
	• White (obsolete, see note 3)	-	K93685-G6	(see note 2)
	• Yellow (obsolete, see note 4)	K93685-G5	K93685-G7	(see note 2)
9	Grade Select Switch Bracket Assembly (Spare Parts Item)	T20347-G1	-	(see note 2)
10	Lower Support Bracket			
	• 48", Diesel right	T17809-G1	-	1
	• 48", Diesel left	T17809-G2	-	1
	• 36", Right or Left	T17808-G1	-	1
11	Brace, PPU Board			
	• 48"	T17807-01	-	1
	• 36"	T17807-02	-	1
12	Circuit Board Support	Q10651-38	Q10651-32	(see note 2)
Not Shown				
-	Drain Tubing	Q12518-01	-	2
-	Octane Card kit, 86-94			
	• For Use with Plastic Button T17286-01 (obsolete, (refer to "for use with metal button T19596-01" below)	R20322-01	K93358-03	1
	• For Use with metal button T19596-01 (obsolete, see note 3)	R60030-G1 (Refer to "Octane Button Graphic Kits" on page 2-15)	R20322-01	1
-	Spacer	K87404-03	-	(see note 2)
-	Gasket, PPU board	R18689-01	-	(see note 2)
-	Teflon® Strip	Q12054	-	(see note 2)
Notes: 1. Quantities per main access door. 2. Quantity varies with model. 3. No replacement. 4. All parts may not be available as spare parts. 5. K93358-03 is obsolete and replaced by R20322-01.				

Brand Panel Lighting



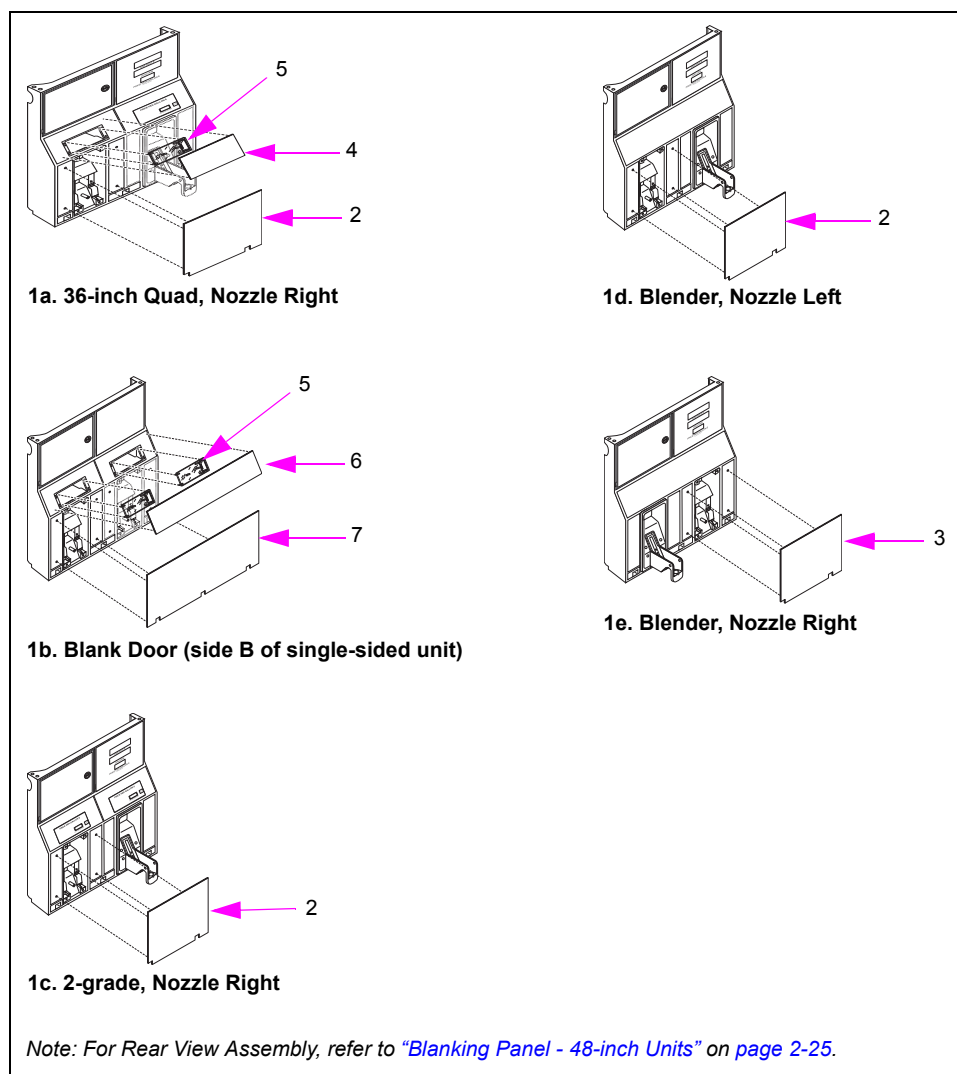
Item #	Part Description	Current Part	Previous Part	Quantity
1	Gasket, Lamp Window	N23136-01	-	(see note 1)
2	Window, Lamp	N23122-01	-	(see note 1)
3	Lamp Channel (see note 2)			
	• 48" Frame (obsolete, see note 6)	-	T17974-01	1
	• 36" Frame	T17975-02	T17975-01	1
4	Pressure Lock Lamp Holder (see note 2)	K87111	-	2
	Screw, #6-32 X 1/2" (see note 2)	K85736-04	-	(see note 1)
5	Lamp, Fluorescent (see note 2)			
	• 48" Frame	Q10878-04	-	1
	• 36" Frame	Q10878-03	-	1
6	Screw, #10-32 X 1/2"	K85736-15	-	(see note 1)
7	Screw, #6-20 X 5/8" (see note 2)	Q11677-28	-	(see note 1)
Not Shown				
-	Nut, #10-32	Q11890-03	-	(see note 1)
-	Lamp Channel (see note 2)			
	• 48" Frame (obsolete, see note 6)	-	T18664-01	1
	• 36" Frame (obsolete, see note 6)	-	T18670	1

Item #	Part Description	Current Part	Previous Part	Quantity
-	Backlight Reflector Assembly (includes starter and lamp) (see note 2)	K93883-XX	T18691-G1	(see note 1)
-	Lamp, Fluorescent (see note 2)	-	Q10878-02	(see note 1)
-	Starter, Lamp (see note 2)	-	Q12580-01	(see note 1)

Notes:

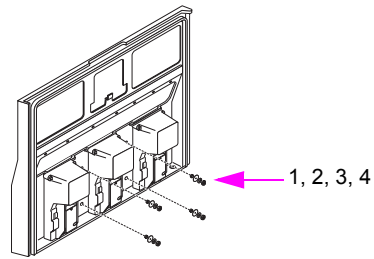
1. Quantity varies with model.
2. Current and previous parts cannot replace each other. Used from 02/91 to 05/92.
3. Not available on Blenders X + 1, X + 0 (48" and 36" frames), MPD Single-hose with soda buttons, or models with dual level PPUs.
4. Order-entry item and specify the color and graphics while ordering.
5. All parts may not be available as spare parts.
6. No replacement.

Blanking Panel - 36-inch Units

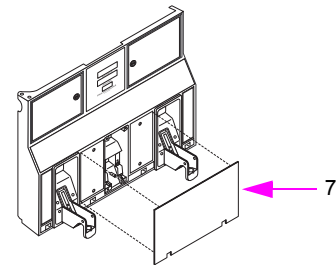


Item #	Part Description	Current Part	Previous Part	Quantity
1	Main Access Door Assembly, 36" Units			
1a	• Dual, Nozzle Right (obsolete, see note 6)	-	T17761-G2	1
1b	• Blank Door (side B of single-sided unit) (obsolete, see note 6)	-	T17761-G3	1
1c	• 2-grade, Nozzle Right	T17761-G11	-	1
1d	• Blender, Nozzle Left (obsolete, see note 6)	-	T17781-G1	1
1e	• Blender, Nozzle Right (obsolete, see note 6)	-	T17781-G2	1
2	Blanking Panel, 36" Single-hose Right, Color Coded	T18692-G1**XX (see note 4)	-	1
3	Blanking Panel, 36" Single-hose Left, Color Coded	T18692-G2**XX (see note 4)	-	1
4	Blanking Panel, PPU area, Color Coded	T18668-G2**XX (see note 4)	-	1
5	Filler Plate Assembly	R20367-G1	-	(see note 3)
6	Blanking Panel, PPU Area, Color Coded	T18668 G2 T18694-G3	T18694-G2 T18694-G1	1
7	Blanking Panel, Single-sided Unit, Color Coded	T18693-G1**XX (see note 4)	-	1
Notes: 1. Quantity per main access door. 2. Assembly part numbers include main access door and blanking panel parts as listed in this table. 3. Quantity varies with assembly. 4. **XX indicates color is required. 5. All parts may not be available as spare parts. 6. No replacement.				

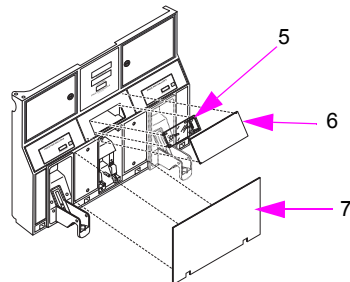
Blanking Panel - 48-inch Units



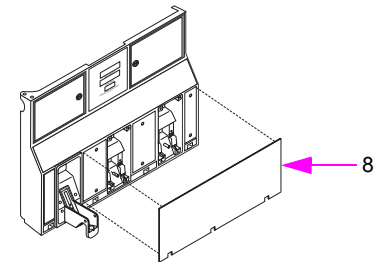
**Rear View
Screw and Washer Assembly**



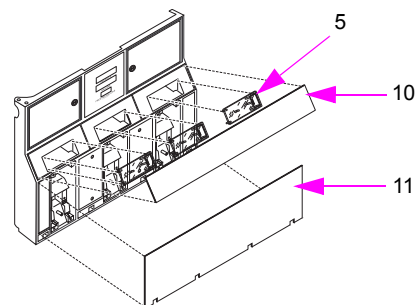
**48-inch Blender, X + 1
Door Assembly Kit (K96596)**



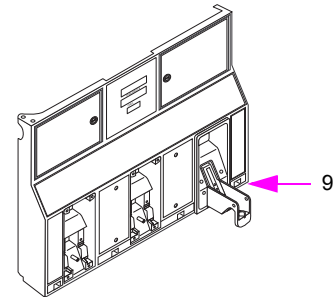
**48-inch 2-hose
Door Assembly (T17629-G8) (see note 5)**



**48-inch Blender, X + 0, Nozzle Left
Hardware Kit (T17780-G2) only**



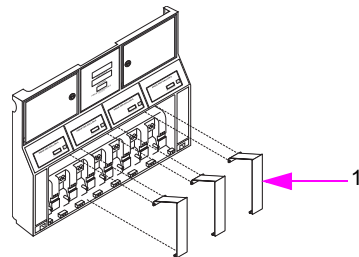
**48-inch 3-hose Blank
Door Assemblies: (T17629-G7, -G10)
(see note 6)**



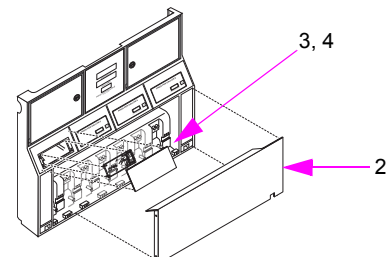
**48-inch Blender, X + 0, Nozzle Right
Door Assembly (K96596-01) - formerly T17780-G3
(see note 7)**

Item #	Part Description	Current Part	Previous Part	Quantity
1	Nut, Hexagonal, Self-locking	Q10218-04	-	(see note 1)
2	Flat Washer	N16599-78	-	(see note 1)
3	Mounting Stud Gasket	Q11659-01	-	(see note 1)
4	Split Spacer	K87404-01	-	(see note 1)
5	PPU Display Lens	T17635-G1	-	(see note 1)
6	Blanking Panel, PPU Area, Color Coded	T18668-G2**XX (see note 3)	-	1
7	Blanking Panel, Two-hose Center, Color Coded	T18666-G4**XX (see note 3)	-	1
8	Blanking Panel, 48" Single-hose, Nozzle Left, Color Coded	T18666-G5**XX (see note 3)	-	1
9	Blanking Panel, 48" Single-hose, Nozzle Right, Color Coded	T18666-G1**XX (see note 3)	-	1
10	Blanking Panel, PPU Area, Color Coded	T18668-G1**XX (see note 3)	-	1
11	Blanking Panel, Three-hose, Color Coded	T18667-G1**XX (see note 3)	-	1
Notes: 1. Quantity per main access door. 2. Quantity varies with model. 3. **XX indicates color is required. 4. All parts may not be available as spare parts. 5. T17629-G8 is replaced by T17629-G5. 6. T17629-G7 and T17629-G10 are replaced by T17629-G3. 7. T17780-G3 is obsolete and no replacement.				

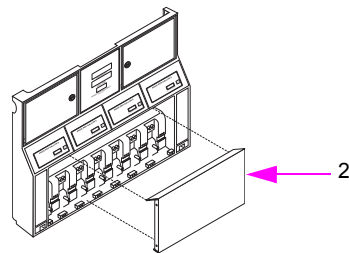
Blanking Panel - 48-inch Units (Continued)



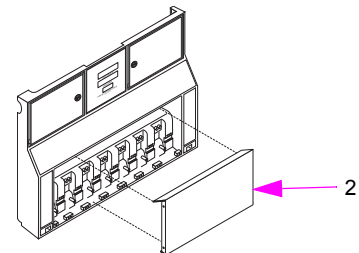
48-inch MPD, 4-grade, 4-hose
(Hardware only: T17826-G2) (obsolete, see note 3)



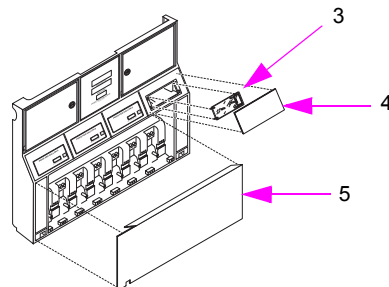
48-inch Selectable Blender, Single-hose
Door Assemblies (T17826-G9, -G19)
(obsolete, see notes 5 and 7)



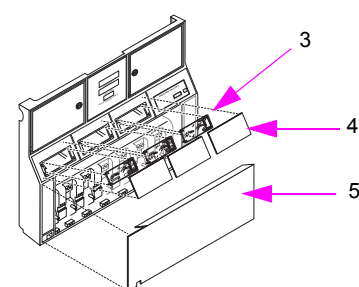
48-inch 4-grade, Single-hose + 1
Door Assembly (T17826-G17)



48-inch Selectable Blender, 2-hose
Door Assembly (T17826-G17)



48-inch MPD, 3-grade, Single-hose
Door Assemblies (T17826-G5, -G9)
(obsolete, see note 5)



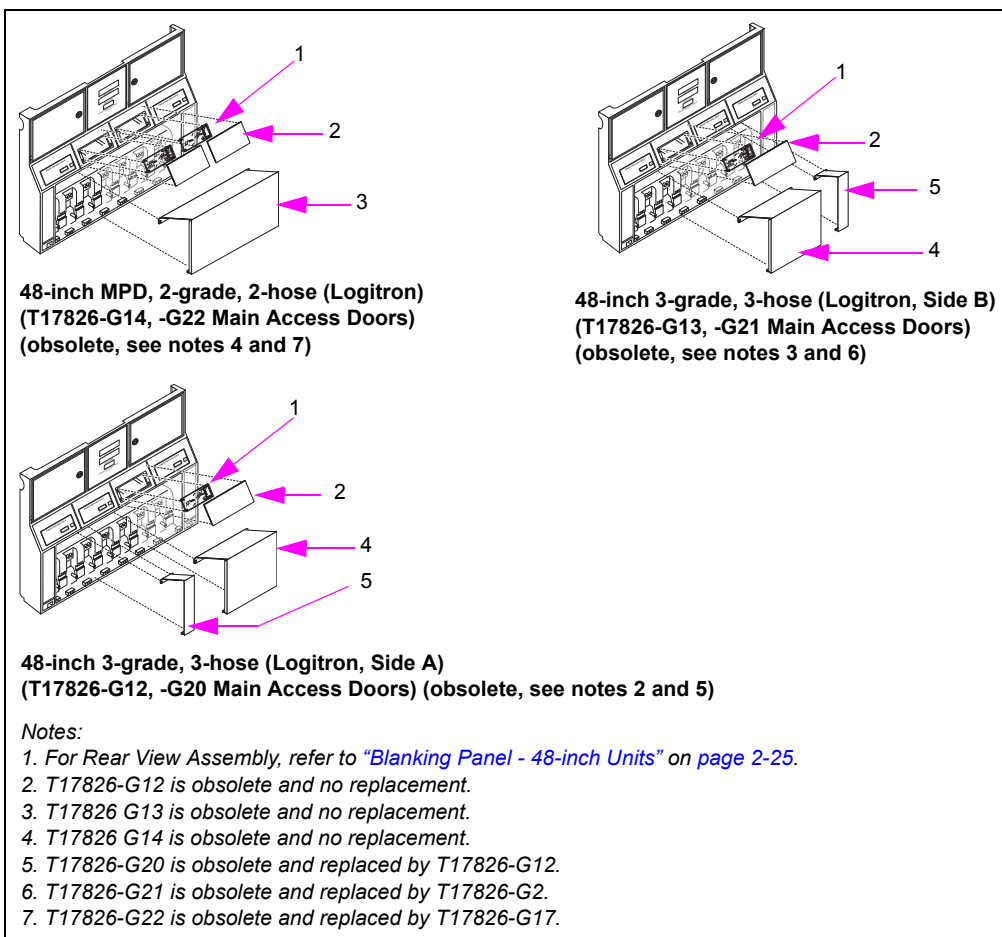
48-inch MPD, 1-grade, 1-hose (Nozzle Right)
Door Assemblies (T17826-G15, -G16)
(obsolete, see notes 2 and 6)

Notes:

1. For Rear View Assembly, refer to *"Blanking Panel - 48-inch Units"* on page 2-25.
2. T17826-G15 is obsolete and no replacement.
3. T17826-G2 is obsolete and no replacement.
4. T17826-G5 is obsolete and no replacement.
5. T17826-G9 is obsolete and no replacement.
6. T17826-G16 is obsolete and no replacement.
7. T17826-G19 is obsolete and replaced by T17826-G9.

Item #	Part Description	Current Part	Previous Part	Quantity
1	Narrow Angle Support Panel	T19456-01	-	(see note 1)
2	Blanking Panel Insert	T19689-02**XX (see note 3)	-	1
3	Modified PPU Display Lens	R20367-G1	T17635-04	(see note 1)
4	Filler Plate	R19518-01	-	1
5	Blanking Plate Assembly, Left Side, Color Coded	T17955-G1	-	1
6	Blanking Plate Assembly, Right Side, Color Coded	T17955-G2	-	1
7	Blanking Panel Insert	T19690-01**XX (see note 3)	-	1
Notes: 1. Quantity per main access door. 2. Quantity varies with model. 3. **XX indicates color is required. 4. All parts may not be available as spare parts.				

Blanking Panel - 48-inch Units (Continued)

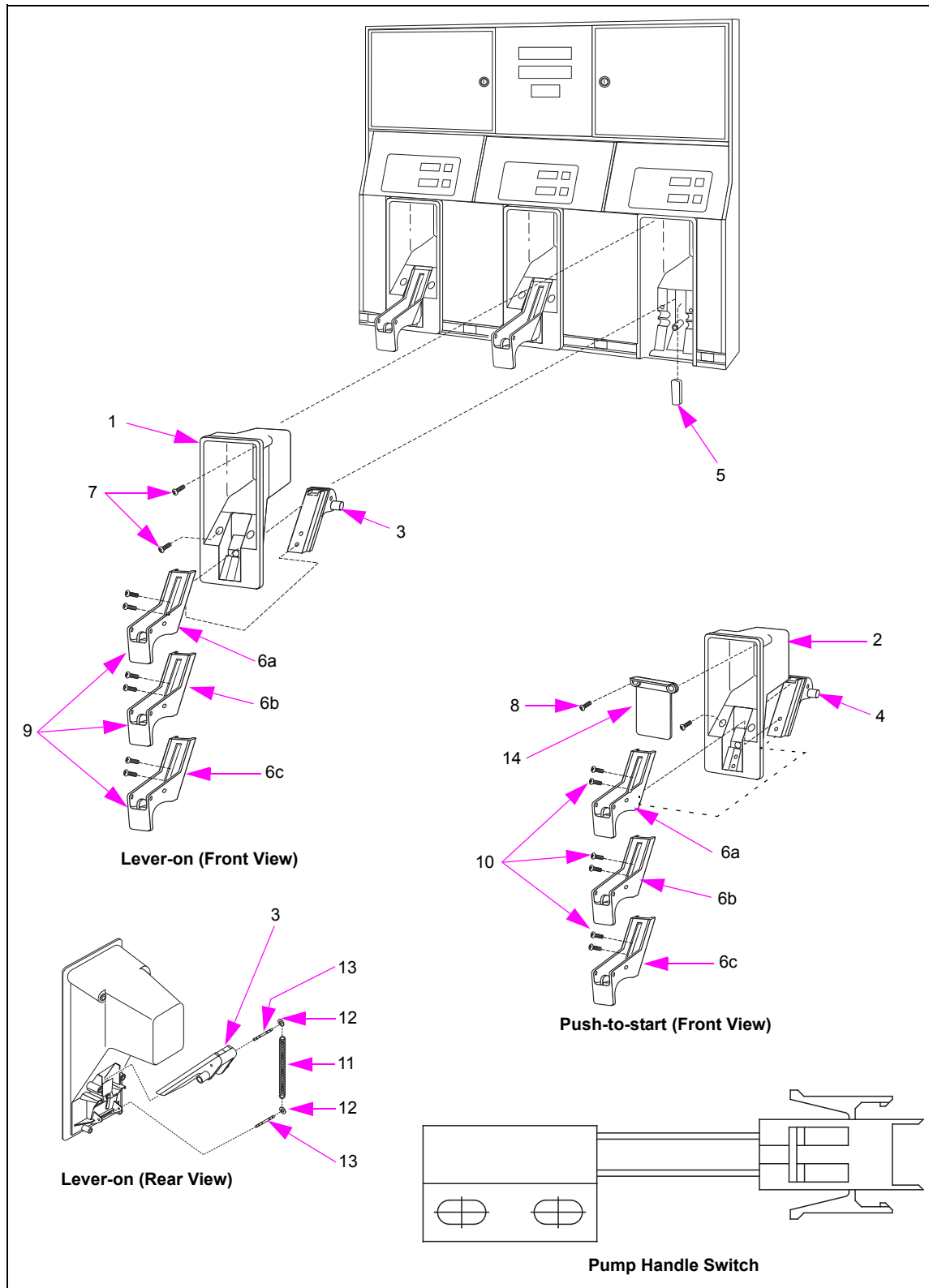


Item #	Part Description	Current Part	Previous Part	Quantity
1	Modified PPU Display Lens	R20367-G1	T17635-04	(see note 1)
2	Filler Plate (obsolete, see note 2)	-	R19518-01	1
3	Blanking Panel Insert, Color Coded	T19690-01**XX (see note 3)	-	1
4	Blanking Panel Insert, Color Coded	T19689-02**XX (see note 3)	-	1
5	Narrow Angle Support Panel	T19456-01	-	(see note 1)

Notes:

1. Quantity per main access door.
2. R19518-01 Filler Plate is no longer required when using 30 Mil Tedlar®.
3. **XX indicates color is required.
4. Quantity varies with model.
5. All parts may not be available as spare parts.

Nozzle Boot

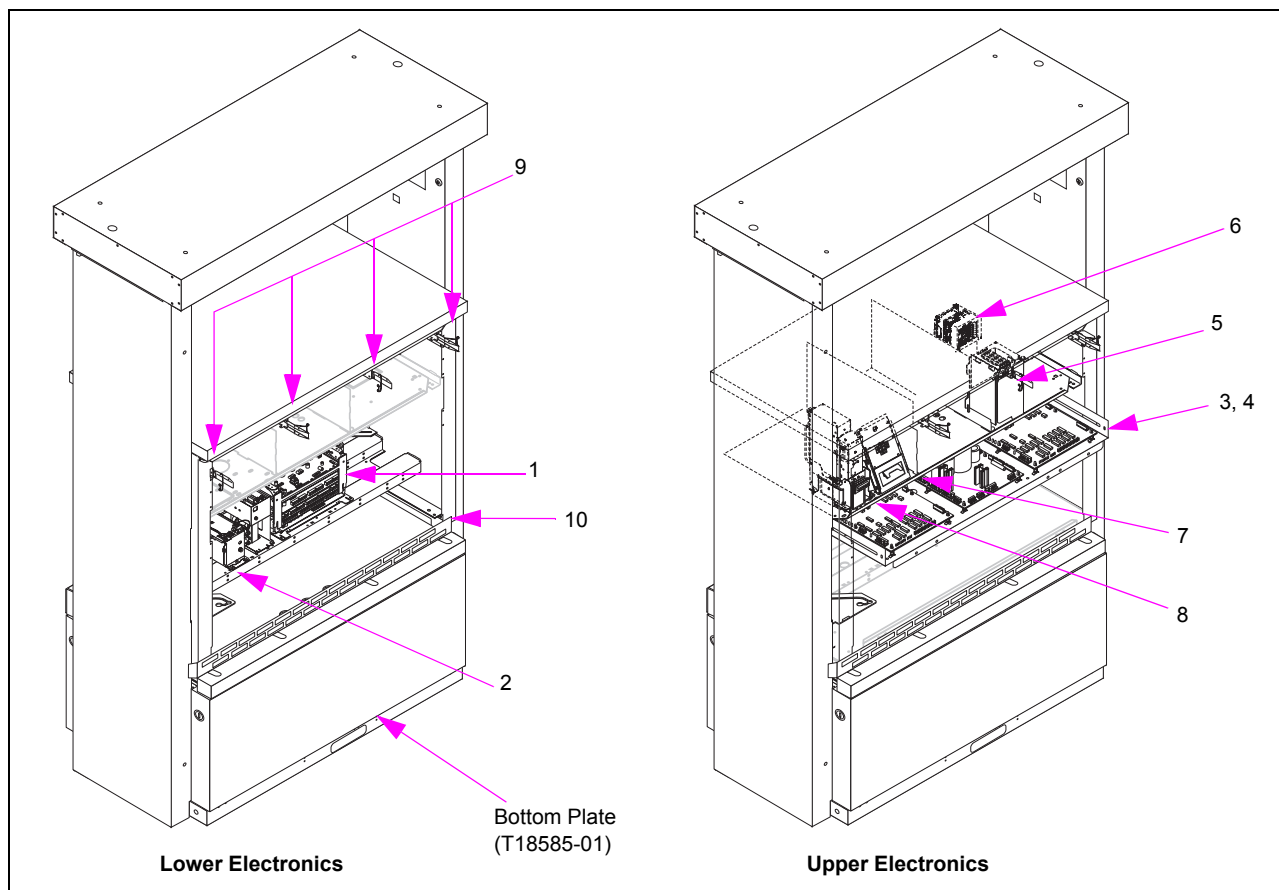


Item #	Part Description	Current Part	Previous Part	Quantity
1	Nozzle Boot, Lever-on			
	• Short Hook	W03879-G1	W02491-10	1
	• Medium Hook	W03879-G2		1
	• Long Hook	W03879-G3		1
2	Nozzle Boot, Push-to-start (plastic)	W02491-12	R19556-01	1
3	Nozzle Cradle Base, Lever-on	R19272-G1	-	1
4	Nozzle Cradle Base, Push-to-start	R19272-G1	R19273-03	1
5	Bumper, Nozzle Lever	K93661-02	K93661-01	1
6	Nozzle Cradle			
6a	• Non-vapor or Vapor Recovery, Short	T18400-10	-	1
6b	• Vapor Recovery, Medium	T18400-11	-	1
6c	• Vapor Recovery, Long	T18400-12	-	1
7	Screw, 1/4-10 X 3/4"	Q11657-187	Q12011-166	(see note 1)
8	Screw, 1/4-10 X 1-1/4"	Q11657-183	Q11824-196	2
9	Screw, 1/4 X 3/4"	Q12588-77	-	2
10	Screw, 1/4 X 1-1/4"	Q11270-196	-	2
11	Spring, Nozzle Hook	Q10226-06	-	1
12	Washer	N16599-45	-	2
13	Spring Pin	K93540-01	-	2
14	Nozzle Flap/Magnet Assembly, Push-to-start	R20713-G1 R19303-G1	R19303-G1 R19229-G1	1
15	Switch, Pump Handle	Q12514-06	Q12514-01	1
Not Shown				
-	Conversion Kits: • Lever to Push-to-start • Push-to-start to Lever	K93708-01 K93708-02	-	1
-	Screw, #6-19 X 3/8"	Q12011-13	-	1
-	Shield, Pump Handle Switch (for blenders only)	N23182-G1	-	1
-	Lock and Key (black)	Q12542-01	-	1
-	Lock and Key (chrome)	Q12542-02	-	1
-	Short Hook (plastic)	W03879-G1	-	1
-	Medium Hook (plastic)	W03879-G2	-	1
-	Long Hook (plastic)	W03879-G3	-	1
Notes: 1. Quantity varies with model. 2. All parts may not be available as spare parts.				

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3 – Electronics Cabinet Section

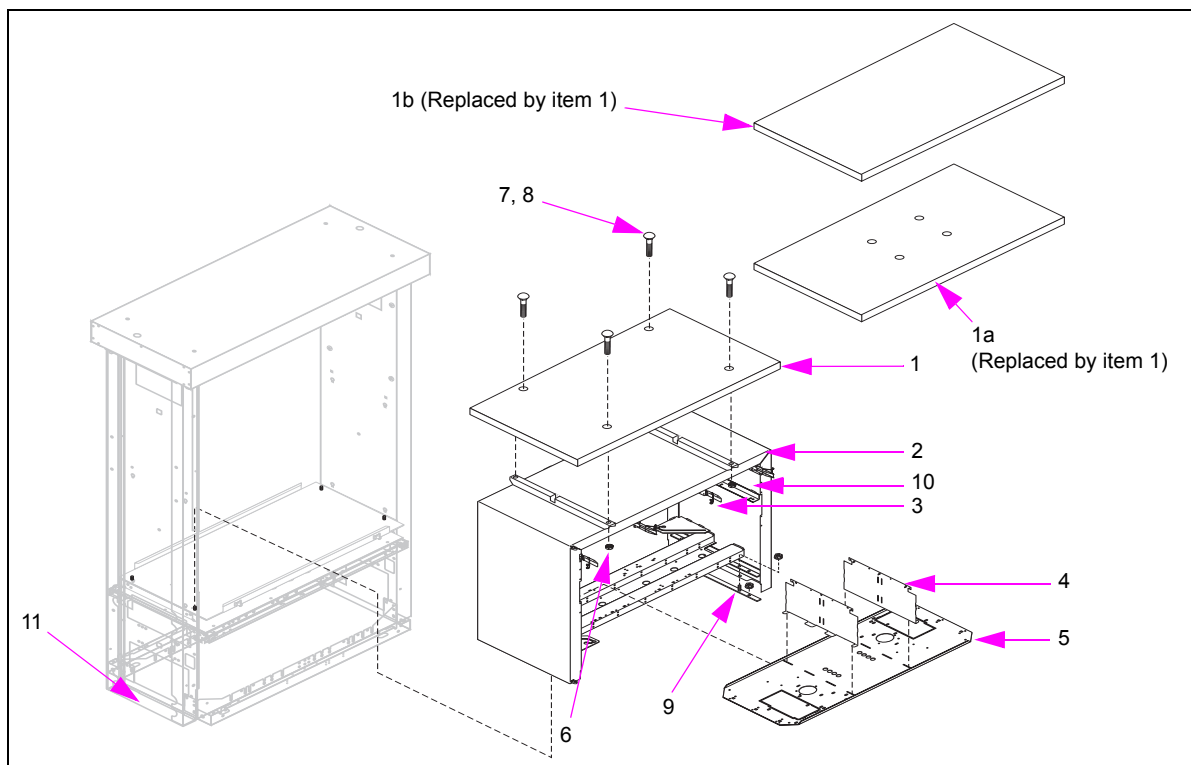
Electronics Assembly - 48-inch



Item #	Part Description	Current Part (Optimized)	Previous Part (Optimized)	Current Part (Modular)	Previous Part (Modular)	Quantity	Refer to
1	Blender Power Supply (no longer used after 4/1/99)	-		-	W02453-G4	1	"Blender Power Supply (W02453-G4)" on page 3-16
2	Main Power Supply Assembly	T19706-G3	T19706-G2	T19706-G1	T16513-G8	1	"Combined Power Supply (T19706-GX)" on page 3-15
3	CRIND Power Supply Logic Tray Assembly (single-line)	W03446-G1		-	-	1	PT-1736
4	CRIND Printer/Cutter Assembly	T20490-GX		-	T17684-GXR	2	PT-1736
5	Cash Acceptor RF	W03095-G2	M03898A001	-	-	2	PT-1736

Item #	Part Description	Current Part (Optimized)	Previous Part (Optimized)	Current Part (Modular)	Previous Part (Modular)	Quantity	Refer to
6	Draw Latch, Toggle with Wire Links: • For Slide in Mount • For Non-slide in Mount (Spare Parts Item)	Q12563-04 Q12563-01		-	-	8	-
7	Bolt Guides	R19439-01		-	-	8	-
8	Weld Nut	Q12516-01		-	-	1	-
9	Retaining Weld Nut Bracket	N23831-01		-	-	1	-
10	Screw	K85736-15		-	-	2	-
Not Shown							
-	Screw, Thread Forming, Hexagonal Washer Head	Q13292-40		-	-	2	-
-	Retainer, Screw	Q10922-02		-	-	2	-

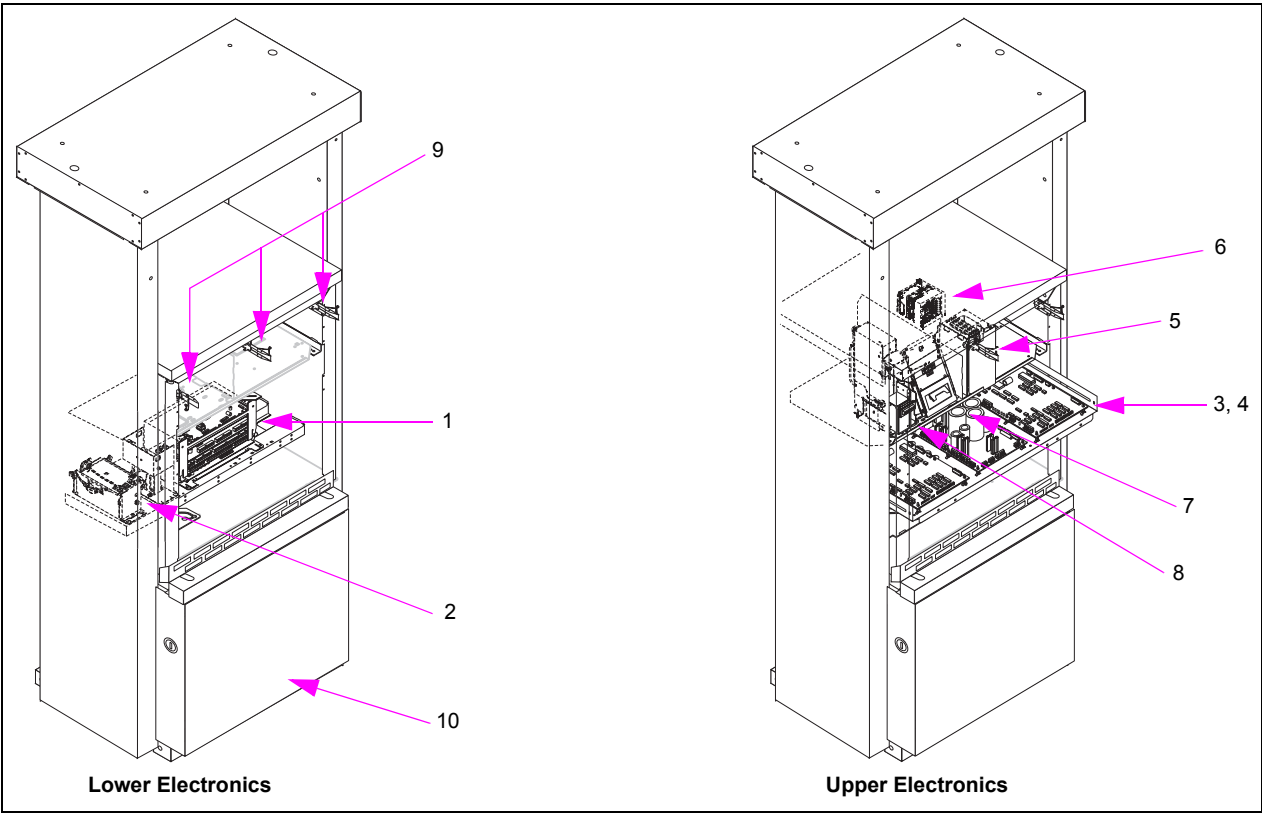
Cabinet Assembly - 48-inch



Item #	Part Description	Current Part	Previous Part	Quantity
1	Top Cover Assembly, 48" (order-entry Item) • With Pem Studs • With no Pem Studs	T18600-XX T18600-G1 T18600-01	-	1
1a	Top Cover, 48" (used from 5/93 to 7/96)	-	T18600-XX (see note 1)	1

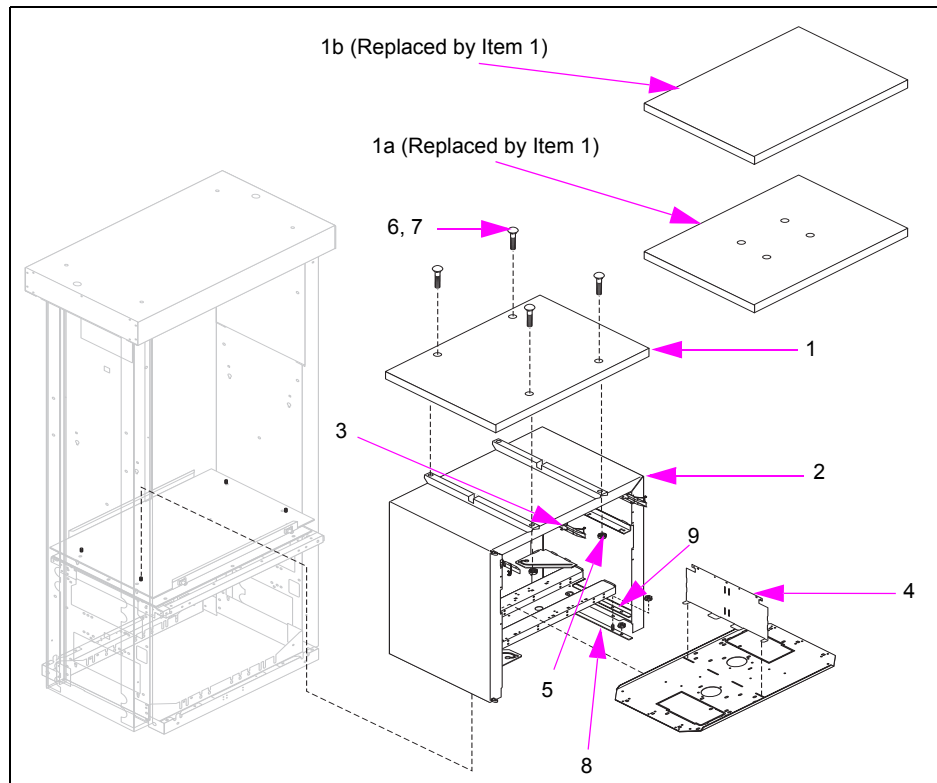
Item #	Part Description	Current Part	Previous Part	Quantity
1b	Top Cover, 48" (used from 1/91 to 5/93) kit (see note 1) (obsolete, see note 9)	-	T17569-G2	1
-	Top Plate, 48" (used with T17569-G2) (not shown)	-	T17572-G2	1
2	Chassis Kit, 48" frame (see notes 3 and 5)	K96585-01	T17502-G3	1
3	Latch Toggle, Snap-In (rivet base) (see note 4)	-	Q12563-03 Q12563-05	
	Draw Latch [clip base, see note 4 (Spare Parts Item)]	Q12563-04	Q12563-01	8
4	Center Bracket, Black	T17731-04	T17731-G3	2
5	Printer Tray, 48"	K91113-01	T18700-G3	1
6	Nut, Hexagonal, Flange Serrated, #10-24	Q11890-07	-	4
7	Bolt, Black #10-24 X 3/4" (see note 6)	K02394-50	-	4
8	Bolt, Stainless Steel #10-24 X 3/4" (see note 6)	K02394-51	-	4
9	Mounting Bracket, Lower	T20421-G1	-	1
10	Mounting Bracket, Upper	T20422-01	-	1
11	Base, Cosmetic Cover	T18585-01**XX (see note 7)	-	1
Not Shown				
-	Top Cover Bracket Kit	K96605-01	-	1
Notes: 1. Quantities per unit. 2. T17729-G2 was built from 01/91 to 05/93. T18599-G1 was built from 05/93 to 7/96. Current and previous parts cannot replace each other. 3. T17732-G3 was used on units built before 4/20/98. T20114-GX was used on units built after 4/20/98. To install new T20114 on units built before 4/20/98, order K96585-02 Kit. 4. Draw Latch Clips (Q12563-04) on unit while Latch (Q12563-01) is attached using bolts #10-32. 5. The bracket configures one required for older units before 12/22/98 to adapt the hole configuration on the current chassis. 6. Customer to use black or stainless steel bolts as required for specific Top Cover unit. 7. **XX indicates color is required. 8. All parts may not be available as spare parts. 9. No replacement.				

Electronics Assembly - 36-inch



Item #	Part Description	Current Part (Optimized)	Previous Part (Optimized)	Current Part (Modular)	Previous Part (Modular)	Quantity	Refer to
1	Main Power Supply Assembly	T19706-G3	T19706-G2	T19706-G1	T16513-G8	1	"Combined Power Supply (T19706-GX)" on page 3-15
2	CRIND Printer/Cutter Assembly	T20490-GX		-	T17684-GXR	2	PT-1736
3	Draw Latch, Toggle with Wire Links	Q12563-04		-	-	6	-
4	Base, Cosmetic Cover	T18585-01**XX (see note 1)		-	-	1	-
Not Shown							
-	Blender Power Supply (no longer used after 4/1/99)	-		-	W02453-G4	1	"Blender Power Supply (W02453-G4)" on page 3-16
-	Logic Tray Assemblies	-		-	-	-	-
Notes: 1. **XX indicates color is required. 2. All parts may not be available as spare parts.							

Cabinet Assembly - 36-inch



Item #	Part Description	Current Part	Previous Part	Quantity
1	Top Cover, 36" (order-entry Item), Color Coded	T18599-01**XX (see note 7)	-	1
1a	Top Cover, 36", Black (see note 1), Color Coded	-	T18599-XX (see note 6)	1
1b	Top Cover Assembly, 36", Black (see note 1), Color Coded	-	T17729-G2	1
2	Chassis Kit, 36" Frame (see notes 2 and 4)	K96585-02	T17732-G3	1
3	Draw Latch [clip base, see note 3 (Spare Parts Item)]	Q12563-04	Q12563-01	6
4	Center Bracket, Black	T17731-04	T17731-G3	1
5	Nut, Hexagonal, Flange Serrated, #10-24 (see note 5)	Q11890-07	-	4
6	Bolt, Black #10-24 X 3/4" (see note 5)	K02394-50	-	2
7	Bolt, Stainless Steel #10-24 X 3/4"	K02394-51	-	2
8	Mounting Bracket, Lower	T20421-G1	-	1
9	Mounting Bracket, Upper	T20422-01	-	1

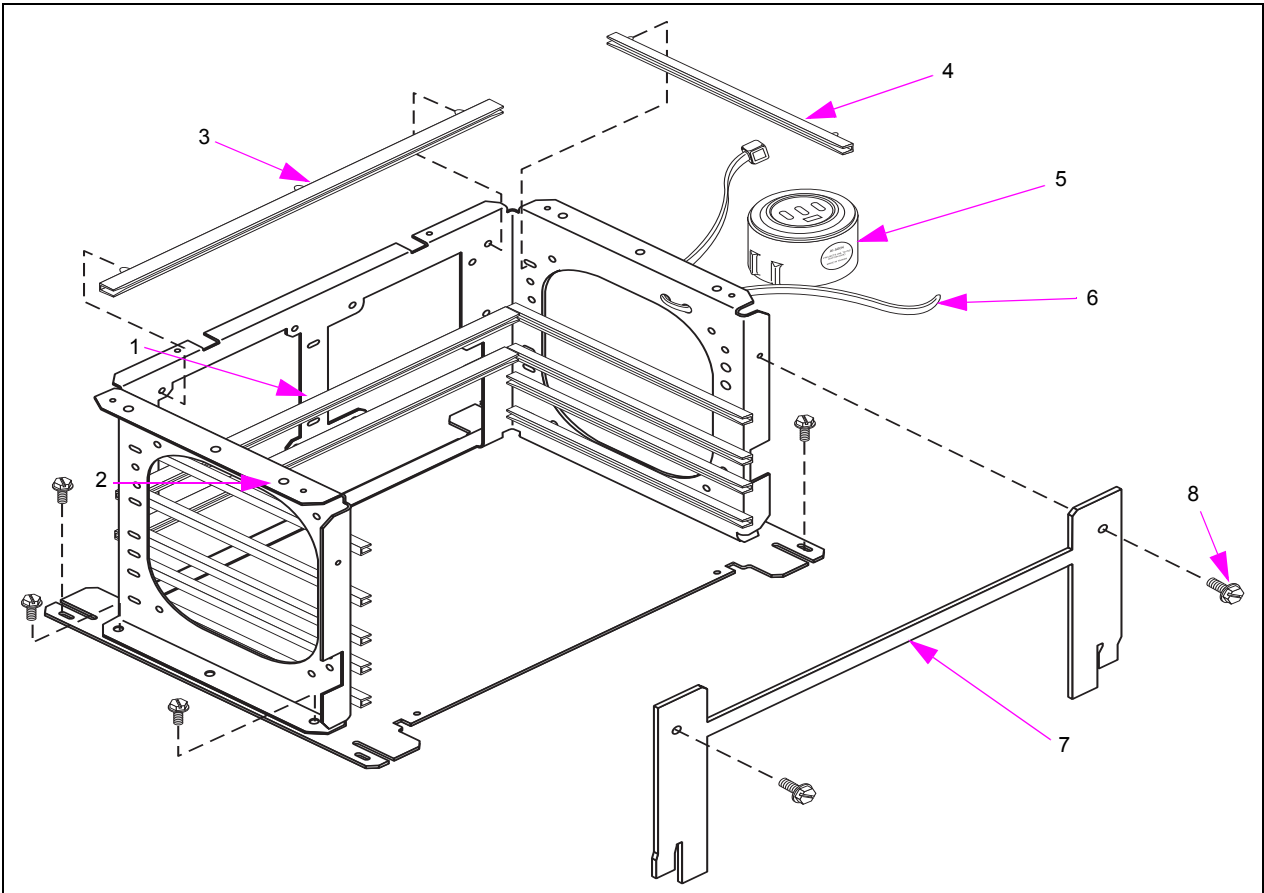
Not Shown

-	Top Plate Assembly, 36" [used with T17729-G2 (see note 1)]	-	T17728-G2	1
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Notes:

- Quantities per unit.
- T17729-G2 was built from 01/91 to 05/93. T18599-G1 was built from 05/93 to 7/96. Current and previous parts cannot replace each other.
- T17732-G3 was used on units built before 4/20/98. T20114-GX was used on units built after 4/20/98. To install new T20114 on units built before 4/20/98, order K96585-02 Kit.
- Draw Latch Clips (Q12563-04) on unit while Latch (Q12563-01) is attached using bolts #10-32.
- The bracket configures one required for older units before 12/22/98 to adapt the hole configuration on the current chassis.
- Customer to use black or stainless steel bolts as required for specific Top Cover unit.
- **XX indicates color is required.
- All parts may not be available as spare parts.

Modular Card Cage Assembly (Metal Type)

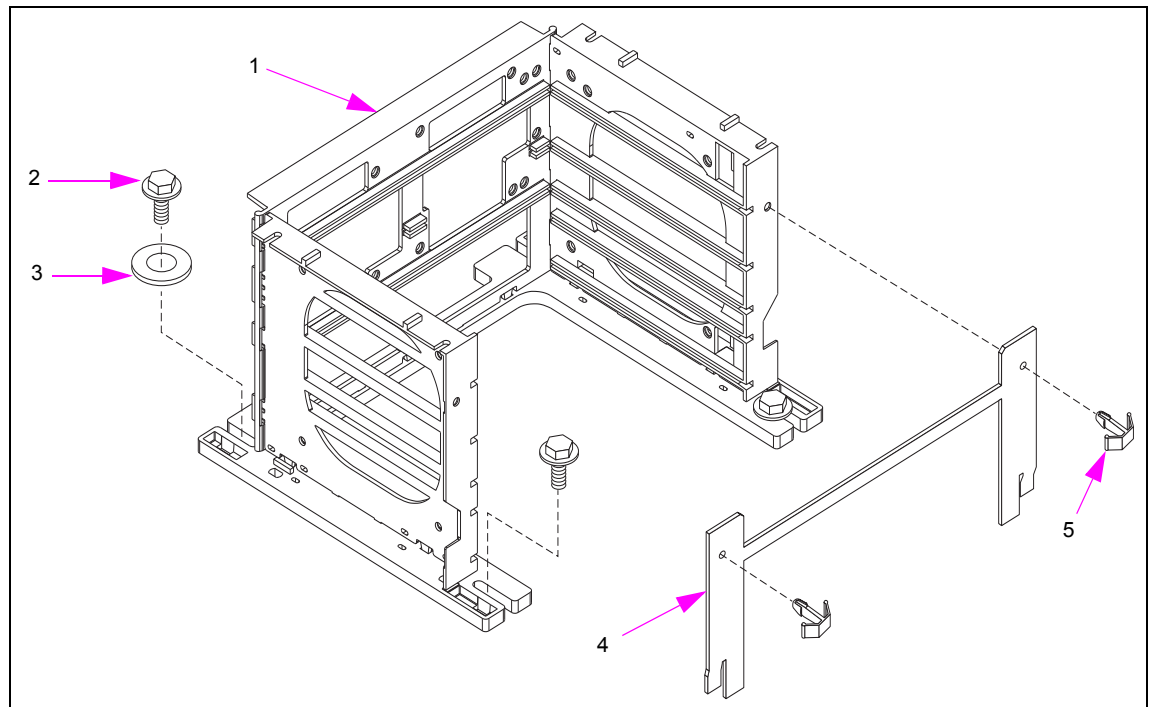


Item #	Part Description	Current Part	Previous Part	Quantity
1	Card Cage (used from 1/90 through 3/99) (see note 1)	T17288-G3	-	1
2	Screw, Hexagonal-head, Unslotted, #10-32 X 1/2"	K85736-15	-	4
3	Snap-in Card Guide, 8"	Q10233-06	-	3
4	Snap-in Card Guide, 6"	Q10233-05	-	10
5	Transducer, Audio (see note 2)	Q11763-01	-	1
6	Cable-tie (see note 2)	Q10178-07	-	1
7	Retainer Bracket	T19073-01	T19073-G1	1
8	Screw, #6-20 X 3/8"	Q11677-24	-	2

Notes:

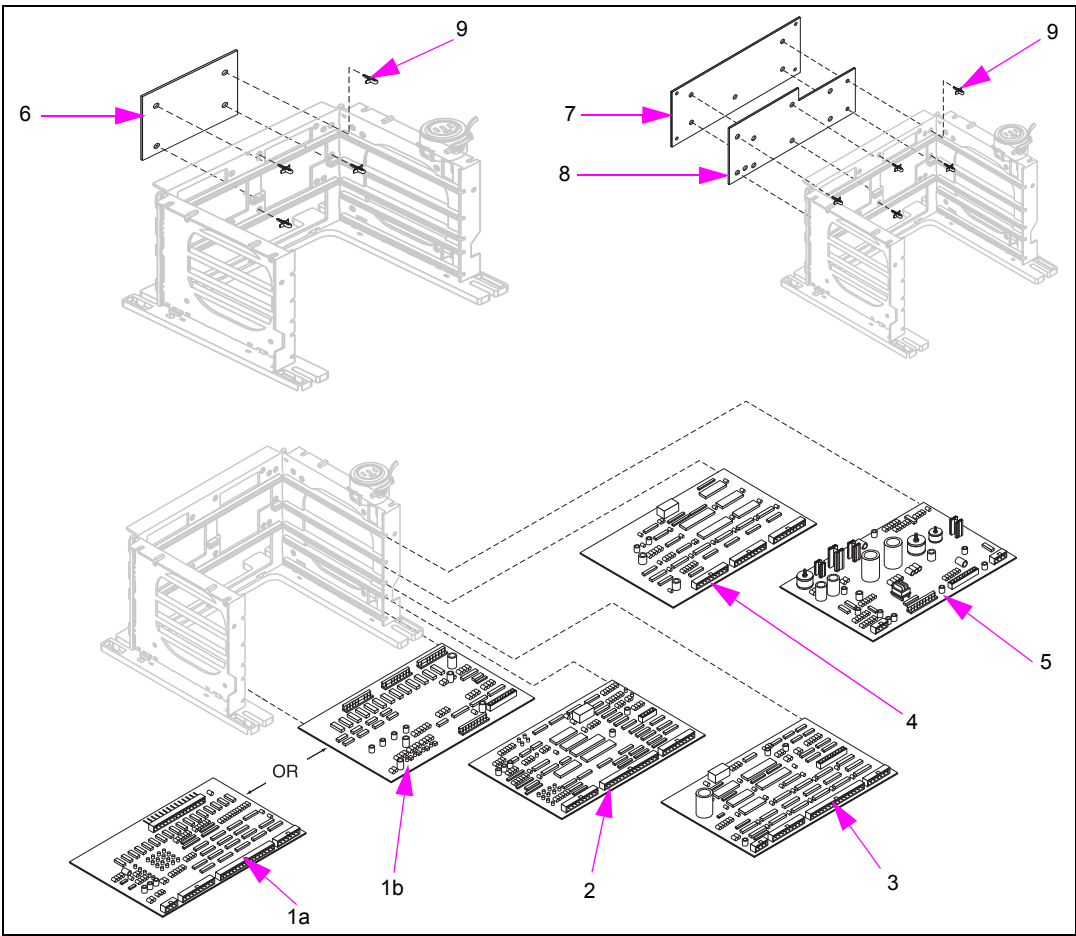
- 1. T20361-G1 (plastic) is a direct replacement for T17288-G3 except for units using VaporVac system.
- 2. Cable-tie and Transducers are not on Card Cage Assemblies (PGT18914-G37, -G39, -G41, -G43, -G44, and -G45).
- 3. All parts may not be available as spare parts.

Modular Card Cage Assembly (Plastic Type)



Item #	Part Description	Current Part	Previous Part	Quantity	G Level PGT18914-GXX
1	Plastic Card Cage	T20361-G1	-	1	G1 through G45
2	Bolt and Washer Combination	Q13702-01	-	4	G1 through G45
3	Washer, Nylon	K83513-13	-	1	G1 through G45
4	Front Bracket	T20361-05	-	1	G1 through G45
5	Stand-off	Q13701-01	-	2	G1 through G45

Modular Card Cage PCBs



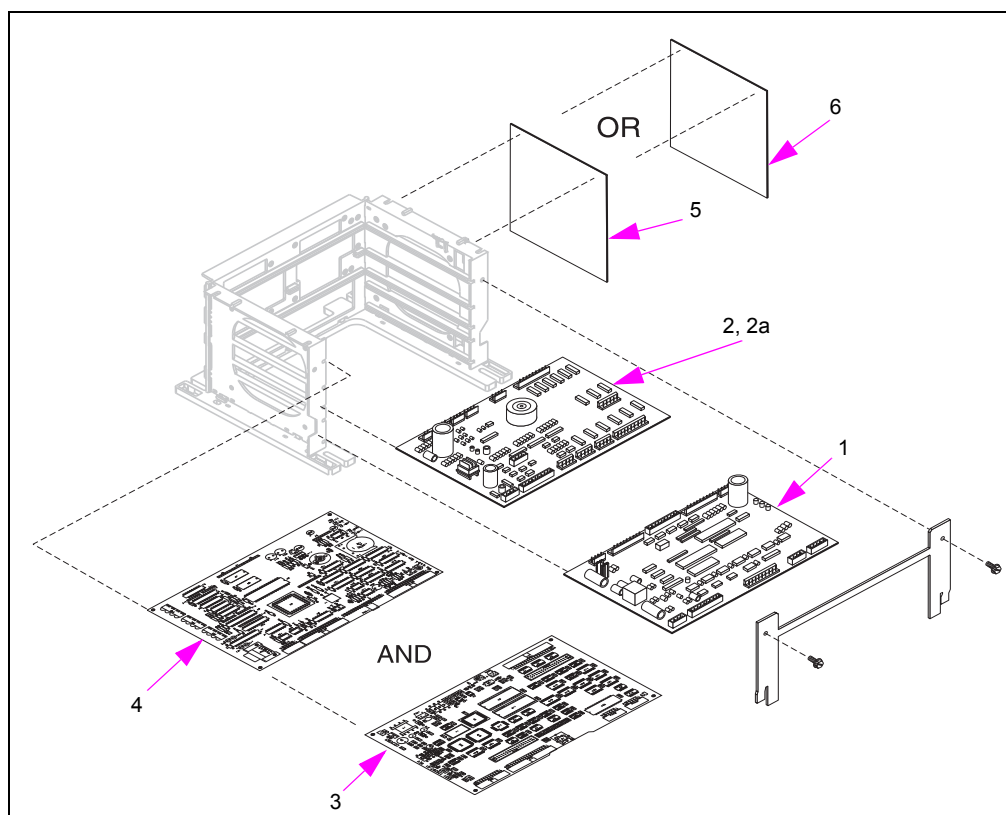
Item #	Part Description	Current Part	Previous Part	Quantity	G Level
1a	Hydraulic Interface Board (MPDs)	T18024-G2	-	1	G1, G5, G6, G10, G33, G34, G35, G36
1b	Valve Driver Board (blenders)	T17461-G2	-	1	G3, G8
2	Hydraulic Interface Board (blenders)	T18156-G1	-	1	G3, G8
3	Pump Controller Board (see note 3)	T20005-G4	T18202-G4	1	G1, G3, G5, G6, G8, G10
4	PPP Board (see notes 3 and 5)	T17331-G3	-	1	G6, G8, G10
5	Main Regulator Board	T17723-G1	T17723-G2	1	G1, G3, G5, G6, G8, G10, G33, G34, G35, G36
6	Grade Select Board (1 to 3-grades) (see note 8)	T19756-G1	-	1	G5, G10, G15, G20, G23, G26, G29, G32 G35, G36

Item #	Part Description	Current Part	Previous Part	Quantity	G Level
7	Grade Select Board (4-grades)	T19800-G1	-	1	G5, G10, G35, G36
8	Submersible Turbine Pump (STP) Driver Bracket	R19776-02	-	1	G5, G10, G35, G36
9	Circuit Board Support, 1/4" (see note 7)	Q10651-02	-	1	G5, G10, G35, G36, G39, G41, G44, G45

Notes:

1. Card Cage Assembly (PGT18914-GXX) includes Items 1 through 10. G Level column lists specific dash numbers for each Card Cage Assembly. For additional parts, refer to ["Modular Card Cage Assembly \(Plastic Type\)"](#) on [page 3-7](#).
2. For latest board configurations, refer to ["Modular Card Cage Board Configurations"](#) on [page 3-10](#).
3. Use T17331-G4 and T18202-G5 for European models. T18202-G5 has been replaced by T20005-G5, Item 10.
4. T17723-G2 used for new units.
5. This position is used for T19501-G1 board when monochrome is used.
6. T20005-G5 is non-illustrated. CE European use only.
7. Circuit Board Support is used for both modular and optimized units. Quantities will vary between the two units. Use quantity of 8 on circuit boards -G5, -G10, -G35, -G36; use quantity of 4 on circuit boards -G39, -G41, -G44, -G45.
8. Grade Select Board (T19756-G1) used only with modular units.
9. All parts may not be available as spare parts.

Optimized Electronics Card Cage PCBs



Item #	Part Description	Current Part	Previous Part	Quantity	Card Cage Assembly PGT18914-GXX (obsolete, see note 5)
1	Pump Interface Assembly	T20076-G3	T20076-G1	1	G37, G39, G41, G43, G44, G45
2	Pump Controller Board (see note 2)	T20011-G1	-	1	G37, G39, G41
2a	Pump Controller Board (see note 2)	T20011-G2	-	1	G43, G44, G45
3	Optimum Automatic Temperature Compensation (ATC) Control, Printed Circuit Assembly (PCA) (Canada only) (see note 3)	T20569-G1	-	1	G44
4	Optimum Monochrome CPU (see note 3)	T19501-G2	T19501-G1	1	(see note 3)
5	Optimum Relay PCB (see note 4)	T20284-G1	-	1	G41, G45
6	Optimum Grade Select PCB	T20275-G1	-	1	G39, G44
Not Shown					
-	Plastic Card Cage Assembly (see note 1)	T20361-G1	-	1	G1 through G45
Notes: 1. For latest board configurations, refer to "Optimized Card Cage Board Configurations" on page 3-11. 2. T20287-G1 and T19501-G2 are optional boards. 3. T20284-G1 is used with six-hose Blender. 4. All parts may not be available as spare parts. 5. No replacement.					

Modular Card Cage Board Configurations

Unit Description (see note 1)	PPP	ATC	Hose Outlet	Use Board Item # (see note 2)	Part Number (PGT18914-GXX) (MFG only) (obsolete, see note 5)	Replaced P/N (see note 3)
Blenders						
36" SB, 48" SB or FB	-	-	Other	1b, 2, 3, 5	-G3	-
36" SB, 48" SB or FB	Yes	-	Other	1b, 2, 3, 4, 5	-G8	-
36" SB, 48" SB or FB	-	-	VaporVac	1b, 2, 3, 5	-G13	replaced by -G3
36" SB, 48" SB or FB	Yes	-	VaporVac	1b, 2, 3, 4, 5	-G18	replaced by -G8
36" SB, 48" SB or FB	-	Yes	Other	1b, 2, 3, 5	-G22	replaced by -G3
36" SB, 48" SB or FB	Yes	Yes	Other	1b, 2, 3, 4, 5	-G25	replaced by -G8
36" SB, 48" SB or FB	-	Yes	VaporVac	1b, 2, 3, 5	-G28	replaced by -G3
36" SB, 48" SB or FB	Yes	Yes	VaporVac	1b, 2, 3, 4, 5	-G31	replaced by -G8
Non-Blenders						
36", 48" Dispenser or Pump, 1-3 grades	-	-	Other	1a, 3, 5	-G1	-
48" Dispenser, 4-grades	-	-	Other	1a, 3, 5, 6, 7, 9	-G5	-
36", 48" Dispenser or Pump, 1-3 grades	Yes	-	Other	1a, 3, 4, 5	-G6	-
48" Dispenser, 4-grades	Yes	-	Other	1a, 3, 4, 5, 6, 7, 9	-G10	-
36", 48" Dispenser or Pump, 1-3 grades	-	-	VaporVac	1a, 3, 5	-G11	replaced by -G1
48" Dispenser, 4-grades	-	-	VaporVac	1a, 3, 5, 6, 7, 9	-G15	replaced by -G5
36", 48" Dispenser or Pump, 1-3 grades	Yes	-	VaporVac	1a, 3, 4, 5	-G16	replaced by -G6
48" Dispenser, 4-grades	Yes	-	VaporVac	1a, 3, 4, 5, 6, 7, 9	-G20	replaced by -G10
36", 48" Dispenser or Pump, 1-3 grades	-	Yes	Other	1a, 3, 5	-G21	replaced by -G1
48" Dispenser, 4-grades	-	Yes	Other	1a, 3, 5, 6, 7, 9	-G23	replaced by -G5

Unit Description (see note 1)	PPP	ATC	Hose Outlet	Use Board Item # (see note 2)	Part Number (PGT18914-GXX) (MFG only) (obsolete, see note 5)	Replaced P/N (see note 3)
36", 48" Dispenser or Pump, 1-3 grades	Yes	Yes	Other	1a, 3, 4, 5	-G24	replaced by -G6
48" Dispenser, 4-grades	Yes	Yes	Other	1a, 3, 4, 5, 6, 7, 9	-G26	replaced by -G10
36", 48" Dispenser or Pump, 1-3 grades	-	Yes	VaporVac	1a, 3, 5	-G27	replaced by -G1
48" Dispenser, 4-grades	-	Yes	VaporVac	1a, 3, 5, 6, 7, 9	-G29	replaced by -G5
36", 48" Dispenser or Pump, 1-3 grades	Yes	Yes	VaporVac	1a, 3, 4, 5	-G30	replaced by -G6
48" Dispenser, 4-grades	Yes	Yes	VaporVac	1a, 3, 4, 5, 6, 7, 9	-G32	replaced by -G10
36", 48" Dispenser or Pump, 1-3 grades (European) (obsolete, see note 5)	-	-	Other	1a, 5, 10	-G33	-
36", 48" Dispenser or Pump, 1-3 grades (European) (obsolete, see note 5)	Yes	-	Other	1a, 5, 10	-G34	-
48" Dispenser, 4-grades (European) (obsolete, see note 5)	-	-	Other	1a, 5, 6, 7, 9, 10	-G35	-
48" Dispenser, 4-grades (European) (obsolete, see note 5)	Yes	-	Other	1a, 5, 6, 7, 9, 10	-G36	-

Notes:
1. FB = Fixed Blender. SB = Selectable Blender.
2. For board definitions and part number, refer to "Modular Card Cage Board Configurations" on page 3-10.
3. This column shows a list of all part numbers (P/N) that are replaced with another dash (-) number.
4. All parts may not be available as spare parts.
5. No replacement.

Optimized Card Cage Board Configurations

Unit Description	PPP	ATC	Hose Outlet	Use Board item # (see note 1)	Part Number (PGT18914-GXX) (MFG only) (obsolete, see note 3)
Blenders					
Advantage with Optimized Electronics X + 1, 4 + X, 5 + X (obsolete, see note 3)	Yes	-	-	1, 2, 6, 9	-G39
Advantage with Optimized Electronics Six-hose (obsolete, see note 3)	Yes	-	-	1, 2, 5, 9	-G41
Advantage with Optimized Electronics X + 1, 4 + X, 5 + X (CE European) (obsolete, see note 3)	Yes	-	-	1, 2a, 6, 9	-G44
Advantage with Optimized Electronics Six-hose (CE European) (obsolete, see note 3)	Yes	-	-	1, 2a, 5, 9	-G45
Non-Blenders					
Advantage with Optimized Electronics 3-grades (obsolete, see note 3)	Yes	-	-	1, 2	-G37
Advantage with Optimized Electronics 3-grades (CE European) (obsolete, see note 3)	Yes	-	-	1, 2	-G43

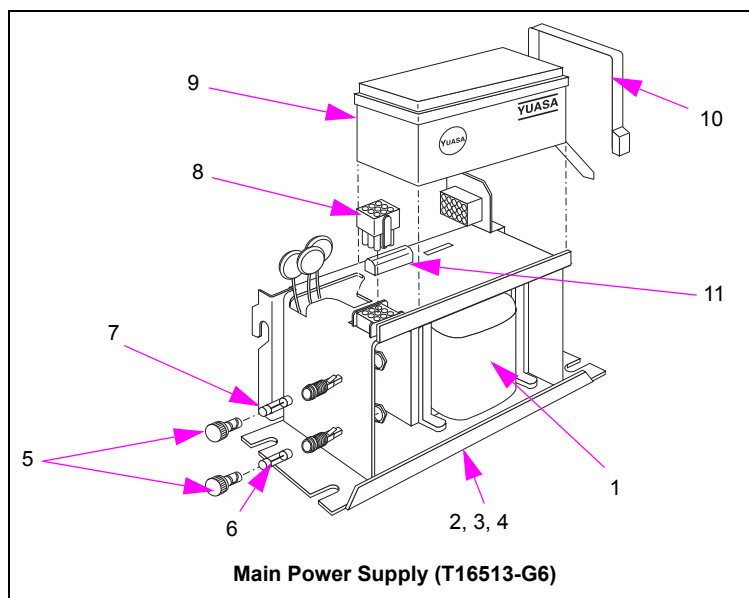
Notes:
1. For board definitions and part numbers, refer to "Optimized Card Cage Board Configurations" on page 3-11.
2. All parts may not be available as spare parts.
3. No replacement.

Main Power Supply Distribution

For this Period	The Advantage model	Requires This Power Supply	G Level	Has These Features	Interchangeable With
Before 7/97	Modular	T16513*	-G6	Supplies backlight power and has battery	None
	Modular and 4 X 4	K94441-01	-G8	Uses IDC connectors and does not use battery	K94441-01 except 4 X 4
8/97-7/98	All, except 4 X 4 and Optimized Electronics	T19706	-G1	- Combine CRIND and main power supplies. - Direct replacement for T16513-G8 with K94441-01 Kit. - Not interchangeable with -G3. 60 V	None
4/1/99	With Optimized Electronics		-G3	- Combine CRIND and main power supplies. - Not interchangeable with -G1. 24 V	None
-	4 X 4			Direct replacement for T16513-G8 with K94434-01 Kit. (obsolete, see note 3)	-
7/97	4 X 4 and Optimum	T19868	-G1	Combined power supply replaces T16513-G8	None

Notes:
1. *Q11955-01 Battery is replaceable for T16513-G5 and -G6. (T16513-G5 is obsolete and no replacement.)
2. All parts may not be available as spare parts.
3. K94434-01 is obsolete and no replacement.

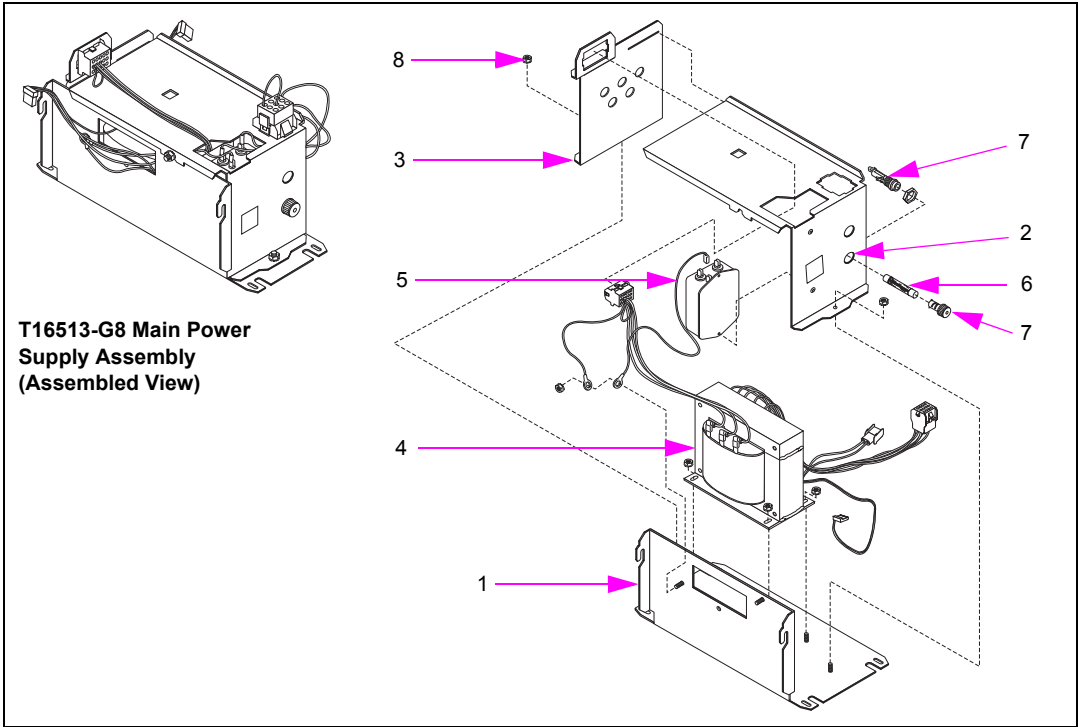
Main Power Supply (T16513-G6)



Item #	Part Description	T16513-G6	T16513-G5 (obsolete, see note 4)	Quantity
1	Transformer Subassembly	Q12939-02	Q12190-01	1
2	Power Supply Bracket, Top	T17478-G2	-	1
3	Power Supply Bracket, End	T17479-G2	-	1
4	Power Supply Bracket, Base	T17477-G2	-	1
5	Fuse Holder Assemblies	Q11781-01	-	2
6	Fuse, 3 A, 250 V	Q10131-03	-	1
7	Fuse, 4 A, 250 V	Q10131-26	-	1
8	Variable Voltage Plug (order-entry Item)	N21120-GXX	-	1
9	Battery, Lead Acid 2.5 AH	Q11955-01	-	1
10	Cable-tie	Q10178-06	-	1
11	Resistor	K89231-07	-	1
Not Shown				
-	Fuse Decal	R16795-34	R16795-31	1
-	Main Power Supply Assembly (see note 1)			
	• 09/93 to 10/95	-G6	-	-
	• Before 09/93	-	-G5	-
Notes: 1. Quantities per main power supply. 2. Assembly includes Items 1 through 13. 3. All parts may not be available as spare parts. 4. T16513-G5 is obsolete and no replacement.				

Main Power Supply (K94441-01)

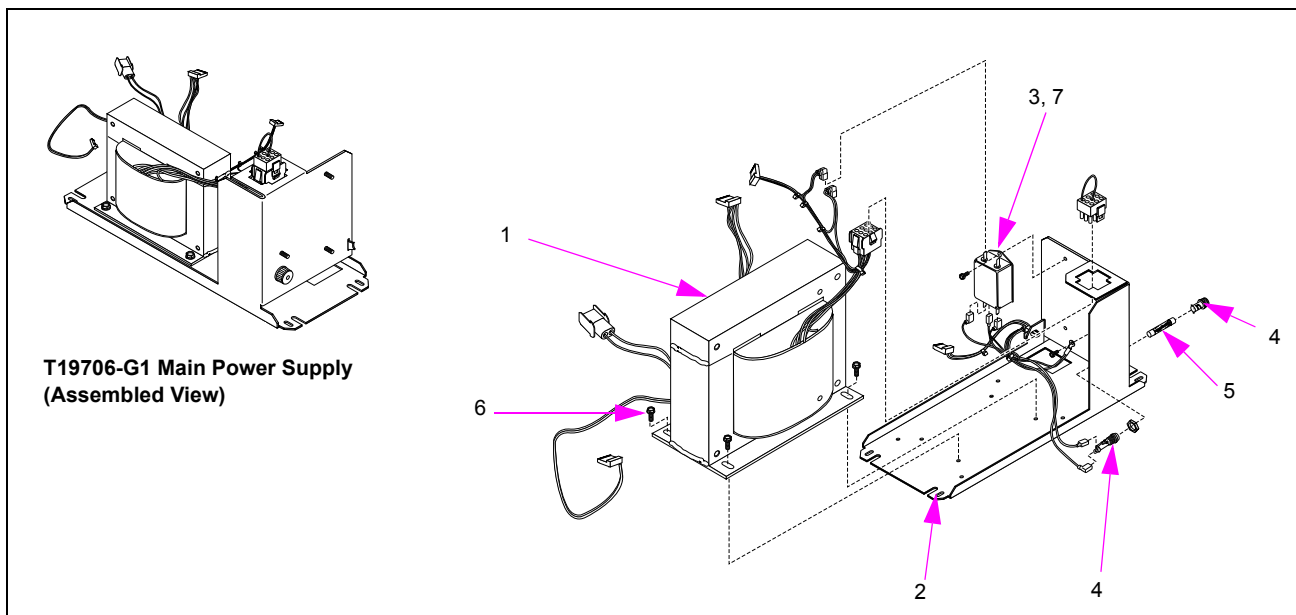
Note: Replaced by “Main Power Supply Distribution (T19706-G1)” in 08/97. Refer to “Combined Power Supply (T19706-GX)” on page 3-15.



Item #	Part Description	Current Part	Previous Part	Quantity
Not Shown				
-	Main Power Supply Assembly			
	• 10/95 to 08/97 (see notes 1 and 2)	K94441-01	-	1
Notes:				
1. Quantities per main power supply.				
2. Main Power Supply Assembly includes Items 1 through 8.				
3. All parts may not be available as spare parts.				

Combined Power Supply (T19706-GX)

Note: Released in 08/97. Replaces "Main Power Supply (K94441-01)".



Item #	Part Description	Current Part	Previous Part	Quantity
1	Transformer Subassembly	T19706-G1	-	1
2	Power Supply Base Bracket (see note 5)	T19696-01	-	1
3	Filter	Q10895-07	-	1
4	Fuse Holder Assembly	Q11781-01	-	1
5	Fuse, 5 A, 250 V	Q10131-04	-	1
6	Screw, #10-32 X 1/4"	K85736-14	-	4
7	Screw, #8-32 X 1/4" (obsolete, see note 7)	-	K85736-13	3

Not Shown

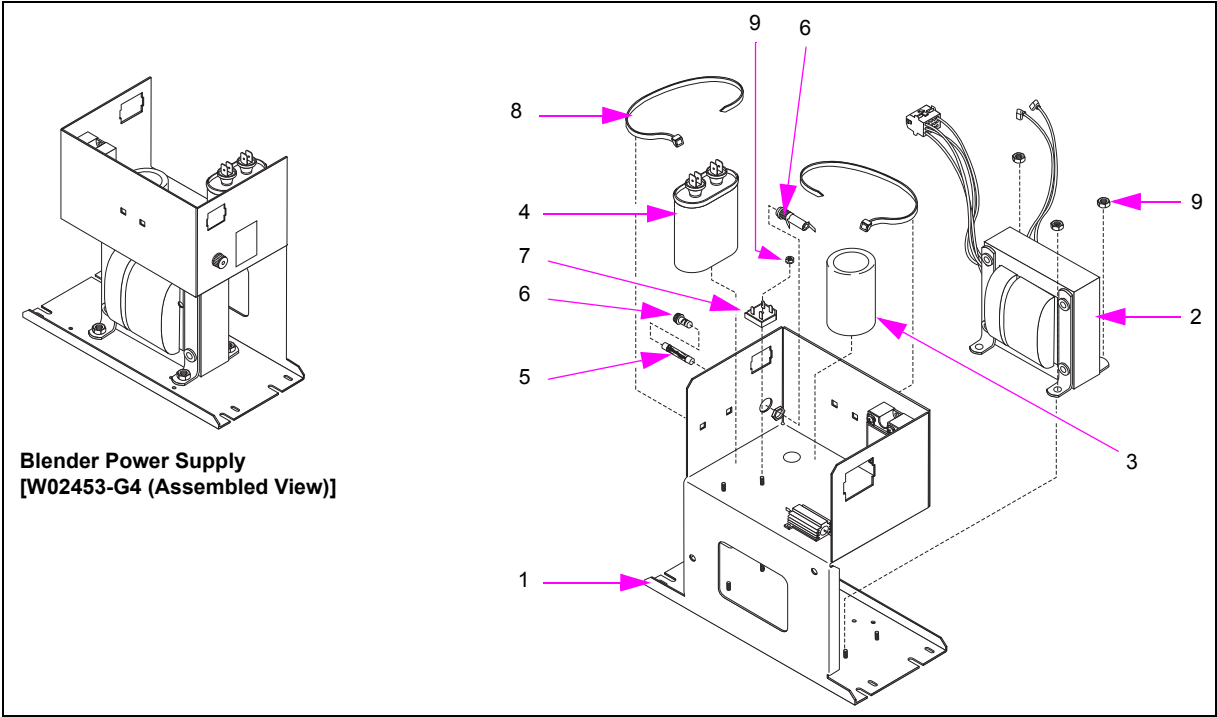
-	Fuse Decal	R16795-45	-	1
-	Combined Power Supply Assembly (see note 1)	-	-	-
	• 4/99 to Present (see note 3)	T19706-G3	T19706-G2	1
	• 08/97 to Present (see note 2) – part of K94441-01	T19706-G1	T16513-G8	1

Notes:

- Quantities per combined power supply.
- Combined Power Supply assembly includes Items 1 through 8. Replaces Main Power Supply Assembly (T16513-G8).
- Power Supply (T19706-G1) built after 7/97. Used on all Advantage models except 4 X 4 and Optimized Electronic units.
- Power Supply (T19706-G2) built after 8/98; replaced by T19706-G3 beginning in 2/00. Used on 4 X 4 and Optimized Electronic units.
- Power Supply Base Bracket (T19696-01) is not sold individually. It is sold as a part of T19706-G1.
- All parts may not be available as spare parts.
- No replacement.

Blender Power Supply (W02453-G4)

Note: Replaces “Blender Power Supply (W02453-G2)”.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Power Supply Chassis	W03459-G2	-	1
	Decal, Fuse	R16795-25	-	1
2	Valve Driver Assembly	R18988-G1	-	1
3	Capacitor, 2100 MF, 75 VDC	Q10271-31	-	1
4	Capacitor, 2 MF, 600 VAC	Q12018-01	-	1
5	Time-delay Fuse, 4 A, 250 VAC	Q10131-37	-	1
6	Fuse Holder	Q11781-01	-	2
7	Bridge Rectifier	Q10459-03	-	1
8	Cable-tie	Q10178-05	-	2
9	Nut, Hexagonal, #8-32	Q12068-03	-	6
Not Shown				
-	Blender Power Supply Assembly (see note 1)			
-	• Units Manufactured Before 4/99 (see notes 2 and 3)	W02453-G4	W02453-G2	1
Notes: 1. Assembly includes Items 1 through 9. Used in Advantage Series blenders. 2. For units built after 4/99 with Optimized Electronics, refer to T19706-G3, “ Combined Power Supply (T19706-GX) ” on page 3-15 . 3. Power Supply (W02453-G2) is inactive since 1995. 4. All parts may not be available as spare parts.				

4 – Cable Assemblies Section

AC Power Distribution (Conduit to Power Supplies)

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
02/91 to 10/95	Refer to "Main AC Harness" on page 4-4.	-	-
10/95 to Present			
• Dual, Quad, and 6-hose MPD	T19612-G2	-	J404, J550, J551, J601, J708, P401
• 8-hose MPD	T19612-G2	-	J404, J550, J551, J601, J708, P401
• Blender	T19612-G2	-	J404, J550, J551, J601, J708, P401

ATC

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Pump Main Regulator to Pump, ATC, and VaporVac Controllers	R17995-G7	R17995-G6	J201, J301, J501, J1104
ATC Controller to Manager's Keypad	R19023-G2	-	J203, J901
Pump Controller Splitter	R19527-G1	-	J204, P204A, P802
Hydraulic Interface to VaporVac and ATC Controllers (see note)	R19665-G4	-	J105, J305, J1103
ATC Controller to Pump Controller	R19667-G1	-	-
ATC Controller to Conduit	R20128-G1	-	J307
ATC Controller to Pump Controller	R20146-G1	-	J203, J303
T-meter Box to			
• Side A Probes	R20148-G1	-	J200, J202, PTP1, PTP2, PTP3, PTP4
• Side B Probes	R20148-G2	-	J200, J202, PTP5, PTP6, PTP7, PTP8
IS Barrier to R20147-G1	R20150-G1	-	-
ATC Controller J101 Splitter			
• Blenders (obsolete, see note 2)	-	T19483-G1	J101A, J101B, J306, P101A, P101B
• Non-blender, 1-3 grade (obsolete, see note 2)	-	T19483-G2	J101A, J101B, J306, P101A, P101B
• Non-blender, 4-grade (obsolete, see note 2)	-	T19483-G3	J101A, J101B, J104A, J104B, J306, P101A, P101B, P104A, P104B
ATC Controller to Main Displays			
• 06/90 to 08/96 (Spare Parts Item)	T17528-G1	-	J204, J801A/B
• 08/96 to Present	W03602-G1	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909

Notes:

1. Contact a Gilbarco representative before ordering part.
2. No replacement.

Backlight Distribution

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Before 10/93	-	W02867-G2 (obsolete, see note 1) W02867-G1 (obsolete, see note 1)	J124A1, J124A2, J124B1, J124B2, J133A1, J133A2, J133B1, J133B2, P302, WT
10/93 to 10/96	-	W02867-G2 (obsolete, see note 1)	J124A1, J124A2, J124B1, J124B2, J133A1, J133A2, J133B1, J133B2, P302, WT
8/96 to Present	W03602-G1 (see note 2)	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909
Notes: 1. No replacement. 2. Contact a Gilbarco representative before ordering part.			

Beeper

Refer to “Pulser” on [page 4-7](#).

Brand Panel Lighting

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
06/90 to 05/91			
• Ballast to Side A Bezel	T19019-G1	-	P900A, WT
• Ballast to Side B Bezel	T19019-G2	-	P900B, WT
• (Bezel) (obsolete, see note)	-	W02478-G1	J900, XDS
02/91 to 08/92			
• (Bezel) (obsolete, see note)	-	T18690-G1	J900, J903A, J903B, J903C, J903D
• (Bezel) (obsolete, see note)	-	T18690-G2	J900, J903A, J903B, J903C, J903D
04/92 to 07/93			
• Ballast to Side A Bezel	T19019-G1	-	P900A, WT
• Ballast to Side B Bezel	T19019-G2	-	P900B, WT
07/93 to Present			
• Ballast to Lamp Side A	T19019-G1	-	WT, XDS
• Ballast to Lamp Side B	T19019-G2	-	WT, XDS
Note: No replacement.			

Call Button

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Conduit to Switch (production units only)	R20393-G1	-	A-A, B-B, P555
Pump Controller to Bezels (retrofit kits only) (see note)	T18685-G1	-	J204, P141A, P141B, P204A
Bezel to Switch (retrofit kits only) (see note)	R19542-G3	-	J141
<i>Note: Contact a Gilbarco representative before ordering part.</i>			

Cash/Credit

Refer to “[Grade Select \(Cash/Credit\)](#)” on [page 4-3](#).

Five-button Preset with Pump Stop (Membrane)

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Five-button Preset (obsolete, see note)	-	T19355-G2	J202, P130A, P130B, P202A
Calibration Switch	R19527-G1	-	J204, P204A, P802
Pump Stop	T19336-G2	-	-
<i>Note: No replacement.</i>			

Grade Select (Cash/Credit)

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Bezel to Grade Select Switches (08/91 to 06/96)			
• 48", MPD Single-hose	K94417-01	W02501-G3	-
• 36" and 48" Selectable Blender with Soda Buttons	K94417-01	W02501-G4	-
Bezel to Grade Select Switches (06/93 to 06/96)			
• 48", 2 and 3-grade	K94417-01	-	J136A, J136B, J136C, J140
• 48", 4-grade	K94417-01	W02501-G2	-
• 36", 1 and 2-grade	K94417-01	W02501-G5	-
• 36" and 48" Selectable Blender with Cash/Credit	K94417-01	W02501-G6	-
• 48", 4-grade Single-hose +1	K94417-01	W02501-G7	-
Pump Controller to Bezel			
• 11/95 to Present (obsolete, see note)	-	W03490-G2	G1A, G2A, G3A, G4A, G5A, G6A, G1B, G2B, G3B, G4B, G5B, G6B, J202, P1
Pump Controller to T17696-G1 Cable			
• 06/93 to 10/94	T18549-G2	-	J139A, J202

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
• 10/94 to Present	T18549-G2	-	J139A, J202
Pump Controller to Customer Interface			
• 06/96 to Present	R20311-G1	-	J202, J202A
Customer Interface to			
• Main Access Door (06/90 to 05/93)	T17603-G1	-	J139, P140
• Bezel (08/91 to 06/96)	T17696-G1	-	J139, P140A, P140B
• Membrane Switch (06/96 to present)	T19731-G1	-	J136, J139
• Soda Button Switch (06/96 to present)	T19731-G2	-	J139
<i>Note: No replacement.</i>			

Main AC Harness

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
02/91 to 10/95			
• 48" MPD (except 4-grade), 36" Dual, 36" Quad, and Single-hose X + 0 (Spare Parts Item)	W02468-G4	W02468-G1	E1, J103, J305, J401, J502, J601, P550, P604, P920A, P920B, WT-1, WT-2, J103
• 36" and 48" Blender (Spare Parts Item)	W02468-G6	W02468-G3	E1, J305, J401, J502, J601, J701, J703, J704, J705, J708, P550, P920A, P920B, P923A, P923B, P924LA, P924LB

Main DC Harness

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
48" MPD (except 4-grade), 36" Dual, 36" Quad, and Single-hose X + 0			
• 06/90 to 08/96 (obsolete, see note)	-	W02469-G4 W02469-G1	BUZZ, J101, J402, J407, J504, J911A, J911B, J921A, J921B
• 08/96 to Present	W03601-G1	-	BUZZ, J101, J101J, J407, J504, J909, J921A1, J921A2, J921A3, J921B1, J921B2, J921B3, P402
36" and 48" Blender			
• 08/96 to Present	W03601-G2	-	BUZZ, J101, J504, J909, J921A2, J921B2, J921HA, J921HB, J921LA, J921LB, P402
<i>Note: No replacement.</i>			

Main Display Backlight

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
06/90 to 08/96 (obsolete, see note)	-	T17550-G2	P113A, P133B, J802A, J802B, J802C
08/96 to Present	W03602-G1	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909
<i>Note: No replacement.</i>			

Main Display Data

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Pump Controller to Displays, 06/90 to 08/96 (Spare Parts Item)	T17528-G1	-	J204, J801
Main Interface, 08/96 to Present	W03602-G1	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909

Main Regulator

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Main Power Supply to Main Regulator (60 VAC)			
• 06/90 to 10/95	Refer to "Main AC Harness" on page 4-4 .	-	-
• 10/95 to present (see note 1) (obsolete, see note 2)	-	R20210-G2	J502, J606
Main Regulator to Pump Controller			
• 06/90 to 03/96 (no options)	R17995-G7	R17995-G1	J201, J301, J501, J1104
• 04/94 to 01/96 (VaporVac)	R17995-G7	R17995-G2	J201, J301, J501, J1104
• 01/95 to 02/96 (ATC)	R17995-G7	R17995-G6	J201, J301, J501, J1104
• 01/96 to Present (VaporVac and ATC)	R17995-G7	R17995-G7	J201, J301, J501, J1104
<i>Notes:</i> 1. Contact a Gilbarco representative before ordering part. 2. No replacement.			

Manager's Keypad

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Pump Controller to Keypad			
• 06/90 to 09/91	R19023-G2	-	J901, J203
• 08/91 to 08/96	R19023-G2	-	J901, J203
Main Interface, 08/96 to Present	W03602-G1	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909

PPU Backlight

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
3-grade MPD			
• 06/90 to 04/91 (obsolete, see note 2)	-	T17557-G3 T17557-G1	P124A, P124B, J122A, J122B, J122C, J122D, J122E, J122F
• 05/91 to 08/96 (obsolete, see note 2)	-	T17557-G3	P124A, P124B, J122A, J122B, J122C, J122D, J122E, J122F
• 08/96 to Present	T19790-G3	-	J122A, P124
4-grade MPD			
• 10/91 to 08/96 (see note 1) (obsolete, see note 2)	-	T17557-G4	P124A, P124B, J122A, J122B, J122C, J122D, J122E, J122F, J122G, J122H
• 08/96 to Present	T19790-G1	-	J122A, P124
Blender			
• 08/91 to 08/96 (Spares) (see note 1) (obsolete, see note 2)	-	T17557-G5	P124, J122A, J122B, J122C, J122D, J122E, J122F
• 08/96 to Present	T19790-G1	-	J122A, P124
Dual and Quad			
• 08/96 to Present (see note 1)	T19790-G2	-	J122A, P124
<i>Note:</i> 1. Contact a Gilbarco representative before ordering part. 2. No replacement.			

PPU Data

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
06/90 to 08/96			
• 48", 3-grade, 06/90 to 08/96	T17536-G1	-	J121, J804
• 02/91 to 12/91	T17536-G1	-	J121, J804
• Selectable Blender, 08/91 to 08/94	T17795-G1	-	J121, J804
• 48" Selectable Blender, 08/94 to 08/96	T17536-G6	-	J121, J804
• 36" Selectable Blender, 08/94 to 08/96	T17536-G7	-	J121, J804
08/96 to Present			
• 48", 3-grade	T19793-G3	-	J121, J804
• 48", 4-grade	T19793-G1	-	J121, J804
• 36", Dual/Quad	T19793-G2	-	J121, J804

PPP

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
PPP Controller to Keypad/Display	R19206-G1	-	J412, J413, J612
Pump Controller to PPP Controller			
• 03/91 to 10/91	R19281-G1	-	J102, J205, J411, P411A
• 04/91 to 10/91	R19281-G1	-	J102, J105, J205, J411
• 10/91 to Present	R19281-G1	-	J102, J105, J205, J411, P411A

Pulser

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
6/90 to 08/96	Refer to "Main DC Harness" on page 4-4 .	-	-
08/96 to Present			
• 48" MPD (except 4-grade), 36" Dual, 36" Quad, and Single-hose X + 0	W03601-G1	-	BUZZ, J101, J101J, J407, J504, J909, J921A1, J921A2, J921A3, J921B1, J921B2, J921B3, P402
• 48" 4-grade MPD and Single-hose X + 1	W03601-G3	-	BUZZ, J101, J101J, J104, J504, J707, J909, J921A1, J921A2, J921A3, J921B1, J921B2, J921B3, P402
• 36" and 48" Blender	W03601-G2	-	BUZZ, J101, J504, J909, J921A2, J921B2, J921HA, J921HB, J921LA, J921LB, P402

Pump Controller to Hydraulic Interface

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Pump Controller to Interface, 06/90 to 03/93	R19281-G1	R17996-G1	J102, J205, J411, P411A
PPP Support, 10/91 to Present	R19281-G1	R18945-G3 R18945-G2	J102, J205, J411, P411A

Pump Handle

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Main DC Harness (06/90 to 08/96)	Refer to "Main DC Harness" on page 4-4 .	-	-
Main Interface (08/96 to present)	W03602-G1	-	J124A1, J124A2, J124B1, J124B2, J203, J204, J302A, J801A, J801B, J802A1, J802A2, J802B1, J802B2, J802C1, J802C2, J901, J911A, J911B, P302, P302A, P909
Pump Handle (06/90 to 08/96)			
• 48" MPD (except 4-grade) and Blender 6-hose	W02477-G1	-	J913A, J913B, J913C, P911
• 48" 4-grade MPD	W02477-G2	-	J913A, J913B, J913C, J913D, P911
• 48" Single-hose X + 1 (10/91 to 07/94)	W02477-G2	-	J913A, J913B, J913C, J913D, P911
• 48" Single-hose X + 1 (07/94 to 08/96) (see note)	W02477-G7	W02477-G5	J913A1, J913A2, J913B1, J913B2, P911
• 48" Selectable Blender (see note)	W02477-G6	W02477-G4	J913A1, J913A2, J913B1, J913B2, P911
• 48" Single-hose X + 0 9 (see note)	W02477-G6	W02477-G3	J913A1, J913A2, J913B1, J913B2, P911
Pump Handle (08/96 to present)	N23730-G1	-	J913, P911
<i>Note: Contact a Gilbarco representative before ordering part.</i>			

Pump Stop

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Pump Controller to Left Option Door	T18685-G1	-	J204, P141A, P141B, P204A
Pump Stop Switch to T18685-G1			
• 09/92 to 12/96	R19542-G2	-	J141
• 11/96 to Present	R19542-G2	-	J141
<i>Note: All parts may not be available as spare parts.</i>			

Push-to-start Jumpers

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
MPD			
• 04/91 to 08/96	R15634-G79	-	J101
• 08/96 to Present	N23737-G1	-	P101J
Blender	N23169-G1	-	J411A-14, J411A-19

Two-wire Communications

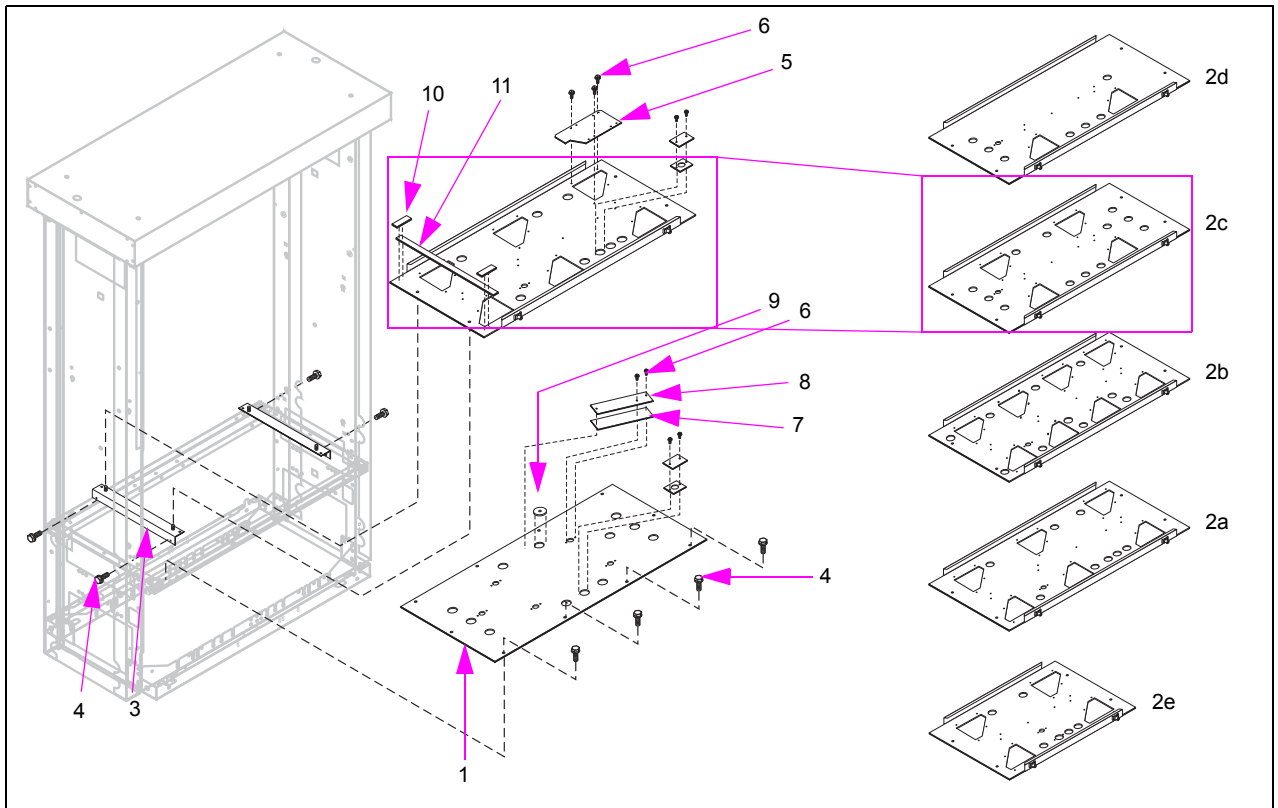
Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Universal CRIND/Pump Two-wire Adaptor (01/91 to 10/95)	R19248-G1	-	P402B, P402C, P405
Pump Two-wire Adaptor (10/95 to 08/96)	R19248-G2	-	P402, P402B, P402C

Valve/STP

Cable Description	Current Part	Previous Part	Associated Plugs and Jacks
Main AC Harness (02/91 to 10/95)	Refer to "Main AC Harness" on page 4-4 .	-	-
Coil Adaptor, 10/95 to Present	R19826-G3	-	P1, J2
Hydraulic Interface to Valves and Power Conduit (10/95 to Present)			
• 36" and 48" Blender (except 6-hose)	W03275-G1	-	J703, J704, J711, P403, P604, P710, P920A2, P920B2, P924HA, P924HB, P924LA, P924LB
• 6-hose Blender	W03275-G2	-	J703, J704, J705, J711, P403, P603, P710, P923A1, P923A2, P923A3, P923B1, P923B2, P923B3, P924HA, P924HB, P924LA, P924LB
• 48" MPD (except 4-grade), 36" Dual, 36" Quad, and Single-hose X + 0	W03275-G3	-	J103, P403, P604, P920A1, P920A2, P920A3, P920B1, P920B2, P920B3
• 48" 4-grade MPD and Single-hose X + 1	W03275-G4	-	J103, P403, P604, J709, P920A1, P920A2, P920A3, P920A4, P920B1, P920B2, P920B3, P920B4

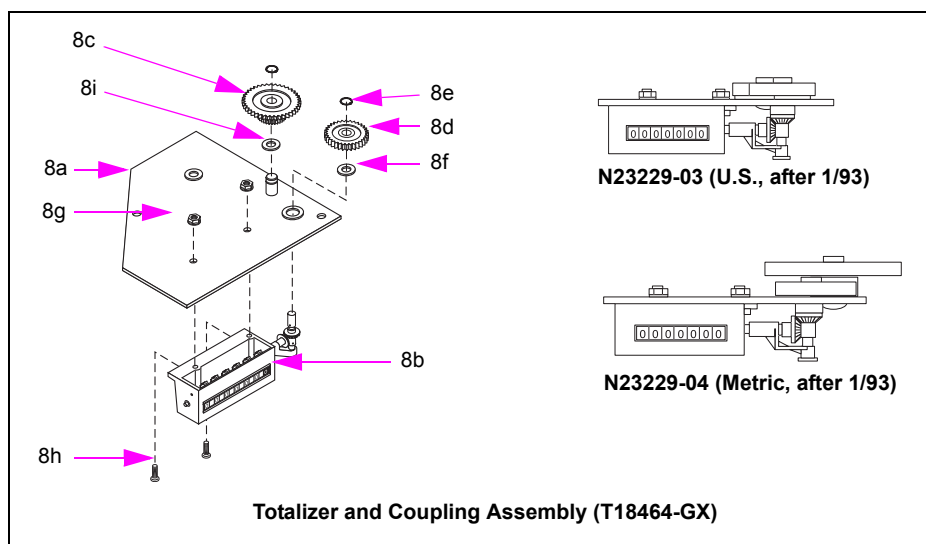
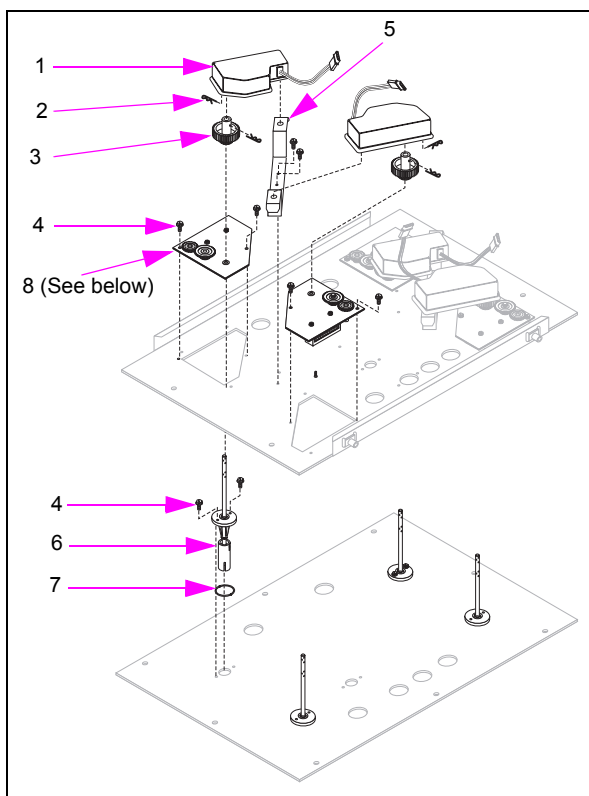
5 – Air Gap Area Section

Air Gap Plates



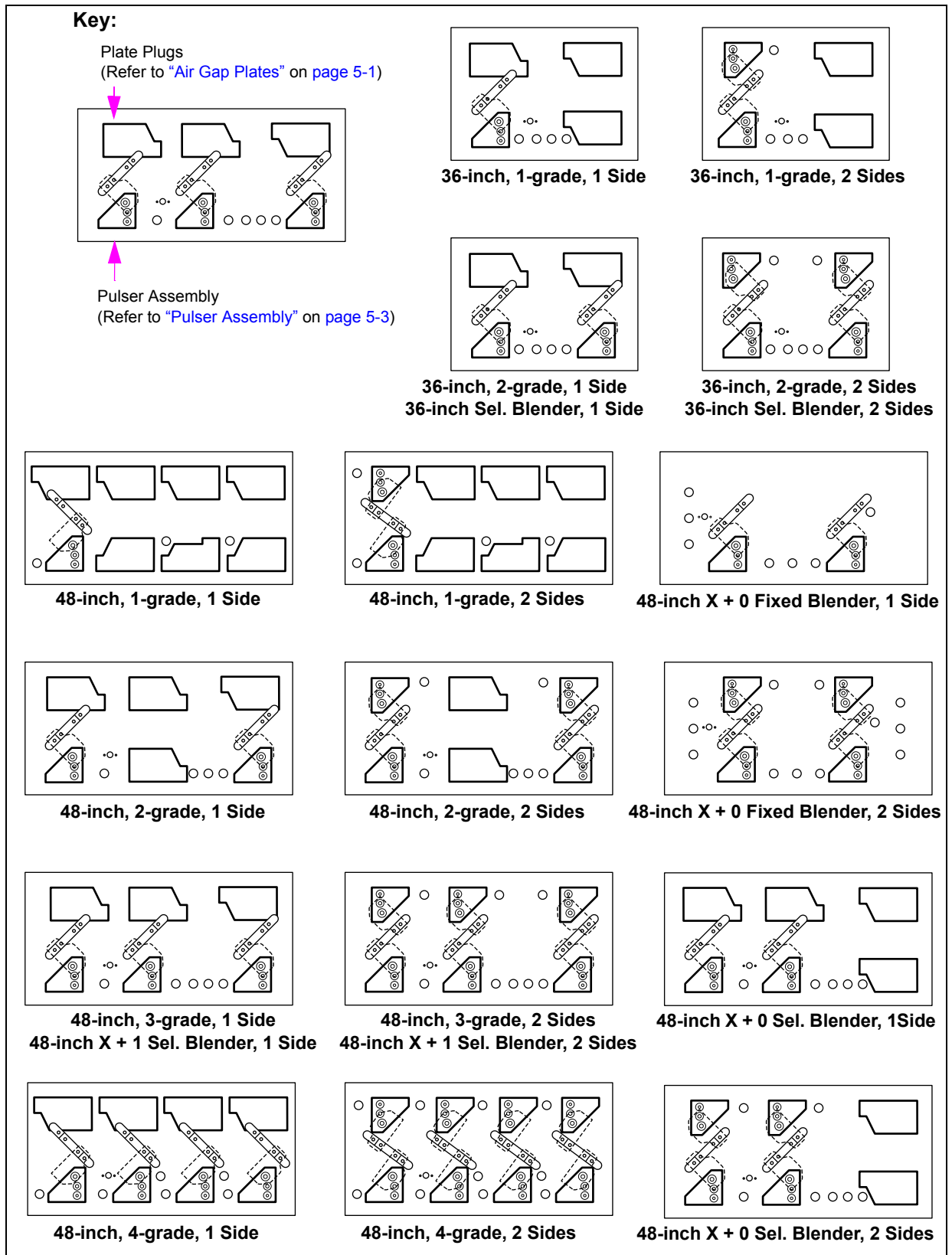
Item #	Description	Current Part	Previous Part	Quantity
1	Hydraulics Cover Plate			
	• 48", 1- to 3-grade MPD, X + 0 Selectable Blender	T19591-03	-	1
	• 36" (obsolete, see note 4)	-	T19592-03	1
2	Air Gap Base Plate			
2a	• 48", 1-, 2-, or 3-grade MPD, X + 0 Selectable Blender	W03535-G3 W03535-G2	W03535-G2 W03535-G1	1
2b	• 48", 4-grade MPD, X + 1 Selectable Blender (obsolete, see note 4)	-	W03563-G2 W03563-G1	1
2c	• 48", Fixed Blender, Dual-sided (Spare Parts Item)	W03537-G4	W03537-G1	1
2d	• 48", Fixed Blender, Single-sided (Spare Parts Item)	W03537-G3	W03537-G2	1
2e	• 36"	W03536-G3 W03536-G2	W03536-G2 W03536-G1	1
3	Mounting Bracket	R20445-G1	-	2
4	Screw, 5/16-18 X 3/4"	K85736-43	-	12
5	Base Plate Plug (obsolete, see note 4)	-	R19680	(see note 1)
6	Screw, #10-32 X 1/2"	K85736-15	-	(see note 1)
7	Gasket, Hydraulic Cover Plate Plug	R20454-01	-	(see note 1)
8	Hydraulic Cover Plate Plug	R20453-01	-	(see note 1)
9	Plate Plug Assembly	-	N23807-G1	(see note 1)
10	Foam Tape	N23197	-	(see note 2)
11	Gasket, 1/8" Thick X 1/2" Wide X 18-1/2" Long	R19243-01	-	2
Notes: 1. Quantity varies with model. Refer to "Air Gap Configurations" on page 5-5. 2. Quantity as required. 3. All parts may not be available as spare parts. 4. No replacement.				

Pulser Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Pulser	T18350-G3	-	(see note 1)
2	Cotter Pin	K77558-28	-	(see note 1)
3	Counter Gear			
	• U.S. Gallons, Metric (40 teeth)	N20965-12	-	(see note 1)
	• Imperial Gallons (25 teeth)	N20965-13	-	(see note 1)
4	Screw, #10-32 X 1/2"	K85736-15	-	(see note 1)
5	Pulser Retainer	R19320-01	-	(see note 1)
6	Pulser Drive Assembly (includes 8)	R19096-G1	-	(see note 1)
7	O-ring, 1 X 1-13/16 X 3/32"	Q10067-11	-	(see note 1)
8	Mechanical Totalizer Kit (includes 2, 3, and 8a - 8i)			
	• U.S. Gallons	K35489	-	(see note 1)
	• Metric	K35490	-	(see note 1)
	Mechanical Totalizer Assembly (includes 8a - 8i)			
	• U.S. Gallons Seven-digit	T18464-G2	-	(see note 1)
	• Metric Seven-digit	T18464-G3	-	(see note 1)
	• Imperial Gallons Seven-digit (obsolete, see note 3)	-	K94580-01	(see note 1)
8a	Cover Plate			
	• U.S. Gallons	T18464-G2	-	(see note 1)
	• Metric	T18464-G3	-	(see note 1)
	• Imperial Gallons	N23227-G3	-	(see note 1)
8b	Totalizer and Coupling			
	• U.S. Gallons, Imperial Gallons Seven-digit	N23229-03	N23229-01	(see note 1)
	• Metric Seven-digit	N23229-04	N23229-02	(see note 1)
8c	Gear			
	• U.S. Gallons, Imperial Gallons (32 teeth)	K88329-01	-	(see note 1)
	• Metric (22/62 teeth)	N22953	-	(see note 1)
8d	Gear			
	• U.S. Gallons (32 teeth)	K88329	-	(see note 1)
	• Metric (30 teeth)	K88329-03	-	(see note 1)
	• Imperial Gallons (24 teeth)	K88329-04	-	(see note 1)
8e	Retaining ring	K76238-36	-	(see note 1)
8f	Flat Washer	N16599-70	-	(see note 1)
8g	Nut, #6-32	Q11890-01	-	(see note 1)
8h	Screw, #6-32 X 1/2"	Q11270-36	-	(see note 1)
8i	Bearing	N17706-37	-	(see note 1)
Notes: 1. Quantity varies with model. 2. All parts may not be available as spare parts. 3. No replacement.				

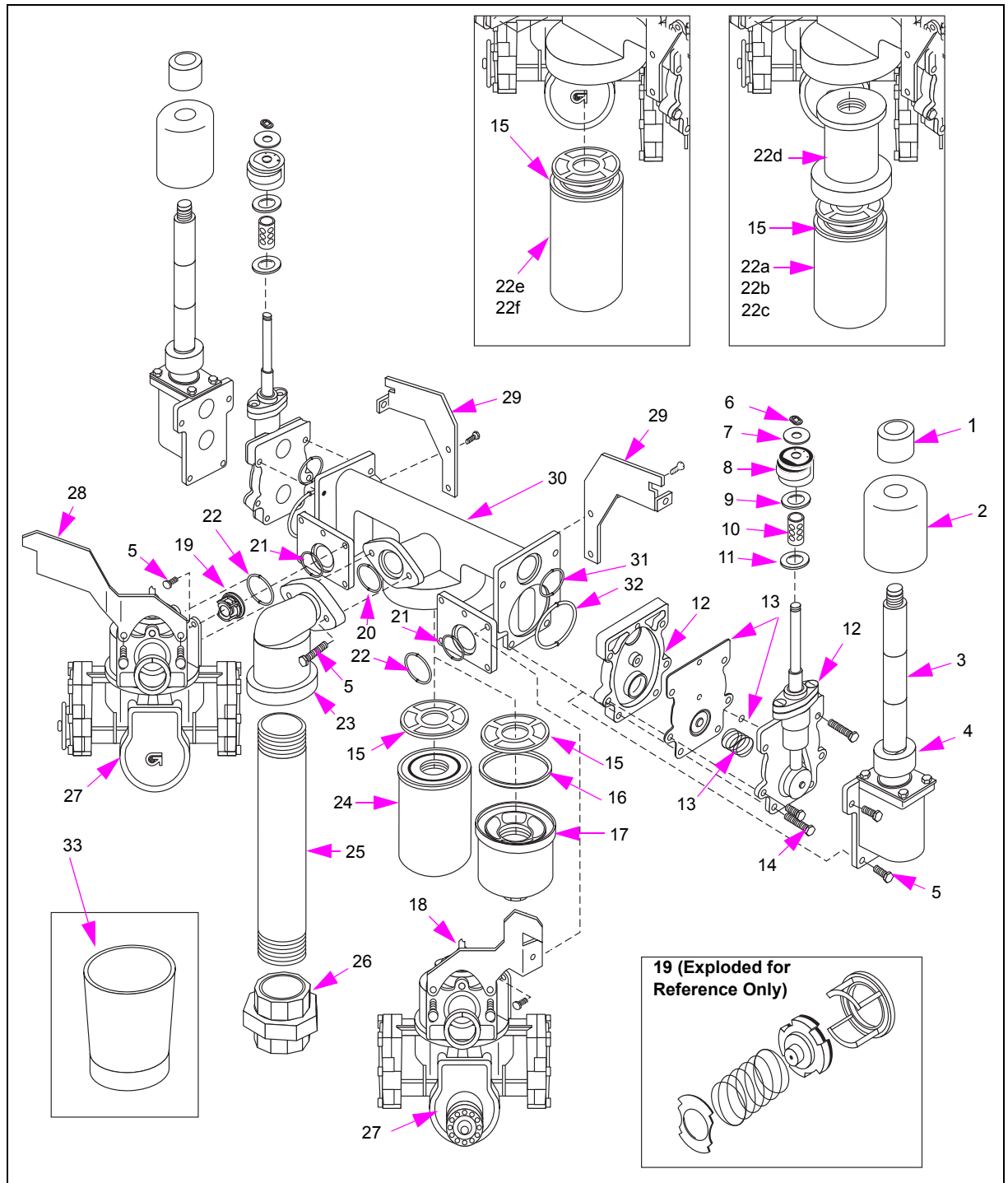
Air Gap Configurations



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6 – Hydraulics Module Section

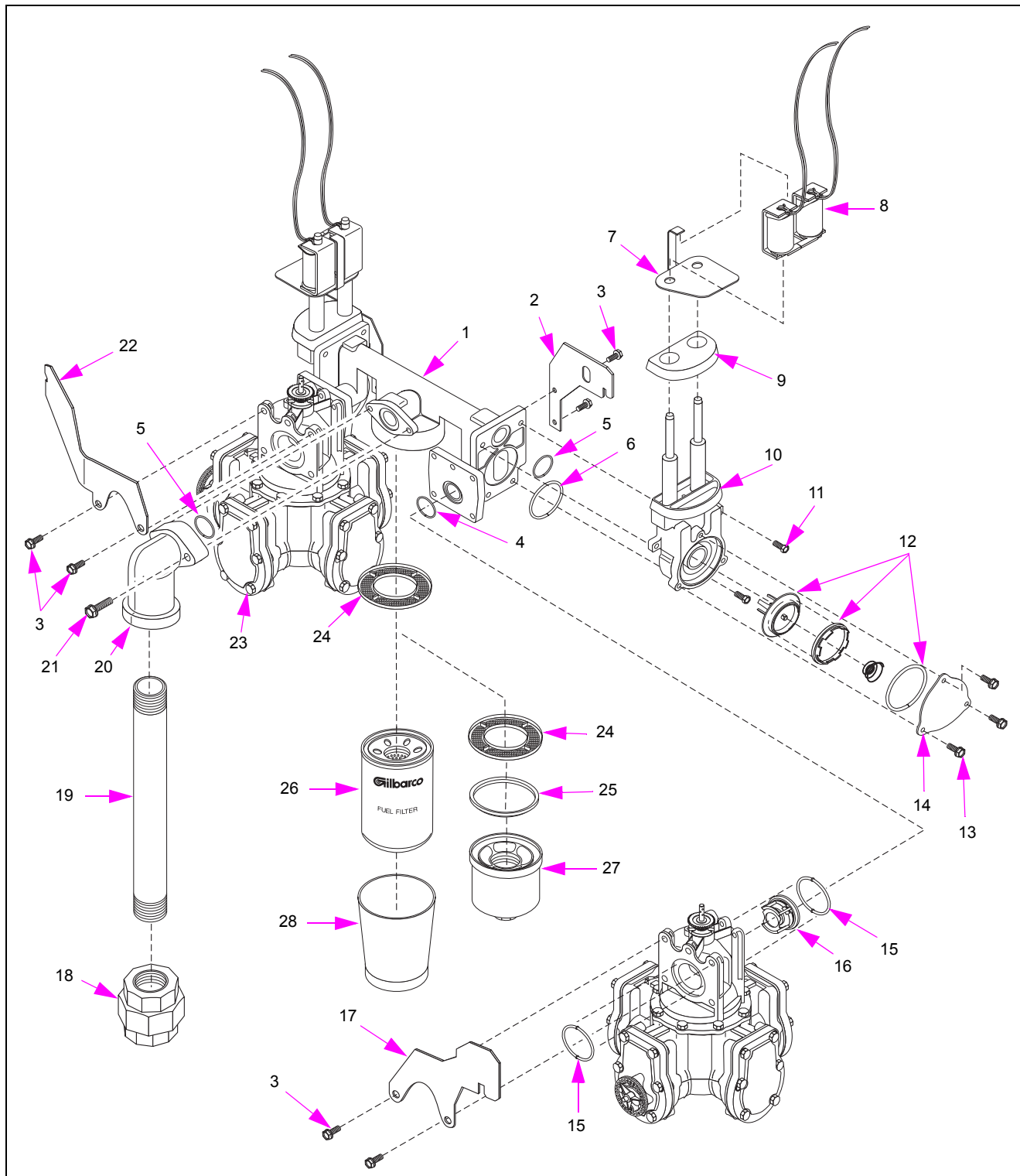
Hydraulic Module - Modular Electronics Units



Item #	Part Description	Current Part	Previous Part	Quantity
1	Coil Retainer	N23318	-	(see note 2)
2	Coil (see note 3)	N23312-02	N23312	(see note 2)
3	Proportional Blend Valve (blenders only), Single Stem (entire valve assembly)	T18815	-	(see note 2)
4	Valve Seal (blenders) (see note 1)	N16599-100	-	(see note 2)
5	Bolt, 5/16-18 X 7/8" (see note 1)	Q11889-15	Q10865-01	(see note 2)
6	Retaining Clip	K93773	-	(see note 2)
7	Flux Washer	K93774	-	(see note 2)
8	Coil (see note 4)			
	• 115 VAC/60 Hz	N23232-02	N23232	(see note 2)
	• 24 VAC/50 Hz	N23232-03	-	(see note 2)
9	Coil Seal Washer	N16599-101	-	(see note 2)
10	Collar	K93775	-	(see note 2)
11	Valve Seal (obsolete, see note 7)	-	K93557-01	(see note 2)
12	Solenoid Valve, 2 Stage (shown exploded)	R19093	-	(see note 2)
13	Solenoid Repair Kit (includes diaphragm, spring and washer)	R19093-02	R19093-01	(see note 2)
14	Bolt, 5/16-18 X 1-1/2"	Q11889-18	Q10865-39	(see note 2)
15	Filter Strainer	R19457	-	1
16	Gasket (see note 5)	K93485	-	-
17	Filter Cap (high capacity) to blank out Filter	R18896-02	-	1
18	Bracket, Meter	R19090-01	-	1
19	Check Valve, Meter (see note 6)			
	• Domestic	K94254-01	N23663-G1	(see note 2)
	• Export	K94254-01	N23276-G1	(see note 2)
20	O-ring, 1-1/4 X 1-1/2 X 1/8"	Q10068-09	-	3
21	O-ring, 1-5/16 X 9/16 X 1/8"	Q10068-10	-	3
22	O-ring, 1-5/8 X 1-7/8 X 1/8"	Q10068-14	-	
23	Casting, manifold Inlet (see note 1)	T18453-10	-	1
24	Filter			
24a	• High Capacity	R18189-10	R18189	1
24b	• High Capacity, 30 Micron	R18189-30	-	1
24c	• High Capacity (water alert)	M08007B010	-	1
24d	• Extension Assembly (MPD 4-grade and Single-hose +1 only) (obsolete, see note 7)	-	W02818-G1	1
24e	• Extra Long Filter, Standard	R20294-10	-	1
24f	• Extra Long Filter, Water	R20295-10	-	1
25	Pipe, Feedline (see note 1)			
	• 1-1/2 X 14" (used with double poppet shear valve) (see note 1)	R11533-28	-	1
	• 1-1/2 X 15-3/8" (used with single poppet shear valve) (see note 1)	R11533-29	-	1
	• 1-1/2 X 13-5/8" (Canada only) (see note 1)	R11533-27	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
26	Union			
	• 1-1/2" (see note 1)	K12179	-	1
	• 1-1/2" (Canada only)	Q10846-08	-	1
27	Meter (refer to "Pumps and Meters Section" on page 6-1)	PA024XXXXX	-	(see note 2)
28	Bracket, Meter	T18405-01	-	(see note 2)
29	Bracket, Manifold (obsolete, see note 7)	-	T18441-02 T18441-01	(see note 2)
30	Casting, Manifold	W02808-10	-	1
31	O-ring, 1-1/4 X 1-1/2 X 1/8"	Q10068-09	-	(see note 2)
32	O-ring, 2-3/8 X 2-5/8 X 1/8"	Q10068-20	-	(see note 2)
33	Fuel Collector, 1 per Filter	R19424	-	1
Notes: 1. Used on dispensers only. 2. Quantity varies per assembly. 3. When using new coil in blenders built before 01/94, order one Coil Adaptor Cable (R19826-G2) for each coil replaced. 4. When using new coil in units built before 01/94, order one Coil Adaptor Cable (R19826-G1) for each coil replaced. 5. Gasket (K93485) is not sold individually. It is sold as part of Assembly (R18896-G2). 6. All parts may not be available as spare parts. 7. No replacement.				

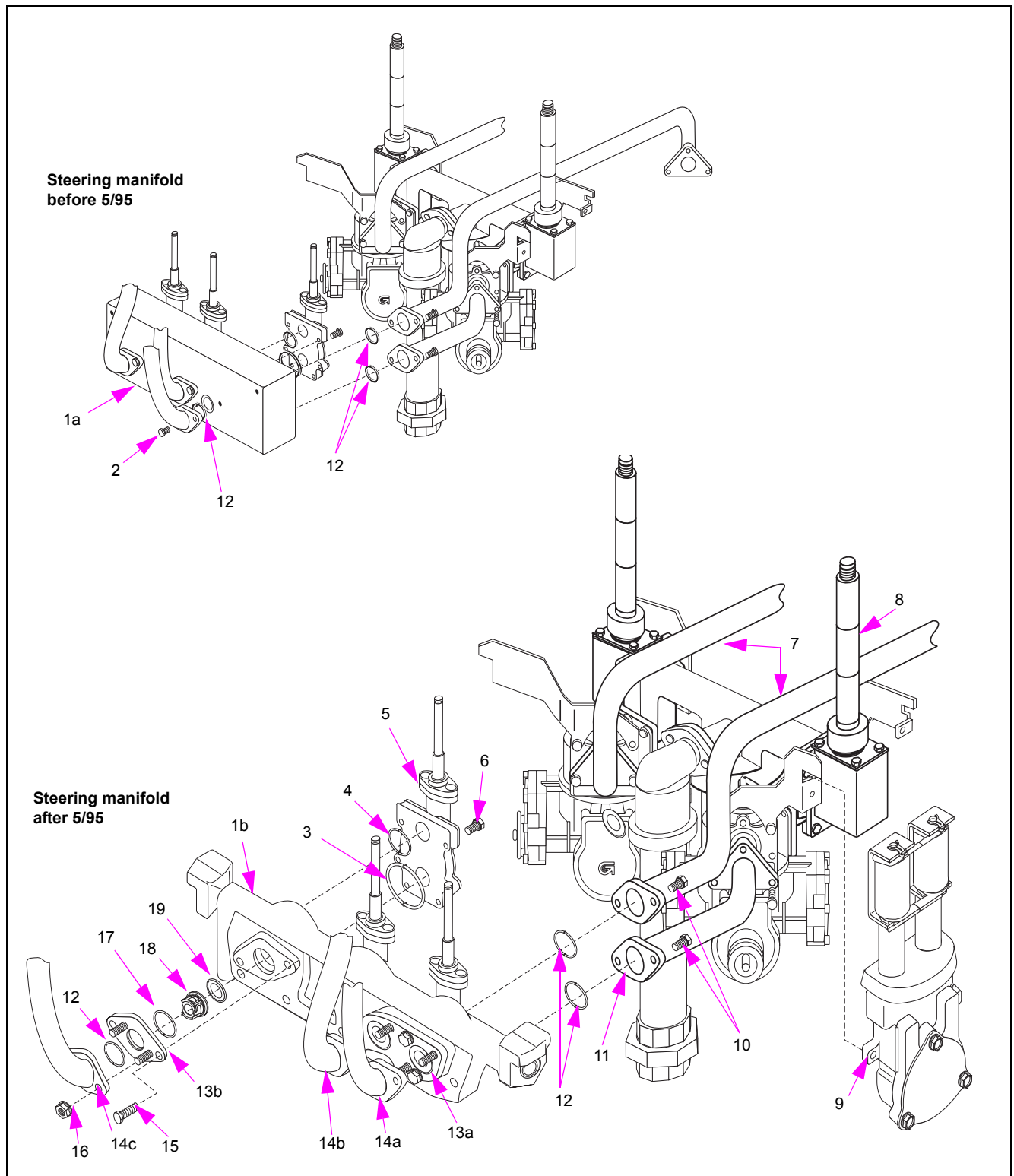
Hydraulic Module - Optimized Electronic Blenders



Item #	Part Description	Current Part	Previous Part	Quantity
1	Manifold	W02808-10	-	1
2	Bracket, Manifold			
	• All Except 4-grade Units	R20342-01	-	2
	• 4-grade Units Only	R20342-02	-	2
3	Screw 5/16-18 X 7/8"	Q11889-15	-	4
4	O-ring, 1-1/8 X 1-3/8 X 1/8"	Q10068-07	-	(see note 2)
5	O-ring, 1-1/4 X 1-1/2 X 1/8"	Q10068-09	-	(see note 2)
6	O-ring, 2-3/8 X 2-5/8 X 1/8"	Q10068-20	-	(see note 2)
7	Washer	R20455-01	-	(see note 2)
8	Coil Assembly	N23785	-	(see note 2)
9	Seal, Digital Valve	N2380801	-	(see note 2)
10	Digital Control Flow Valve, 2 Stem	T20013-G1	-	(see note 2)
11	Screw, 5/16-18 X 7/8"	Q11889-15	-	4
12	Diaphragm, Spare Parts Kit (piston assembly, O-ring, diaphragm retainer, label)	K94444-06	K94444-01	(see note 2)
13	Bolt, 1/4-20 X 3/4" Hexagonal-head, Shouldered	(see note 3)	-	3
14	Seal Plate, Diaphragm Cover	R20072	-	2
15	O-ring, 1-5/8 X 1-7/8 X 1/8"	Q10068-14	-	(see note 2)
16	Check Valve, High Pressure	K94254-01	-	(see note 2)
17	Bracket, Meter	T19838-01	-	2
18	Union 1-1/2"			
	• All Except Canada	K12179	-	1
	• Canada Only	Q10846-08	-	1
19	Pipe, Product Inlet, Black Iron			
	• 1-1/2 X 14" long	R11533-28	-	1
	• 1-1/2 X 13-5/8" long	R11533-27	-	1
	• 1-1/2 X 16" long	R11533-26	-	1
20	Manifold Inlet Casting	T18453-10	-	1
21	Screw, 5/16-18 X 1-1/2"	Q11889-18	-	2
22	Meter Bracket	T19839-01	-	1
23	Meter (refer to "C Meter (PA024xCxxxx)" on page 6-18)	PA024xCxxxx	-	-
24	Strainer, High Capacity (orient strainer insert with tabs toward filter)	R19457	-	1
25	Gasket	K93485	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
26	Filter			
	• High Capacity	R18189-10	R18189	1
	• High Capacity, 30 Micron	R18189-30	-	1
	• High Capacity (water alert)	M08007B010	R20039 R18190	1
	• Extension Assembly (MPD \$-grade and single-hose +1 only) (obsolete, see note 5)	-	W02818-G1	1
	• Extra Long Filter, Standard	R20294-10	-	1
	• Extra Long Filter, Water	R20295-10	-	1
27	Filter Cap, High Capacity (to blank-out filter)	R18896-01	-	1
28	Collector, Fuel	R19424	-	1
Notes: 1. Used on dispensers only. 2. Quantity varies per assembly. 3. Not available separately, part of digital control flow valve assembly. 4. All parts may not be available as spare parts. 5. No replacement.				

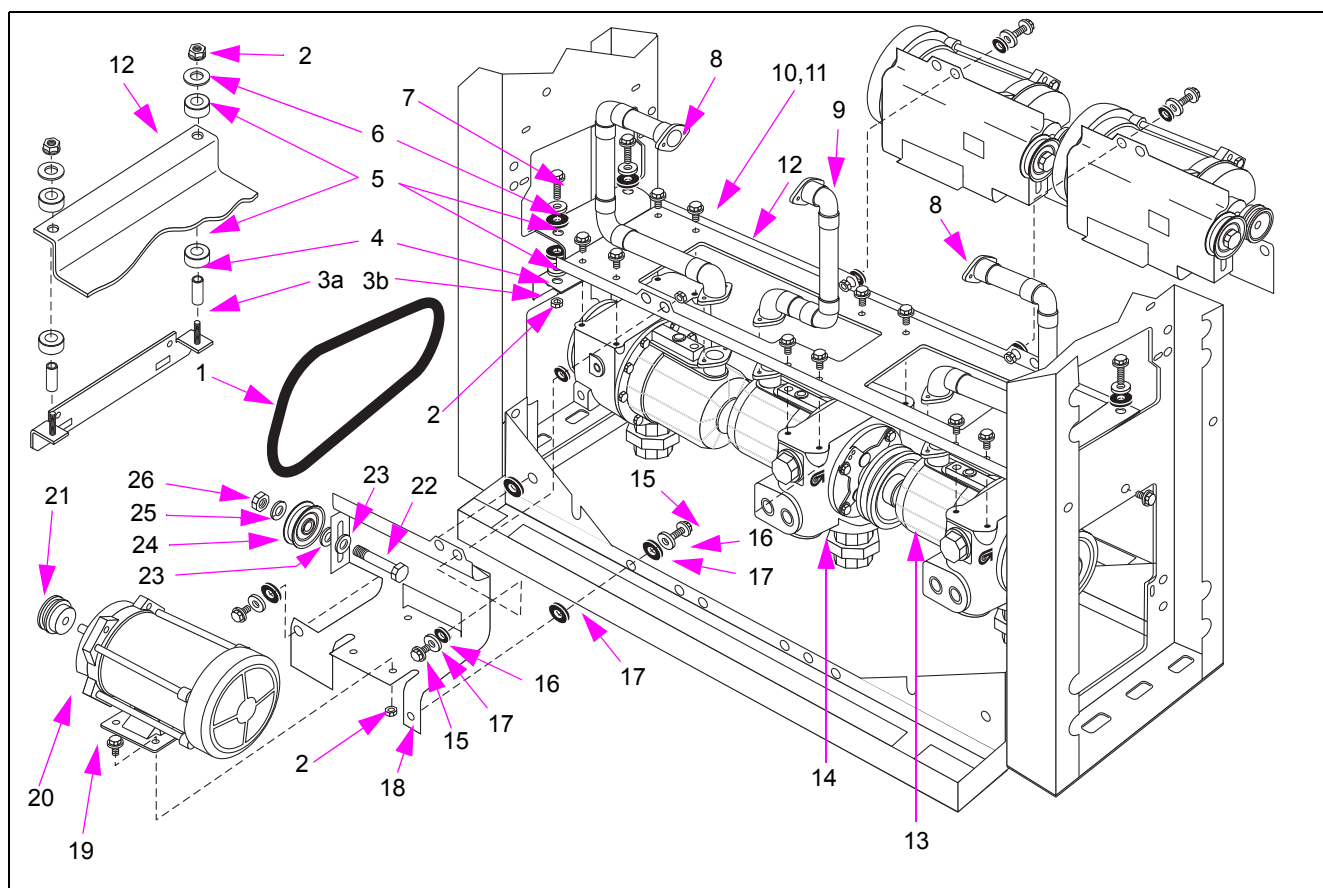
Steering Manifold - 48-inch Blender Six-hose



Item #	Part Description	Current Part	Previous Part	Quantity
1	Steering Manifold			
1a	• Before 3/96	-	W03034-10	2
1b	• After 3/96 (see notes 1 and 5)	W03037-G1	W03542-G1	2
2	Bolt, 5/16-18 X 3/4" (used on W03003 bracket)	Q10865-35	-	8
3	O-ring, 2-3/8 X 2-5/8 X 1/8"	Q10068-20	-	(see note 2)
4	O-ring, 1-1/4 X 1-1/2 X 1/8"	Q10068-09	-	(see note 2)
5	Solenoid Valve, Two Stage (see note 5)	R19093-02R	-	(see note 2)
6	Bolt, 5/16-18 X 3/4"	Q10865-39	-	(see note 2)
7	Feedline, Long (obsolete, see note 6)	-	W02995-G1	2
8	Proportional Blend Valve (blenders only) – Single Stem	T18815	-	4
9	Digital Flow Control Valve – Two Stem	T20013-G1	-	4
	Following are the Kits or Replacement Parts for T20013-G1:	-	-	-
	Repair Kit, Noise	K94444-06	K94444-01	-
	Seal Repair Kit	K94444-05	-	-
	Repair Kit	K94444-07	-	-
	Digital Valve Coil Assembly	N23785-01	-	-
10	Screw, 5/16-18 X 3/4"	Q10865-35	-	8
11	Feedline, Short (obsolete, see note 6)	-	T18814-G1	2
12	O-ring, 15/16 X 1-3/16 X 1/8"	N16891-25	-	(see note 2)
13	Cover Plate			
13a	• Connects 2 Discharge Pipes to Manifold	R20255-G1	-	2
13b	• Connects 1 Discharge Pipe to Manifold	R20256-G1	-	2
14	Discharge Piping (see note 3)			
14a	• Position A1 and B3 (obsolete, see note 6)	-	W02996-G1	2
14b	• Position A2 and B2 (obsolete, see note 6)	-	W02997-G1	2
14c	• Position A3 and B1 (obsolete, see note 6)	-	W03152-G1	2
15	Bolt, 5/16-18 X 3/4"	Q11889-14	-	6
16	Nut, 5/16-18, Serrated	Q11890-03	-	6
17	O-ring, 1-5/8 X 1-7/8 X 1/8"	Q10068-14	-	6
18	Check Valve Assembly (obsolete, see note 7)	K94254-01 N23619-G1 N23619-G4	N23619-G2	6
19	O-ring, Seal Assembly	Q13624-01	-	6
Not Shown				
-	Bracket, for W03034 Manifold	W03033-01	-	2
Notes: 1. Manifold installs without additional bracket. 2. Quantity varies per assembly. 3. For additional information, refer to "Discharge Piping Section" on page 6-1. 4. All parts may not be available as spare parts. 5. Contact a Gilbarco representative before ordering parts. 6. No replacement. 7. N23619-G1 now uses K94254-01 as an alternative part number.				

7 – Pumps and Meters Section

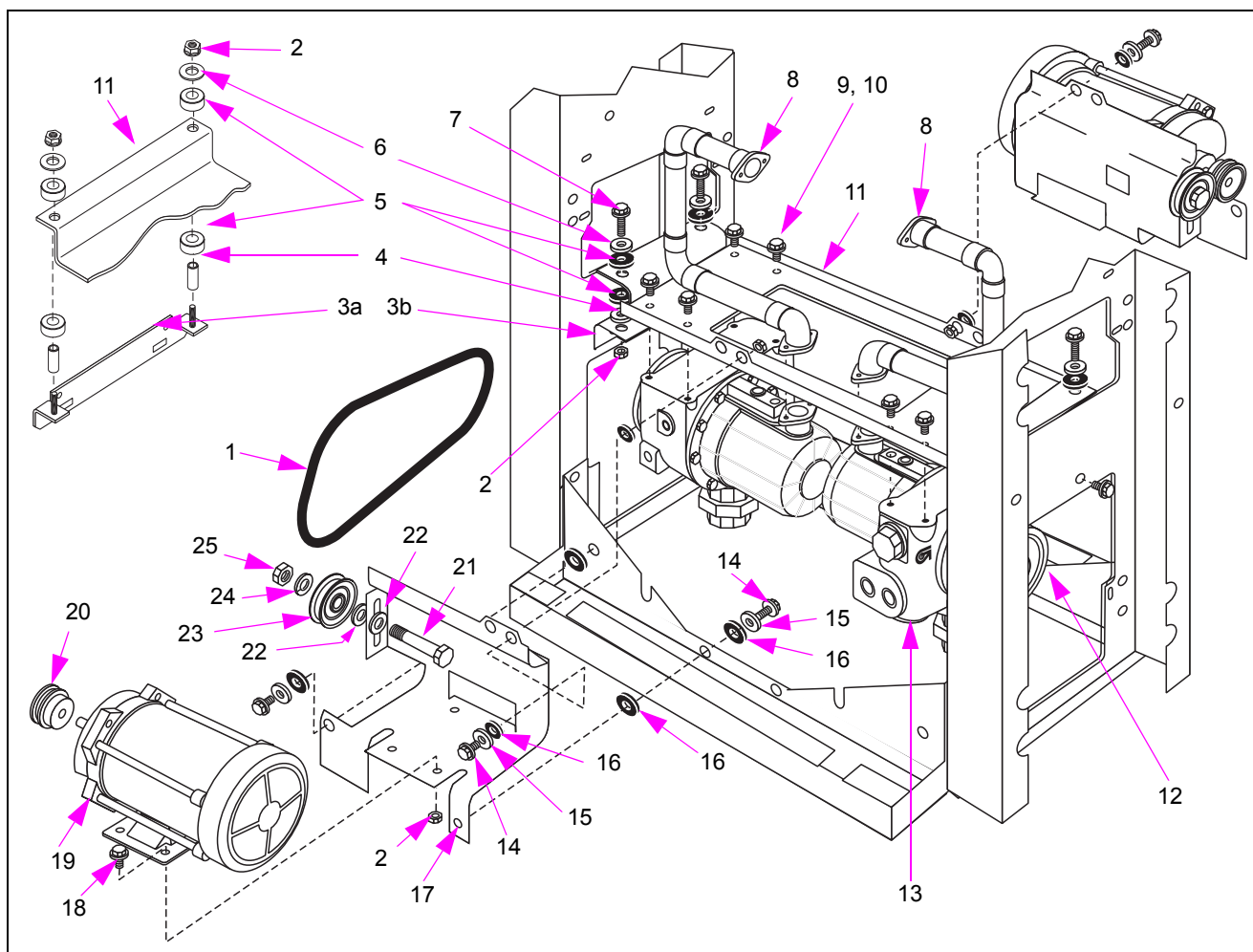
Pump and Motor Support - 48-inch Frame



Item #	Part Description	Current Part	Previous Part	Quantity
1	V-belt, 26" (50 and 60 Hz models)	R06711-56	-	(see note 1)
2	Nut, 5/16-18	Q11890-05	-	(see note 1)
3	Bracket, Hydraulic Shelf			
3a	• Production Units Manufactured After November 1999	T18564-G1	-	2
3b	• Production Units Manufactured Before November 1999	T18564-G1	T18564-02	2
4	Spacer	K83676	-	4
5	Shockmount	K83674	-	8
6	Flat Washer (see note 5)	N16599-35	-	4
7	Bolt, 5/16-18 X 1-1/2"	K03239	-	4
8	Feedline Assembly (1 and 3-grades) (obsolete, see note 4)	-	T18941-G1	2
9	Feedline Assembly (2-grade) (see note 2) (obsolete, see note 4)	-	T18243-G1	1

Item #	Part Description	Current Part	Previous Part	Quantity
10	Bolt, 1/2-13 X 3/4"	K46809	-	(see note 1)
11	Lock Washer, 1/2"	K02455	-	(see note 1)
12	Support Plate, Pump (obsolete, see note 4)	-	T18562-01	1
13	Pulley, Pump (gerotor)			
	• 50 Hz, 3.75" O.D., 3.50" P.D.	R19678-39	-	(see note 1)
	• 60 Hz, 3.95" O.D., 3.70" P.D.	R19678-41	-	(see note 1)
14	Pump and Air Separator Assembly (refer to "Gerotor Pumping Unit" on page 7-10)	W03002-G26C	W03002-G10	(see note 1)
15	Screw, 5/16-18 X 3/4"	K85736-43	-	(see note 1)
16	Flat Washer	N16599-67	-	(see note 1)
17	Rubber Washer	K80671-24	-	(see note 1)
18	Support Bracket, Motor			
	In use after 9/93 (obsolete, see note 4)	-	W03111-01	(see note 1)
	Used before 9/93 (obsolete, see note 4)	-	W03111-01 W03111	(see note 1)
19	Bolt, 5/8-16 X 3/4" Long	Q10865-35	-	(see note 1)
20	Motor, 3/4 HP			
	• Single-phase 115/208-230 VAC (120/240 VAC for -03) 60 Hz, 1725 rpm, CCW	R14213-30	R14213-03	(see note 1)
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R14213-05	-	(see note 1)
	• Three-phase 380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R14213-14	-	(see note 1)
21	Pulley, 3/4 HP Motor			
	• 60 Hz, 2.50" O.D., 2.30" P.D.	R18900-25	-	(see note 1)
	• 50 Hz, 2.80" O.D., 2.60" P.D.	R18900-28	-	(see note 1)
22	Bolt, 3/8-16 X 1-3/4"	K01904	-	(see note 1)
23	Flat Washer, 3/8"	K02206	-	(see note 1)
24	Idler Pulley, 3-1/16" O.D., 2" Bottom of Groove Diameter	N23342-02	-	(see note 1)
25	Lock Washer, 3/8"	K50775	-	(see note 1)
26	Nut, 3/8-16	K01943	-	(see note 1)
Not Shown				
-	Key, Motor Pulley	K83379-21	-	(see note 1)
-	Key, Pump Pulley	Q12697-02	-	(see note 1)
Notes: 1. Quantity varies with model. 2. Not used on MPD 2-grade pump. 3. All parts may not be available as spare parts. 4. No replacement. 5. Contact a Gilbarco representative before ordering part.				

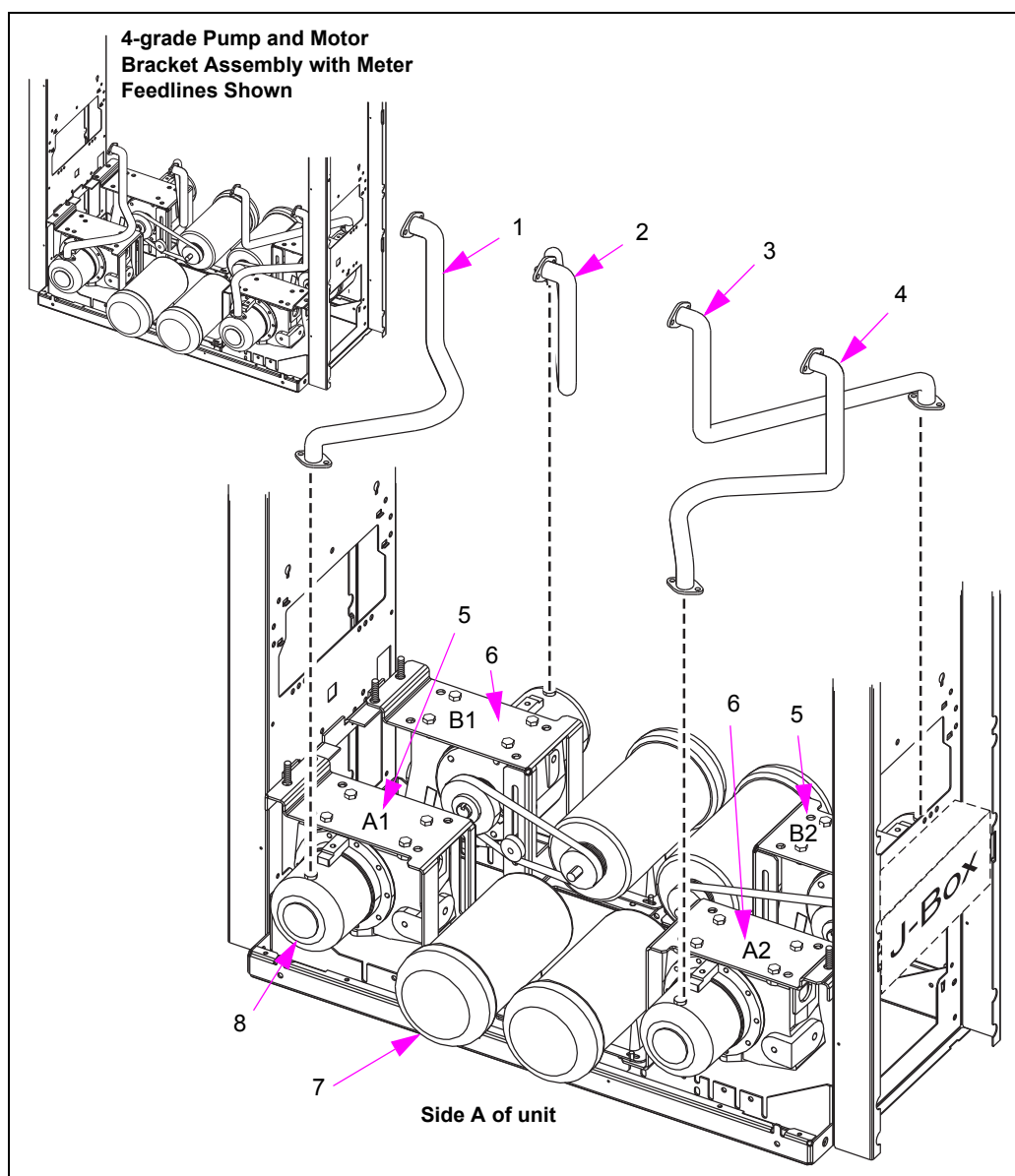
Pump and Motor Support - 36-inch Frames



Item #	Part Description	Current Part	Previous Part	Quantity
1	V-belt, 26" (50 and 60 Hz models)	R06711-56	-	(see note 1)
2	Nut, 5/16-18	Q11890-05	-	(see note 1)
3	Bracket, Hydraulic Shelf			
	• Production Units Manufactured After November 1999	T18564-G1	-	2
	• Production Units Manufactured Before November 1999	-	T18564-G1	2
4	Spacer	K83676	-	4
5	Shockmount	K83674	-	8
6	Flat Washer	N16599-35	-	4
7	Bolt, 5/16-18 X 1-1/2"	K03239	-	4
8	Feedline Assembly [Products 1 and 2 (Spare Parts Item)]	T18244-G1	-	(see note 1)
9	Bolt, 1/2-13 X 3/4"	K46809	-	(see note 1)

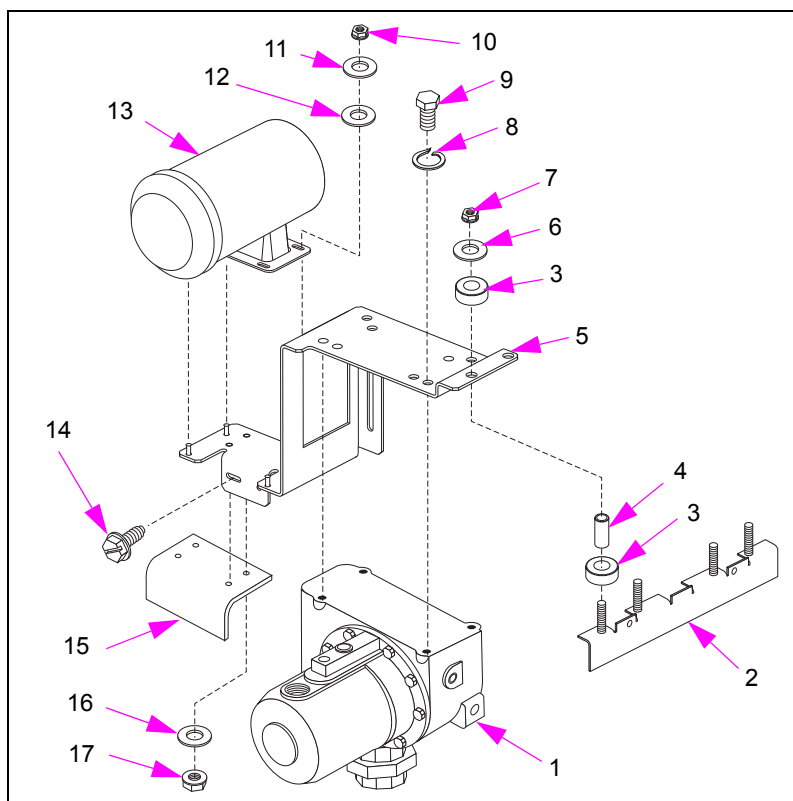
Item #	Part Description	Current Part	Previous Part	Quantity
10	Lock Washer, 1/2"	K02455	-	(see note 1)
11	Pump Support Plate	T18563-01	-	1
12	Pulley, Pump (W03002-G26C)			
	• 50 Hz, 3.75" O.D., 3.50" P.D.	R19678-39	-	(see note 1)
	• 60 Hz, 3.95" O.D., 3.70" P.D.	R19678-41	-	(see note 1)
13	Pump and Air Separator Assembly (refer to "Gerotor Pumping Unit" on page 7-10)	W03002-G17	W03002-G10	(see note 1)
14	Screw, 5/16-18 X 3/4"	K85736-43	-	(see note 1)
15	Flat Washer	N16599-67	-	(see note 1)
16	Rubber Washer	K80671-24	-	(see note 1)
17	Motor support bracket (no longer available) (obsolete, see note 3)	-	W03111-01 W03111	(see note 1)
18	Bolt, 5/16-18 X 3/4" long	Q10865-35	-	(see note 1)
19	Motor, 3/4 HP			
	• Single-phase 120/240 VAC 60 Hz	R14213-30	R14213-03	(see note 1)
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R14213-05	-	(see note 1)
	• Three-phase 380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R14213-14	-	(see note 1)
20	Pulley, 3/4HP Motor			
	• 60 Hz, 2.50" O.D., 2.30" P.D.	R18900-25	-	(see note 1)
	• 50 Hz, 2.80" O.D., 2.60" P.D.	R18900-28	-	(see note 1)
21	Bolt, 3/8-16 X 1-3/4"	K01904	-	(see note 1)
22	Flat Washer, 3/8"	K02206	-	(see note 1)
23	Idler Pulley, 3-1/16" O.D., 2" Bottom of Groove Diameter	N23342-02	-	(see note 1)
24	Lock Washer, 3/8"	K50775	-	(see note 1)
25	Nut, 3/8-16	K01943	-	(see note 1)
Not Shown				
-	Key, Motor Pulley	K83379-21	Q13386-01	(see note 1)
-	Key, Pump Pulley	Q12697-02	-	(see note 1)
Notes: 1. Quantity varies with model. 2. All parts may not be available as spare parts. 3. W03111-01 is obsolete and no replacement.				

Pump and Motor Assemblies - Four-grade Pump



Item #	Part Description	Current Part	Previous Part	Quantity
1	Feedline Assembly (#1)	T20315-G1	-	1
2	Feedline Assembly (#2)	T20308-G1	-	1
3	Feedline Assembly (#3)	T20351-G1	-	1
4	Feedline Assembly (#4)	T20352-G1	-	1
5	Support, Pump and Motor (A1 and B2 locations, refer to Illustration)	W03832-G1	-	2
6	Support, Pump and Motor (A2 and B1 locations, refer to Illustration)	W03832-G2	-	2
7	Motor Assembly, 3/4 HP (see notes 1 and 2)			
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R20616-G1	-	4
	• Single-phase 115/230 VAC 60 Hz, 1725 rpm, CCW	R20616-G3	-	4
	• Three-phase 220/380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R20616-G4	-	4
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R20617-G1	-	4
	• Single-phase 115/230 VAC 60 Hz, 1725 rpm, CCW	R20617-G3	-	4
	• Three-phase 220/380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R20617-G4	-	4
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R20618-G1	-	4
	• Single-phase 115/230 VAC 60 Hz, 1725 rpm, CCW	R20618-G3	-	4
	• Three-phase 220/380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R20618-G4	-	4
	• Single-phase 115/230 VAC 50 Hz, 1425 rpm, CCW	R20619-G1	-	4
	• Single-phase 115/230 VAC 60 Hz, 1725 rpm, CCW	R20619-G3	-	4
	• Three-phase 220/380 VAC 50/60 Hz, 1425/1725 rpm, CW or CCW	R20619-G4	-	4
8	Pump and Air Separator Assembly (gerotor)	W03002-G26C	-	4
Notes: 1. Motor assembly includes conduit connection at motor. 2. Assemblies are not available. Purchase Motors (R14213-XX). 3. All parts may not be available as spare parts.				

Pump and Motor Support - Four-grade Pump



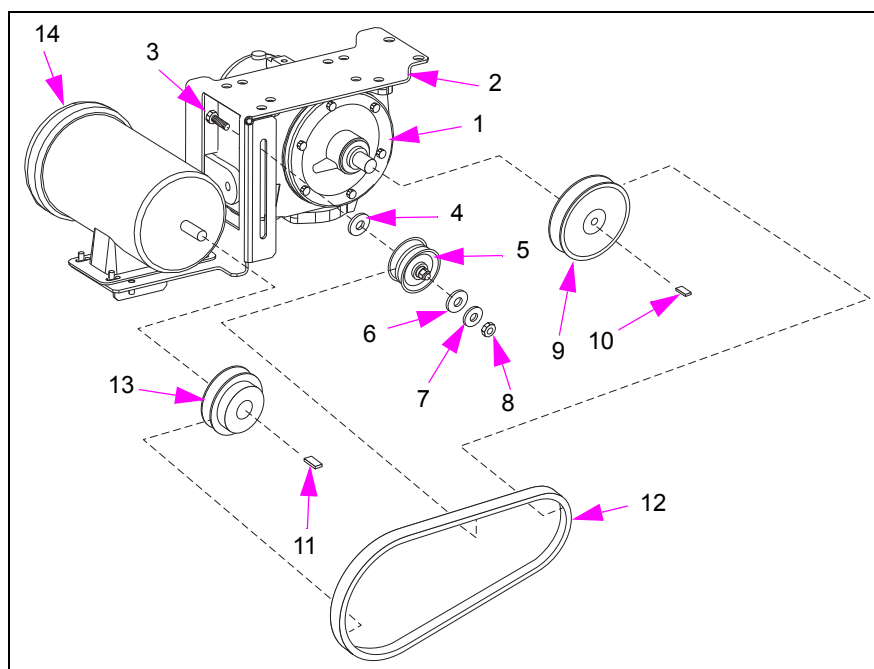
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pump and Air Separator Assembly (refer to "Gerotor Pumping Unit" on page 7-10)	W03002-G26C	-	-
2	Support Bracket, Pump Shelf (shown for reference)	T20380-G1	-	-
3	Shock Mount	K83674	-	4
4	Spacer	K83676	-	2
5	Support, pump and motor (refer to "Pump and Motor Assemblies - Four-grade Pump" on page 7-5)	W03832-G1 (Left) W03832-G2 (Right)	-	2
6	Washer, Shock Mount	N16599-35	-	2
7	Nut, Serrated, Hexagonal Flange 5/16-18	Q11890-05	-	2
8	Lock Washer, 1/2" I.D.	K02455	-	4
9	Bolt, Hexagonal-head, 1/2-13 X 3/4" Long	K46809	-	4
10	Nut, Serrated, 5/16-18	Q11890-05	-	4
11	Washer, Flat, 5/16"	K42999	-	4
12	Washer, Rubber	K80671-24	-	4
13	Motor (refer to "Pump and Motor Assemblies - Four-grade Pump" on page 7-5)	R14213-XX (see note 2)	-	-
14	Bolt, Hexagonal-head, Thread Forming, 5/16-18 X 3/4"	K85736-43	-	2
15	Bracket, Pump Support Plate	N23909-G1	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
16	Washer, Flat, 5/16	K42999	-	4
17	Nut, Serrated, Hexagonal Flange, 5/16-18	Q11890-05	-	4

Notes:

- Quantity in this table is for assembly shown. For complete assembly, refer to ["Pump and Motor Assemblies - Four-grade Pump"](#) on [page 7-5](#).
- Motor Assembly (R14213-XX) is not available. Purchase Motors (R14213-XX).
- All parts may not be available as spare parts.

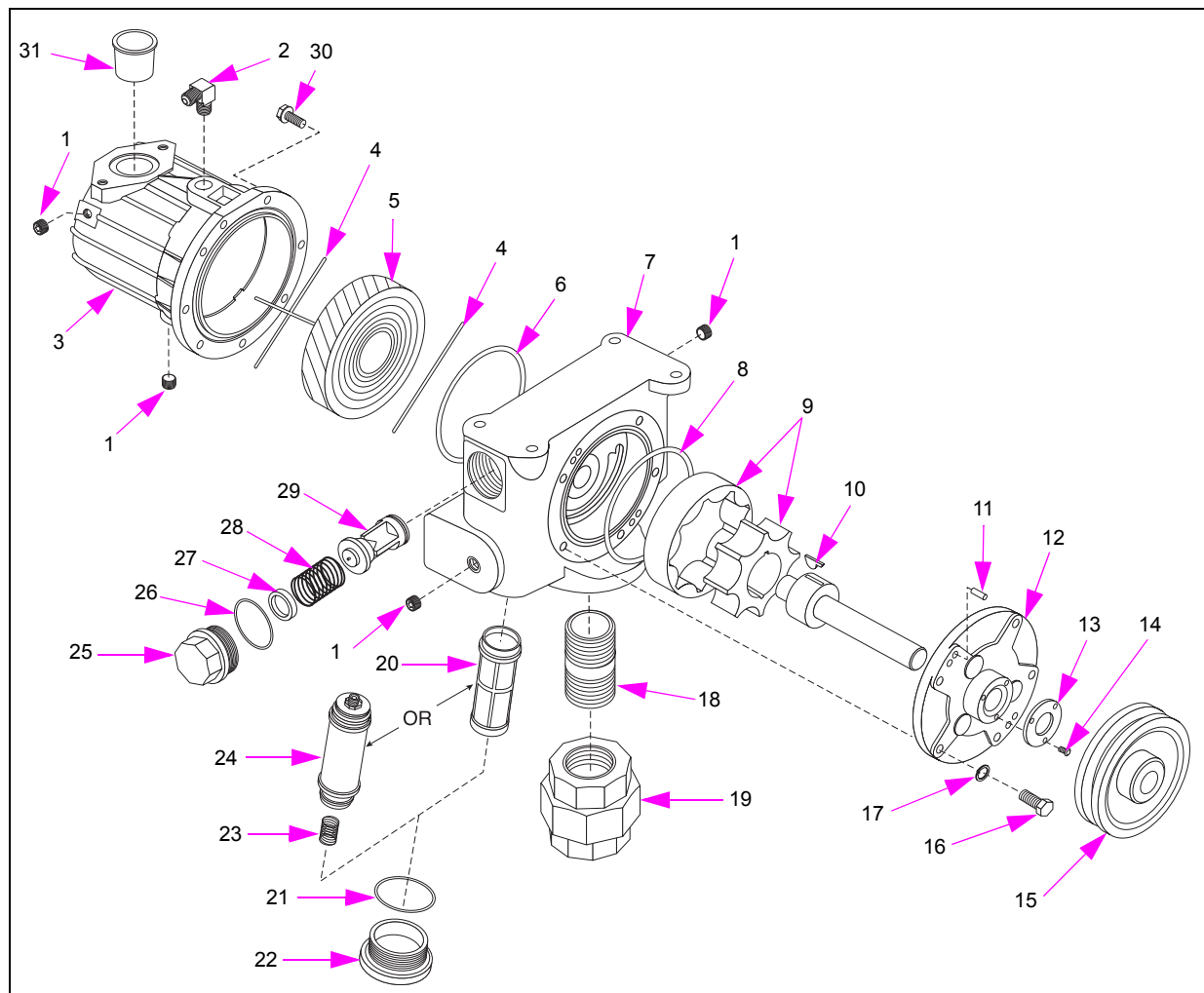
Pulleys and Belts - Four-grade Pump



Item #	Part Description	Current Part	Previous Part	Quantity
1	Pump and Air Separator Assembly (refer to "Gerotor Pumping Unit" on page 7-10)	W03002-G26C	-	-
2	Support, Pump and Motor (see Items 5 and 6 on page 7-6)	W03832-GX	-	-
3	Bolt, 3/8"-16 X 1-3/4" Long	K01904	-	1
4	Lock Washer, 1/2"	K02455	-	1
5	Pulley, Idler, 3-1/16" O.D.	N23342-02	-	1
6	Flat Washer, 3/8"	K02206	-	1
7	Lock Washer, 3/8"	K50775	-	-
8	Nut, Hexagonal, 3/8"-16	K01943	-	1
9	Pulley, Pump			
	• Used with 3/4 hp, 60 Hz Motor, 3.95" O.D., 3.70" P.D.	R19678-41	-	1
	• Used with 3/4 hp, 50 Hz Motor, 3.75" O.D., 3.50" P.D.	R19678-39	-	1
10	Key, Pump, .25 X .25 X .625 Long	Q12697-02	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
11	Key, Motor, .25 X .25 X 1.25 Long	Q12697-01	-	1
12	V-belt, Pump and Motor			
	• Side A Right and Side B Left	R06711-39	-	2
	• Side A Left and Side B Right	R06711-54	-	2
13	Pulley, Motor			
	• 3/4 hp, 60 Hz, 2.50" O.D., 2.30" P.D.	R18900-25	-	1
	• 3/4 hp, 50 Hz, 2.80" O.D., 2.60" P.D.	R18900-28	-	1
14	Motor (see Item 7 on page 7-6)	R14213-XX	-	-
Notes: 1. Quantity in this table is for assembly shown. Pulleys and keys are typical for The Advantage Series. 2. All parts may not be available as spare parts.				

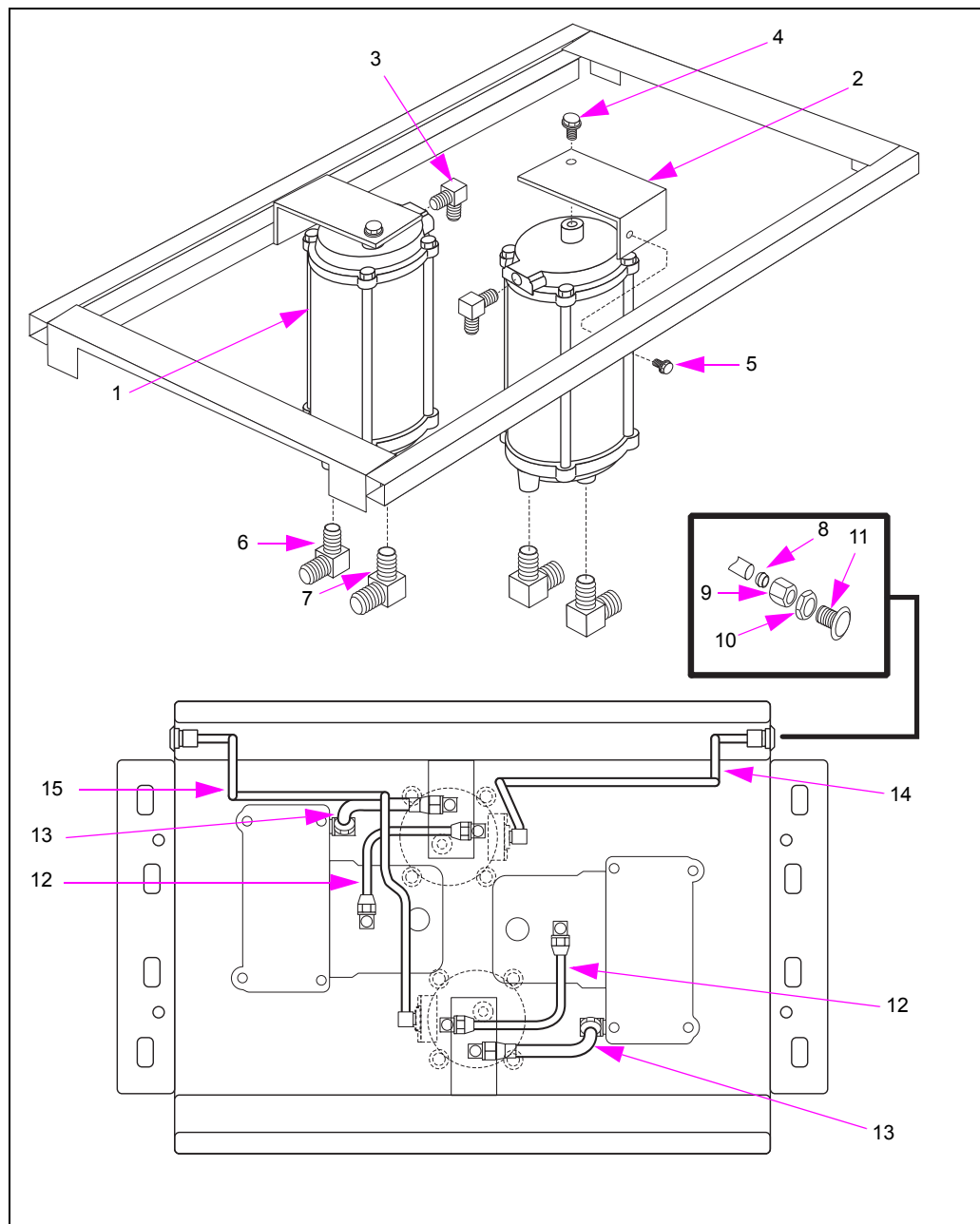
Gerotor Pumping Unit



Item #	Part Description	Current Part	Previous Part	Quantity
1	Plug, 1/4"	K60756	-	4
2	Vent elbow	Q10001-12	-	1
3	Air separator body (1" discharge)	W03643-10	-	1
4	Filter Retainer	K82085-02	-	3
5	Separator Filter	K76193	-	1
6	Seal (lathe-cut)	Q12508-257	-	1
7	Pump body	W03001-G2	-	1
8	Seal (lathe-cut)	Q12508-251	-	1
9	Gerotor Gear Set	R19355-G1	-	1
10	Key	K93830	-	1
11	Dowel Pin	K41874	-	2
12	Head and Bearing Plate Assembly	T18759-G1	-	1
13	Seal, 1" shaft	N23196	-	1

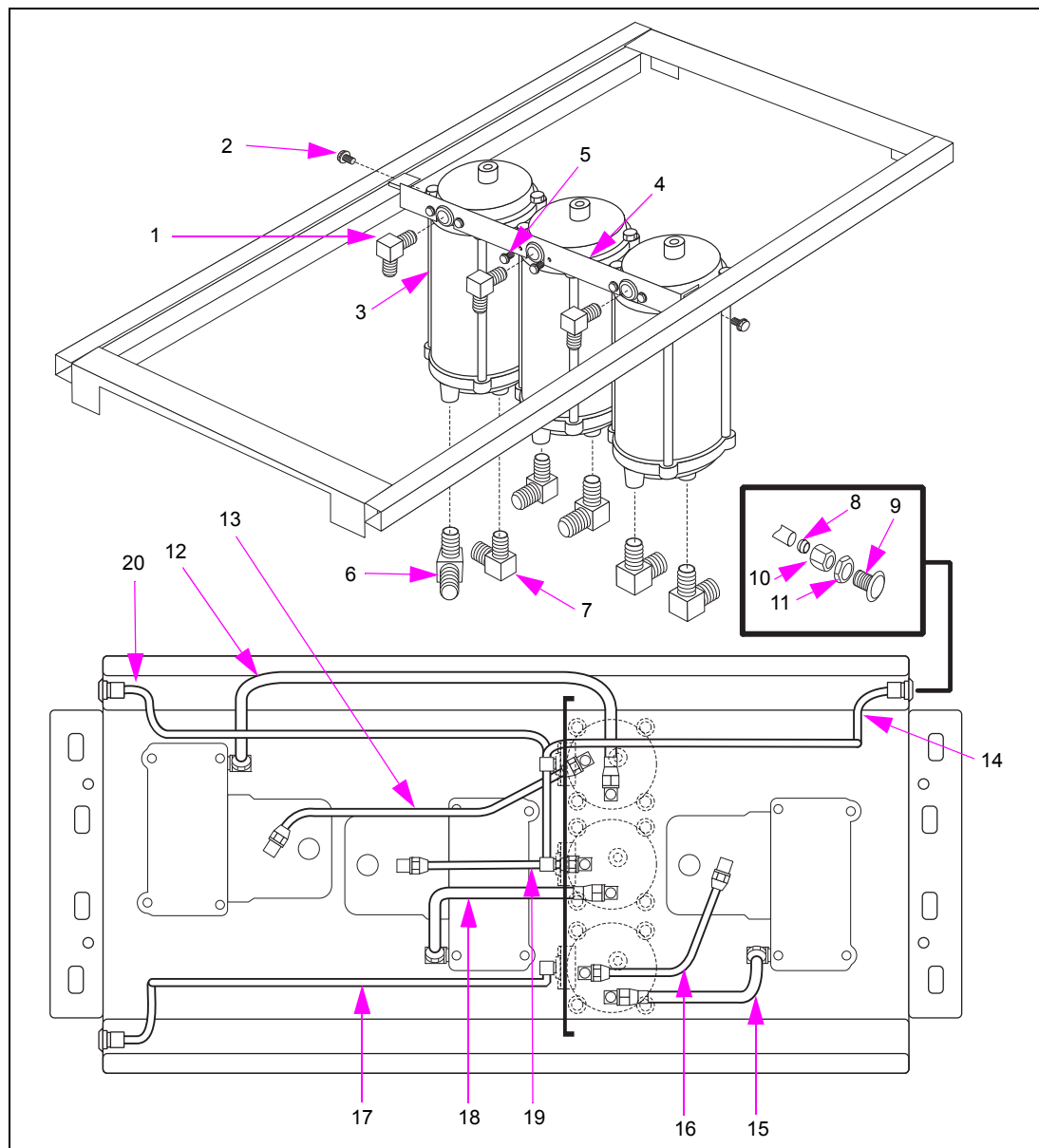
Item #	Part Description	Current Part	Previous Part	Quantity
14	Screw, 10-24 X 3/8	Q11560-105	-	3
15	Pulley, shown for reference (refer to "Pulleys and Belts - Four-grade Pump" on page 7-8)	-	-	1
16	Bolt, 3/8-16 X 1"	Q10412-07	-	5
17	Lock Washer, 3/8"	K50775	-	5
18	Pipe Nipple, 1-1/2" X 1-3/4"	R11493-77	-	1
19	Union, 1-1/2" 300 lbs. (Canada)	Q10846-08	-	1
20	Strainer	N18957	-	1
21	O-ring, 2-1/8 X 2-3/8 X 1/8"	Q10068-18	-	1
22	Strainer Cap	K45315E03	-	1
23	Retainer Spring (see note 3)	K93828	-	1
24	Strainer/Check Valve (see note 3)	PA0039A06	-	1
25	ByPass Valve Cap	K48169-04	-	1
26	O-ring, 1-3/4 X 2 X 1/8"	Q10068-15	-	1
27	Preload Spacer	K93530-03	-	1
28	Preload Spring	K93829	-	1
29	ByPass Valve	N23190	-	1
30	Screw, 5/16-18 X 7/8"	Q10865-01	-	10
31	Protective Plug, 1"	K78953-27	-	1
Not Shown				
-	Gerotor Pump and Air Separator Assembly			
	• Canada	W03002-G20	-	(see note 1)
-	Protective Disk, 1-1/2"	K84625	-	1
-	Protective Cap, 5/8-18"	K78953-43	-	1
-	Protective Plug, 3/8"	K78953-25	-	1
Notes: 1. Quantity varies with model. 2. All parts may not be available as spare parts. 3. Optional inlet check valve.				

Sump Assembly - 36-inch Frames, 2 Product



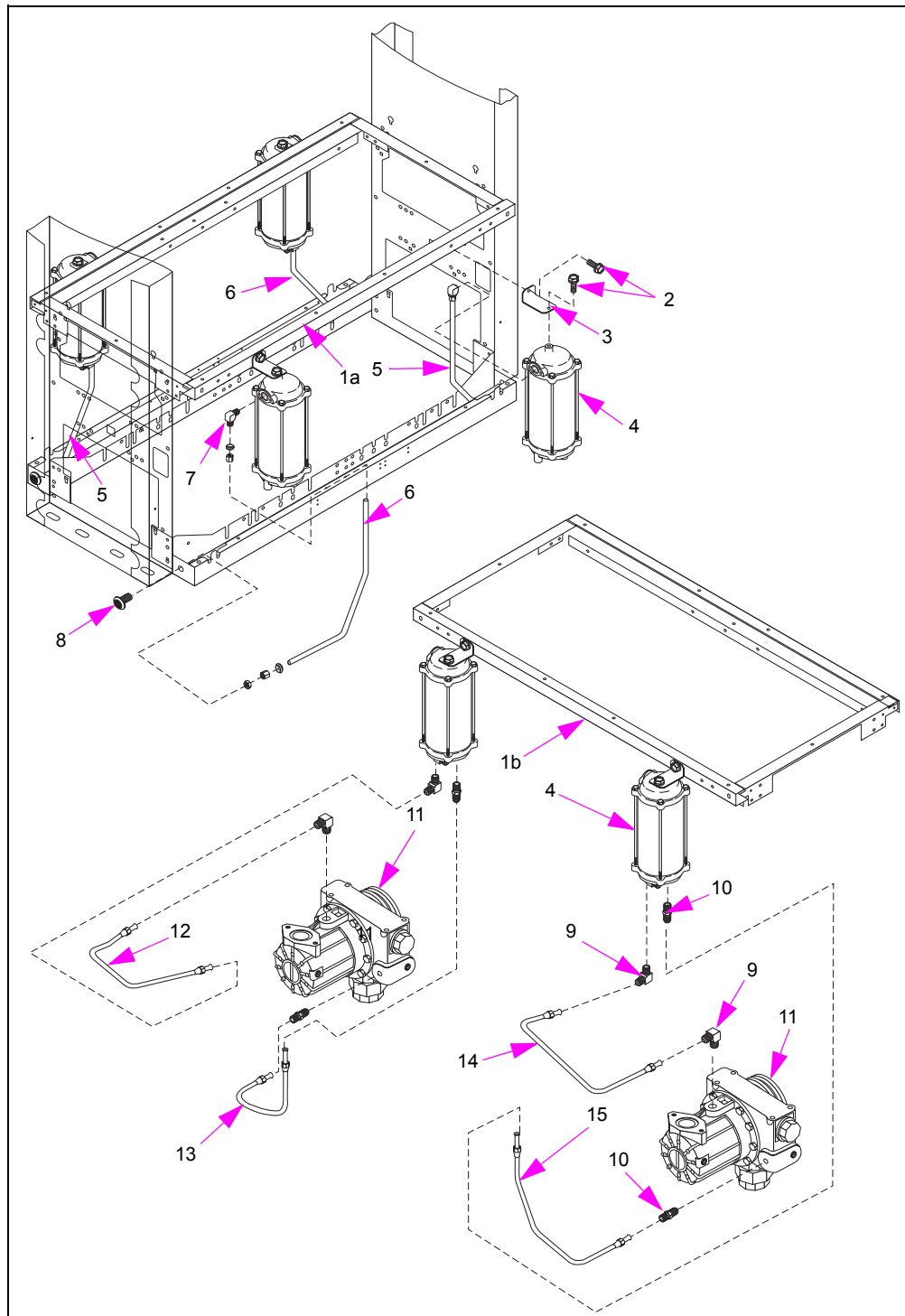
Item #	Part Description	Current Part	Previous Part	Quantity
1	Sump Assembly	PA0013-179	-	2
2	Sump Mounting Bracket (obsolete, see note 1)	-	N23426	2
3	Elbow Fitting, 3/8" X 90°	Q12503-01	-	2
4	Bolt, 3/8-16 X 5/8" (obsolete, see note 1)	-	K44046	2
5	Screw, 5/16-18 X 3/4"	K85736-43	-	2
6	Elbow Fitting, Flared, 3/8" X 90°	Q10001-12	-	2
7	Elbow Fitting, Flared, 1/2" X 90°	Q10001-20	-	2
8	Ferrule, Compression Fitting, 3/8"	K43260	-	(see note 2)
9	Nut, Compression Fitting, 3/8"	Q12505-01	-	(see note 2)
10	Nut, Hexagonal Check, 9/16-24"	Q10985-02	-	(see note 2)
11	Vent Fitting Assembly	N21861-02	-	(see note 2)
12	Inlet Tube Assembly, Product 1 and Product 2	R20300-G1	-	(see note 2)
13	Return Tube Assembly, Product 1 and Product 2	T19725-G1	-	(see note 2)
14	Vent Tube, Product 1	W03106	-	1
15	Vent Tube, Product 2 (obsolete, see note 1)	-	W03105	1
Notes: 1. No replacement. 2. Quantity varies with model. 3. All parts may not be available as spare parts.				

Sump Assembly - 48-inch Frames, 3 Product



Item #	Part Description	Current Part	Previous Part	Quantity
1	Elbow Fitting, 3/8" X 90°	Q12503-01	-	3
2	Screw, 5/16-18 X 3/4" (see note 1)	K85736-43	-	2
3	Sump Assembly	PA0013-179	-	3
4	Sump Mounting Bracket	R19472-01	-	1
5	Screw 1/4-20 X 1/2"	Q11889-02	-	6
6	Elbow Fitting, Flared, 3/8" X 90°	Q10001-12	-	6
7	Elbow Fitting, Flared, 1/2" X 90°	Q10001-20	-	6
8	Ferrule, Compression Fitting, 3/8"	K43260	-	(see note 1)
9	Vent Fitting Assembly	N21861-02	-	(see note 1)
10	Nut, Compression Fitting, 3/8"	Q12505-01	-	(see note 1)
11	Nut, Hexagonal Check, 9/16-24"	Q10985-02	-	(see note 1)
12	Return Tube Assembly, Product 1 (obsolete, see note 2)	-	T18234-G1	1
13	Inlet Tube Assembly, Product 1 (obsolete, see note 2)	-	T18233-G1	1
14	Vent Tube, Product 1 (obsolete, see note 2)	-	T18231-01	1
15	Return Tube Assembly, Product 3 (obsolete, see note 2)	-	T18238-G1	1
16	Inlet Tube Assembly, Product 3 (obsolete, see note 2)	-	T18237-G1	1
17	Vent Tube, Product 3 (obsolete, see note 2)	-	T18231-02	1
18	Return Tube Assembly, Product 2 (obsolete, see note 2)	-	T18236-G1	1
19	Inlet Tube Assembly, Product 2 (obsolete, see note 2)	-	T18235-G1	1
20	Vent Tube, Product 2 (obsolete, see note 2)	-	T18232	1
Notes: 1. Quantity varies with model. 2. No replacement. 3. All parts may not be available as spare parts.				

Sump Assembly - Four-grade Pump



Item #	Part Description	Current Part	Previous Part	Quantity
1	Frame Members (shown for reference)			
1a	• Hydraulic Support Rail Shown with Unit Columns (a side of unit)			
1b	• Hydraulic support, shown Alone for Clarity (a side of unit)			
2	Screw, Cap, 3/8-16 X 1/2" long	Q11889-22	-	8
3	Bracket, Sump Mounting	R20615-01	-	4
4	Sump Assembly	PA0013-179	-	4
5	Vent tube, Sump, Right Side	T20346-01	-	2
6	Vent Tube, Sump, Left Side	T20345-01	-	2
7	Elbow, Compression Fitting, 3/8" X 90°	Q12503-01	-	4
8	Vent Fitting	N23927-01	-	4
9	Elbow, Flared Fitting, 3/8" X 90°	Q10001-12	-	8
10	Connector, Male Flare, 1/2"	Q10008-21	-	8
11	Pump and Air Separator Assembly (refer to "Gerotor Pumping Unit" on page 7-10)	W03002-G26C	-	4
12	Inlet Tube Assembly, Sump, (left side, facing unit)	N23890-G1	-	2
13	Return Tube Assembly, Sump, (left side, facing unit)	N23889-G1	-	2
14	Inlet Tube Assembly, Sump, (right side, facing unit)	R20609-G1	-	2
15	Return Tube Assembly, Sump, (right side, facing unit))	R20608-G1	-	2

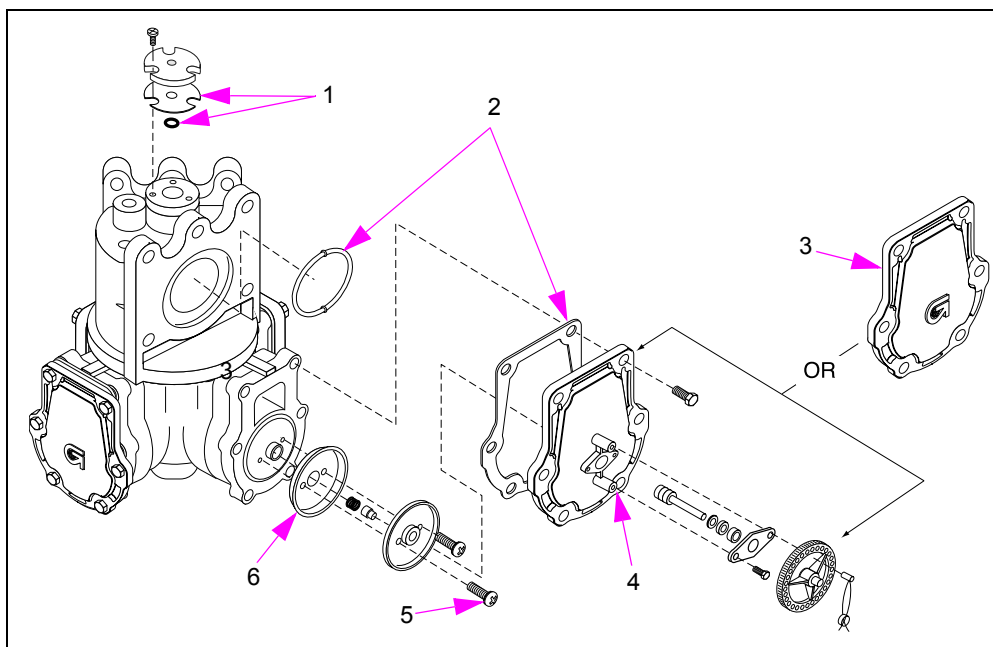
C Meter (PA024xCxxxx)

The PA024xCxxxx model number can be any of the following:

• PA024NC03M	• PA024TC10	• PA024EC01
• PA024NC04M	• PA024TC11	• PA024EC02
• PA024NC10	• PA024TC20	
• PA024NC12B	• PA024TC21	
• PA024NC12M	• PA024TC22	
• PA024NC13	• PA024TC23	
• PA024NC14M	• PA024TC24	
• PA024NC20M	• PA024TC25	
• PA024NC35	• PA024TC26	
• PA024NC54	• PA024TC28M	
• PA024NC68M	• PA024TC30	
• PA024NC91M		
• PA024NC103M		
• PA024NC107		
• PA024NC108		
• PA024NC109M		
• PA024NC110B		

Notes:

1. When purchasing as a spare part, add S at the end of the part number.
For example, PA024TC10S.
2. All parts may not be available as spare parts.



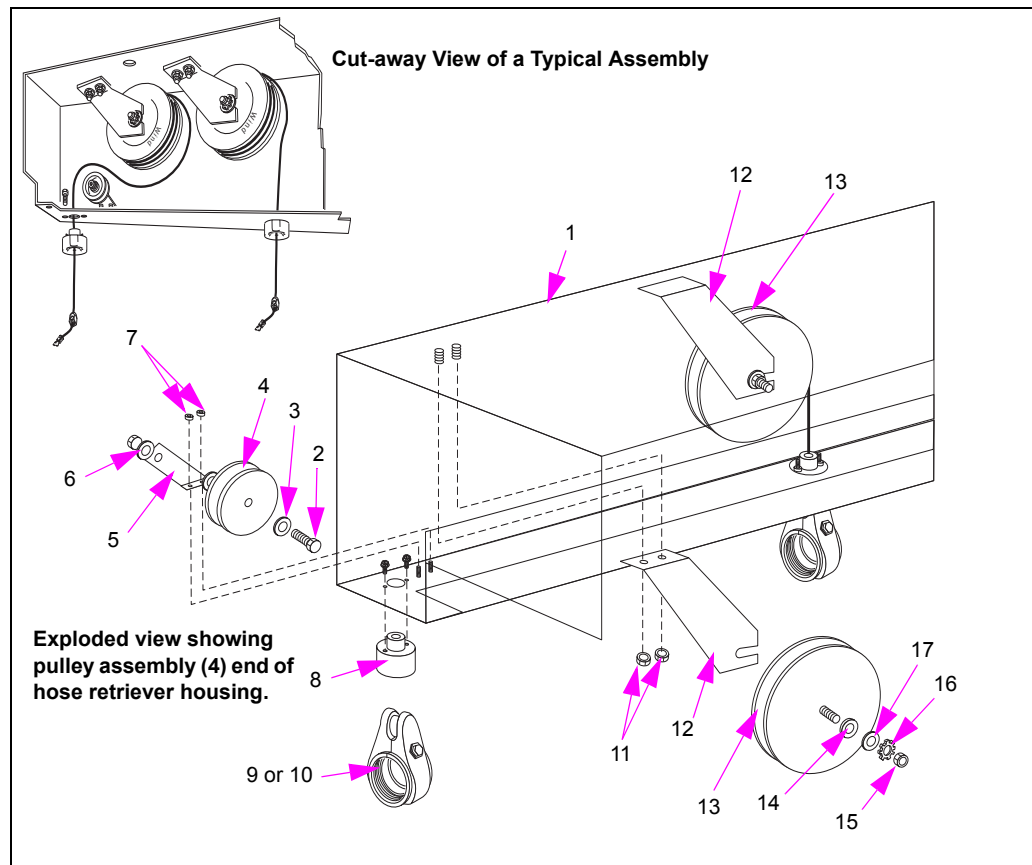
Item #	Part Description	Current Part	Previous Part	Quantity
1	Quad Ring Kit (shaft seals, gaskets, and alignment tools to service 10 meters)	K35222	-	1
2	Gasket and O-ring Kit (includes cover gaskets and o-rings, flange o-rings)	K35359	-	1
3	Cylinder Cover, Plain	N08028	-	1
4	Adjustment Screw and Cylinder Cover Assembly	N08086	-	1
5	Screw, 10-32 X 5/8", SST	Q11860-01	-	8
6	Piston Cup, Formed (see note 1)	N21252	-	4
Not Shown				
-	Meter Check Valve Kit (includes check valve, o-rings, adapter) (see note 3)	K94254-01	-	1
Notes: 1. Purchase Master Seal Kit (K96618) which includes N21252. 2. All parts may not be available as spare parts. 3. END 1747 Sealant, Loctite® 510, 250 ml Tube (enough to reseal connecting bars on 50 meters)				

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8 – Hose Retrievers Section

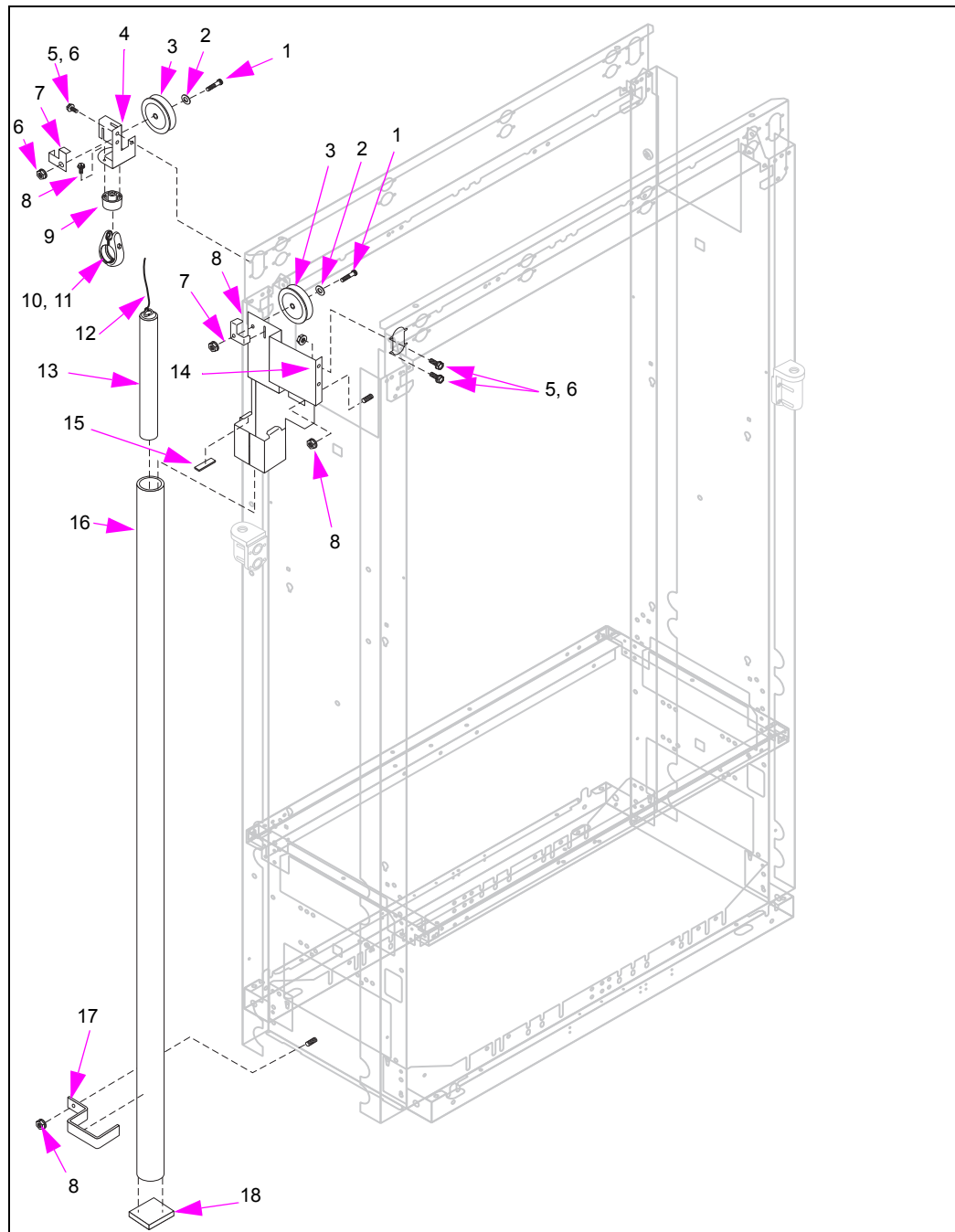
Hose Retriever Kits (K35518, K35519, K35520, and K35521)

Note: Hose Retriever kit K35518 is obsolete with no replacement.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Housing Assembly, Hose Retriever	W02882-G1 W02886-G1	-	(see note 1)
2	Bolt, Shoulder, 5/16-18 X 1-1/4"	Q10113-02	-	1
3	Washer, 3/8"	K02206	-	1
4	Pulley Assembly	M06434A001	K85151	1
5	Pulley Bracket	N22363	-	1
6	Nut, 5/16-18	Q10113-02	-	1
7	Nut, #10-32	Q11890-03	-	2
8	Nylon Rope Grommet	R18450	-	(see note 1)
9	Hose Clamp, Non-vapor Recovery Hose (assembly, inner halves)			
	• 1" hose, Clamp Assembly	N18320-21	-	(see note 1)
	• Inner Halves Only for 3/4" (for use with N18320-21 assembly)	N18319-04	-	(see notes 1 and 2)
	• Inner Halves Only for 5/8" (for use with N18320-21 assembly)	K35522	-	(see notes 1 and 2)
10	Hose Clamp, Vapor Recovery Hose			
	• VST (balance-vapor)	R19493-01	-	(see note 1)
	• Dayco® (balance-vapor) (see note 3)	R19493-02	-	(see note 1)
	• Clamp Hose (vapor recovery) Goodyear® 1" Flexsteel® Hardwall Hose (obsolete, see note 5)	-	R19493-03	(see note 1)
	• Thermoid (VaporVac)	R19493-04	-	(see note 1)
	• Goodyear (VaporVac) (obsolete, see note 5)	-	K94240	(see note 1)
	• Goodyear Maxxim Premier (balance)	R19493-06	-	(see note 1)
	• Thermoid (balance)	R19493-07	-	(see note 1)
11	Nut, Serrated 5/16-18	Q11890-05	-	(see note 1)
12	Hanger, Cable Reel	R14860	-	(see note 1)
13	Retriever Reel	N20545-03	-	(see note 1)
14	Spacer (part of retriever reel assembly N20545-03) (Spare Parts Item)	N16839-01	-	1
15	Nut, 1/2-13 (part of retriever reel assembly N20545-03)	K01945	-	1
16	Washer, External Tooth Lock	K47433	-	1
17	Washer, Flat	K02208	-	1
Not Shown				
-	Nylon Rope, 84"	K87218-02	-	(see note 1)
Notes: 1. Quantity varies with model. 2. Cannot be used alone, must be used in conjunction with Hose Clamp (N18320-21). 3. Dayco Balance-vapor (R19493-02) was previously sold as part of K35523 kit. 4. All parts may not be available as spare parts. 5. No replacement.				

Extended Reach Hose Retriever Option - MPD Single-hose Only



Notes: 1) This is for 3-grade single side or two side blender + 0.

2) Not offered as a kit, factory built only.

3) Not available on left side of unit.

Used on 3-grade single-hose and blender wide frame.

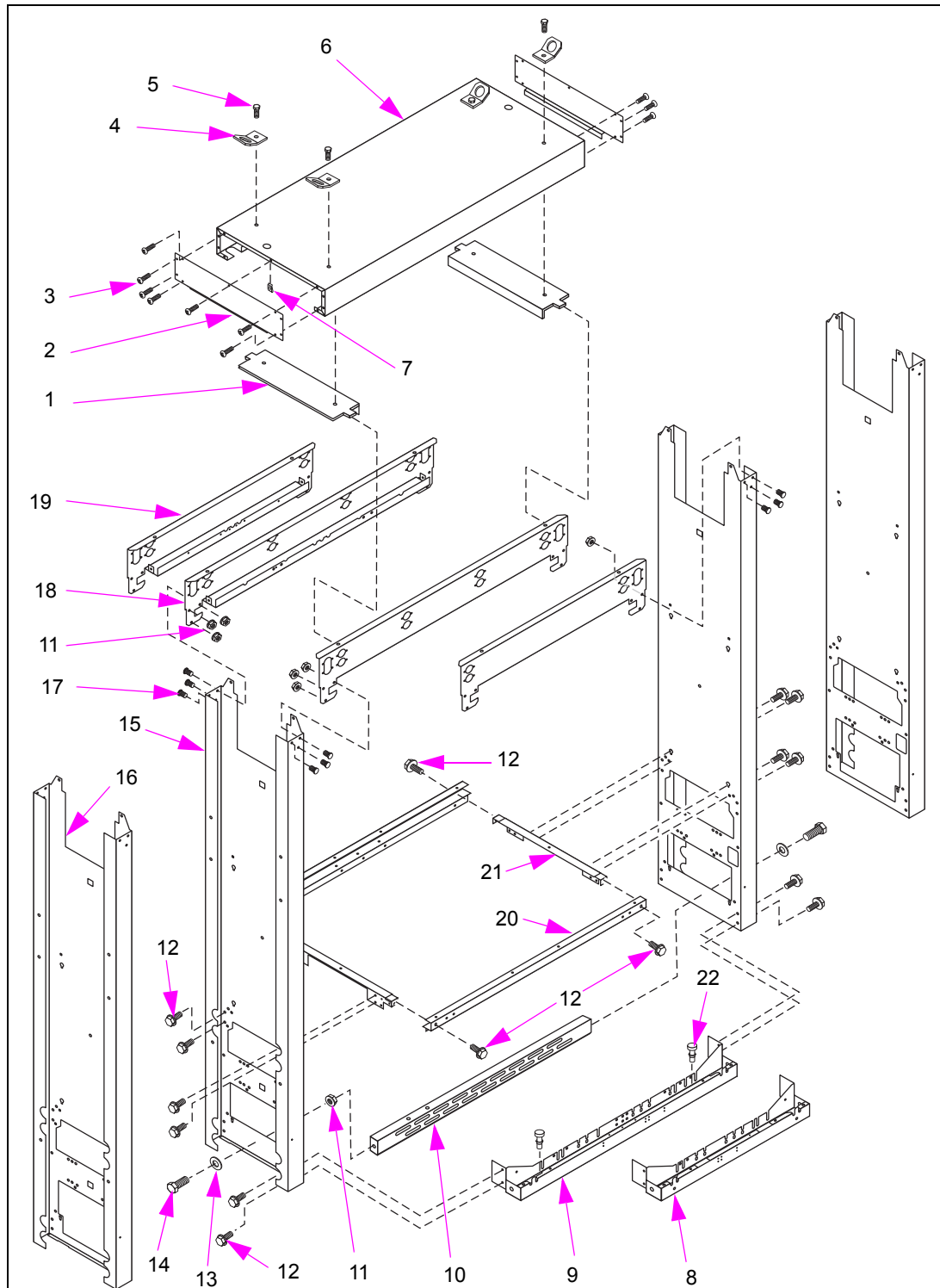
Item #	Part Description	Current Part	Previous Part	Quantity
1	Bolt, Shoulder 5/16-18 X 1-1/4"	Q10113	-	2
2	Washer, Flat	K02206	-	2
3	Hose Pulley	M06434A001	K85151	2
4	Bracket, Retriever Guide	T19002	-	1
5	Bolt, 5/16-18 X 1"	K81837-26	-	4
6	Nut, Serrated 5/16-18	Q11890-05	-	8
7	Cable Guide	N23485	-	2
8	Screw, Slotted 10-24 X 5/8"	K85149-03	-	2
9	Cable Grommet	R18450	-	1
10	Hose Clamp, Non-vapor Recovery Hose (assembly, inner halves)			
	• 1" hose, Clamp Assembly	N18320-21	-	(see note 1)
	• Inner Halves only for 3/4" (for use with N18320-21 assembly)	N18319-04	-	(see notes 1 and 2)
	• Inner Halves only for 5/8" (for use with N18320-21 assembly)	K35522	-	(see notes 1 and 2)
11	Hose Clamp, Vapor Recovery Hose			
	• VST (balance-vapor)	R19493-01	-	(see note 1)
	• Dayco (balance-vapor) (see note 3)	R19493-02	-	(see note 1)
	• Clamp Hose (vapor recovery) Goodyear 1" Flexsteel Hardwall Hose (obsolete, see note 4)	-	R19493-03	(see note 1)
	• Thermoid (VaporVac)	R19493-04	-	(see note 1)
	• Goodyear (VaporVac) (obsolete, see note 4)	-	K94240	(see note 1)
	• Goodyear Maxxim Premier (balance)	R19493-06	-	(see note 1)
	• Thermoid (balance)	R19493-07	-	(see note 1)
12	Cable			
	• Standard 48"	N23533-01	-	(see note 1)
	• Special 72"	N23533-02	-	(see note 1)
	• Hyper Reach 84"	N23533-03	-	(see note 1)
13	Weight, Retriever Assembly	R19919-G1	-	1
14	Bracket, Retriever Weight	T20113-01	-	1
15	Pad, Neoprene	N23543	-	2
16	Guide Tube (for retriever weight)	R19925	-	1
17	Clamp, Pipe	N23493	-	1
18	Pad, Neoprene	N23530	-	1

Notes:

1. Quantity varies with model.
2. Cannot be used alone, must be used in conjunction with Hose Clamp (N18320-21).
3. R19493-02 Dayco (balance-vapor) was previously sold as part of K35523 kit.
4. No replacement.
5. Quantity shown in this table refers to retriever assembly for one side of unit.
6. All parts may not be available as spare parts.

9 – Frames and Sheathing Section

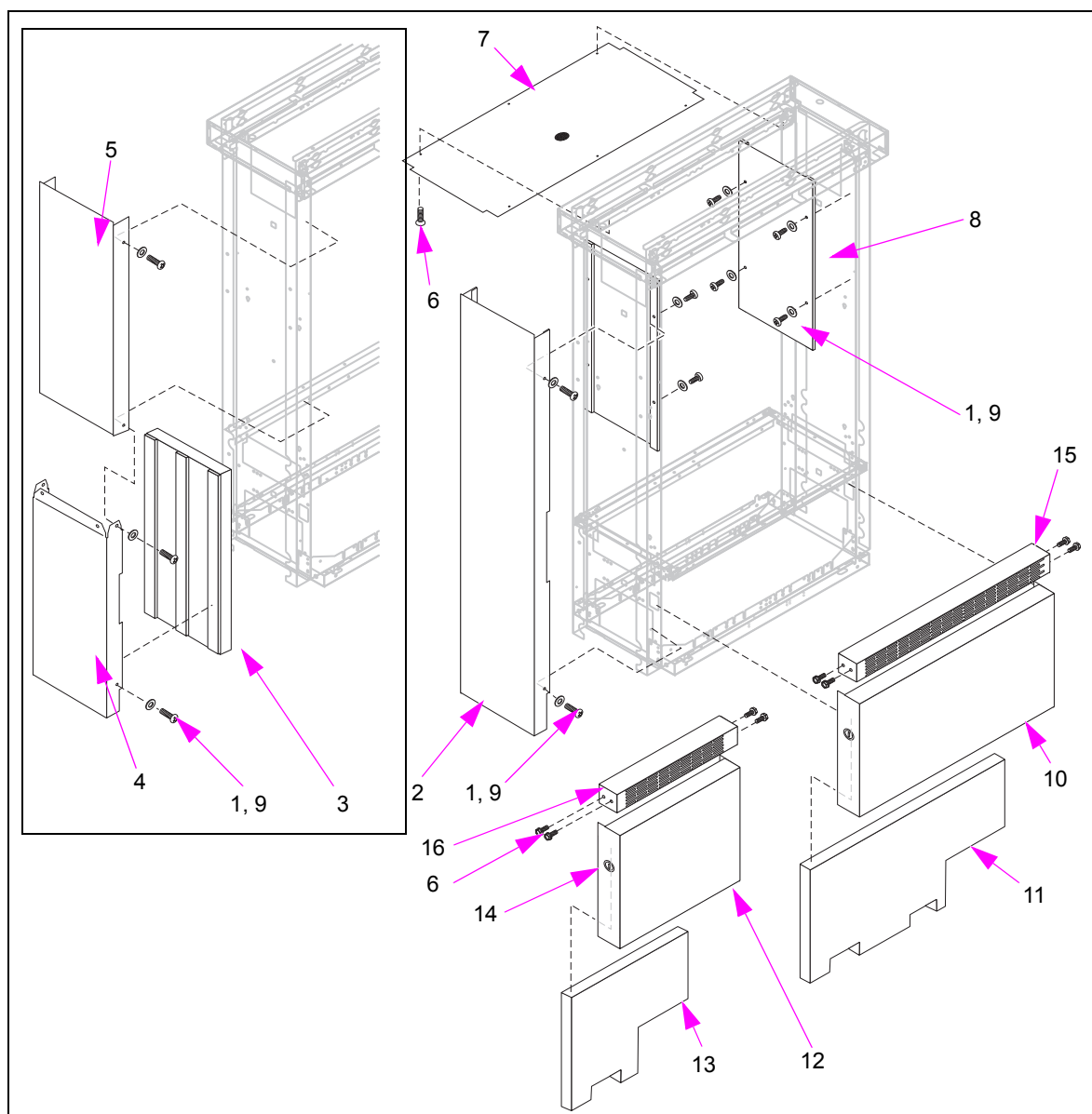
Frames



Item #	Part Description	Current Part	Previous Part	Quantity
1	Internal Lifting Bracket (obsolete, see note 5)	-	T19853-G1 T18842-G1	2
2	End Cover, Upper Housing – Wide Frame End Cover, Upper Housing – Narrow Frame	W03866-G1**B0 W03867-G1**B0	W02988-02	2
3	Screw, 10-32 X 1/2"			
	• Stainless Steel	Q11270-174	-	(see note 1)
	• Black	Q11270-274	-	(see note 1)
4	Lifting Bracket	N23295	-	4
5	Bolt, 3/8-16 X 1" (8-grade, lifting component)	Q12617-01	-	4
6	Cover, Upper Housing			
	• 48", 3-grade, Black	W03866-G1	W02982-01	1
	• 48", Black, for MPD 4-grade	W03866-G1	W02982-03	1
	• 48", Painted (black)		W02982-04 (see note 2)	
	• 48", Painted (black), for MPD 4-grade		W02982-05 (see note 2)	
	• 36", 1- or 2-grade, Single-hose, Black	W03867-G1	W03016-01	1
	• 36", 1- or 2-grade, Single-hose, Painted		W03016-02	
	• 36", 2-grade, dual-hose, Black (obsolete, see note 5)	-	W03063-01	-
7	Speed Nut, Type U	K81038-26	-	(see note 1)
8	Base, 36" (black)	W03578-01**B0	W02973-02	2
9	Base, 48" (black)	W03573-01**B0	W02954-02	2
10	Inlet Piping Support (dispenser only)			
	• 36"	T20129-01	T18853-01	1
	• 48"	T20101-01	T18841-01	1
11	Nut, 5/16-18	Q11890-05	-	(see note 1)
12	Screw, 5/16-18 X 3/4"	K85736-43	-	(see note 1)
13	Washer	K42999	-	2
14	Bolt, 5/16-18 X 7/8"	K45523	-	2
15	Column, Dispensers	W02972-03 W02972-02	W02972-02 T18748-G2	2
16	Column, Pumps	W03112-03 W03112-02	W03112-02 W03112	2
17	Stud, 5/16-18 X 1/2"	K83677-20	-	8
18	Upper Piping Housing Support, 48"	W03650-01 W02971-03 W02971-02	W02971-03 W02971-02 W02971-01	2
19	Upper Piping Housing Support, 36" – Single-hose Blender	W03666-01	W03012-02	2
	Upper Piping Housing Support, 36" – Dual-hose Blender (obsolete, see note 6)	-	W03012 W03666-02	
20	Rail Support, Hydraulics			
	• 36"	T18507-02**B0	-	2
	• 48"	T18407-03	T18407-02	2
21	Rail End, Hydraulics	W03648-01	W02956-02	2
22	Rubber Bumper	Q10775-05	-	4

Item #	Part Description	Current Part	Previous Part	Quantity
Not Shown				
-	For Hose Outlet Plug • Bracket • Nut • Cover	N23308 Q10099-01 R19442-G1	-	1
Notes: 1. Quantity varies with model. 2. Order-entry item and specify the color and graphics while ordering. 3. **B0 indicates black color is required. 4. All parts may not be available as spare parts. 5. No replacement. 6. W03666-02 is obsolete and no replacement.				

Sheathing



Item #	Part Description	Current Part	Previous Part	Quantity
1	Screw, 10-32 X 1/2"			
	• Stainless Steel	Q11270-174	-	(see note 1)
	• Black	Q11270-274	-	(see note 1)
2	One-piece Outer Sheathing			
	• Stainless Steel (obsolete, see note 2)	-	W02981-01	2
	• Black (obsolete, see note 2)	-	W02981-02	2
	• Extended Reach Model (stainless steel)	W03285-01	-	2
3	Column Insulation (pumps only) (see note 3) (obsolete, see note 2)	-	R19744	2
4	Outer-lower Sheathing, Painted Black, Two-piece (see notes 4 and 5) (obsolete, see note 6)	-	W03104-06 W03104-03	2
5	Outer-upper Sheathing, Painted Black, Two-piece (see note 4) (obsolete, see note 2)	-	W03103-06 W03103-03	2
6	Screw			
	• Stainless, 10-32 X 3/8"	K85736-47	-	(see note 1)
	• Black, 10-32 X 3/8"	K85736-45	-	(see note 1)
7	Bottom Plate, Upper Housing			
	• 48", black	T18837-01	T18752	1
	• 48", painted (see note 4)	T18837-02**B0	T18752	1
	• 36", black	T18838-02**B0	T18838-01	1
	• 36", painted (see note 4)	T18838-02**B0	T18752	1
8	Inner Sheathing			
	• Stainless steel	W03078-01	-	2
	• Black	W03078-05**B0	W03078-02	2
	• Painted (black)	W03078-03**B0	-	2
9	Nylon Washer, Black (used with Q11270-274 Screw; see Item #1)	K90997	-	(see note 1)
10	Lower Access Panel, 48" (with lock and keys)			
	• White	W02755-G1	-	2
	• Stainless steel	W02755-G2	-	2
	• Painted	W02755-GXX (see note 2)	-	2
11	Lower Door Insulation, 48" (pumps only)			
	• Side A (obsolete, see note 2)	-	R19747	1
	• Side B (obsolete, see note 2)	-	R19748	1
12	Lower Access Panel, 36" (with lock and keys)			
	• White	W02959-G1	-	2
	• Stainless Steel	W02959-G2	-	2
	• Painted	W02959-GXX (See note 4)	-	2

Item #	Part Description	Current Part	Previous Part	Quantity
13	Lower Door Insulation, 36" (pumps only)			
	• Side A (obsolete, see note 2)	-	R19745	1
	• Side B	R19745	R19746	1
14	Key (see note 8)	K83512-25S	K83512-25	4
	Lock Assembly	K94246-01	-	4
15	Air Gap Grill, 48" Units			
	• Dispenser (black)	T20001-01**B0	T18462-01	2
	• Pump (obsolete, see note 2)	-	W03113	2
16	Air Gap Grill, 36" Units			
	• Dispenser (black)	T20083-01**B0	T18509-01	2
	• Pump (black) (obsolete, see note 2)	-	W03114****B0	2

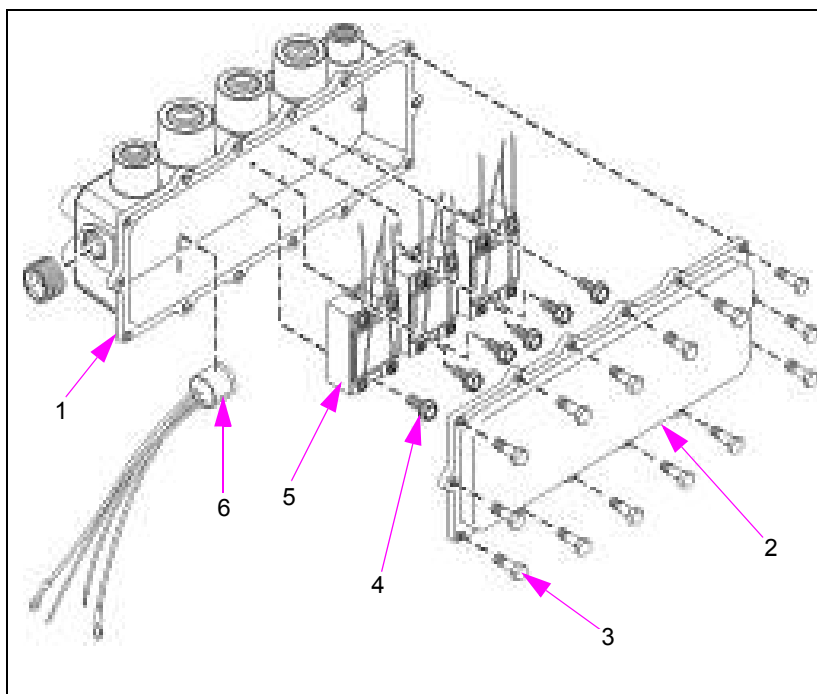
Notes:

1. Quantity varies with model.
2. No replacement..
3. Column Insulation (R19744) is not sold individually.
4. Order-entry item. Please specify color and graphics when ordering.
5. Outer-lower sheathing, painted black, two-piece W02871-04**B0 is not sold individually.
6. W03104-06 is obsolete and no replacement.
7. **** B0 indicates color code (black) is required.
8. Key (K83512-25) is now sold in packages of 10 keys. Individual keys are no longer sold as of 2/24/12.
9. All parts may not be available as spare parts.

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10 – Junction Box and Conduit Section

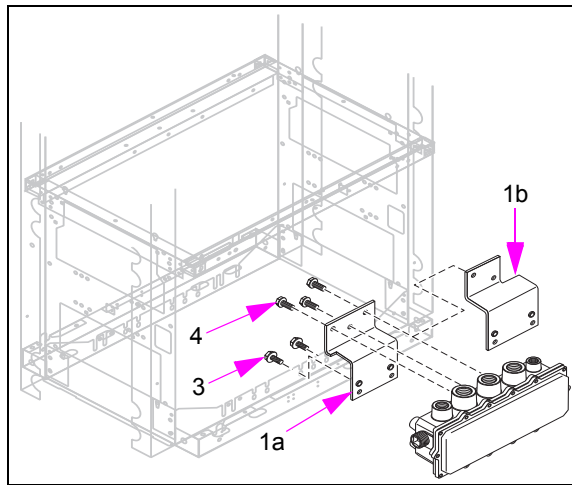
Junction Box [J-box (All Grades)]



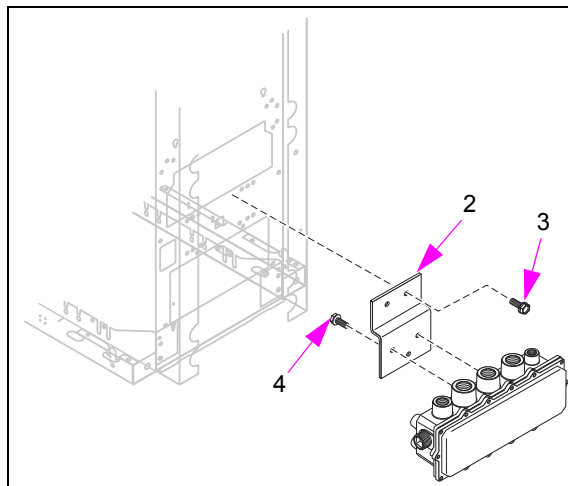
Item #	Part Description	Current Part	Previous Part	Quantity
1	J-box (all grades)	W02948-12	W02948-G12 W02948-G11 W02948-G10 W02730-G10	1
2	J-box cover	W02814-10	-	1
3	Bolt, #1/4-20 X 3/4"	K43625	-	14
4	Screw, #8-32 X 3/8"	K85736-06	-	(see note 1)
5	Solid State Relay (single phase solid state only; AC input) (see note 2)	Q11008-04	-	(see note 1)
6	Varistor			
6a	• 110/115/120 VAC	T17448-G1	-	1
6b	• 220/230/240 VAC	T17448-G3	T17448-G2	1
Notes: 1. Quantity varies with model. 2. Self contained pumps use relays located in the J-box for pump motor control. 3. All parts may not be available as spare parts.				

J-box Brackets

J-box Brackets (All except Four-grade Pump)

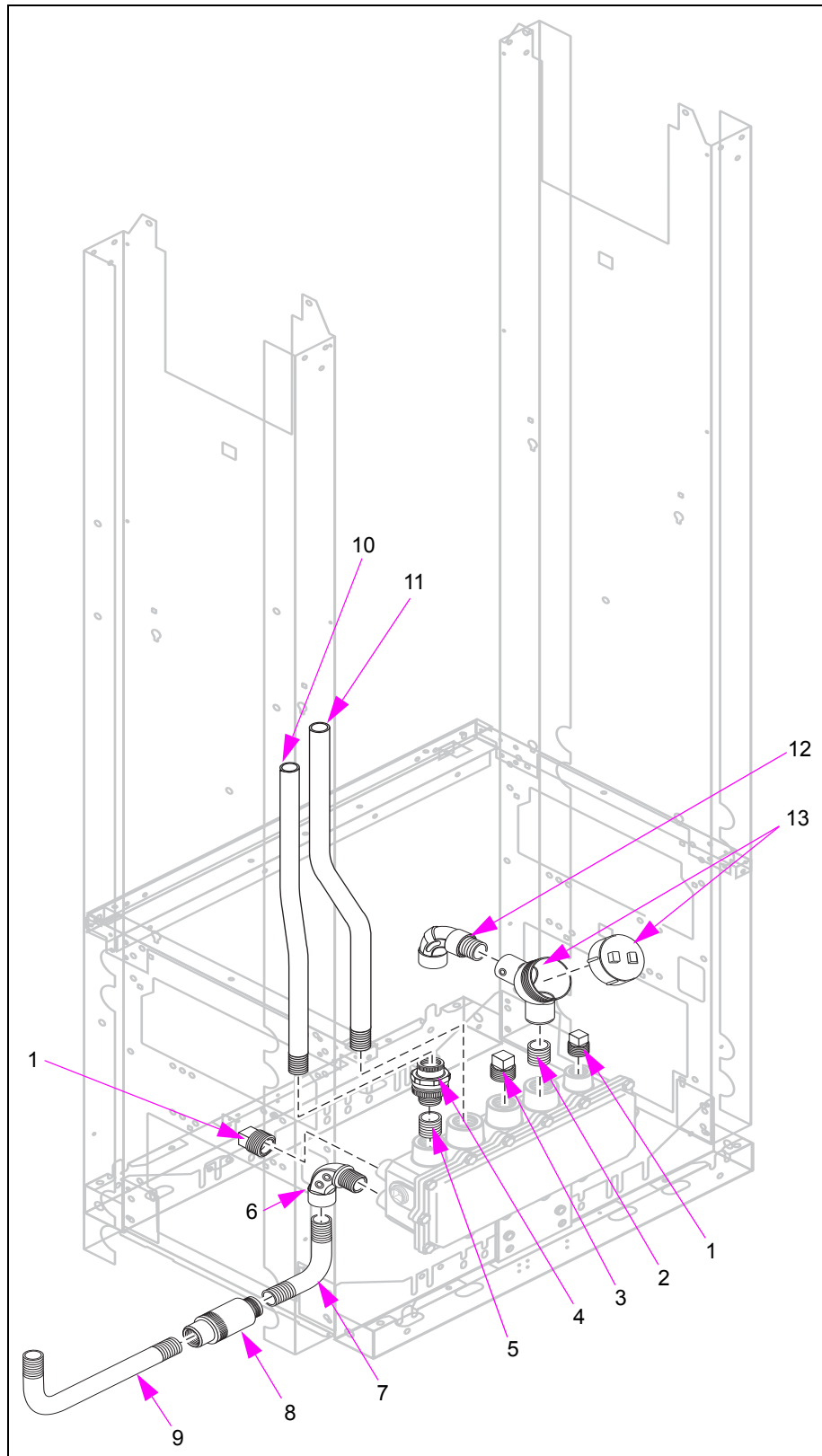


J-box Brackets (Four-grade Pump Only)



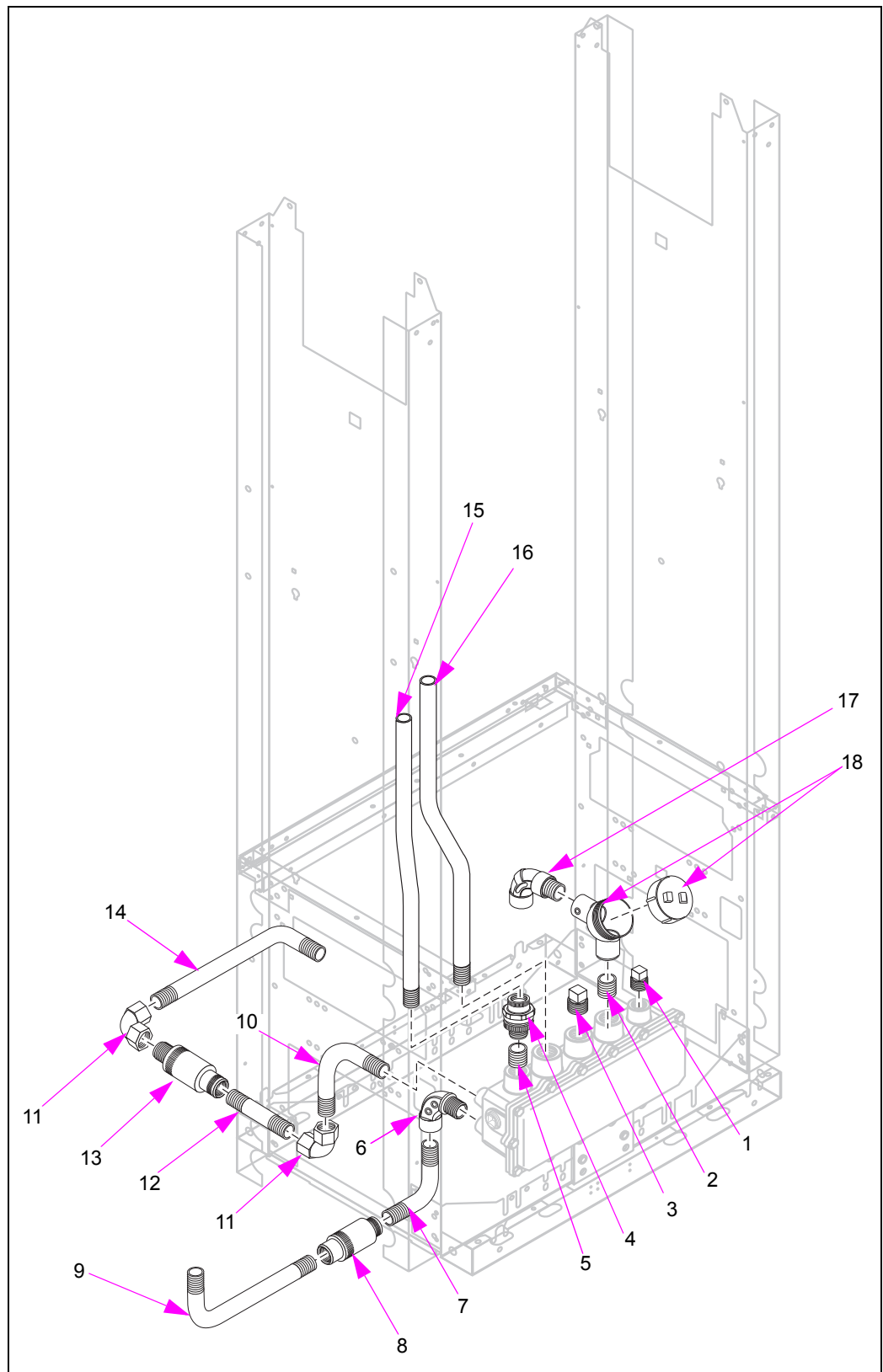
Item #	Part Description	Current Part	Previous Part	Quantity
1	Mounting Bracket			
1a	• Dispensers	T18160-02	T18160-01	1
1b	• Pumps (except 4-grade pump)	R19718	-	1
2	J-box Bracket (4-grade pump)	R20612-01	-	1
3	Screw, #5/16-18 X 3/4"	K85736-43	-	2
4	Screw, #5/16-18 X 1/2"	Q11889-12	-	3
Not Shown				
-	J-box Brackets			

Conduit - 36-inch Single-grade Pump



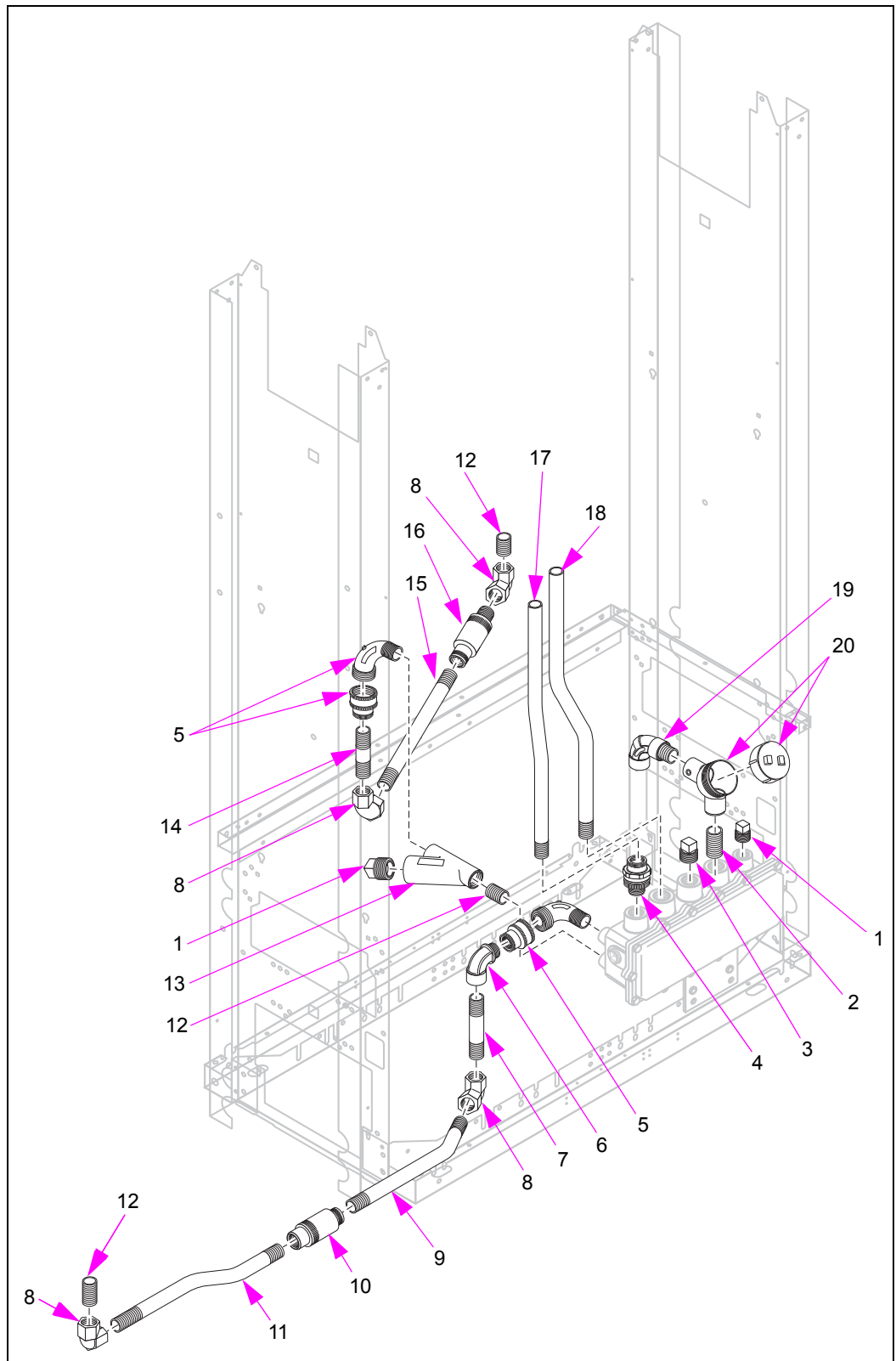
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	1
2	Nipple, Conduit, 1 X 3/4"	R11978-03	R11978-01	1
3	Pipe Plug, 1"	K02283	-	1
4	Union, Conduit, 1/2"	Q10016-04	-	1
5	Reducer, Conduit, 3/4"	K49827	-	1
6	Elbow, Conduit, 1/2" X 90° (M X F)	K42448	-	1
7	Motor Conduit (product 1)	R12579-126	-	1
8	Expansion Union	N16289-21	-	1
9	Motor Conduit (product 1)	R12579-124	-	1
10	Conduit and Wire Assembly (3-phase pumps only) (obsolete, see note 1) (see note 2)	R19483-G7 R19483-G9	R19483-G2	1
11	Conduit and Cable Assembly (Spare Parts Item) – Narrow Frame	W03583-G2	W03583-G1 T18474-G9	1
12	Elbow, Conduit, 1" X 90° (M X F)	Q11643	-	1
13	Elbow, Capped Y, 1"	Q12730-01	-	1
Note: 1. R19483-G2 is obsolete with no replacement. 2. R19483-G7 is a spare parts item.				

Conduit - 36-inch Two-grade Pump



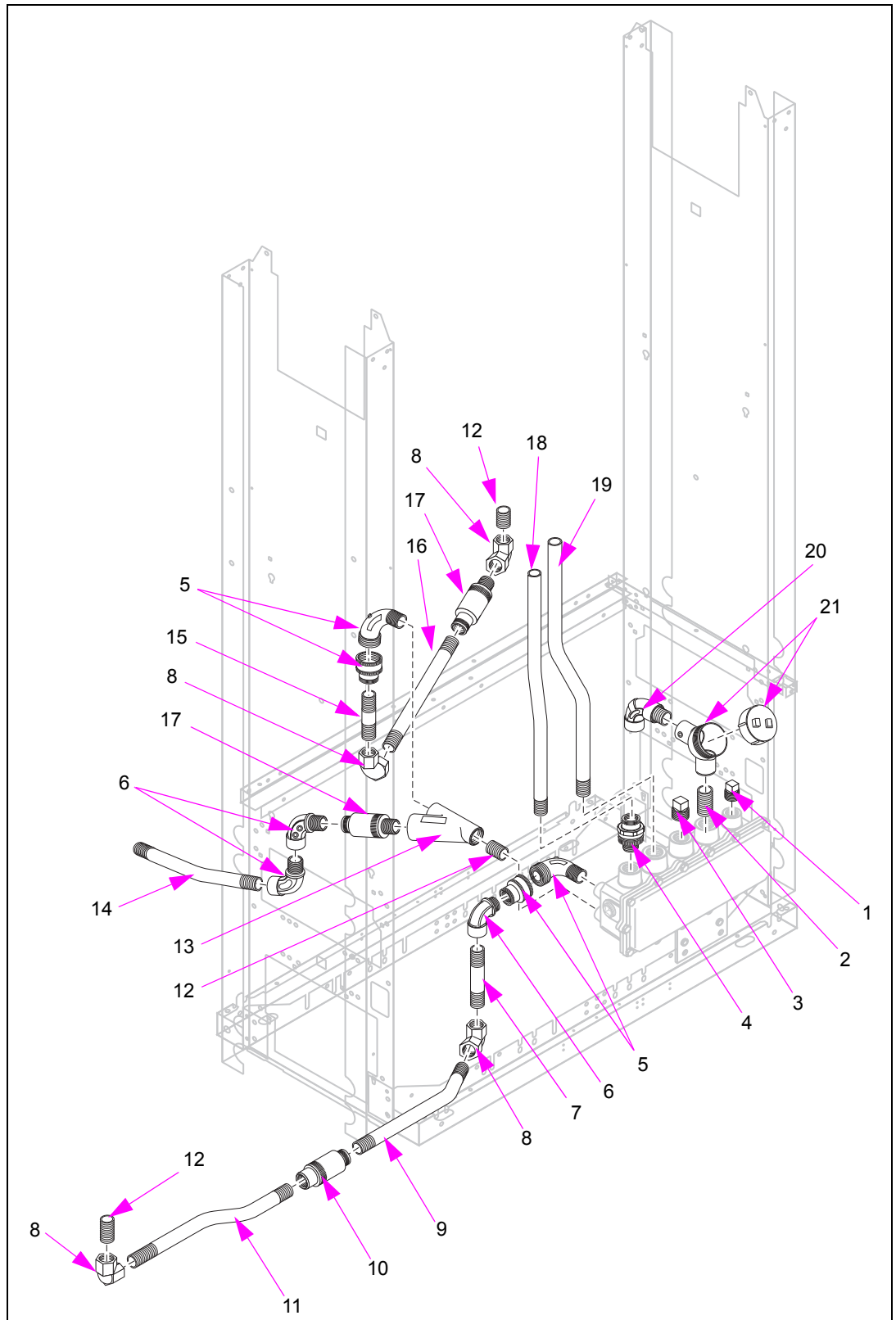
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	2
2	Nipple, Conduit, 1 X 3/4"	R11978-03	R11978-01	1
3	Pipe Plug, 1"	K02283	-	1
4	Union, Conduit, 1/2"	Q10016-04	-	1
5	Reducer Conduit, 3/4"	K49827	-	1
6	Elbow Conduit, 1/2" X 90° (M X F)	K42448	-	1
7	Motor Conduit (Product 1)	R12579-126	-	1
8	Expansion Union, 1/2" (F X F)	N16289-21	-	1
9	Motor Conduit (Product 1)	R12579-124	-	1
10	Motor Conduit (Product 2)	R12579-127	-	2
11	Elbow, Conduit, 1/2" X 90° (F X F)	K42428	-	1
12	Nipple Conduit, 1/2" X 3"	K88207-02	-	1
13	Expansion Union, 1/2" (M X F)	N16289-20	-	1
14	Motor Conduit (Product 2)	R12579-125	-	1
15	Conduit and Wire Assembly [3-phase Pumps Only (Spare Parts Item)]	R19483-G8	R19483-G5 R19483-G4	1
16	Conduit and Wire Assembly (Spare Parts Item)	W03583-G2	W03583-G1 T18474-G9	1
17	Elbow, Conduit, 1" X 90° (M X F)	Q11643	-	1
18	Elbow, Capped Y, 1"	Q12730-01	-	1

Conduit - 48-inch Two-grade Pump



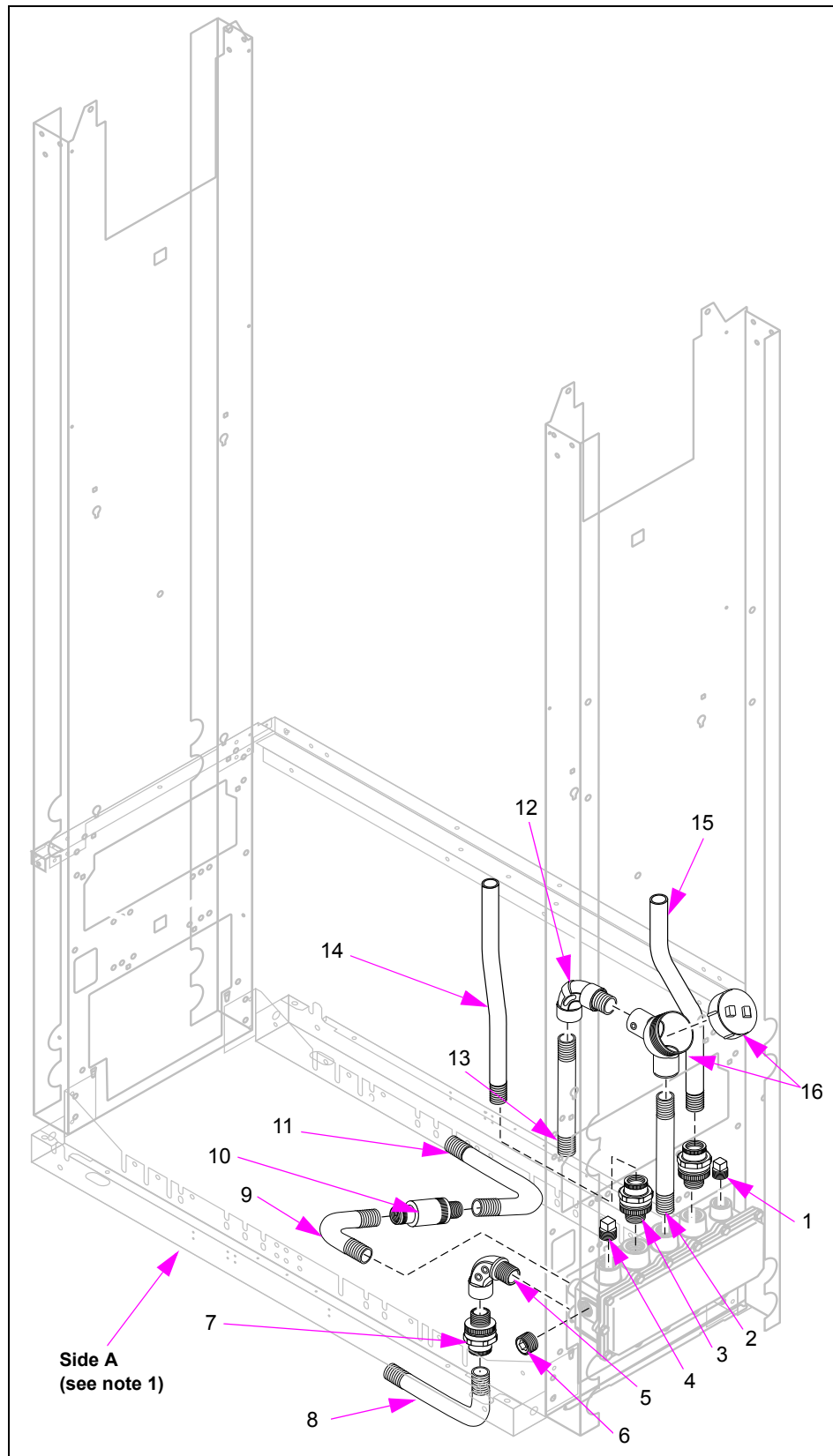
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	1
2	Nipple Conduit, 1 X 1-3/4"	R11978-03	R11978-01	1
3	Pipe Plug, 1"	K02283	-	1
4	Union Conduit, 3/4" (M X F)	Q10016-05	-	1
5	Elbow, Union, 1/2" X 90° (M X F)	K92364	Q10017-02	1
6	Elbow Conduit, 1/2" X 90° (M X F)	K42448	-	1
7	Nipple Conduit, 1/2 X 3-1/2"	R11976-54	K07024	1
8	Elbow Conduit, 1/2" X 90° (F X F)	K42428	-	4
9	Motor Conduit (Product 1)	R19732	-	1
10	Expansion Union, 1/2" (F X F)	N16289-21	-	1
11	Motor Conduit (Product 1)	T18537	-	1
12	Nipple Conduit, 1/2 X 1-1/4"	R11976-57	K10842	3
13	Y Fitting, 45°, 1/2 X 1/2 X 3/4" (F X F X F)	Q10101-01	-	1
14	Motor Conduit (Product 2)	R11976-42	-	1
15	Motor Conduit (Product 2)	R11976-72	-	1
16	Expansion Union, 1/2" (M X F)	N16289-20	-	1
17	Conduit and Wire Assembly [3-phase Pumps Only (Spare Parts Item)]	R19483-G10	R19483-G6 R19483-G3	1
18	Conduit and Wire Assembly (Spare Parts Item)	W03534-G2	W03534-G1 T18474-G8	1
19	Elbow Conduit, 1" X 90° (M X F)	Q11643	-	1
20	Elbow, Capped Y, 1/2" X 90° (M X F)	Q12730-01	-	1

Conduit - 48-inch Three-grade Pump



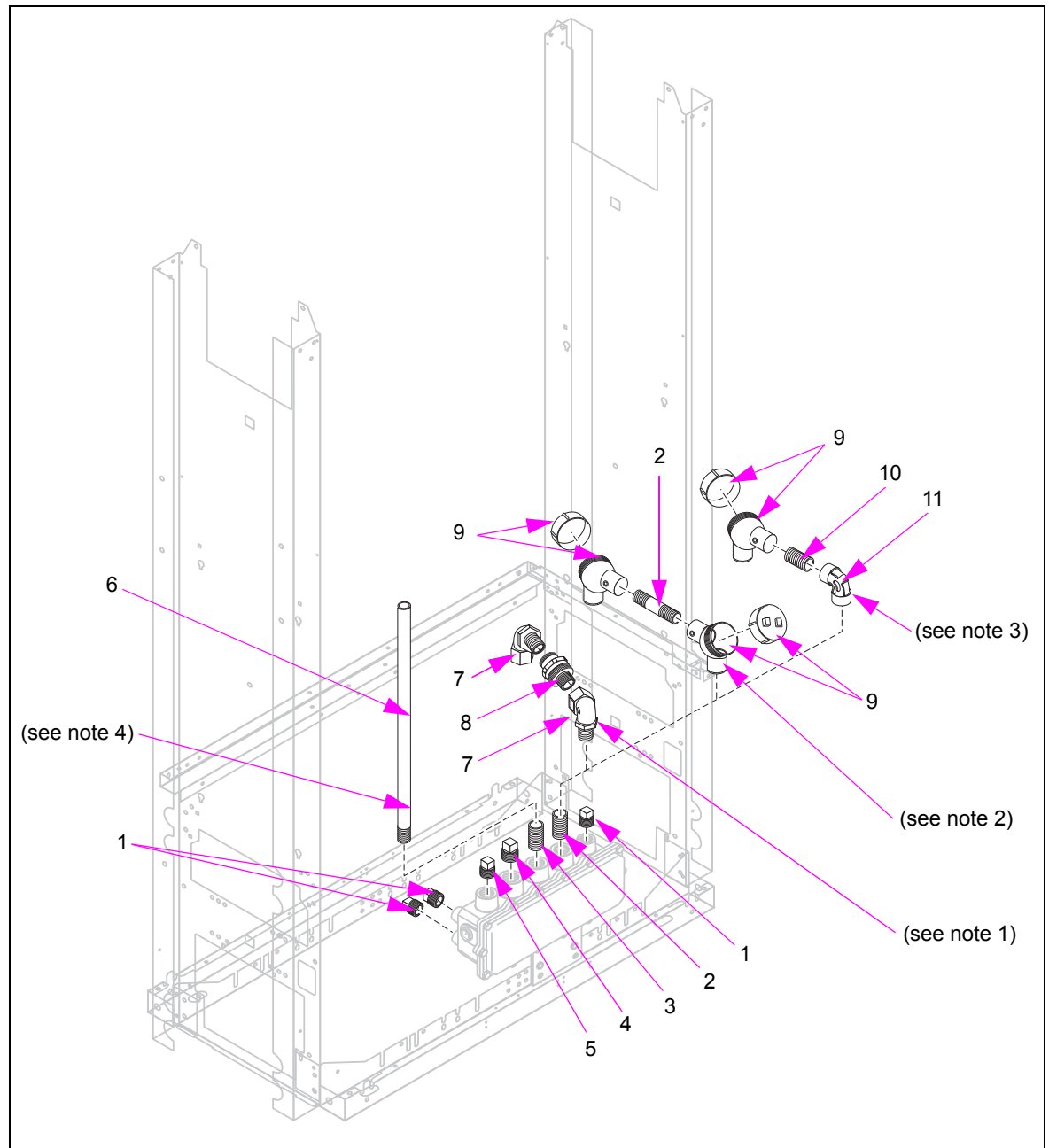
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	1
2	Nipple Conduit, 1 X 1-3/4"	R11978-03	R11978-01	1
3	Pipe Plug, 1"	K02283	-	1
4	Union, Conduit, 3/4" (M X F)	Q10016-05	-	1
5	Elbow, Union, 1/2" X 90° (M X F)	K92364	Q10017-02	1
6	Elbow, Conduit, 1/2" X 90° (M X F)	K42448	-	3
7	Nipple, Conduit, 1/2 X 3-1/2"	R11976-54	K07024	1
8	Elbow, Conduit, 1/2" X 90° (F X F)	K42428	-	4
9	Conduit, Motor (Product 1), 1/2" Aluminum	R19732	-	1
10	Expansion Union, 1/2" (F X F)	N16289-21	-	1
11	Motor Conduit (Product 1), 1/2" Aluminum	T18537	-	1
12	Nipple, Conduit, 1/2 X 1-1/4"	R11976-40	K10842	3
13	Y Fitting, 45°, 1/2 X 1/2 X 3/4" (F X F X F)	Q10101-01	-	1
14	Conduit, Motor, Product 2, 1/2", Aluminum	R19731	-	1
15	Nipple, Conduit, 1/2 X 1-1/2"	R11976-42	K09228	1
16	Nipple, Conduit, 1/2 X 9"	R11976-72	K04128	1
17	Expansion Union, 1/2" (M X F)	N16289-20	-	2
18	Conduit and Wire Assembly [3-phase Pumps only (Spare Parts Item)]	R19483-G10	R19483-G6 R19483-G3	1
19	Conduit and Wire Assembly, 1" (Spare Parts Item)	W03534-G2	W03534-G1 T18474-G8	1
20	Elbow, Conduit, 1" X 90° (M X F)	Q11643	-	1
21	Elbow, Capped Y, 1/2" X 90° (M X F)	Q12730-01	-	1

Conduit - 48-inch Four-grade Pump



Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	1
2	Conduit, 1 X 7-1/4"	R11978-09	-	1
3	Union Conduit, 1"	Q10016-03	-	2
4	Pipe Plug, 3/4"	K02282	-	1
5	Pipe Plug, 3/4 Countersunk	K57624	-	1
6	Elbow Conduit, 1/2" X 90° (M X F)	K42448	-	1
7	Union Conduit, 1/2"	Q10016-04	-	1
8	Conduit 1/2" X 90°	R12579-134	-	1
9	Conduit, 1/2" X 90° (M X F)	R12579-128	-	1
10	Expansion Union, 1/2" (F X F)	N16289-21	-	1
11	Conduit, 1/2" X 90°	R12579-135	-	1
12	Elbow Conduit, 1" X 90° (M X F)	Q11643	-	1
13	Conduit, 1 X 5-1/2"	R11978-04	-	1
14	Conduit and Wire Assembly, 1"	W03836-G2	-	1
15	Conduit and Wire Assembly, 1"	W03520-G5	-	1
16	Elbow, Capped, 1"	Q12730-01	-	1
Notes: 1. Side A is determined by location of the J-box. As you face a 4-grade pump unit, the J-box will be on your right side. 2. All parts may not be available as spare parts.				

Conduit - 48-inch One-, Two-, and Three-grade Dispensers and All Blenders



Notes: 1) Used on all dispensers until 07/30/91. Currently used on MPD 4-grade and blender six-hose.

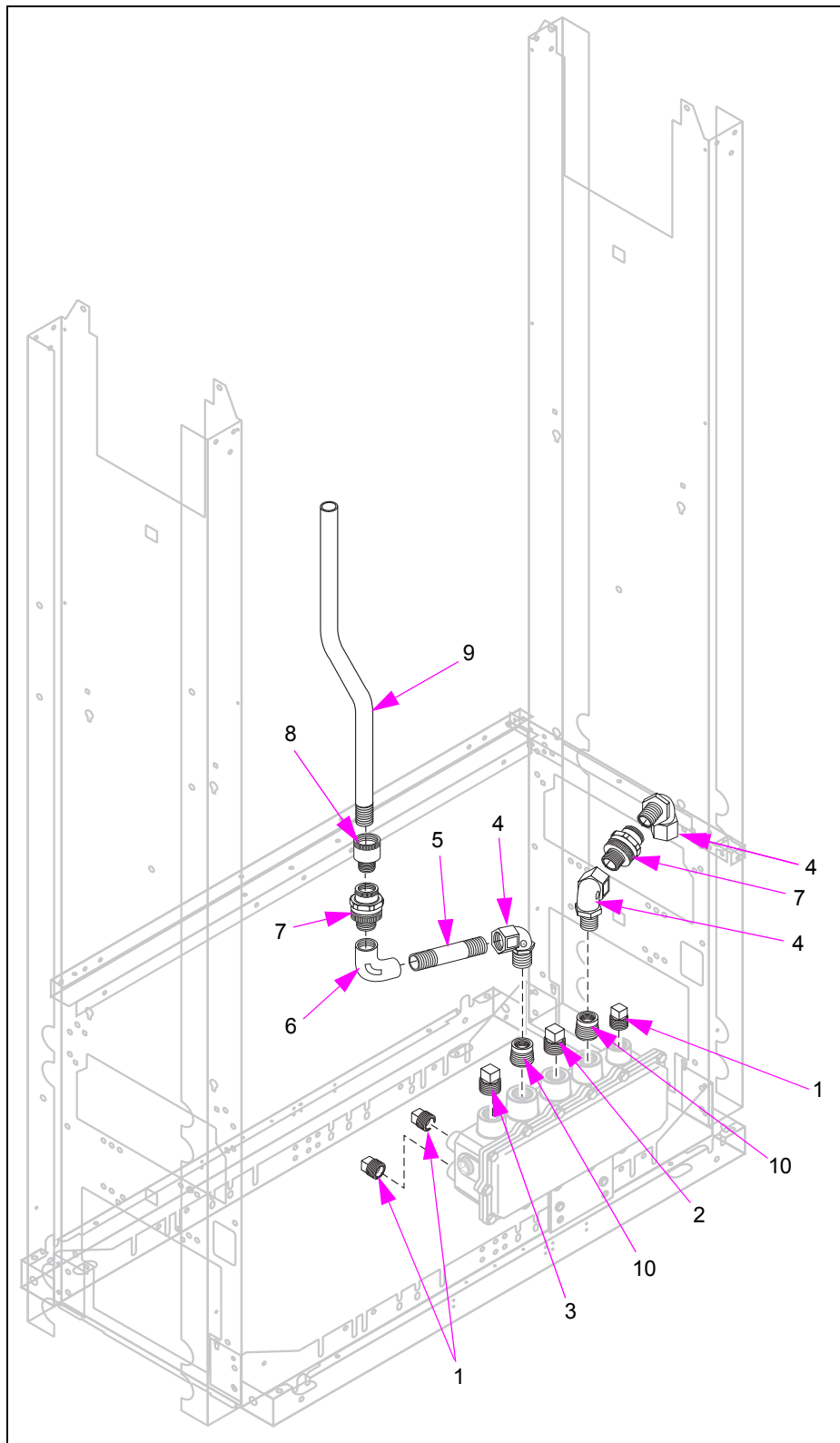
2) Used on all dispensers (except MPD 4-grade and blender 6-hose) from 07/31/91 to 08/31/92.

3) Used on all dispensers (except MPD 4-grade and blender 6-hose) since 09/01/92.

4) Conduit and Wire Assembly (item 6) threads straight into J-box.

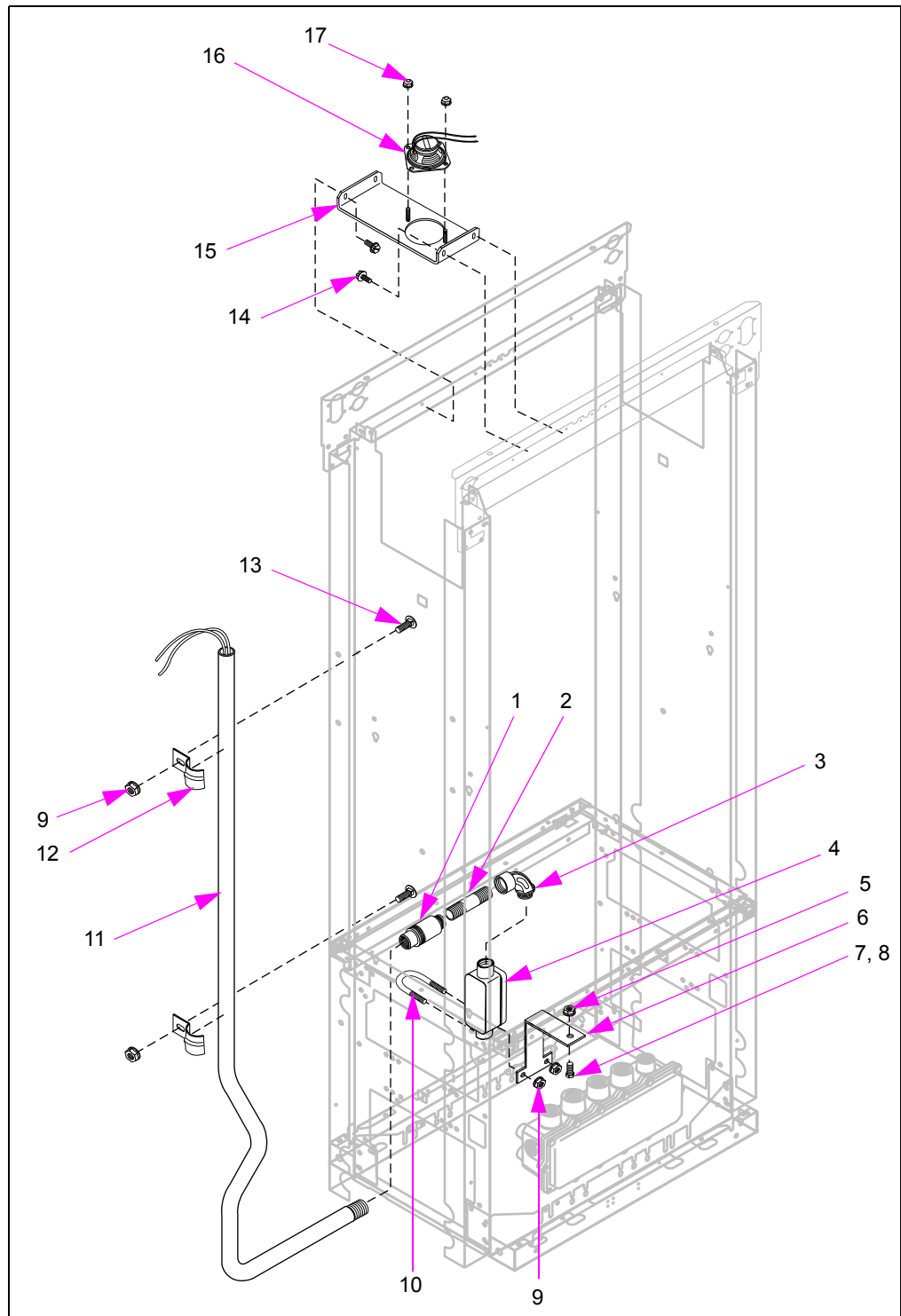
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	3
2	Nipple Conduit, 1 X 1-3/4"	R11978-03	-	2
3	Reducer, Conduit, 1" X 3/4 (used with W03580-G1; see Item 7 below)	K49827-21	-	1
4	Pipe Plug, 1"	K02283	-	1
5	Pipe Plug, 3/4"	K02282	-	1
6	Conduit and Wire Assembly (selectable blenders), 1"	W03520-G2 W03520-G3 W03520-G4 (Wires only)	T18474-G7 (3/4")	1
7	Elbow, 3/4" X 90° (M X F)	K80453	-	1
8	Union, Conduit, 3/4" (M X F)	Q10016-05	-	1
9	Elbow, 1 X 90° (F)	K87869	-	1
10	Nipple Conduit, 1 X 3/4"	R11978-03	-	1
11	Elbow, Capped, Y-type	Q12730-01	-	(see note 1)
Not Shown				
-	Conduit and Wire Assembly (fixed blenders), 1" (Spare Parts Item)	W03580-G1	-	1
Notes: 1. Quantity varies with model. 2. All parts may not be available as spare parts.				

Conduit - 48-inch Four-grade Dispenser



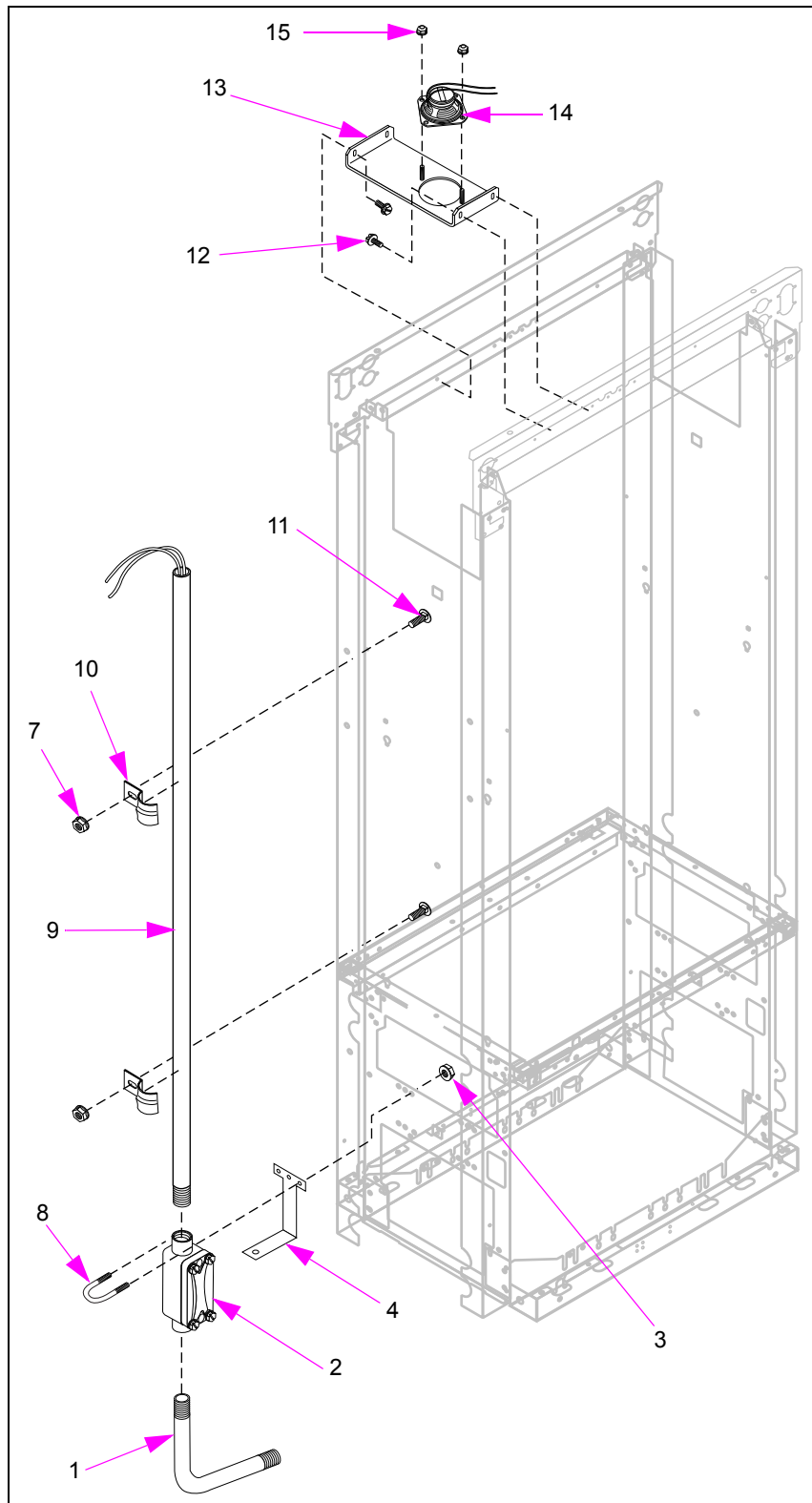
Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Plug, 1/2"	K02281	-	3
2	Pipe Plug, 1"	K02283	-	1
3	Pipe Plug, 3/4"	K02282	-	1
4	Elbow, Conduit, 3/4" X 90° (M X F)	K80453	-	3
5	Nipple Conduit, 3/4 X 3-3/8"	R11977-15	-	1
6	Elbow, Conduit, 3/4" X 90° (F X F)	Q11753-01	-	1
7	Union, Conduit 3/4" (M X F)	Q10016-05	-	2
8	Enlarger, Conduit, 3/4" to 1"	K81090-21	-	1
9	Assembly, 1" Conduit and Cable (Spare Parts Item)	W03584-G1	-	1
10	Reducer, 1 X 3/4"	K49827-21	-	1

Speaker Conduit - Pumps



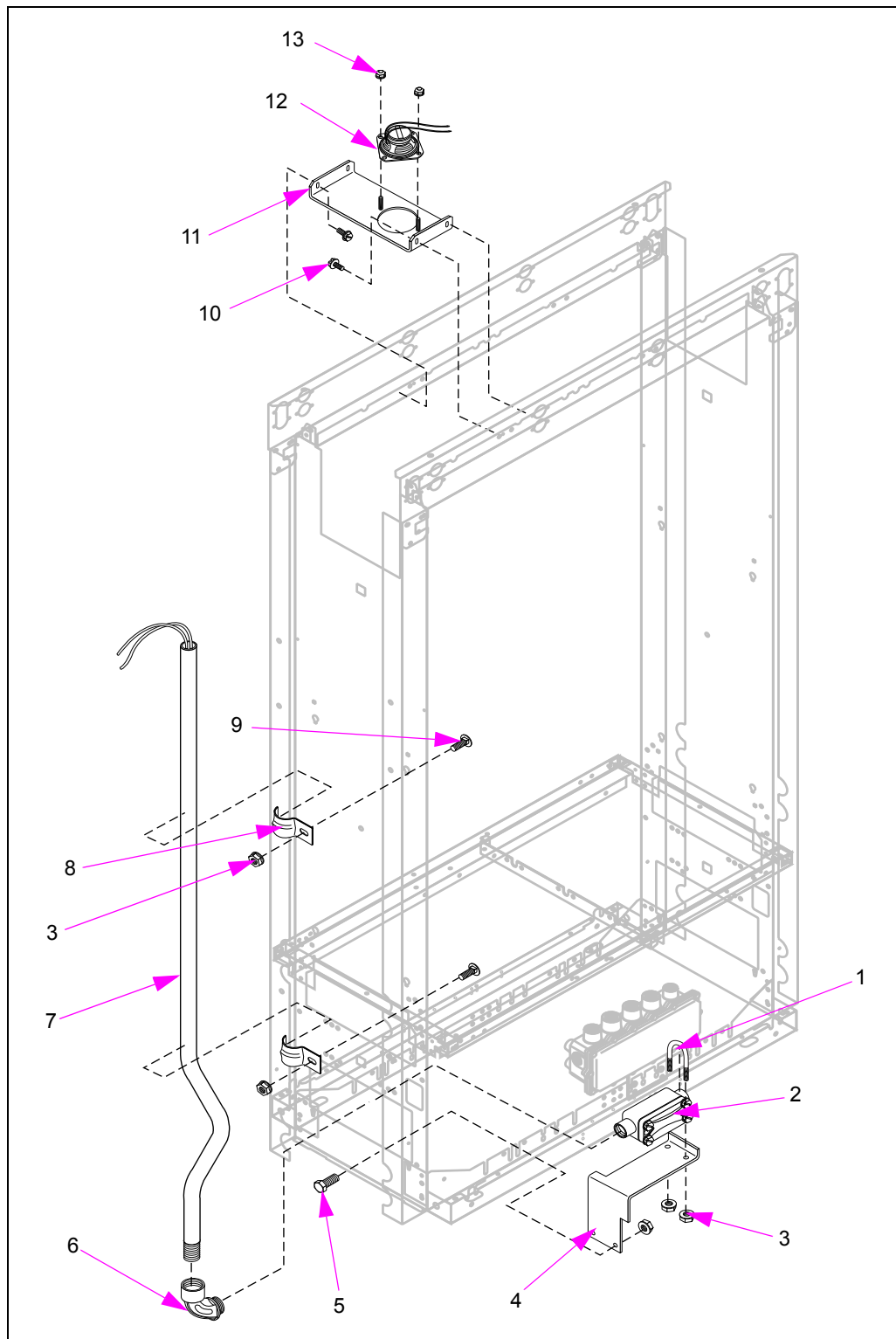
Item #	Part Description	Current Part	Previous Part	Quantity
1	Expansion Union (F X F)	N16289-21	-	1
2	Nipple Conduit			
	• 1/2 X 5-1/4" (48" frame)	R11976-62	K21156	1
	• 1/2 X 3-1/4" (36" frame)	R11976-52	K22152	1
3	Elbow Conduit, 1/2" X 90° (M X F)	K42448	-	1
4	Power Unilet Box	K72943	-	1
5	Nut, 5/16-18	Q11890-05	-	1
6	Mounting Bracket (see note 1)	T18721-01	R19306	1
7	Washer, 5/16	K42999	-	1
8	Bolt, 5/16-18 X 3/4"	Q10624-01	-	1
9	Nut, 1/4-20	Q11890-04	-	4
10	U-bolt, 1/4-20	K67996-02	-	1
11	Conduit and Wire Assembly (obsolete, see note 2)	-	T18720-G1 T17859-G1	1
12	Tubing Clamp	K90912	-	2
13	Bolt, 1/4-20 X 3/4"	K43625	-	2
14	Screw, #10-32 X 1/2"	K85736-15	-	4
15	Speaker Mounting Bracket	T18836-G1	T18771-G1	1
16	Speaker (without cover)	R19385-G2	R19385-G1	1
17	Locknut, #8-32	Q10099-01	-	2
Not Shown				
-	Pump speaker and conduit kit (obsolete, see note 3)	-	K93846	1
Notes: 1. Previous parts were used on pumps built before 09/92. Current parts are used on pumps built after 09/92. These parts cannot replace each other. 2. T18720-G1 is obsolete and no replacement. 3. No replacement. 4. All parts may not be available as spare parts.				

Speaker Conduit - Four-grade Pump



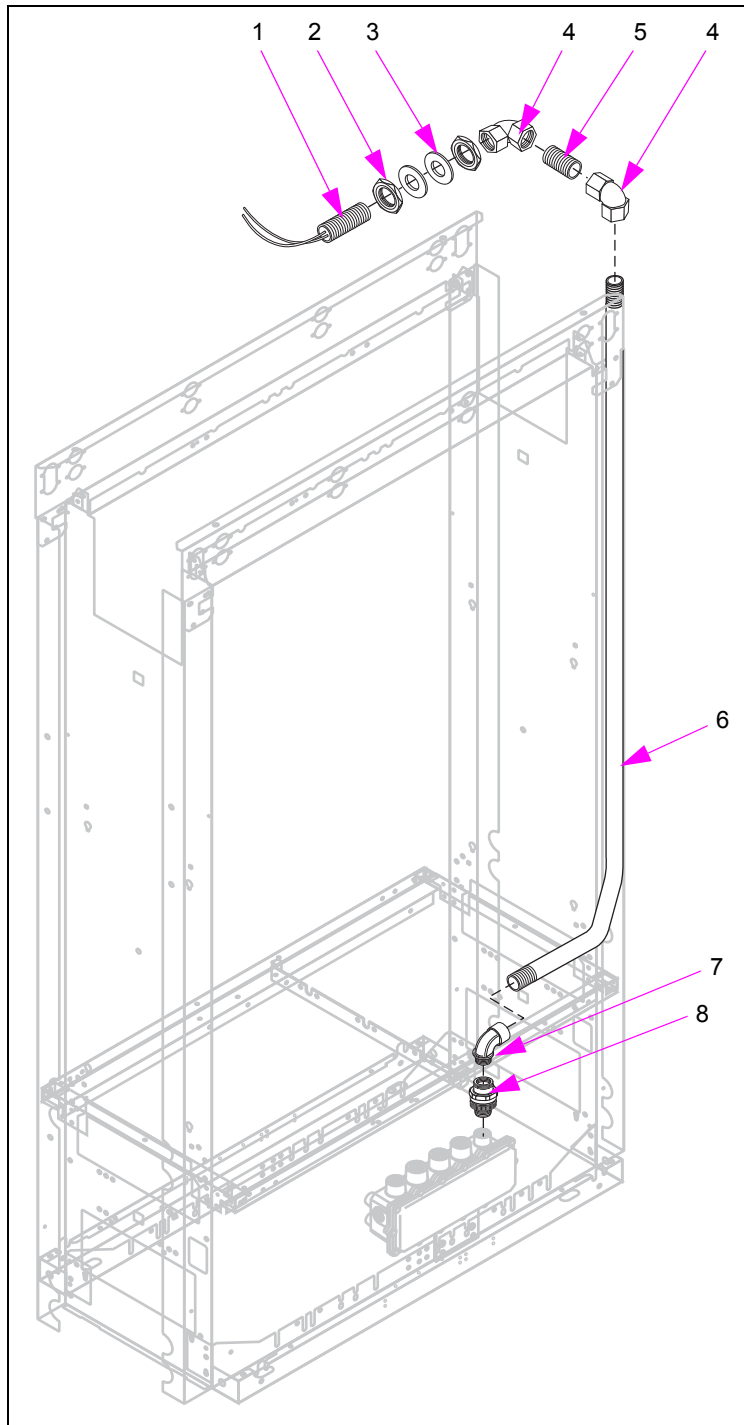
Item #	Part Description	Current Part	Previous Part	Quantity
1	Vapor Pump to J-box Conduit	R20461-01	-	1
2	Power Unilet Box	K72943	-	1
3	Nut, 5/16"-18	Q11890-05	-	2
4	Mounting Bracket	T18721-01	-	1
5	Washer, 5/16"	K42999	-	1
6	Bolt, 5/16-18 X 3/4"	Q10624-01	-	1
7	Nut, 1/4"-20	Q11890-04	-	2
8	U-bolt, 1/4"-20	K67996-02	-	1
9	Conduit and Wire Assembly (obsolete, see note)	-	T18720-G2	1
10	Tubing Clamp	K90912	-	2
11	Bolt, 1/4-20 X 3/4"	K02394-34	-	2
12	Screw, #10-32 X 1/2"	K85736-15	-	4
13	Speaker Mounting Bracket	T18836-G1	-	1
14	Speaker (without cover)	R17347-01	-	1
15	Locknut, #8-32	Q10099-01	-	2
<i>Note: No replacement.</i>				

Speaker Conduit - Dispensers



Item #	Part Description	Current Part	Previous Part	Quantity
1	U-bolt	K67996-02	-	1
2	Power Unilet Box	K72943	-	1
3	Nut, 1/4"-20	Q11890-04	-	2
4	Power Unilet Box Mounting Bracket	T17873	-	1
5	Hexagonal-head Bolt, 1-4-20 X 3/4"	K43625	-	2
6	Elbow, 1/2" X 90° (M X F)	K42448	-	1
7	Conduit and Wire Assembly	R19385-G2	R19385-G1	1
8	Tubing Clamp	K90912	-	2
9	Carriage bolt, 1/4-20 X 3/4"	K02394-34	-	2
10	Screw, #10-32 X 1/2"	K85736-15	-	4
11	Speaker Mounting Bracket	T18836-G1	T18771-G1	1
12	Speaker (without cover)	R19385-G2	R19385-G1	1
13	Locknut, #8-32	Q10099-01	-	2
Not Shown				
-	Dispenser Speaker and Conduit Kit (includes all parts) (see note 1)	K35492	-	1
Notes: 1. For more information, refer to MDE-2633 Speaker Kits K35492 and K93846 For The Advantage Series. 2. All parts may not be available as spare parts.				

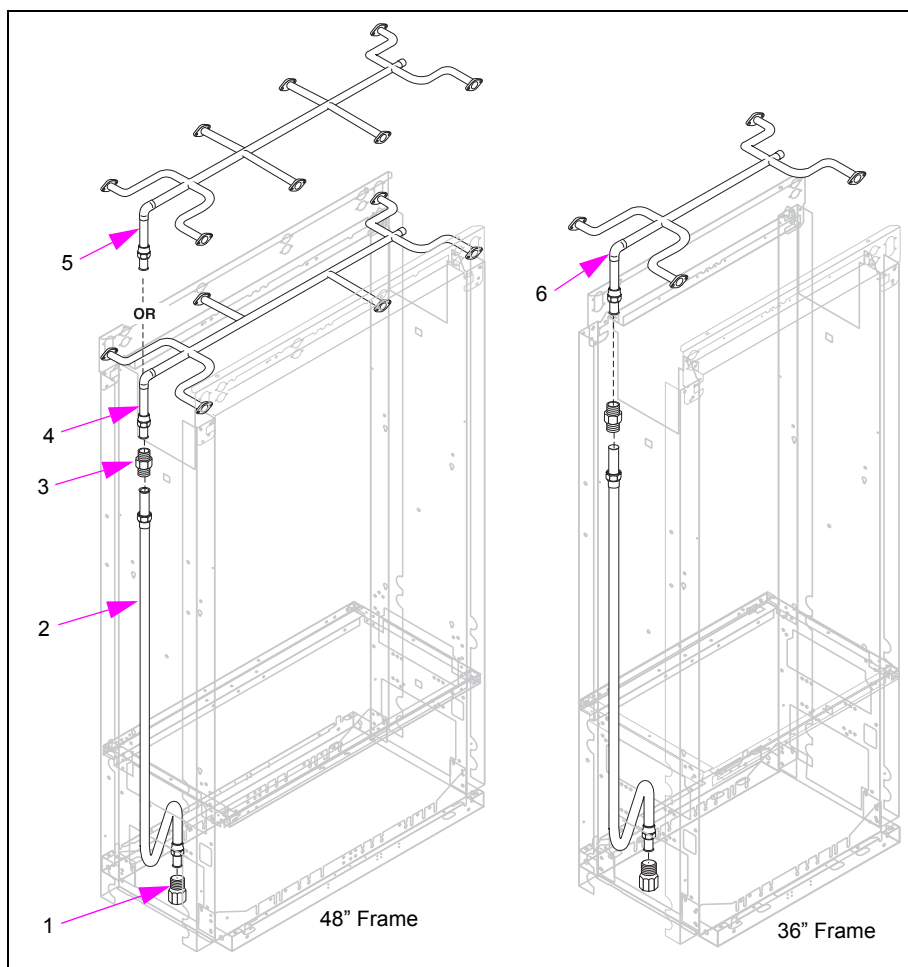
Light Conduit



Item #	Part Description	Current Part	Previous Part	Quantity
1	Nipple and Wire Assembly	R19101-G2	-	1
2	Conduit Nut, 1/2"	K89681	-	2
3	Conduit Flat Washer, 1/2"	N16599-59	-	2
4	Elbow, 1/2" X 90° (F X F)	K42428	-	2
5	Nipple, 1/2 X 1-1/8"	R11976-39	K18775	1
6	Light Conduit (see note 1)			
	• Dispensers (obsolete, see note 2)	-	R12579-116	1
	• Pumps (factory-installed) (obsolete, see note 2)	-	T18715	1
	• Pumps [Retrofit Kit (K93757)]	R12579-120	-	1
7	Elbow, 1/2" X 90° (M X F)	K42448	-	1
8	Expansion Union, (M X F)			
	• Pumps	N16289-20	-	1
	• Dispensers	Q10016-04	-	1
Not Shown				
-	Light Conduit Kit (see note 1) (includes all parts unless noted)			
	• Dispensers	K35497	-	1
	• Pumps	K93757	-	1
Notes: 1. Previous parts were used on pumps built before 09/92. Current parts are used on pumps built after 09/92. These parts cannot replace each other. 2. No replacement. 3. For more information, refer to MDE-2677 Kits K35497 and K93757 Lighted Canopy Conduit For The Advantage Series. Kit includes additional parts not shown in this assembly. 4. All parts may not be available as spare parts.				

11 – Discharge Piping Section

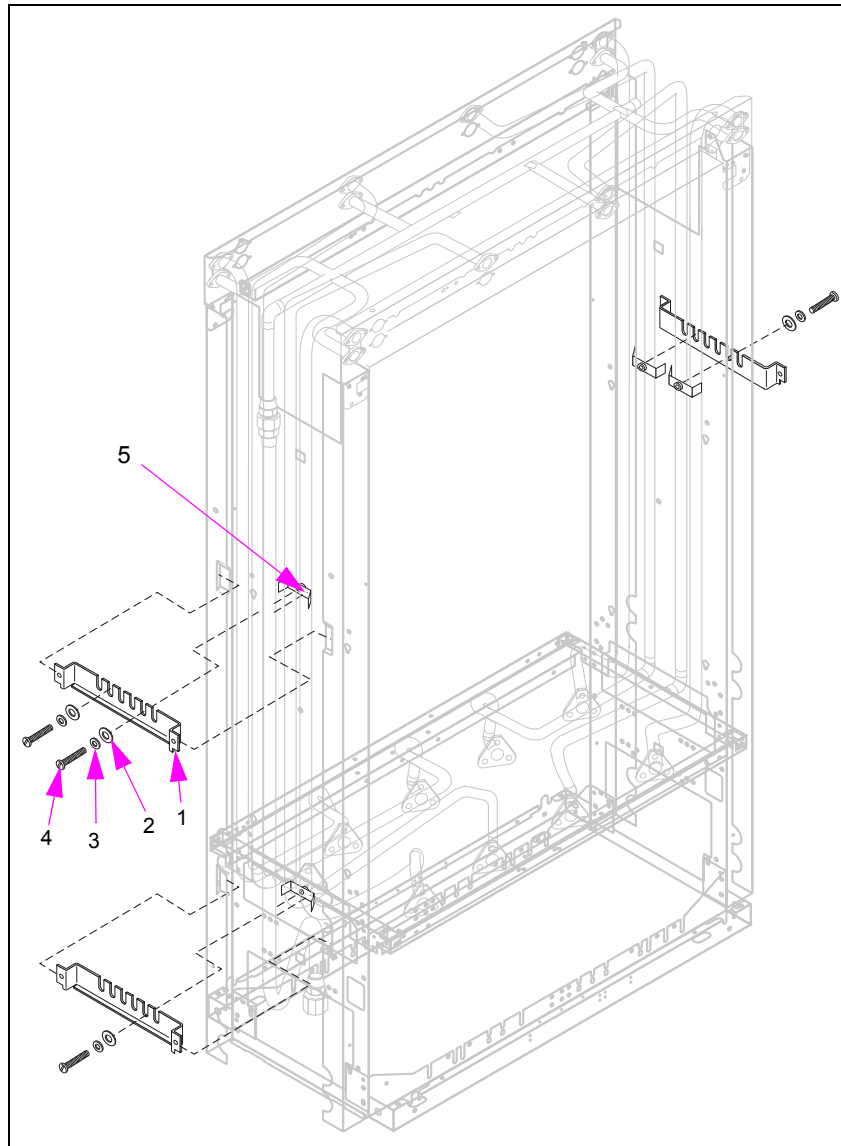
Balance System Vapor Piping



Item #	Part Description	Current Part	Previous Part	Quantity
1	Straight Fitting for Vapor Return Line	K93784-02	-	1
2	Lower Vapor Recovery Line			
	• Dispensers, Blenders	T18747-G1	-	1
	• Pumps (obsolete, see note 1)	-	T18241-G1	1
	• Vapor Recovery Retrofit Kits (K94275, K94276, and K94277)	W02888-G1	-	1
3	Coupling, 1"	K93489-02	-	1
4	Upper Vapor Recovery Line, 48"	W02987-G1	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
5	Upper Vapor Recovery Line, 48", MPD 4-grade units only (see note 2)	W02987-G2	-	1
6	Upper Vapor Recovery Line, 36" (obsolete, see note 1) (see note 3)	-	W03015-G1	1
Not Shown				
-	Vapor Plug Plate (see note 4)	N23310	-	1
-	Vapor Plug Gasket (see note 4)	N23319	-	1
Notes: 1. No replacement. 2. W02987-G2 is not sold individually. It is sold as K94276 kit. 3. W03015-G1 is not sold individually. It is sold as K94277 kit. 4. Used to plug upper vapor recovery line outlets that do not receive a hose casting. 5. For VaporVac parts, refer to PT-1831 VaporVac Vacuum Assist Vapor Recovery Illustrated Parts Manual. 6. All parts may not be available as spare parts.				

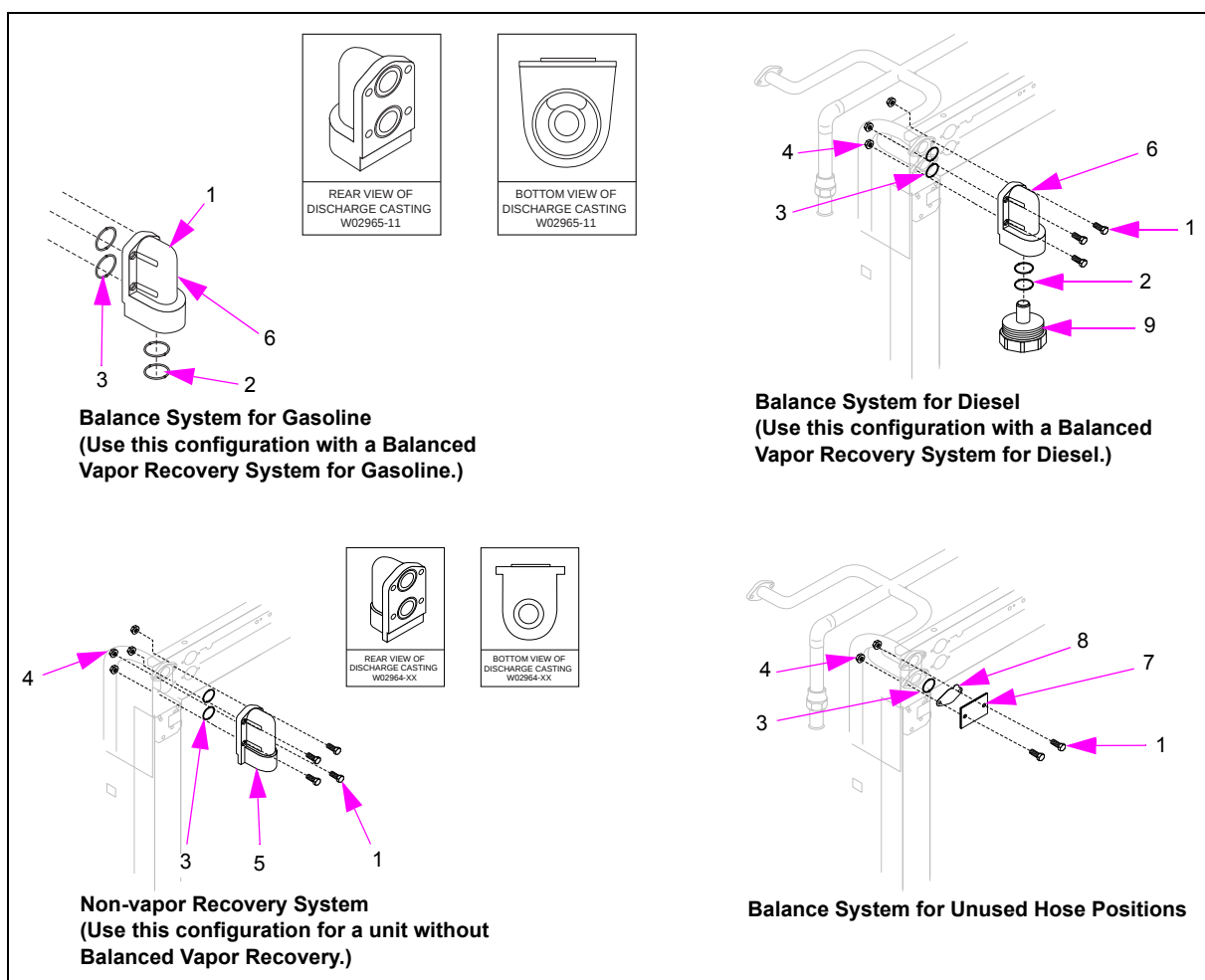
Piping Brackets



Item #	Part Description	Current Part	Previous Part	Quantity
1	Pipe Clamp Bracket	T18799-01	-	(see note 1)
2	Flat Washer, 1/4"	K14056	-	(see note 1)
3	Lock Washer, 1/4"	K50773	-	(see note 1)
4	Screw, 1/4-20 X 2"	K02447	-	(see note 1)
5	Pipe Clamp	N23644-G1	K95857 K92858	(see note 1)

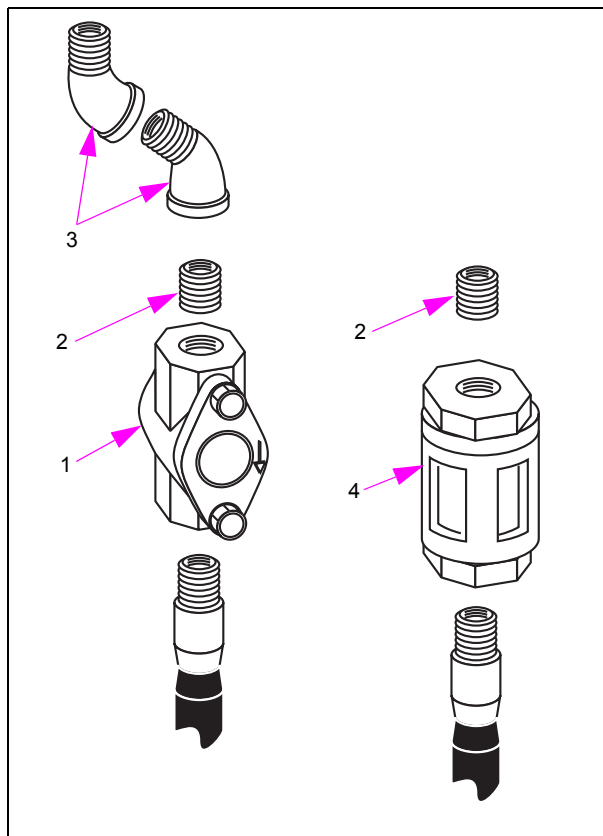
Notes:
1. Quantity varies with model.
2. All parts may not be available as spare parts.

Hose Castings



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bolt, 5/16-18 X 1"	K07565	Q12619-01	4
2	O-ring, 11/16 X 13/16 X 1/16"	N16891-27	-	2
3	O-ring, 15/16 X 1-3/16 X 1/8"	N16891-25	-	2
4	Nut, 5/16"-18	Q11890-05	Q10977-05	4
5	Hose Outlet Casting (non-vapor recovery)			
	• Standard Flow (3/4" Outlet) (obsolete, see note 1)	-	W02964-10	1
	• High Flow (1" Outlet) (obsolete, see note 1)	-	W02964-11	1
	• Super-Hi Flow (1" Outlet)	W02964-14	-	1
6	Hose Outlet Casting (balanced vapor recovery)	W02965-11 W02964-04	W02965-04 W02964-02	1
7	Vapor Plug Plate (see note 2), For balance only	N23310	-	1
8	Vapor Plug Gasket (see note 2), For balance only	N23319	-	1
9	Hose Outlet Adapter Kit	K35471	-	(see note 3)
	• Hose Adapter	N22963-01	-	1
	• O-ring	N16891-30	-	1
Not Shown				
-	VaporVac Outlet	T18194-12	-	1
Notes: 1. No replacement. 2. Used on Single-hose and Blender units. Not used on Super-Hi™ units. 3. Quantity varies with model. 4. For VaporVac parts, refer to PT-1831 VaporVac Vacuum Assist Vapor Recovery Illustrated Parts Manual. 5. Previous parts are used on units built before 05/20/94. 6. All parts may not be available as spare parts.				

Visual Discharge Indicator

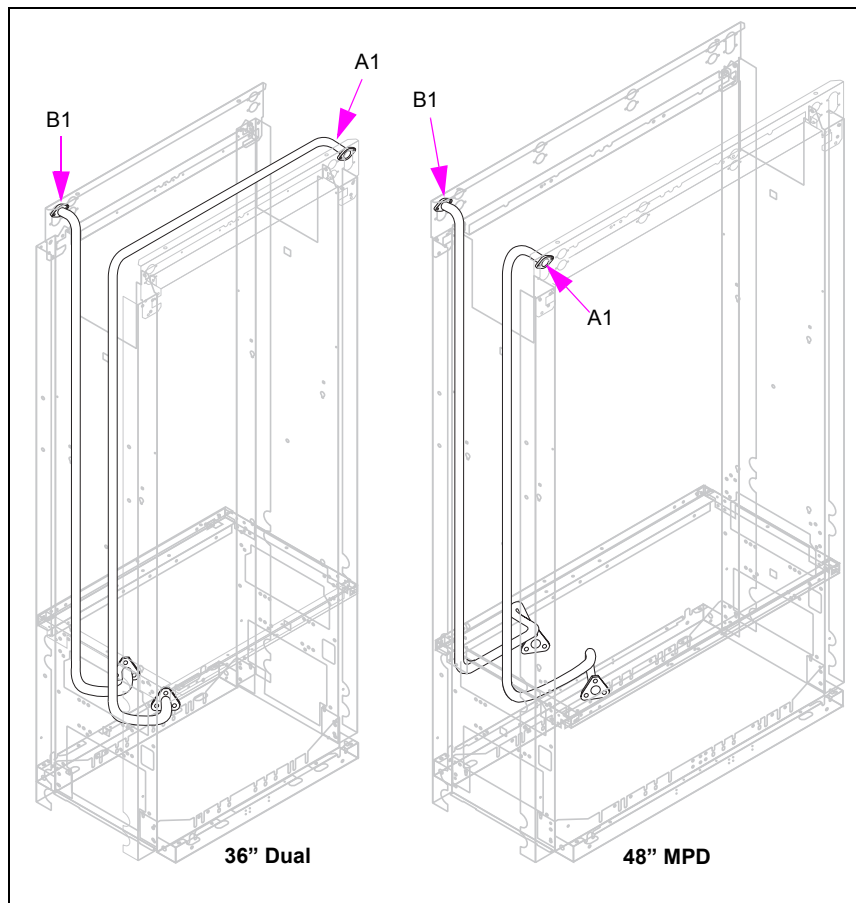


Item #	Part Description	Current Part	Previous Part	Quantity
1	Visual Discharge Indicator (see note 1) (obsolete, see note 2)	(see note 3)	N21549-01	(see note 4)
2	Nipple, 3/4 X 1-3/8"	R10907-46	K09760	(see note 4)
3	Elbow, 3/4" X 45° (see note 5)	-	K03608 K21479	(see note 4)
4	Visual Discharge Indicator	R20176-G1	-	(see note 4)

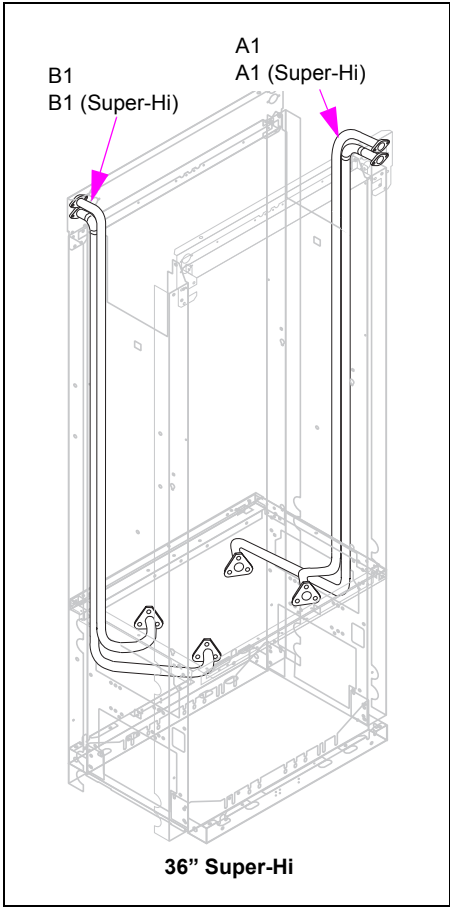
Notes:

1. Cannot be used on models with vapor recovery.
2. No replacement.
3. Purchase from OPW (<https://www.opwglobal.com/>), former OPW part number 1431.
4. Quantity varies with model.
5. K21479 is obsolete and no replacement.
6. All parts may not be available as spare parts.

One-grade, Two-hose Units

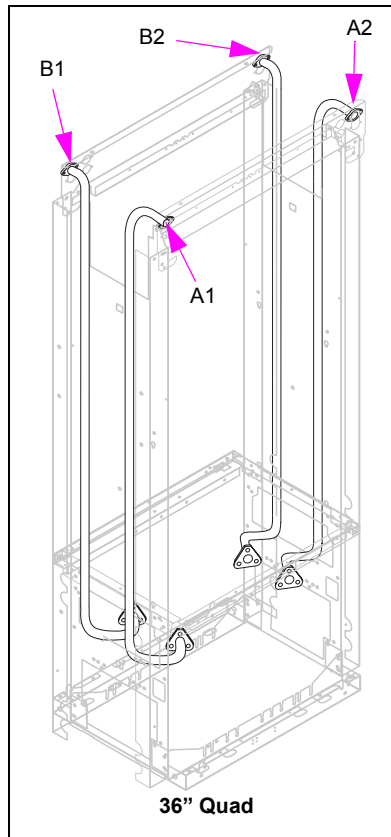


Unit	Discharge Line	Part Number
Dual Dispenser, 36"	A1	W03014-G1
	B1	W02978-G1
Dual Pump, 36" (obsolete, see note 1)	A1	W03014-G2
	B1	W02978-G2
MPD Dispenser, 48" (obsolete, see notes 2 and 3)	A1	W03051-G1
	B1	W03054-G1
Notes: 1. W03014-G2 is obsolete and no replacement. 2. W03051-G1 is obsolete and no replacement. 3. W03054-G1 is obsolete and no replacement.		

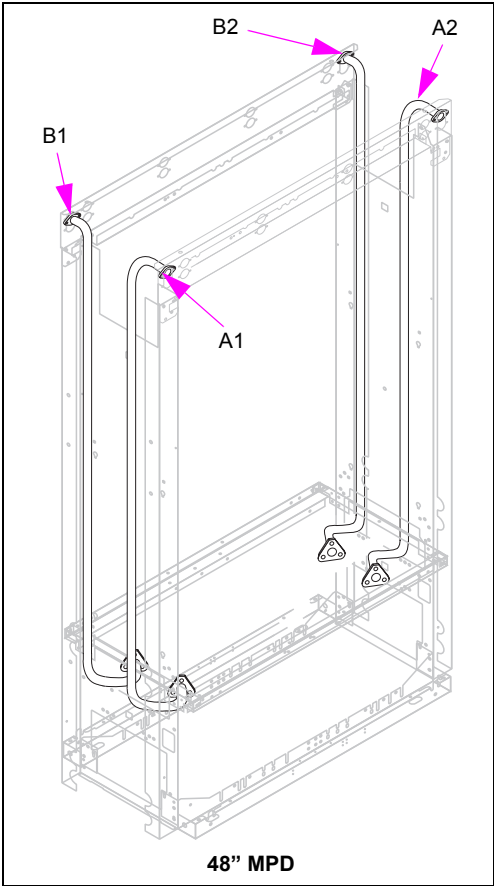


Unit	Discharge Line	Part Number
36" Super-Hi Dispenser	A1, B1	W02978-G1
	A1, B1 (Super-Hi)	W03670-G1
Note: W03670-G1 is obsolete and no replacement.		

Two-grade, Four-hose Units

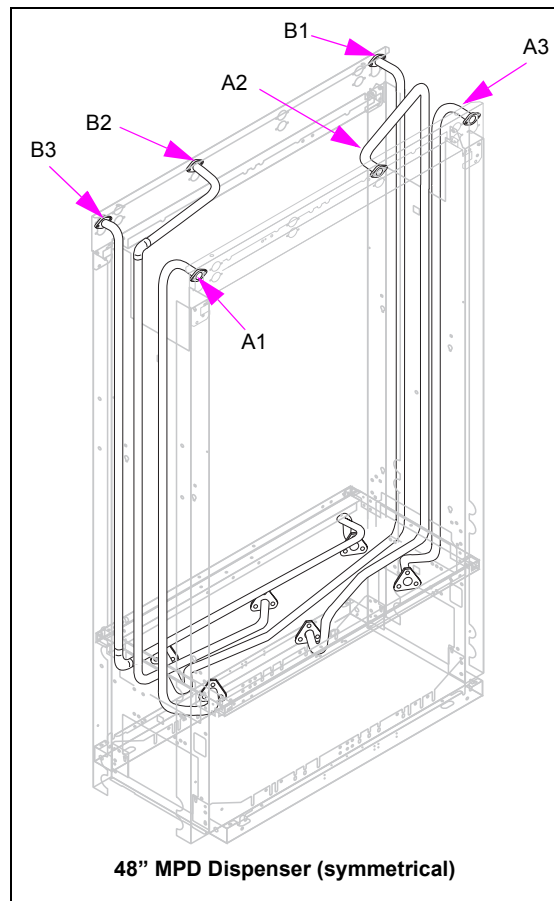


Unit	Discharge Line	Part Number
36" Quad Dispenser	A1, B2	W02979-G1
	A2, B1	W02978-G1
36" Quad Pump	A1, B2	W02979-G2
	A2, B1	W02978-G2

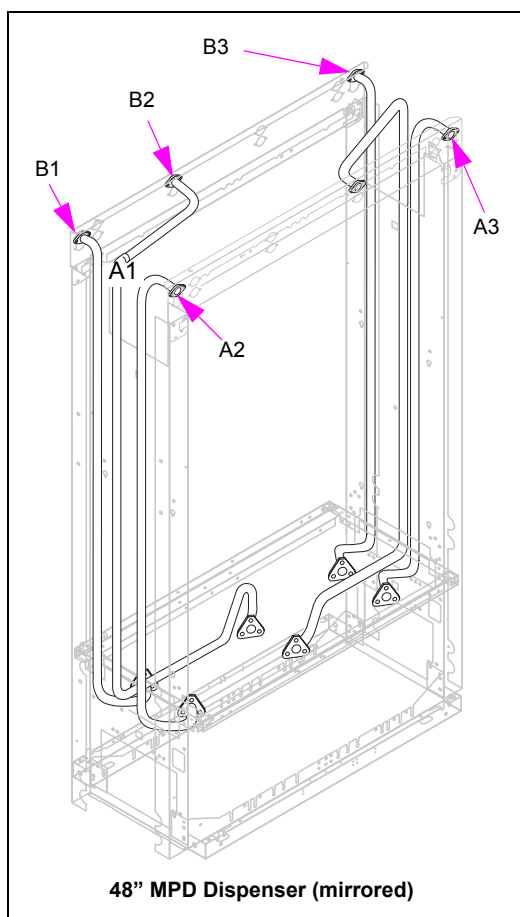


Unit	Discharge Line	Part Number
48" MPD Dispenser	A1, B2	W02979-G1
	A2, B1	W02978-G1
48" MPD Pump	A1, B2	W02979-G2
	A2, B1	W02978-G2

Three-grade, Six-hose Units

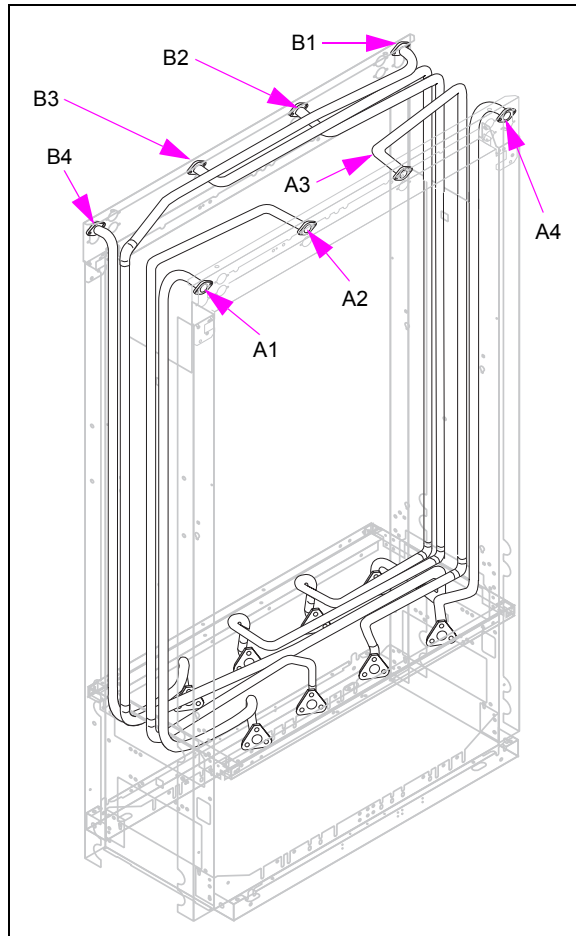


Unit	Discharge Line	Part Number
48" MPD Dispenser (symmetrical) (obsolete, see notes 1 and 2)	A1	W02979-G1
	A2	W02977-G1
	A3	W02978-G1
	B1	W03621-G1
	B2	W02976-G1
	B3	W03622-G1
Notes: 1. W02979-G1 is obsolete and no replacement. 2. W03621-G1 is obsolete and no replacement.		

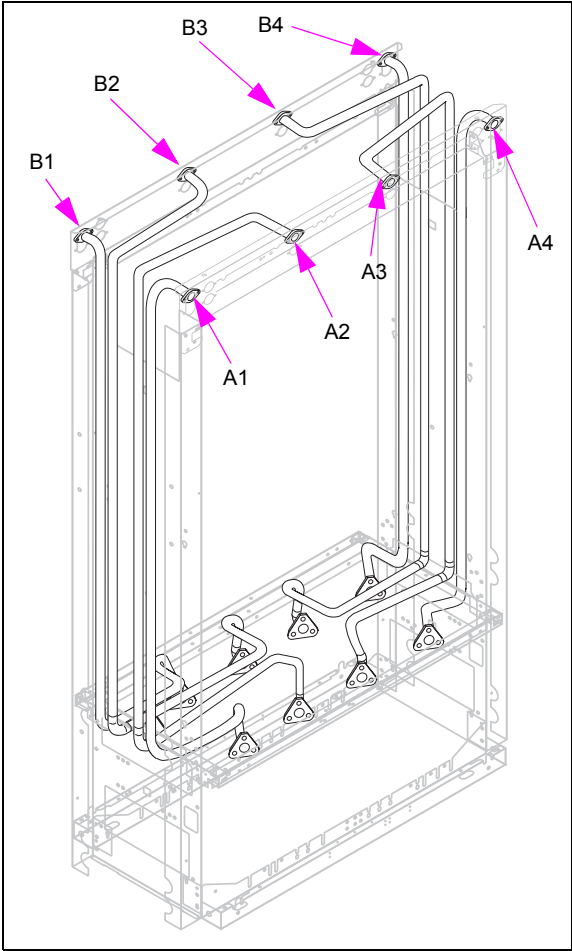


Unit	Discharge Line	Part Number
48" MPD Dispenser (mirrored)	A1, B3	W02979-G1
	A2	W02977-G1
	A3, B1	W02978-G1
	B2	W02976-G1
48" MPD Pump (mirrored) (obsolete, see notes 1 and 2)	A1, B3	W02979-G2
	A2	W03070-G1
	A3, B1	W02978-G2
	B2	W03071-G1
Notes: 1. W03070-G1 is obsolete and no replacement. 2. W03071-G1 is obsolete and no replacement.		

Four-grade, Eight-hose Units

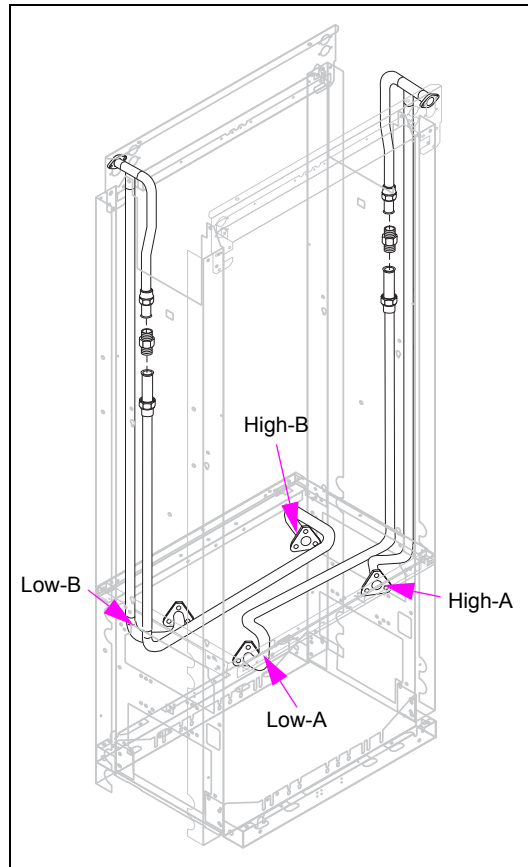


Unit	Discharge Line	Part Number
48" MPD Dispenser (symmetrical) (obsolete, see notes 1, 2, 3, 4, and 5)	A1	W03051-G1
	A2	W03052-G1
	A3	W03053-G1
	A4	W02978-G1
	B1	W03611-G1
	B2	W03609-G1
	B3	W03610-G1
	B4	W03608-G1
Notes: 1. W03051-G1 is obsolete and no replacement. 2. W03608-G1 is obsolete and no replacement. 3. W03609-G1 is obsolete and no replacement. 4. W03610-G1 is obsolete and no replacement. 5. W03611-G1 is obsolete and no replacement.		

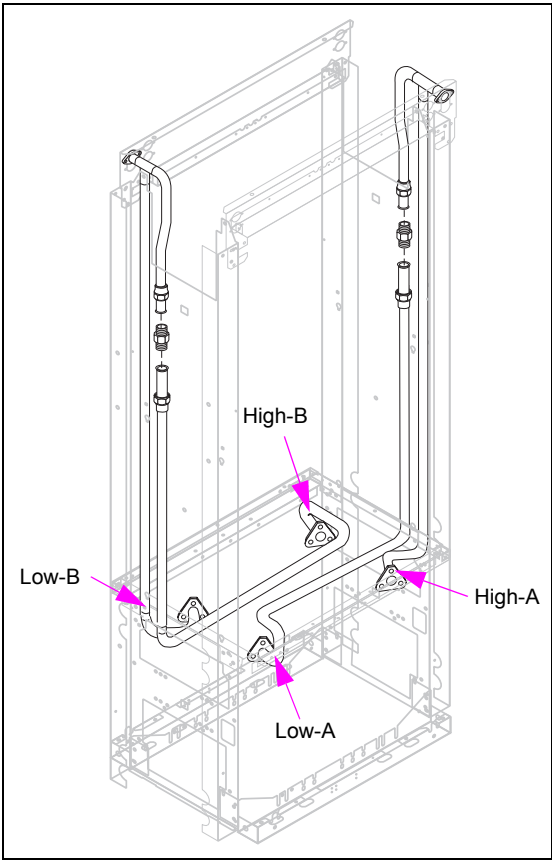


Unit	Discharge Line	Part Number
48" MPD Dispenser (mirrored) (obsolete, see notes 1, 2, 3, and 4)	A1	W03051-G1
	A2	W03052-G1
	A3	W03053-G1
	A4	W02978-G1
	B1	W03054-G1
	B2	W03055-G1
	B3	W03056-G1
	B4	W02979-G1
Notes: 1. W02979-G1 is obsolete and no replacement. 2. W03051-G1 is obsolete and no replacement. 3. W03054-G1 is obsolete and no replacement. 4. W03056-G1 is obsolete and no replacement.		

36-inch Blenders

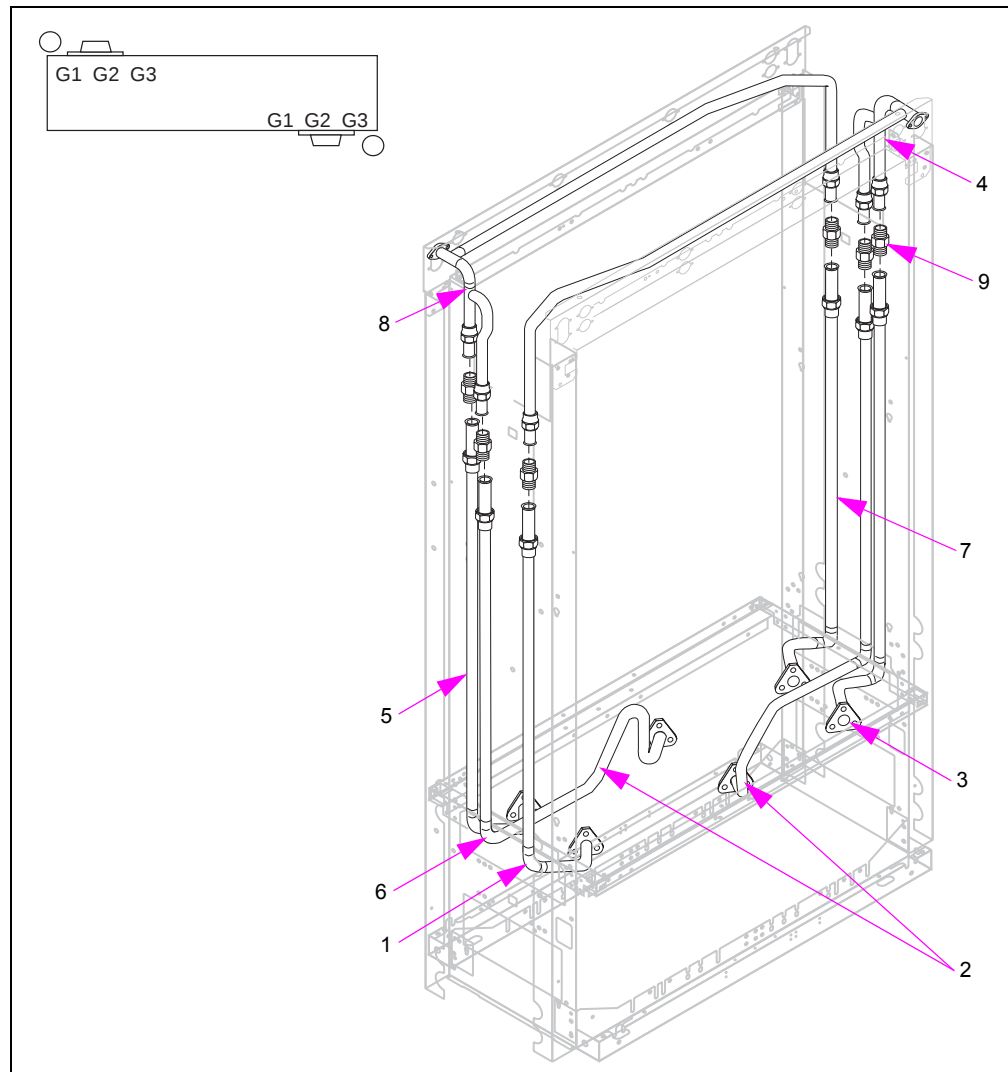


Unit	Discharge Line	Part Number
36" Blender Dispenser	Low-A, High-B	W03057-G1
	High-A, Low-B	W03045-G1
	Flare Union (quantity of 2)	Q12625-01



Unit	Discharge Line	Part Number
36" Blender Pump	Low-A, High-B	W03057-G2
	High-A, Low-B	W03045-G2
	Flare union (quantity of 2)	Q12625-01

MPD, 48-inch, Three-grade, Single-hose Dispenser

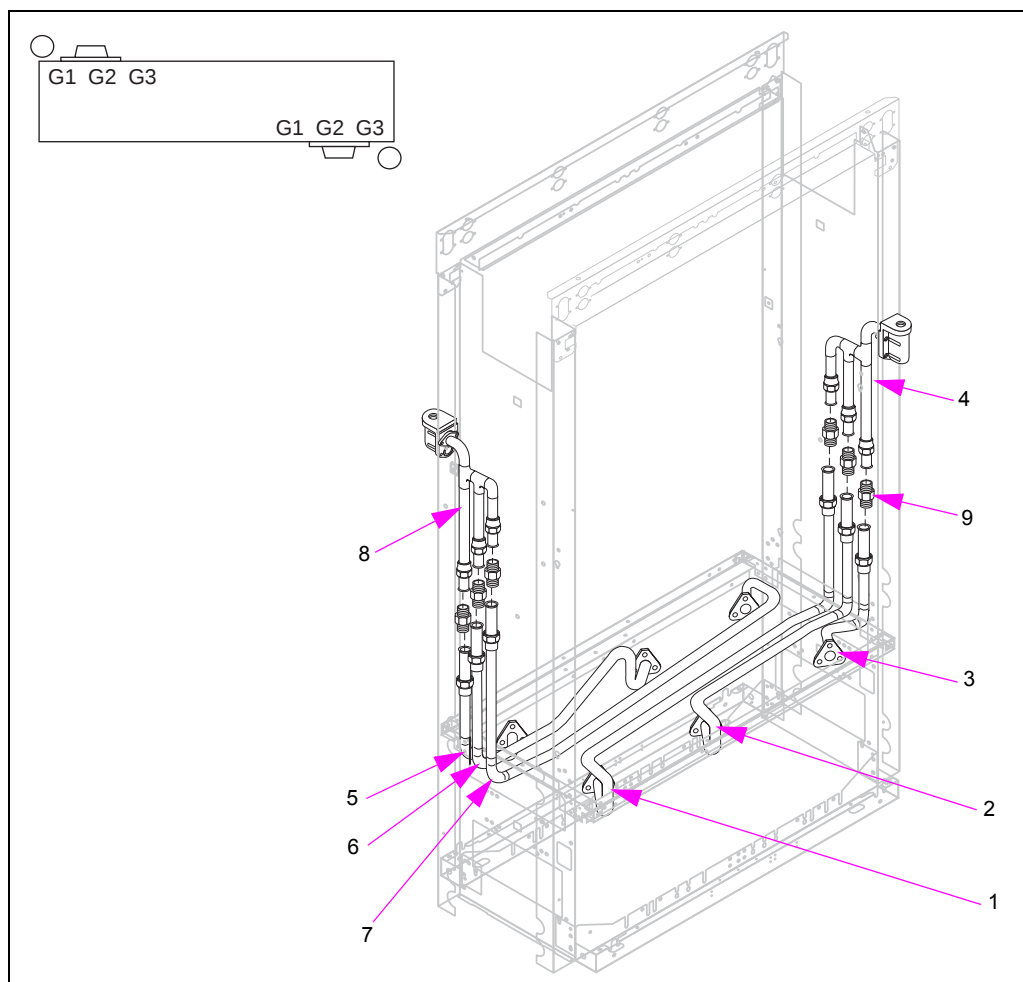


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line A1	W02902-G1	-	1
2	Discharge Line A2	W02901-G1	-	1
3	Discharge Line A3 (obsolete, see note 1)	-	W02903-G1	1
4	Top Discharge Line Assembly, Side A	W03139-G1	-	1
5	Discharge Line B1 (obsolete, see note 1)	-	W02903-G1	1
6	Discharge Line B2	W03049-G1	-	1
7	Discharge Line B3	W02902-G1	-	1
8	Top Discharge Line Assembly, Side B	W03139-G1	-	1
9	Flare Union, 7/8" (obsolete, see note 1)	-	Q12625-01	6

Notes:

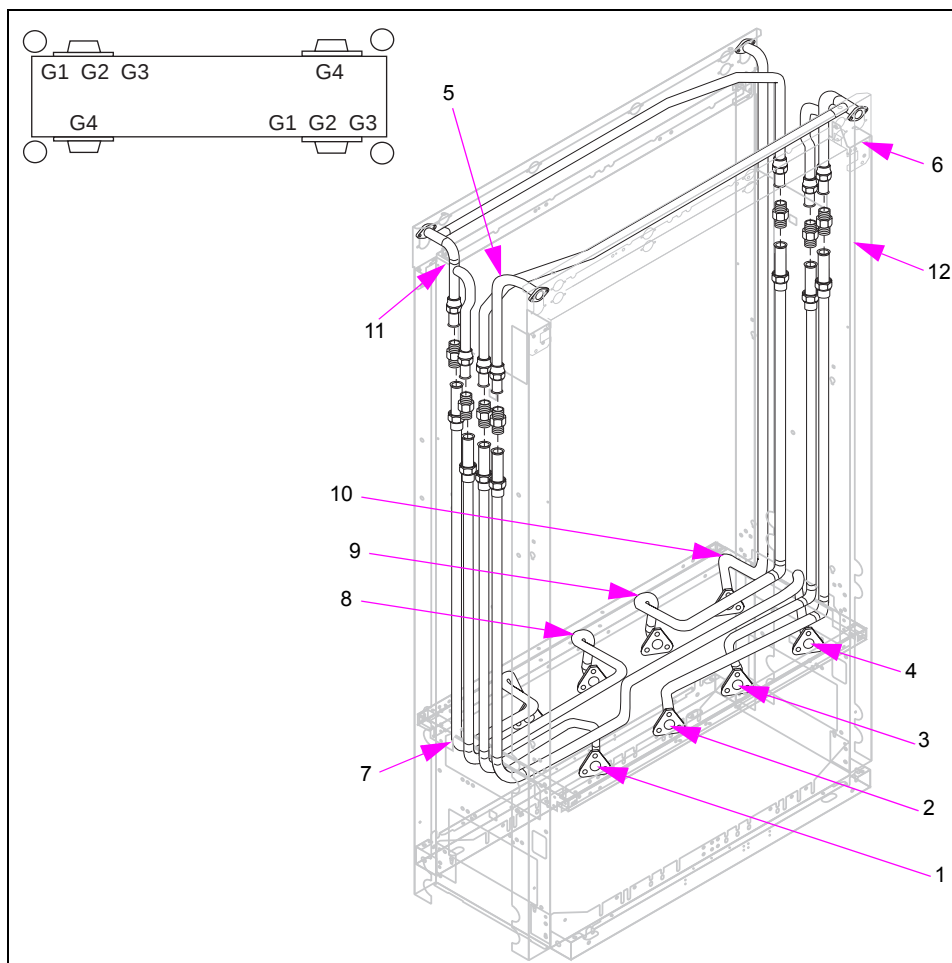
1. No replacement.
2. All parts may not be available as spare parts.
3. Single-sided units use Side A piping only.

MPD, 48-inch, Three-grade, Single-hose Dispenser with Extended Reach Option



Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line A1 (obsolete, see note 1)	-	W03270-G1	1
2	Discharge Line A2 (obsolete, see note 1)	-	W03271-G1	1
3	Discharge Line A3 (obsolete, see note 1)	-	W03273-G1	1
4	Top Discharge Line Assembly, Side A (obsolete, see note 1)	-	T19057-G1	1
5	Discharge line B1 (obsolete, see note 1)	-	W03273-G1	1
6	Discharge line B2 (obsolete, see note 1)	-	W03272-G1	1
7	Discharge line B3 (obsolete, see note 1)	-	W03270-G1	1
8	Top Discharge Line Assembly, Side B (obsolete, see note 1)	-	T19057-G1	1
9	Flare Union, 7/8"	Q12625-01	-	6
Notes: 1. No replacement. 2. All parts may not be available as spare parts. 3. Single-sided units use Side A piping only.				

MPD, 48-inch, Four-grade, Single-hose + 1 Dispenser

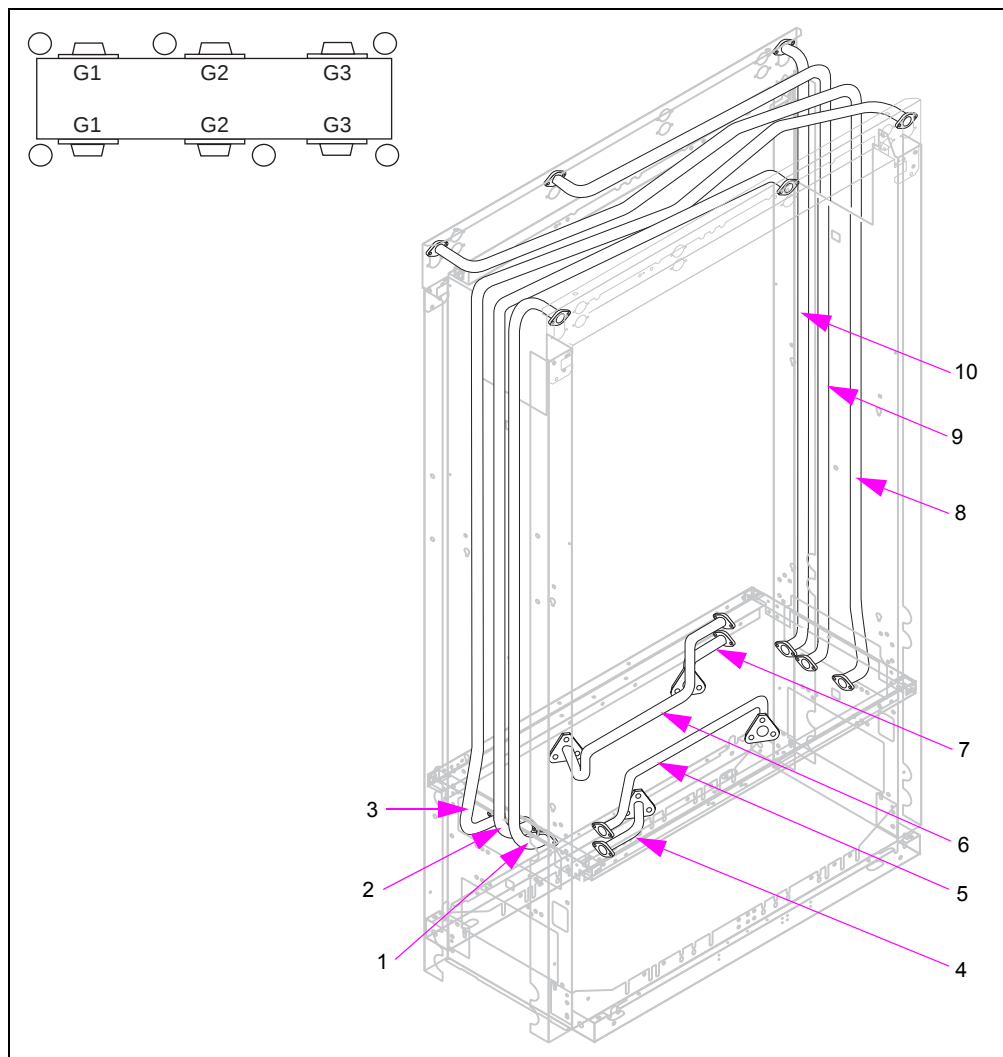


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line A1 (obsolete, see note 1)	-	W03468-G1	1
2	Discharge Line A2	W03469-G1	-	1
3	Discharge Line A3 (obsolete, see note 1)	-	W03470-G1	1
4	Discharge Line A4 (obsolete, see note 1)	-	W03471-G1	1
5	Upper Discharge Line A4	T19458-G1	-	1
6	Top Discharge Line Assembly, Side A (obsolete, see note 1)	-	W03467-G1	1
7	Discharge Line B1	W03472-G1	-	1
8	Discharge Line B2 (obsolete, see note 1)	-	W03473-G1	1
9	Discharge Line B3	W03474-G1	-	1
10	Discharge Line B4	W02979-G1	-	1
11	Top Discharge Line Assembly, side B (obsolete, see note 1)	-	W03467-G1	1
12	Flare Union, 7/8"	Q12625-01	-	7

Notes:

1. No replacement.
2. All parts may not be available as spare parts.
3. Single-sided units use Side A piping only

Blender, 48-inch, Six-hose Dispenser

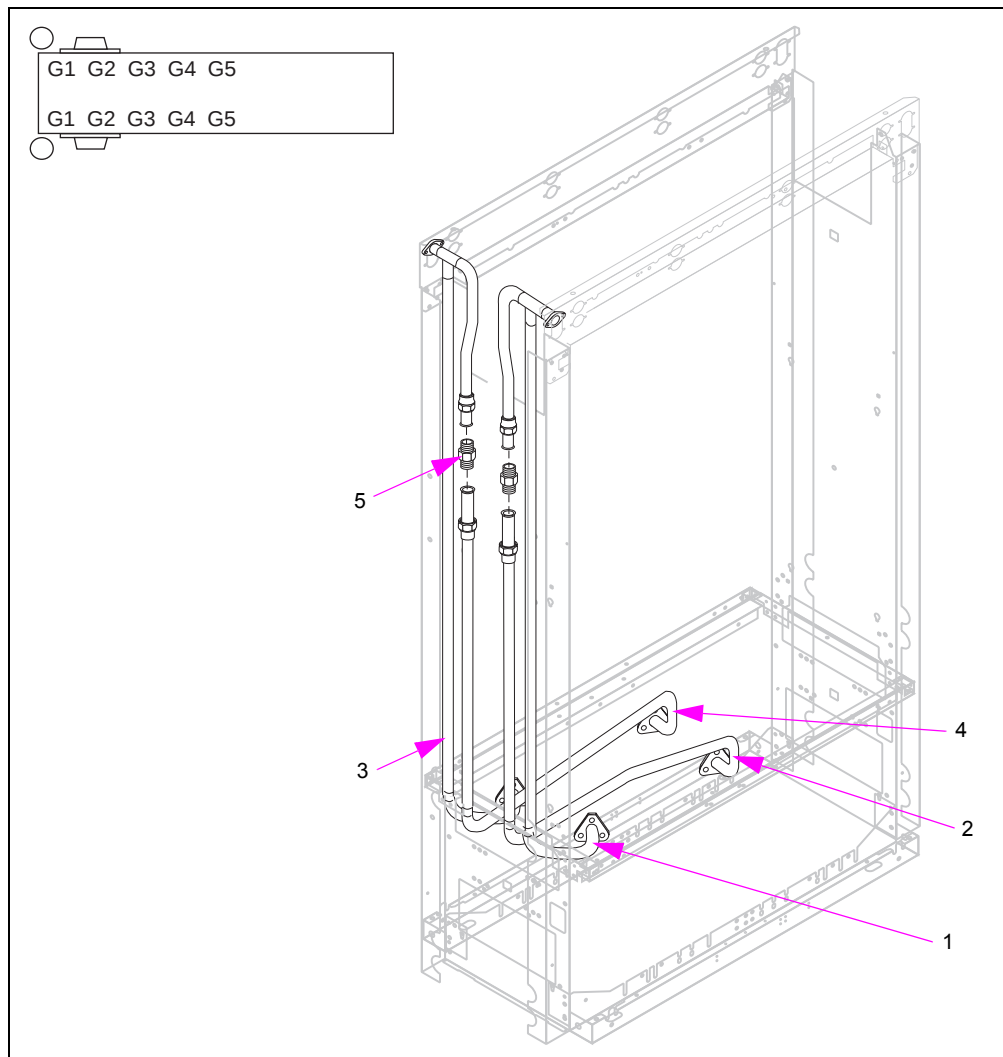


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line A1 (obsolete, see note 1)	-	W02996-G1	1
2	Discharge Line A2 (obsolete, see note 1)	-	W02997-G1	1
3	Discharge Line A3 (obsolete, see note 1)	-	W03152-G1	1
4	Feed Line, Side A, Low Product (obsolete, see note 1)	-	T18814-G1	1
5	Feed Line, Side A, High Product (obsolete, see note 1)	-	W02995-G1	1
6	Feed Line, Side B, Low Product (obsolete, see note 1)	-	W02995-G1	1
7	Feed Line, Side B, High Product (obsolete, see note 1)	-	T18814-G1	1
8	Discharge Line B1 (obsolete, see note 1)	-	W03152-G1	1
9	Discharge Line B2 (obsolete, see note 1)	-	W02997-G1	1
10	Discharge Line B3 (obsolete, see note 1)	-	W02996-G1	1

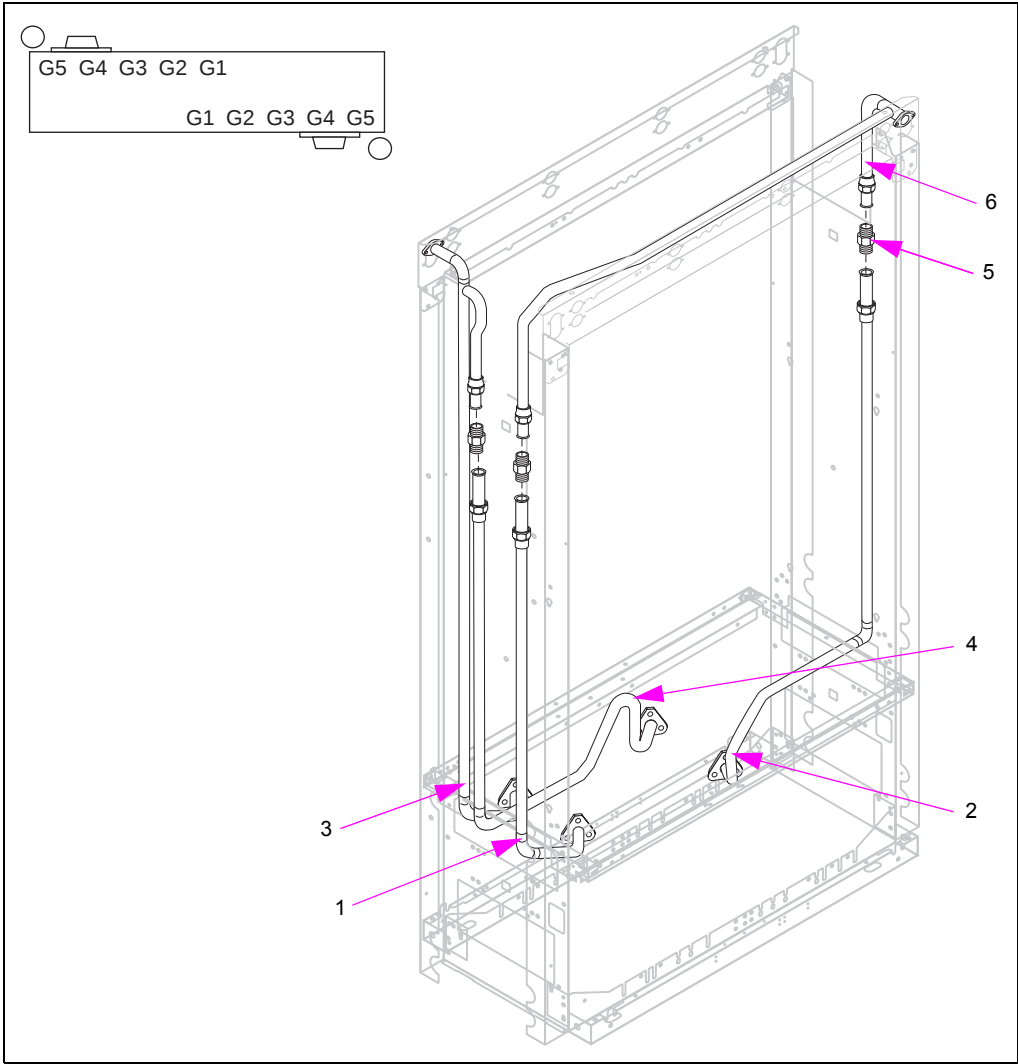
Notes:

1. No replacement.
2. Single-sided units use Side A piping only.
3. All parts may not be available as spare parts.

Blender, 48-inch, X + 0 Dispenser (Mirrored)

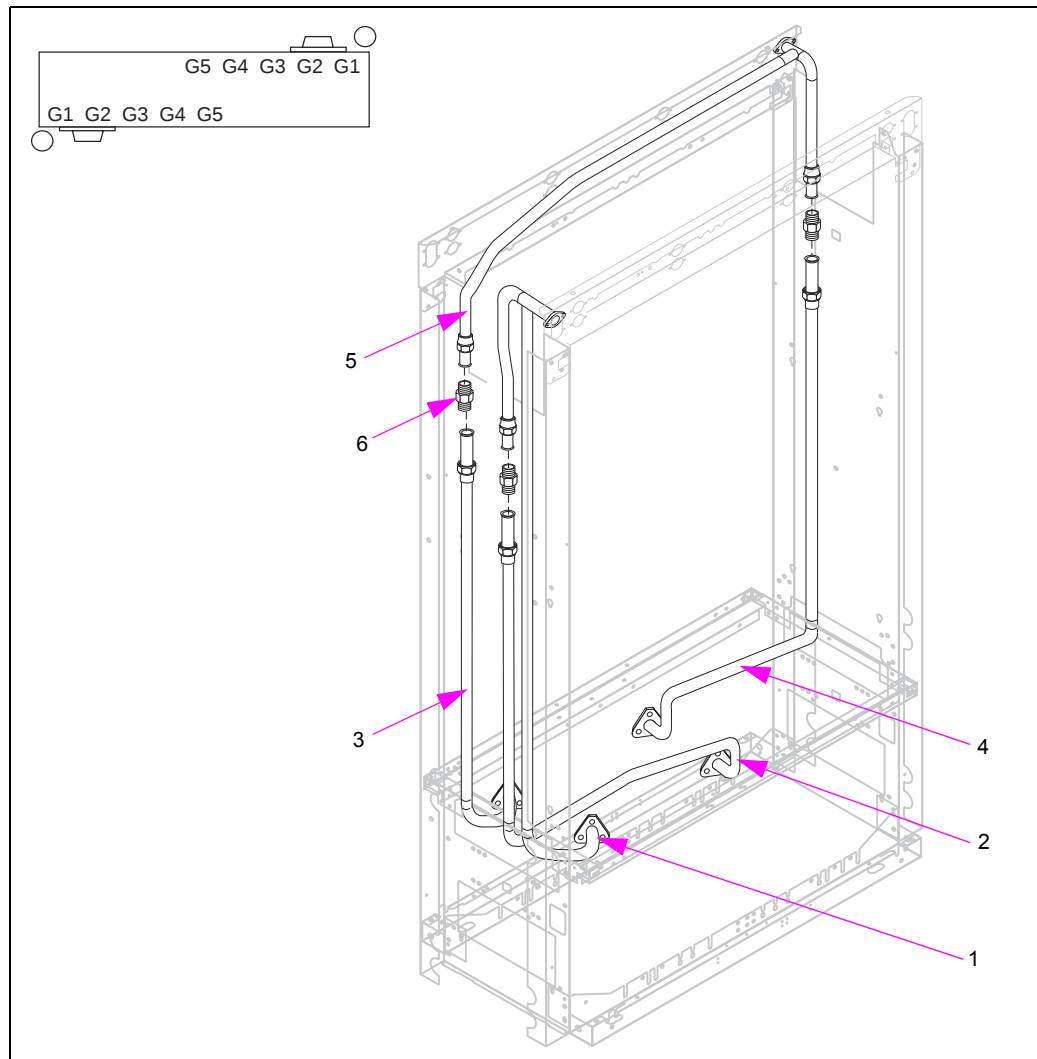


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W03043-G1	-	1
2	Discharge Line, Side A, High Product	W03047-G1	-	1
3	Discharge Line, Side B, Low Product	W03045-G1	-	1
4	Discharge Line, Side B, High Product	W03049-G1	-	1
5	Flare Union, 7/8"	Q12625-01	-	2
Notes: 1. Single-sided units use Side A piping only. 2. All parts may not be available as spare parts.				



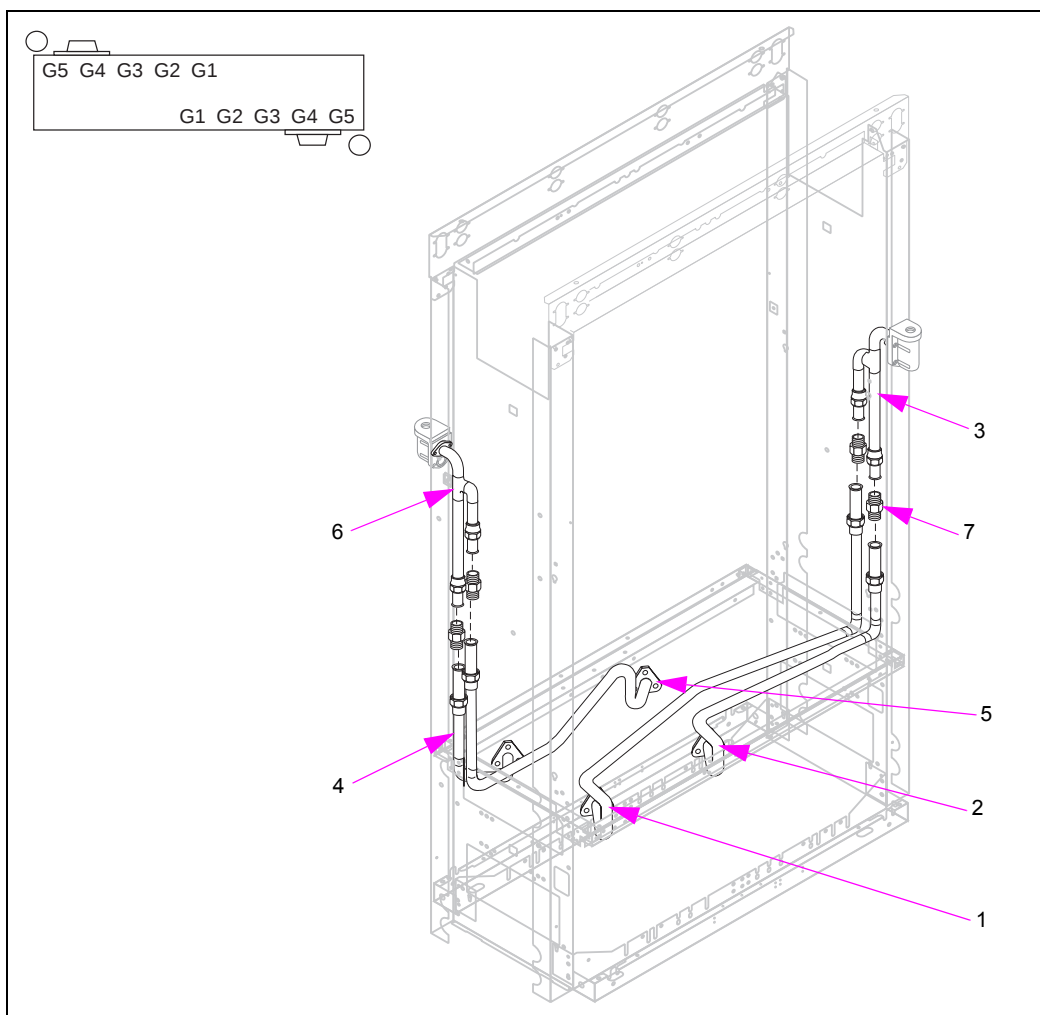
Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W02902-G1	-	1
2	Discharge Line, Side A, High Product	W02901-G1	-	1
3	Discharge Line, Side B, Low Product	W03045-G1	-	1
4	Discharge Line, Side B, High Product	W03049-G1	-	1
5	Flare Union, 7/8"	Q12625-01	-	3
6	Upper Discharge Line, Side A	W03512-G1	-	1
Notes: 1. Single-sided units use Side A piping only. 2. All parts may not be available as spare parts.				

Blender, 48-inch, X + 0 Dispenser (Symmetrical, Hose Left)



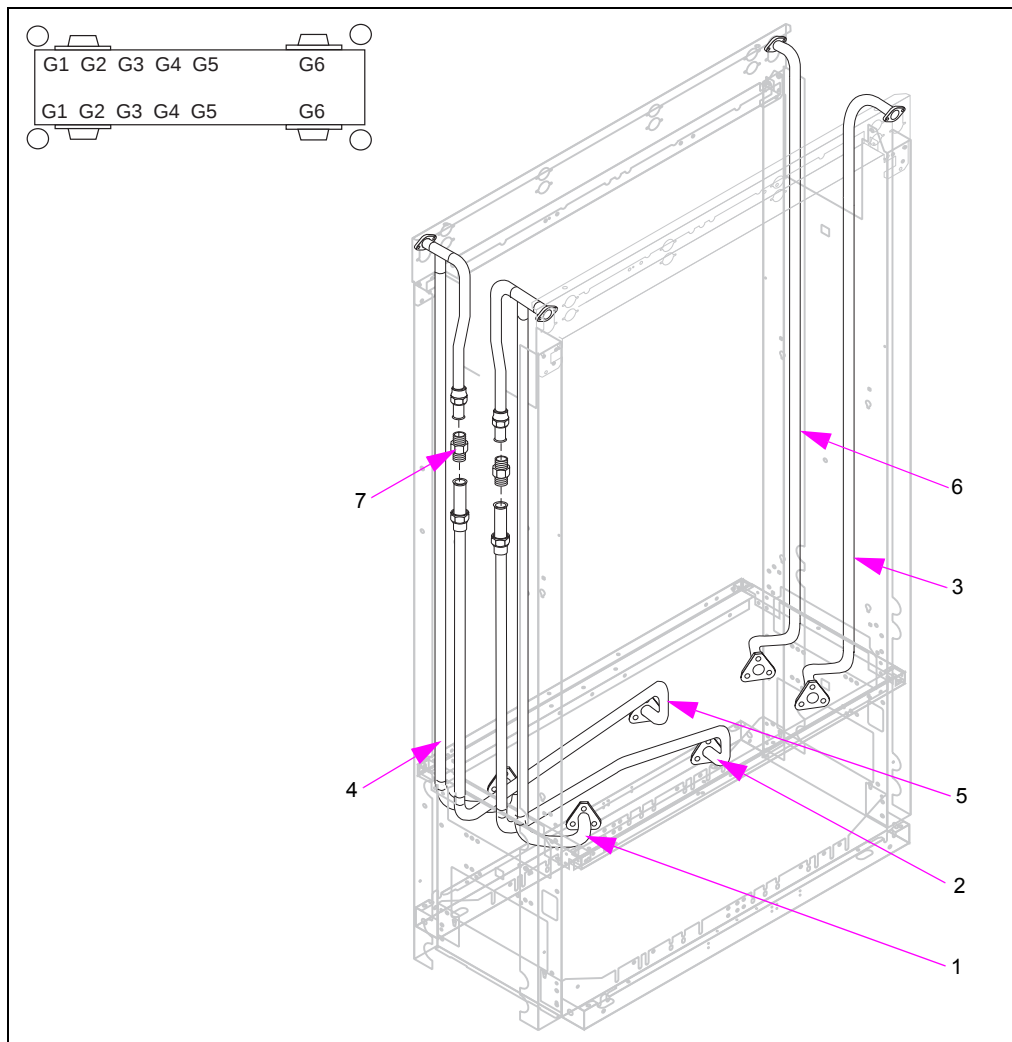
Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W03043-G1	-	1
2	Discharge Line, Side A, High Product	W03047-G1	-	1
3	Discharge Line, Side B, Low Product (obsolete, see note 1)	-	W02903-G1	1
4	Discharge Line, Side A, High Product	W03383-G1	-	1
5	Upper Discharge Line, Side B	W03382-G1	-	1
6	Flare Union, 7/8"	Q12625-01	-	3
Notes: 1. No replacement. 2. All parts may not be available as spare parts. 3. Single-sided units use Side A piping only.				

Blender, 48-inch, X + 0 Dispenser (Symmetrical, with Extended Reach Option)



Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W03711-G1	W03561-G1	1
2	Discharge Line, Side A, High Product (obsolete, see note 1)	-	W03562-G1	1
3	Upper Discharge Line, Side A (obsolete, see note 1)	-	T19647-G1	1
4	Discharge Line, Side B, Low Product (obsolete, see note 1)	-	W03559-G1	1
5	Discharge Line, Side A, High Product (obsolete, see note 1)	-	W03560-G1	1
6	Upper Discharge Line, Side B (obsolete, see note 1)	-	T19647-G1	1
7	Flare Union, 7/8"	Q12625-01	-	3
Notes: 1. No replacement. 2. All parts may not be available as spare parts. 3. Single-sided units use Side A piping only.				

Blender, 48-inch, X + 1 Dispenser (Mirrored)

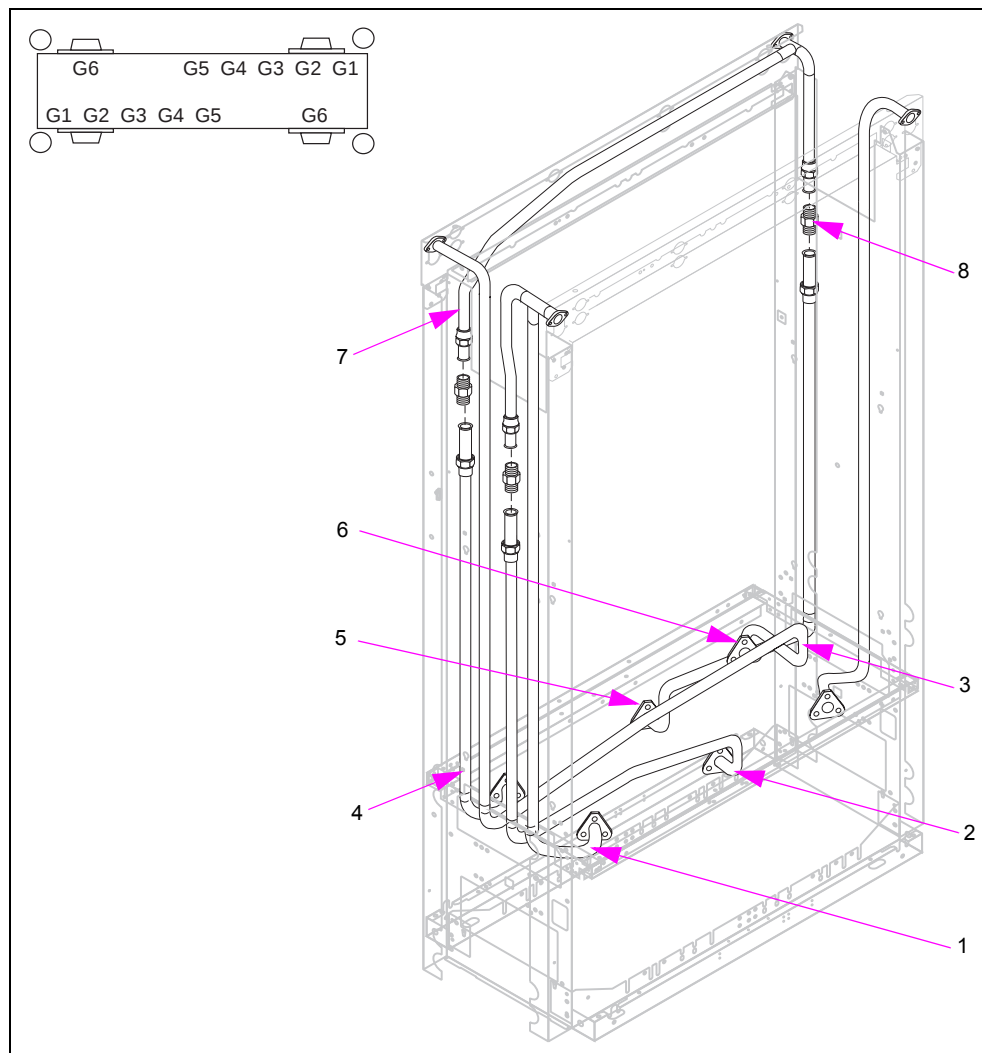


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W03043-G1	-	1
2	Discharge Line, Side A, High Product	W03047-G1	-	1
3	Discharge Line, Side A, Straight Product	W02978-G1	-	1
4	Discharge Line, Side B, Low Product	W03045-G1	-	1
5	Discharge Line, Side B, High Product	W03049-G1	-	1
6	Discharge Line, Side B, Straight Product	W02979-G1	-	1
7	Flare Union, 7/8"	Q12625-01	-	2

Notes:

1. Single-sided units use Side A piping only.
2. All parts may not be available as spare parts.

Blender, 48-inch, X + 1 Dispenser (Symmetrical, Straight-product Right)

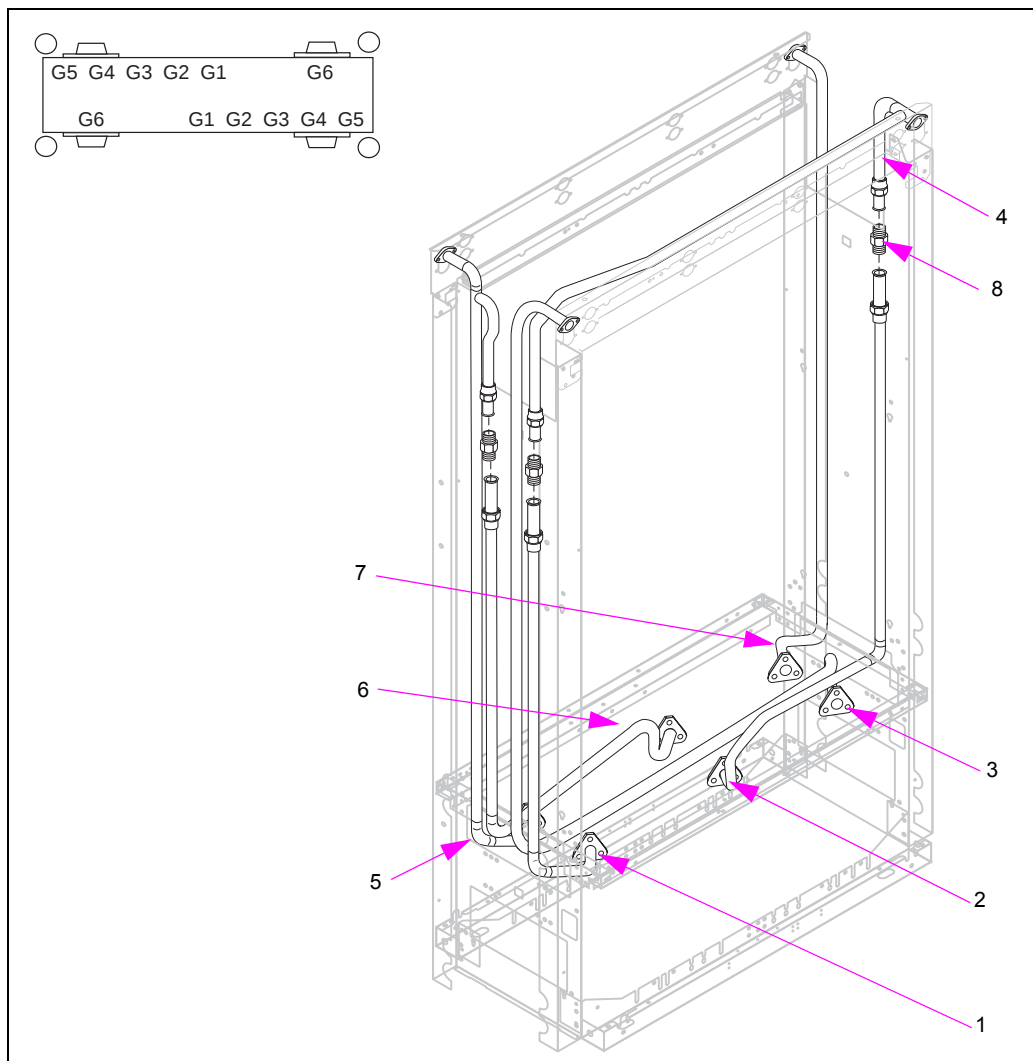


Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W03043-G1	-	1
2	Discharge Line, Side A, High Product	W03047-G1	-	1
3	Discharge Line, Side A, Straight Product	W02978-G1	-	1
4	Discharge Line, Side B, Low Product (obsolete, see note 1)	-	W02903-G1	1
5	Discharge Line, Side B, High Product	W03383-G1	-	1
6	Discharge Line, Side B, Straight Product	W03587-G1	-	1
7	Upper Discharge Line, Side B	W03382-G1	-	1
8	Flare Union, 7/8"	Q12625-01	-	3

Notes:

1. No replacement.
2. All parts may not be available as spare parts.
3. Single-sided units use Side A piping only.

Blender, 48-inch, X + 1 Dispenser (Symmetrical, Straight-product Left)



Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line, Side A, Low Product	W02902-G1	-	1
2	Discharge Line, Side A, High Product	W02901-G1	-	1
3	Discharge Line, Side A, Straight Product	W03590-G1	-	1
4	Upper Discharge Line, Side A	W03512-G1	-	1
5	Discharge Line, Side B, Low Product	W03045-G1	-	1
6	Discharge Line, Side B, High Product	W03049-G1	-	1
7	Discharge Line, Side B, Straight Product	W02979-G1	-	1
8	Flare Union, 7/8"	Q12625-01	-	3
Notes: 1. Single-sided units use Side A piping only. 2. All parts may not be available as spare parts.				

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