



Commercial and Retail Series

Atlas® Pump and Dispenser Illustrated Parts Manual

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Approvals

Gasboy, Greensboro, is an ISO 9001:2000 registered facility.

Underwriters Laboratories (UL):

UL File#	Products listed with UL
MH4314	All dispensers and self-contained pumping units
MH10581	Key control unit, Model GKE-B Series Card reader terminals, Models 1000, 1000P Site Controller, Model 2000S CFN Series Data entry terminals, Model TPK-900 Series Fuel Point Reader System

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 Compliance (CoC):

Gasboy 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 #	CoC#	Product	Model #
95-179	Dispenser	9100 Retail Series, 8700 Series, 9700 Series	91-019	Dispenser	9100 Commercial Series	05-002	Atlas	8700K, 8800K, 9100K, 9200K, 9800K
95-136	Dispenser	9800 Series	91-057	Controller	1000 Series FMS, 2000S-CFN Series			

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CIM™	Gilbert™	Optimum Series™
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1 – Introduction

This manual contains parts information for Gasboy® Atlas® 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 Atlas Series pumps and dispensers. Match the callout numbers from an illustration to the corresponding table to find information on a part name, number, and quantity required for that assembly.

Parts Tables

The tables in this manual are set up as follows. Definitions for each column are provided after the table:

Item #	Description	Current Part	Previous Part	Quantity
1	Printed Circuit Assembly (PCA), Terminal Block Board	M00044A001	-	1
	• Plastic Printed Circuit Board (PCB) stand-off, 1/4-inch	Q10651-02	-	2

Item

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

Description

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

Current Part

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

Previous Part

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

Note: When substituting an old part for a new part, always ensure that parts are compatible.

Quantity

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

Bulleted Items (Located under Description)

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

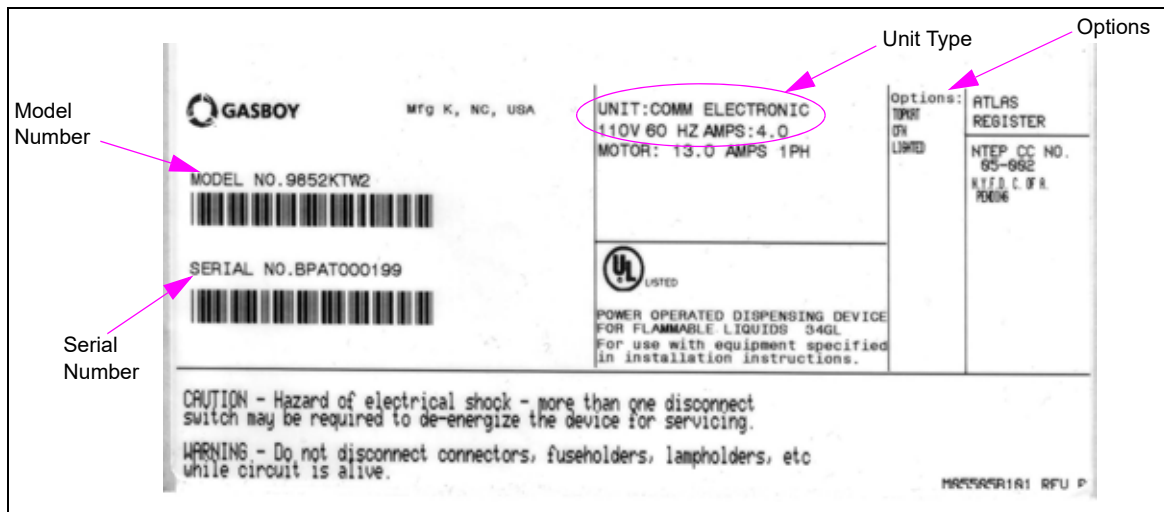
When Ordering Parts

Keep the following items in mind when ordering Gilbarco® parts:

- 1 Furnish the model number, date code, and original options. This information is printed on a serial label located on the side of the frame column in the lower frame section (see [Figure 1](#)).
- 2 Provide the following information:
 - Part number
 - Quantity of the part required
 - Description of part
 - Color, graphics, and other details required for order-entry items.

*Note: **Order-entry item:** An item that can be ordered individually using its individual part number (not a part that is available only as part of a kit).*

Figure 1: Serial Label



Model Number

The model number provides information on the configuration and options of the unit.

The serial label is located in the upper cabinet:

- Mechanical models - On the side of the frame in front of the electric reset.
- Electronic models - On the inside of the top housing frame assembly.

Date Code

The date code provides the month and year of manufacture. For example, a unit stamped BK was built in February 2001. Use the following chart as reference to determine date codes:

Month Codes		
A = January	E = May	J = September
B = February	F = June	K = October
C = March	G = July	L = November
D = April	H = August	M = December
Year Codes		
A = 2012	H = 2019	R = 2026
B = 2013	J = 2020	S = 2027
C = 2014	K = 2021	T = 2028
D = 2015	L = 2022	U = 2029
E = 2016	M = 2023	W = 2030
F = 2017	N = 2024	X = 2031
G = 2018	P = 2025	

Paint Codes

Certain parts, such as side panels, require paint code information. Use the following paint code information when ordering painted parts:

Paint Color	Current Paint Code	Previous Paint Code
Gromark White	N1	040403
White	A0	040433
Agway White	N5	040404
Cenex® Beige	N2	040405
Yellow	N8	040398
Orange	R1	040412
Red/Orange	R2	040414
Standard Red	G8	040402
Red	N3	040415
Texas Red	N7	040409
Esso™ Blue	F8	040451
Light Blue	R3	040463
Dark Blue	F3	039988
Standard Green	N4	040406
Metallic Grey	C7	040407
Grey	N6	040394
Soyoil Grey	N9	040410
Brown	R8	040447
Black	B0	040401

Serial Number

The serial number identifies the unit, by customer.

Options

The options is a list of customer driven options per unit.

Unit Type

The unit type specifies the type of unit, that is, Gasboy Atlas commercial or mechanical.

Related Documents

Document Number	Title	GOLD SM Library
M02775	Pump & Dispenser Software	N/A
MDE-4652	Atlas 9800 Electronics Field Installation Instructions	N/A
MDE-2188	C, C+, and HD Meter Quad Ring Top Seal Replacement Kits (K35222 and K35222-01)	Advantage TM and Legacy [®]
MDE-3892	Meter Master Seal Service Kits (K96618 and M08182K001) Installation Instructions	Encore [®] and Eclipse TM
MDE-4320	Gasboy UHF Pump, Blackmer [®] XU2A Rebuild Kit Installation Manual	Gasboy Q, A and E Series Pumps/Dispensers
MDE-4331	Atlas Fuel Systems Installation Manual	Gasboy Atlas Pumps/Dispensers
MDE-4334	Commercial and Retail Series Atlas Start-up/Service Manual	- Gasboy Atlas Pumps/Dispensers - Service Manual
MDE-4430	Important Warnings and Safeguards	- Gasboy Consumer - Gasboy Safety & Warranty Docs
MDE-4447	Gilbarco Global Pumping Unit Operation and Service Manual	- Pump & Dispenser Start-up - Service Manual
MDE-4487	Atlas Dispenser Vapor Recovery Kit (M06184K00X) Installation Instructions	Gasboy Pump and Dispenser Kit Instructions
MDE-4506	Atlas Pulser Kits M06245K0XX Installation	Gasboy Pump and Dispenser Kit Instructions
MDE-4511	Card System Interface and Electro-mechanical Totalizer Retrofit Kits for Atlas Commercial Electronic Units Installation Instructions	Gasboy Pump and Dispenser Kit Instructions
MDE-4512	Lamp Kit (M06227K00X) Installation Instructions for Atlas 8700K/9100K and 8800K/9800K	- Gasboy Pump and Dispenser Kit Instructions - Gasboy Consumer
MDE-4514	Instructions for Installing Atlas Hi-Flow Satellite Piping Conversion Kits M06391K00X	Gasboy Pump and Dispenser Kit Instructions
MDE-4522	Atlas Self-Contained Pump Vapor Recovery Kit M06430K00X Installation	Gasboy Pump and Dispenser Kit Instructions
MDE-4533	Instructions for Installing Atlas NPT Discharge Kit (M06648K001)	Gasboy Pump and Dispenser Kit Instructions
MDE-4541	Atlas Motor Kit M06699KXXX Installation	Gasboy Pump and Dispenser Kit Instructions
MDE-4548	Atlas Rain Baffle Air Gap Kit M06804K002 Installation Instructions	Gasboy Pump and Dispenser Kit Instructions
MDE-4556	Gasboy ATC Kits M06875K00X Installation Manual	Gasboy Pump and Dispenser Kit Instructions
MDE-4557	Atlas Hand Drive Kit M06874K001 Installation Instructions	Gasboy Pump and Dispenser Kit Instructions
MDE-4568	Atlas Ultra-Hi [™] Mechanical Totalizer Kit Installation Instructions	Gasboy Pump and Dispenser Kit Instructions
MDE-4596	Atlas Submersible Drive Relay Kits (M05816K00X) Installation Instructions	Gasboy CFN Series Controllers & POS
MDE-4740	Atlas Bezel Upgrade Kit (M08400K001) Installation Instructions	Gasboy Atlas Pumps/Dispensers
MDE-4998	Main Display Assembly (M12158A004) for Atlas 9800	Gasboy Pump and Dispenser Kit Instructions
PT-1950	Atlas Recommended Spare Parts List	Gasboy Atlas Pumps/Dispensers

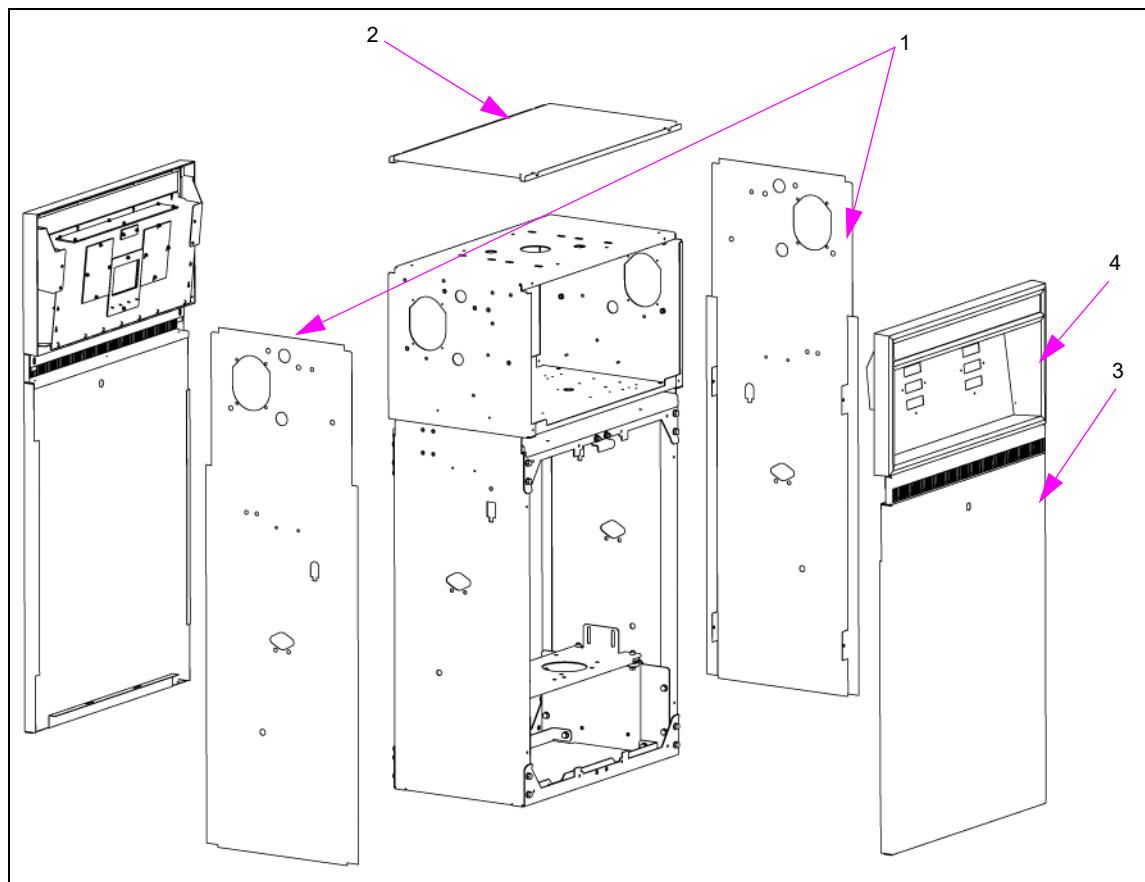
Document Number	Title	GOLD SM Library
PT-1963	Gasboy PLUS and PRIME Illustrated Spare Parts Manual	Gasboy Atlas Pumps/Dispensers

Abbreviations and Acronyms

Term	Description
ATC	Automatic Temperature Compensation
CD	Computer Display
CFT	Center Flow Through
CPU	Central Processing Unit
DEF	Diesel Exhaust Fluid
E-CAL	Electronic Calibration
EEPROM	Electrically Erasable Programmable Read-Only Memory
GOLD	Gilbarco Online Documentation
GPU	Global Pumping Unit
HHR	High Hose Retriever
I.S.	Intrinsic Safety
J-box	Junction Box
LC	Liquid Control
LCD	Liquid Crystal Display
LED	Light Emitting Diode
MTR	Material Test Report
NPT	National Pipe Thread
PCA	Printed Circuit Assembly
PCB	Printed Circuit Board
PCN	Pump Control Node
PPP	Programmable Pump Preset
PSI	Pounds (of Pressure) per Square Inch
RTD	Resistance Temperature Detectors
SEMS	Pre-assembled Washers and Screws

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2 – Sheathing, Doors, and Bezels



Item #	Description	Part Number
1	Side Panels	Refer to "Single-sided Units" on page 2-2 and/or "Dual-sided Units" on page 2-2 .
2	Top Panel	Refer to "Top Panels - Stainless Steel" on page 2-3 and/or "Top Panels - Painted" on page 2-3 .
3	Door	Refer to "Lower Doors" on page 2-4 .
4	Bezel	Refer to "Bezels" on page 2-5 .

Side Panel

Single-sided Units

All single-sided units feature one blank panel and unit-specific panel as noted in the following table.

Dual-sided Units

All dual-sided units feature two unit-specific panels as noted in the following table.

Note: To order painted panels, you must include both panel numbers and paint code. Refer to “Paint Codes” on page 1-3.

All panels are attached to the frame with four 12-24 X 1/2-inch long thread-forming pan head screws.

Stainless Steel	Painted	Panel Description
Models 8753KX, 8853KX, 9153KX, and 9853KX High Flow		
M06485B001	M06485B101	Standard Blank Panel
M06485B002	M06485B102	Pump, Electronic Side-load
M06485B003	M06485B103	Pump, Front-load
M06485B004	M06485B104	Pump Auto-on with Keypad, Side-load
M06485B005	M06485B105	Pump, Auto-on, Side-load
M06485B006	M06485B106	Pump, Mechanical
M06485B007	M06485B107	Dispenser, Electronic Side-load
M06485B008	M06485B108	Dispenser, Front-load
M06485B009	M06485B109	Dispenser, Auto-on with Keypad, Side-load
M06485B010	M06485B110	Dispenser, Auto-on, Side-load
M06485B011	M06485B111	Dispenser, Mechanical
M06485B012	M06485B112	Dispenser, DEF
M06485B013	M06485B113	Dispenser, E85, Side-load
M06485B014	M06485B114	Dispenser, E85 Front-load
Models 8753KX, 8853KX, 9153KX, and 9853KX High Flow with Satellite Connections		
M06485B001	M06485B101	Standard Blank Panel
M06487B006	M06487B106	Dispenser, Electronic Side-load with Satellite Piping
M06487B007	M06487B107	Dispenser, Front-load with Satellite Piping
M06487B008	M06487B108	Dispenser, Auto-on with Keypad, Side-load, with Satellite Piping
M06487B009	M06487B109	Dispenser, Auto-on, Side-load, with Satellite Piping
M06487B010	M06487B110	Dispenser, Mechanical
Models 9140, 9840, and 9850 Super-Hi™ and Ultra-Hi Flow		
M06486B001	M06486B101	Super-Hi Blank Panel
M06486B002	M06486B102	Super-Hi Flow, Electronic Side-load, Pump or Dispenser
M06486B003	M06486B103	Super-Hi Flow, Front-load, Pump or Dispenser
M06486B004	M06486B104	Super-Hi Flow, Auto-on with Keypad, Side-load, Pump or Dispenser
M06486B005	M06486B105	Super-Hi Flow, Auto-on Side Load, Pump or Dispenser
M06486B006	M06486B106	Super-Hi Flow, Mechanical Pump or Dispenser
M06486B008	M06486B108	Ultra-Hi Flow, Side-load, Pump or Dispenser
M06486B009	M06486B109	Ultra-Hi Flow, Front-load, Pump or Dispenser

Side Panel Cosmetic Plugs

Note: Side panels have holes for all options offered on the specific model noted in the side panel table above. These kits contain plugs to cover un-used holes. Quantities are one per panel.

Kit Number	Description
M06506K001*	Panel Plug Kit, Standard-flow and High-flow Models
	Panel Plug Kit, Super-Hi Flow Models
	Panel Plug Kit, Ultra-Hi Flow Models
*Quantity is one per hose.	

Top Panels

Newer units use an industrial strength tape (K85492-78) to secure the top panel. Older top panels used four screws as shown in the first table below. Use the following tables to select the appropriate top panel for your unit:

Screws - All Top Panels

Part Description	Current Part	Previous Part	Quantity
Screw, Thread Forming Pan M6	N/A	M04287B001	4 per Panel

Top Panels - Stainless Steel

Unit Description	Part Description	Current Part	Previous Part	Quantity
Standard Electronic and Mechanical Units (Stainless Steel)	Top Sheath - Standard (Stainless Steel)	M04887B001	-	1 per Unit
Electronic Units with TopKAT™ Option (Stainless Steel)	Top Sheath - TopKAT (Stainless Steel)	M04887B002	-	1 per Unit
Mechanical One-sided Units with Electrical Keytrol Option (Stainless Steel)	Top Sheath - Electrical Keytrol, Single (Stainless Steel)	M04887B003	-	1 per Unit
Mechanical Dual-sided Units with Electrical Keytrol Option (Stainless Steel)	Top Sheath - Electrical Keytrol, Dual (Stainless Steel)	M04887B004	-	1 per Unit

Top Panels - Painted

Note: To order a painted panel, you must include the part number and paint code. Refer to “Paint Codes” on page 1-3.

Unit Description	Part Description	Current Part	Previous Part	Quantity
Standard Electronic and Mechanical Units (Painted)	Top Sheath - Standard (Painted)	M04887B011	-	1 per Unit
Electronic units with TopKAT option (Painted)	Top Sheath - TopKAT (Painted)	M04887B012	-	1 per Unit
Mechanical One-sided Units with Electrical Keytrol Option (Painted)	Top Sheath - Electrical Keytrol, Single (Painted)	M04887B013	-	1 per Unit
Mechanical Dual-sided Units with Electrical Keytrol Option (Painted)	Top Sheath - Electrical Keytrol, Dual (Painted)	M04887B014	-	1 per Unit

Lower Doors

Select appropriate door or door part for your unit from the following table:

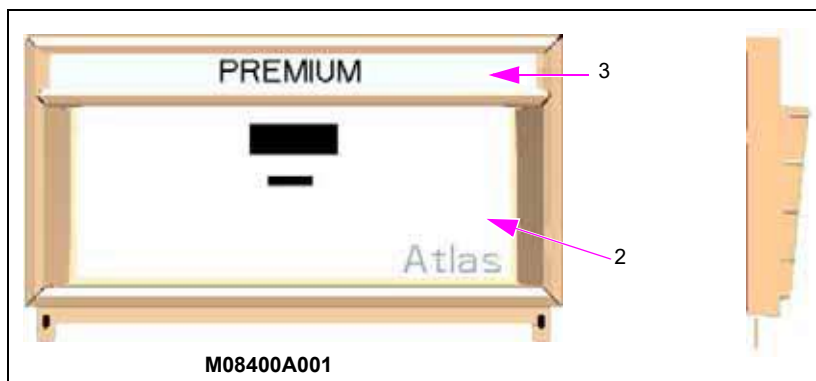
Note: All units have two doors.

Unit Description	Door Description	Part Number	Quantity
Mechanical Model	Lower, Stainless Steel	GK01003GA001	2 per Unit
	Lower Panel, Painted or Decaled	GK01003GA__	2 per Unit
Electronic Model, Side-load	Lower Panel, Stainless Steel	GK01001GA001	2 per Unit
	Lower Panel, Painted or Decaled	GK01001GA__	2 per Unit
	Lower Panel with Front Totalizer, Stainless Steel	GK01006GA001	2 per Unit
	Lower Panel with Front Totalizer, Painted	GK01006GA__	2 per Unit
Electronic Model, Front-load Single-sided	Lower Panel with Boot Cutout, Stainless Steel	GK01002GA001	1 per Unit
	Lower Panel, No Cutout, Stainless Steel	GK01001GA001	1 per Unit
	Lower Panel with Boot Cutout, Painted or Decaled	GK01002GA__	1 per Unit
	Lower Panel, No Cutout, Painted or Decaled	GK01001GA__	1 per Unit
	Lower Panel with Front Totalizer and Boot Cutout, Stainless Steel	GK01007GA001	1 per Unit
	Lower Panel, No cutout, Stainless Steel	GK01001GA001	1 per Unit
	Lower Panel with Front Totalizer and Boot Cutout, Painted or Decaled	GK01007GA__	1 per Unit
	Lower Panel, No cutout, Painted	GK01001GA__	1 per Unit
Electronic Model, Front-load Dual-sided	Lower Panel, Stainless Steel	GK01002GA001	2 per Unit
	Lower Panel, Painted or Decaled	GK01002GA__	2 per Unit
	Lower Panel with Front Totalizer and Boot Cutout, Stainless Steel	GK01007GA001	2 per Unit
	Lower Panel with Front Totalizer and Boot Cutout, Painted or Decaled	GK01007GA__	2 per Unit
Notes: 1) All electronic models using the above doors must also have two Rain Guard Air Gap Baffle Plates (M06690B001). Refer to "Air Gap Hardware and Computer Display (CD) Module Housing" on page 9-1 . 2) Nozzle boot covers are included with front-load doors. 3) Ensure to include full part numbers when ordering painted or decaled doors.			

Additional Door Parts

Part Description	Part Number	Quantity
Panel Lock and Key Kit	K34673	1 per Door

Bezels



Bezel Parts

Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
1	Atlas Bezel Retrofit Assembly	All	AT-DFBZK-00 (see note 1 and 2)	-	1 per Bezel
2	Dial Face Graphic	All	(see note 1 and 2)	-	1 per Bezel
3	Brand Panel Graphic	All	(see note 1 and 2)	-	1 per Bezel

Notes:

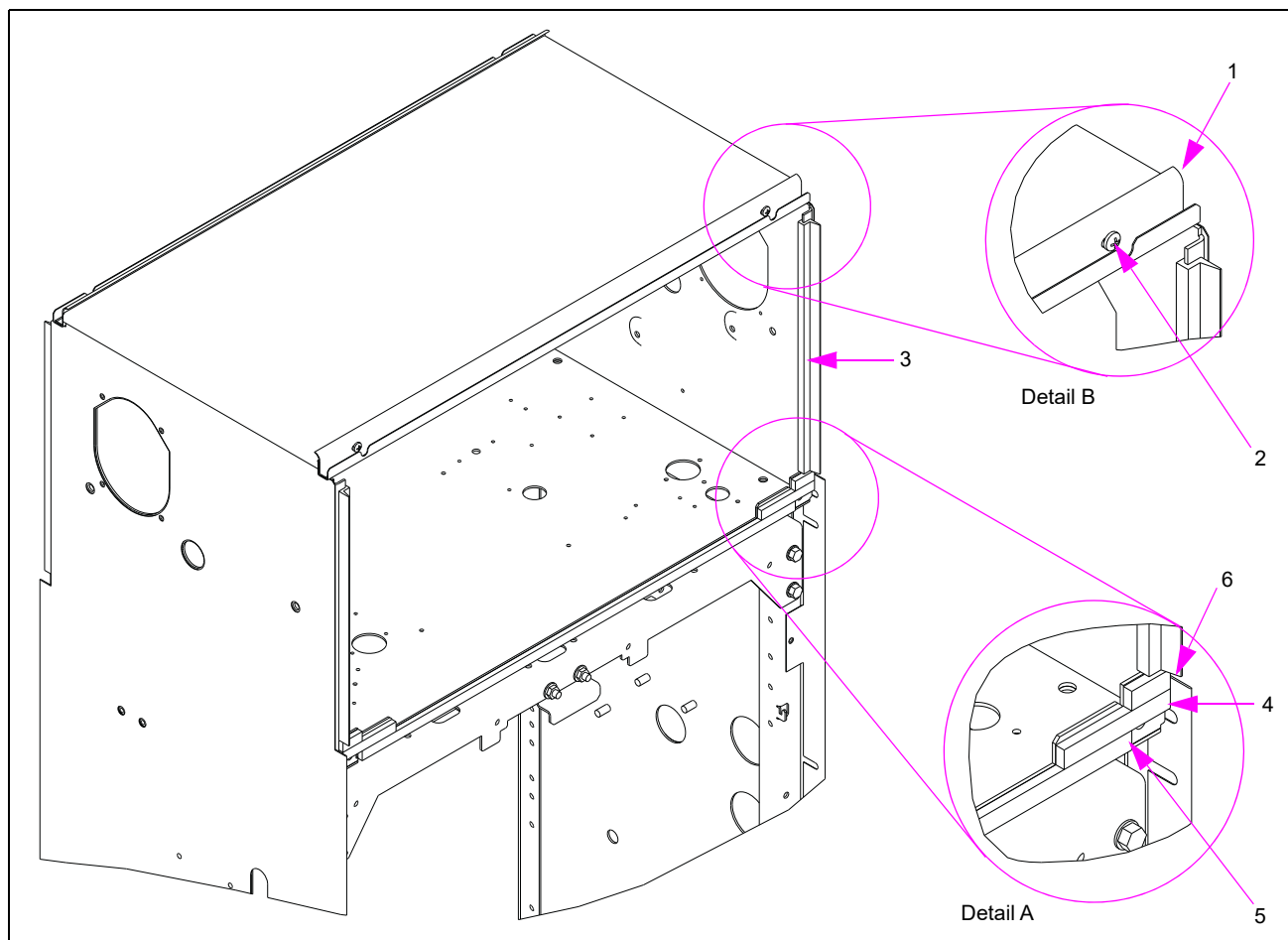
1 Configured Part - Order through CSR

Ensure to provide the following information on your purchase order:

- a Original unit model number (i.e. 9853KXTW1-DZ)
- b Original unit serial number (i.e. AT00XXXX)
- c A or B side (field wiring junction box is on A-side)
- d Does original unit have totalizers?
- e Language
- f Unit of Measure (Gallons or Liters)
- g Brand

2 A Wiper Gasket (M08340B001) is used to seal the top inner edge of the bezel, to prevent water leaks.

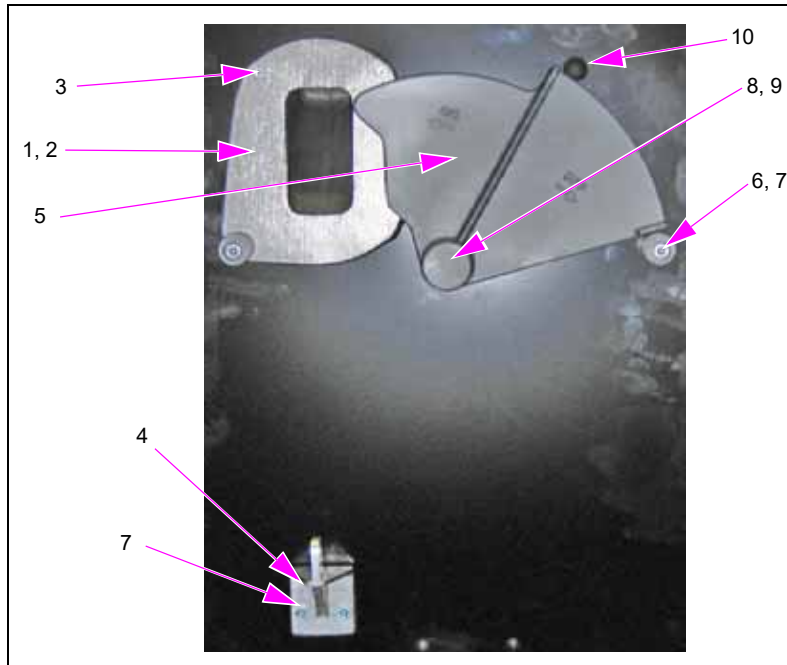
Detail B in the figure shows this gasket. It is attached by the two screws that attach the metal top cover.



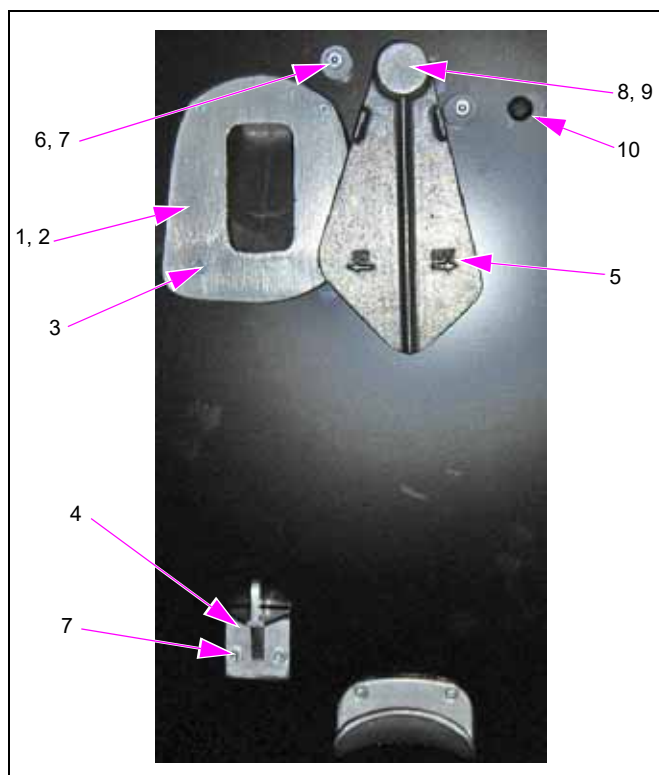
Item #	Part Description	Current Part	Previous Part	Quantity
<i>Following parts are sold as Atlas Bezel Sealing Gasket Kit (M08685K001):</i>				
1	Seal, Bezel Top	M08340B001	-	2
2	Screw, Thread FRM PH, 12-24 (Silver Painted Head)	M04287B001	-	4
3	Gasket, Upper Housing Side	M05095B001	-	4
4	Gasket 1/4 X 1/2 X 3.15	Q11899-08	-	4
5	Gasket 1/4 X 1/2 X 25.7	Q11899-08	-	2
6	Gasket 1/4 X 1/2 X 1	Q11899-08	-	4

3 – Nozzle Boots, Hose Hook, and Internal Hose Retrievers

Side-load Mechanical



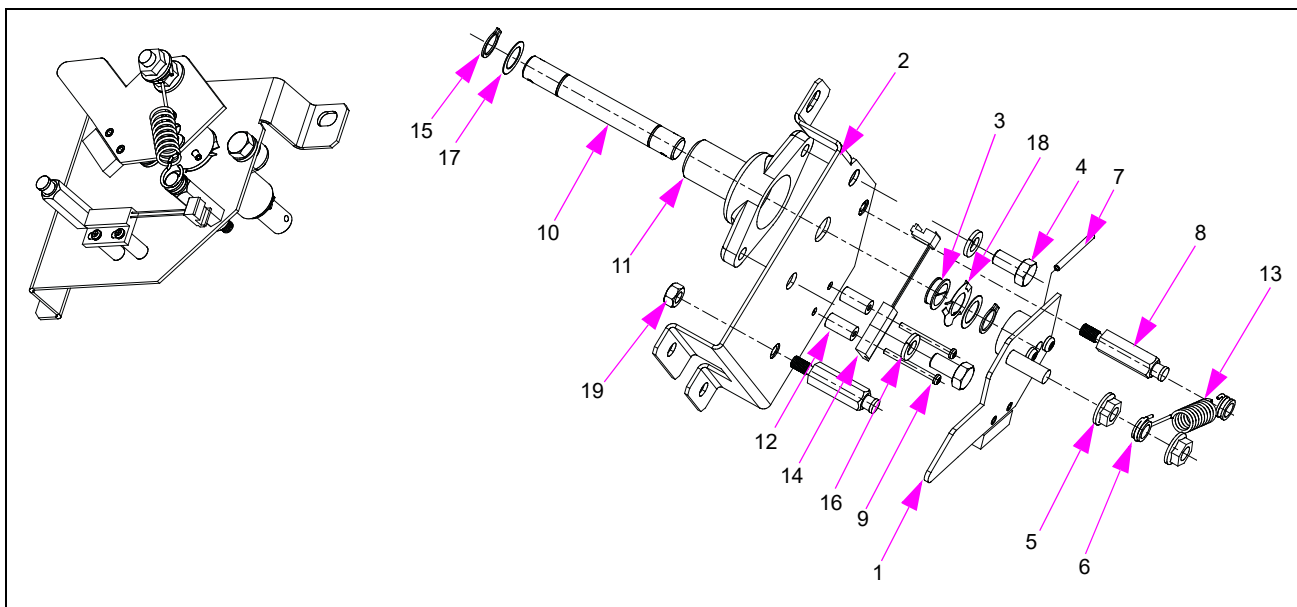
Side-load Electronic



Item #	Part Description	Used On	Current Part	Previous Part	Quantity
1	Nozzle Boot; 98 A, 88B/D (MACH)	STD Electronic	G003338	-	1
	Nozzle Boot; 88B/D VR (MACH)	Electronic Vapor	G003336	-	1
	Nozzle Boot Machined	STD Mechanical	M05142B001	-	1
	Boot, Nozzle	Mechanical Vapor	M05632B001	-	1
2	Gasket-nozzle Boot	All	G026850	-	1
3	Screw, TPT Phillips® Flat-head 8-32	All	Q13399-03	-	4
4	Nozzle Hook	All	M05574B001	-	1
	Nozzle Hook	Vapor Recovery	G003719	-	1
5	Lever Control 8800B/D (MACH)	Electronic	G003347	-	1
	Lever Control (Plastic) 87E	Mechanical	G003354	-	1
6	Stop-eccentric Plastic	All	M07990B001	-	2
7	Screw, SCK Head Cap Metric	All	M04973B006	-	4
8	Grommet, 1.500 OD X 0.875	All	N15941-44	-	1
9	Pin Roll P/N SZ-125-1.375	All	G042657	-	1
10	Plug Snap IN TW Fastex	Electronic	G047210	-	1

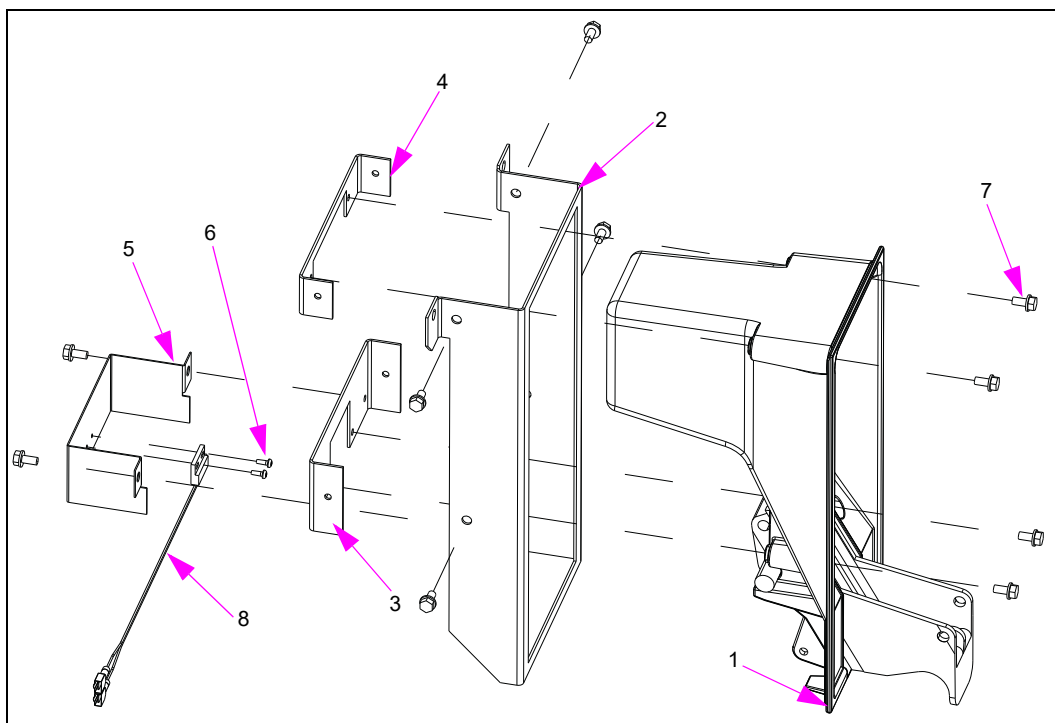
Side-load Activation Assembly (Reset Assembly)

Note: M04623A001 is not compatible with model A series pumps.



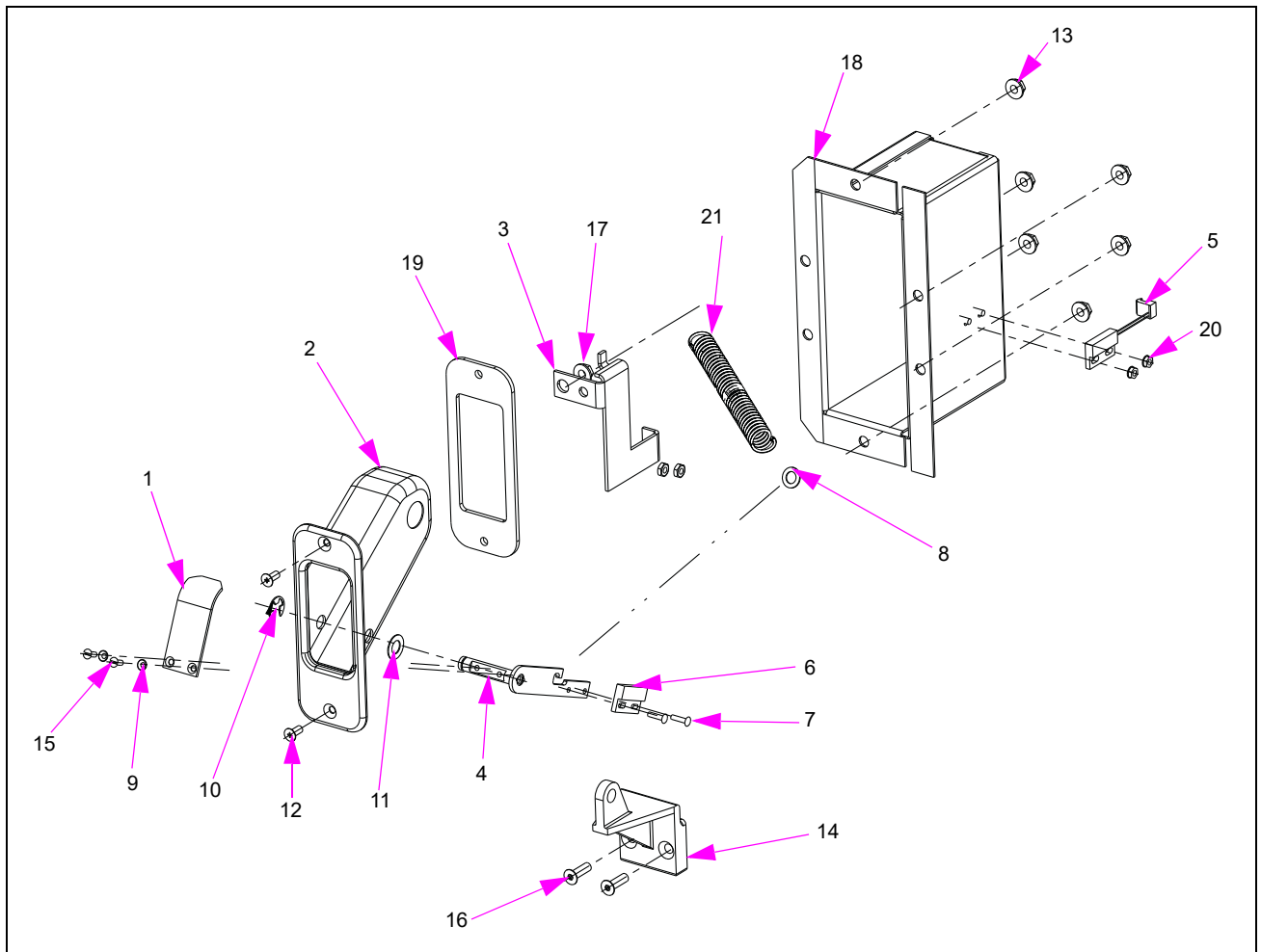
Item #	Part Description	Current Part	Previous Part	Quantity
	Assembly, Electronic Reset	M04623A001	-	1
1	Assembly, Reset Cam	M05295A001	-	1
2	Assembly, Reset Switch Bracket - 9800Q	M04617A001	-	1
3	Bearing, Nyliner Type 7, 1/2' Shaft	G011958	-	1
4	Bolt Hexagonal Head Finished	K51194	-	2
5	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	2
6	Pin Collar Delrin	G042912	-	2
7	Pin, Spirol 0.125 X 1.375	G042657	-	1
8	Post, Spring Retainer	M08220B002	-	2
9	Screw, Phillips Pan-head Machine 4-40 X 1.25	Q11270-28	-	2
10	Shaft, Start	G054447	-	1
11	Shaft, Start Bearing	G003184	-	1
12	Spacer, Nylon	G013190	-	2
13	Spring, Handle	M13977B001	029363	1
14	Switch Magnetic Reed	Q12514-10	-	1
15	Truarc Retaining Ring	K76238-20	-	2
16	Lockwasher Spring, 5/16 inch	K73278-28	-	2
17	Washer, Brass	G067109	-	2
18	Washer, Wave Bearing Loading	G068951	-	1
19	Hexagonal Nut 1/4-20 UNC-2B	K01941	-	1

Front-load Nozzle Boot



Item #	Part Description	Current Part	Previous Part	Quantity
	Assembly, Front-load Nozzle Boot	M04827A001	-	1
1	Assembly, Nozzle Boot	W03879-G1	-	1
2	Bracket, Nozzle Boot Mounting	M04826B001	-	1
3	Bracket, Nozzle Boot Mounting	M04829B001	-	1
4	Bracket, Nozzle Boot Mounting	M04829B002	-	1
5	Bracket, Switch Mounting	M05314B001	-	1
6	Screw, 6-32 X 3/8 Panhead	Q11769-15	-	2
7	Screw, T8, Hexagonal Washer Head M6 X 12	K85736-51	-	10
8	Sensor Assembly - Nozzle Boot	C04243	-	1

Auto-on Nozzle Boot, Reset, and Boot Cover



Item #	Part Description	Current Part	Previous Part	Quantity
1	Flap, Nozzle Boot	N23687-01	-	1
2	Nozzle Boot	R20269-01	-	1
3	Bracket, Nozzle Support	M04639B001	-	1
4	Assembly Cam and Shaft Nozzle Boot	N23693-G1	-	1
5	Switch Magnetic Reed	Q12514-10	-	1
6	Switch Magnetic Reed	Q12514-05	-	1
7	Rivet Pop	Q10084-16	-	2
8	Washer, Flat 0.328 X 0.562 X 0.0299	N16599-45	-	1
9	Washer, External Thread Flat-head #6 X 0.020	K50411-38	-	2
10	Ring, Retaining	K76238-37	-	1
11	Washer, Flat 0.328 X 0.687 X 0.026	N16599-71	-	1
12	Screw, Phillips Flat-head Metric M5 X 12	M05825B001	-	2
13	Nut, Metric, Hexagonal Serrated Flange (M6)	M00414B002	-	7
14	Nozzle Hook	M05574B001	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
15	82° Flat Head Machine Screw	K78552-21	-	2
16	Screw, SCK Head Cap Metric	M04973B006	-	2
17	Hexagonal Nut 8-32 Unc-28 Stl Zn Pl	Q12068-03	-	2
18	Assembly, Nozzle Boot Cover	M04641A003	-	1
19	Gasket, Nozzle Boot, Auto	M05627B001	-	1
20	Nut, Metric, Hexagonal with External M4 Blue	Q12885-05	-	2
21	Spring	K89852	-	1

Hose Hanger and Hose Retriever

Hose Hanger Option

Item #	Part Description	Current Part	Previous Part	Quantity
1	Hook-hose, 9100	G003740	-	1
2	Screw	-	-	2

Internal Hose Retriever - 3/4-inch

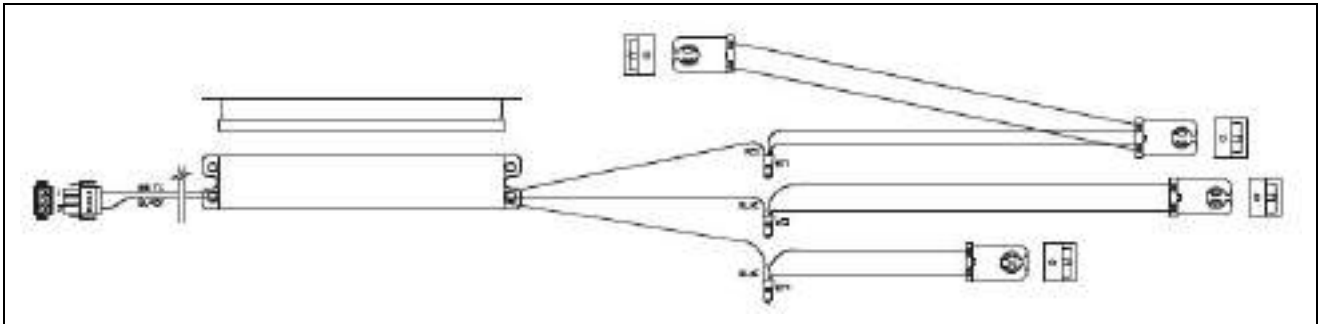
Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Retriever, and Cable	N20545-02	-	1
2	Grommet Hose Cable 45°	R18453-01	-	1
3	Nut, Hexagonal 1/4-20	K01941	-	1
4	Clamp, Hose (Inner Half) 3	N18319-03	-	2
5	Nut Hexagonal KEPS with External Lockwasher 4	Q12068-05	-	1
6	Clamp, Hose, and Cable	N18320-21	-	2
7	Ring, Retaining	K85573-01	-	1
8	End Cable Block	K86055-01	-	1
9	Tie Clamp	Q13641-01	-	1
10	Screw Cap OV Flst 1/4-20	K04585	-	1
11	Lockwasher Internal Thread 1/4 X 0.018	K50411-25	-	1

Internal Hose Retriever - 1-inch

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Retriever, and Cable	N20545-02	-	1
2	Grommet Hose Cable 45°	R18453-01	-	1
3	Nut, Hexagonal 1/4-20	K01941	-	1
4	Screw, Phillips Pan-head 10-32 X 0.50	Q11270-174	-	1
5	Nut, Screw, Clamp, Hose	K75766	-	1
6	Adapter Cable	K85940	-	1
7	Assembly, Hose Clamp 1-1/2"	N15680-01	-	1

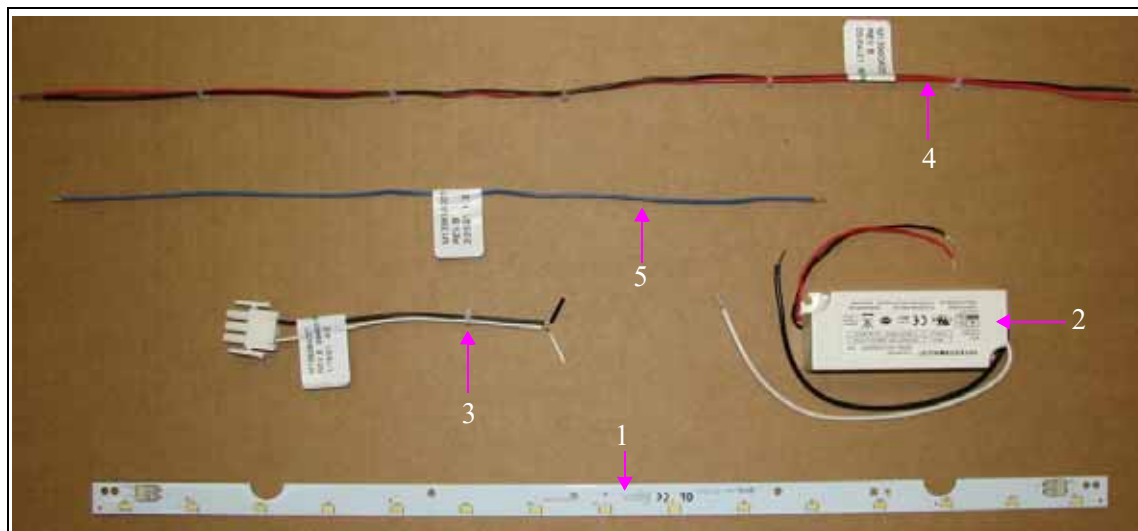
4 – Lights

Fluorescent Light and Ballast



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Ballast, and Two Lamp	M04890A001	-	1
2	Fluorescent Lamp	-	Q10557-01	see note 2
3	Light Bracket	M04813B001	-	2
<i>Note: 1. On welded frame unit, the light bracket is part of the welded cover. 2. Q10557 is obsolete. Use M06227K002 Lamp Kit for replacement.</i>				

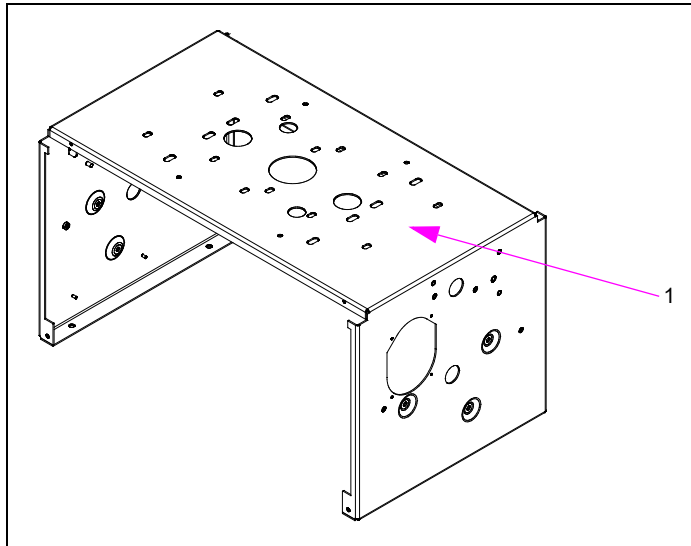
Light Emitting Diode (LED) Light and Driver



Item No.	Part Description	Current Part	Previous Part	Quantity
1	LED Light Strip	M13924A001	-	-
2	LED Driver Assembly	M13929B001	-	-
3	Cable, LED Driver AC Power Extension	M13928A001	-	-
4	Cable, LED Driver Output Extension	M13980A001	-	-
5	Cable, LED Strip Interconnect	M13981A001	-	-

5 – Frame Section

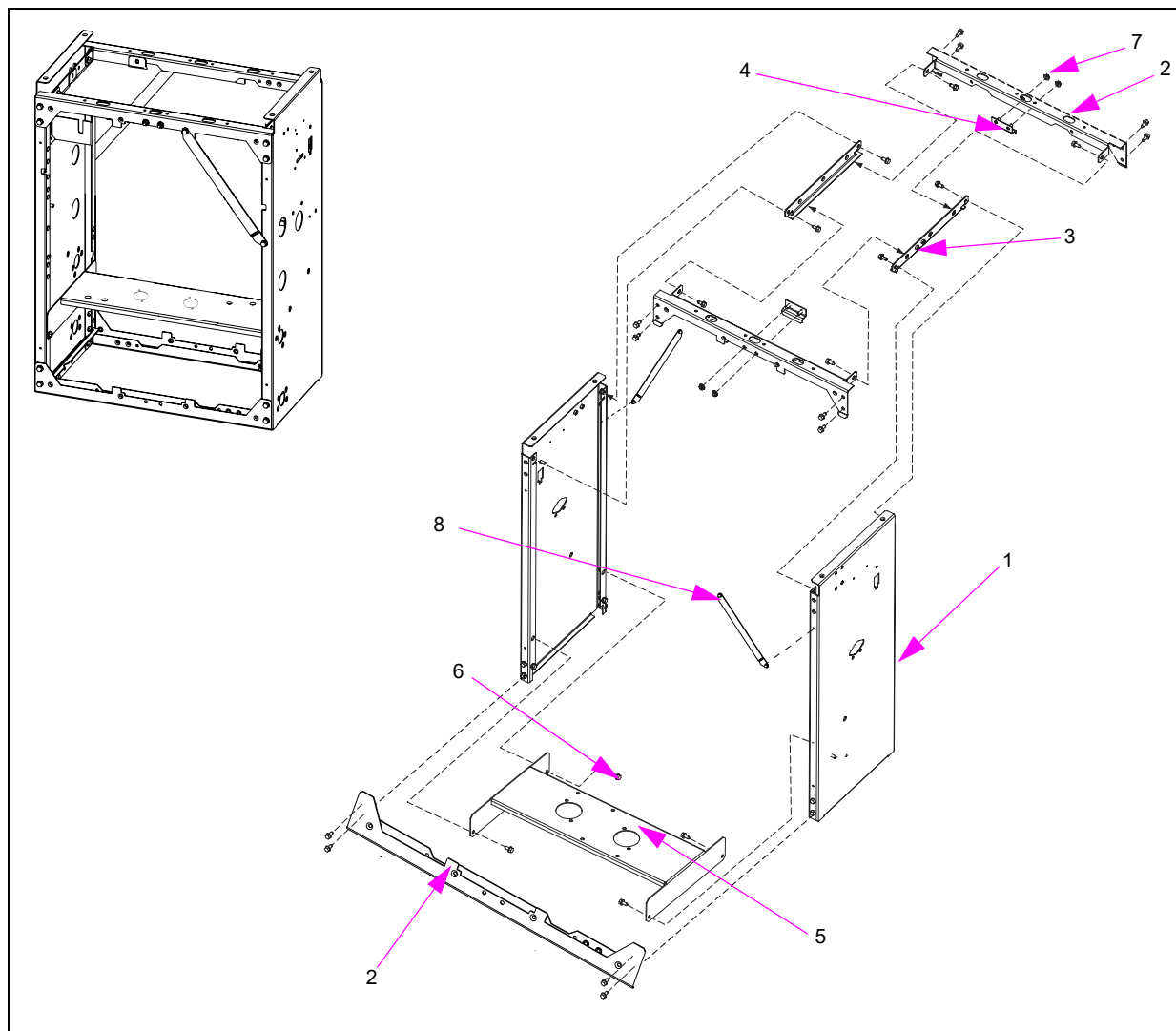
Weldment Top Housing Assembly



Item #	Part Description	Current Part	Previous Part	Quantity
1	Weldment Top Housing Assembly	M08909A001	-	1

Dispenser Frame

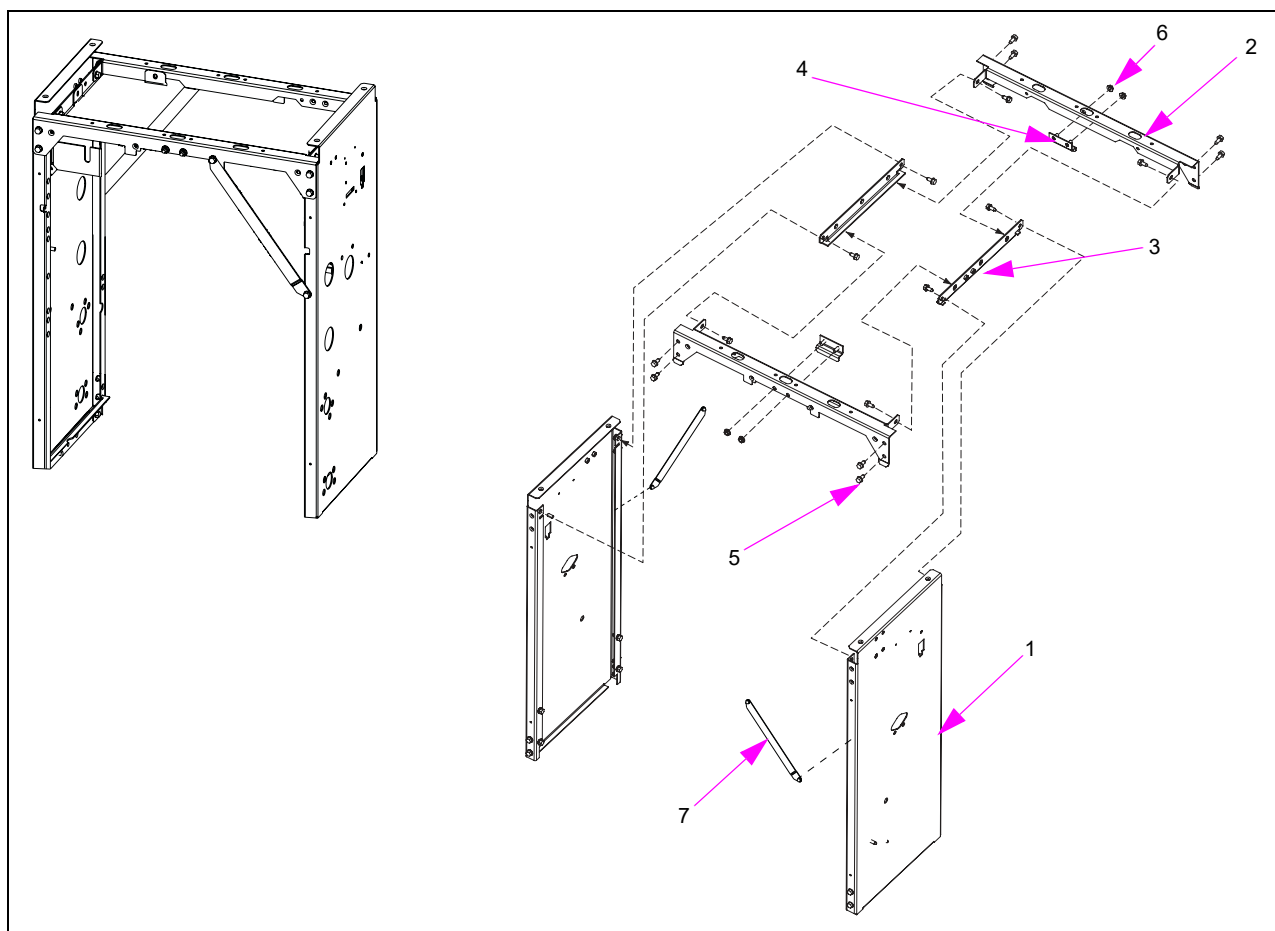
Note: Units built before November 12, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Lower Frame Column	M06628A001	-	2
2	Base Rail Frame	M04460B001	-	4
3	Column Cross Bracket	M04251B001	-	4
4	Lock Plate Bracket	M04774A001	-	2
5	Dispenser Inlet Rail (Dispenser only)	M05645B001	-	1
6	Screw (M8 X 18)	-	-	28
7	Nut (M8 Serrated)	-	-	4
8	Brace, Frame	M06733B001	-	2

Upper Frame (Self-contained)

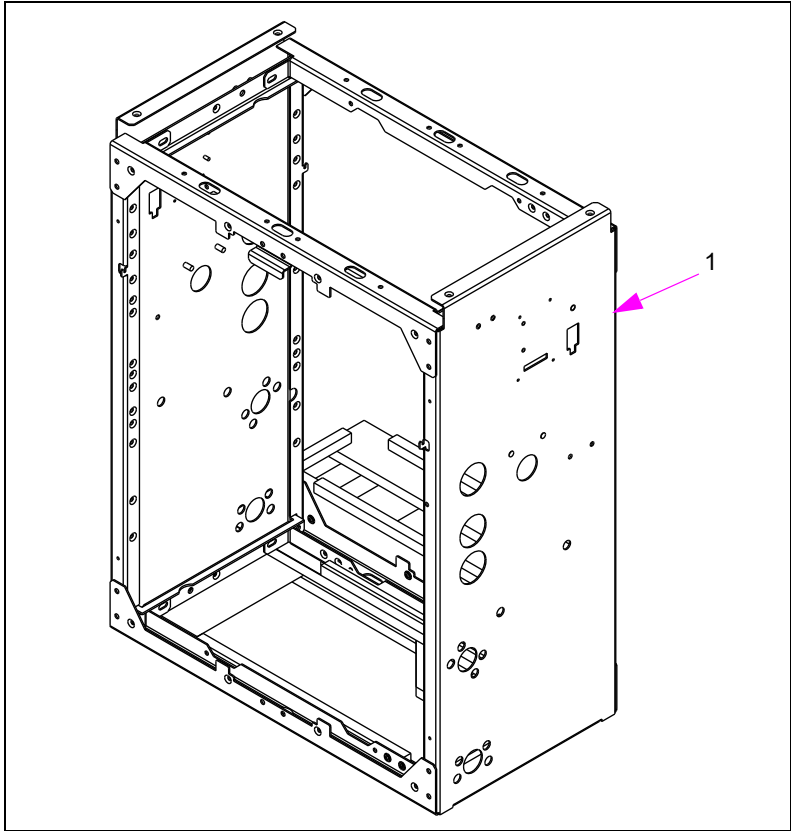
Note: Units built before November 12, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Lower Frame Column	M06628A001	-	2
2	Base Rail Frame	M04460B001	-	2
3	Column Cross Bracket	M04251B001	-	2
4	Lock Plate Bracket	M04774A001	-	2
5	Screw (M8 X 18)	-	-	28
6	Nut (M8 Serrated)	-	-	4
7	Brace, Frame	M06733B001	-	2

Lower Dispenser Welded Frame

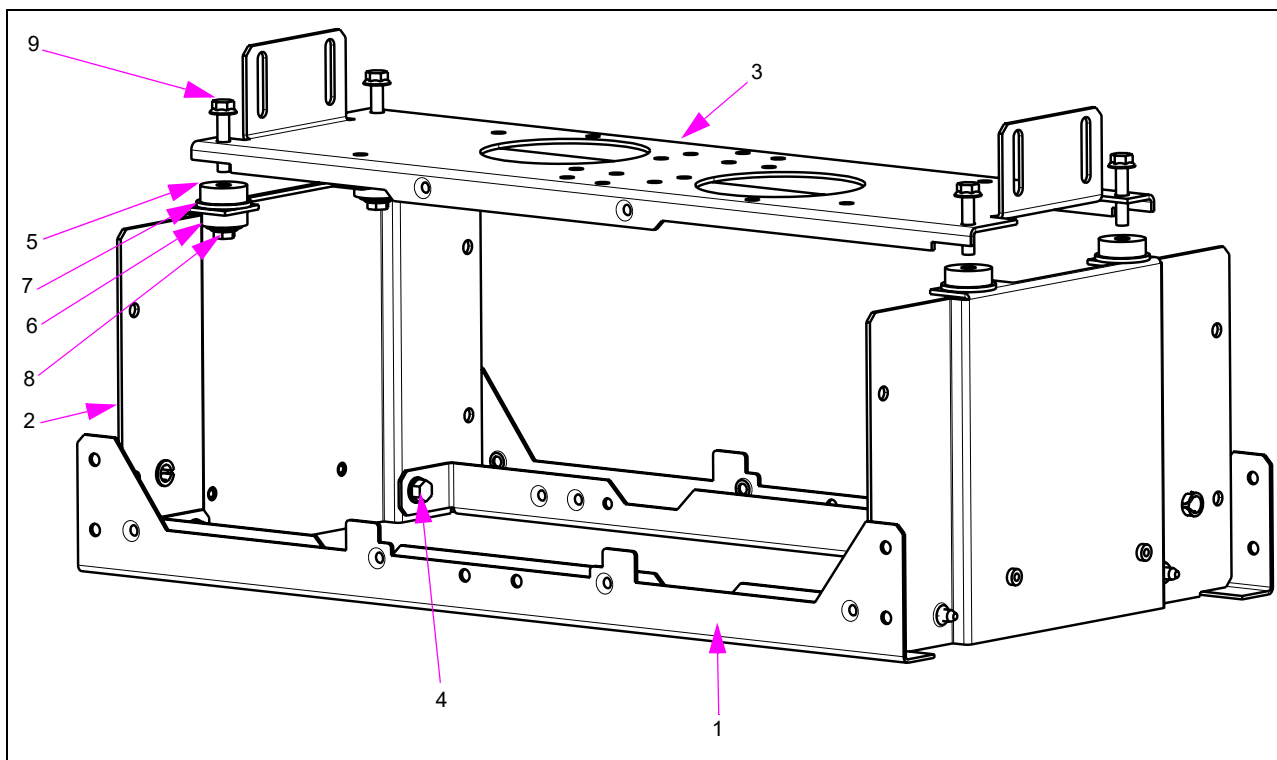
Note: Units built after November 12, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Frame Weldment	M08928A003	M08928A002	1

Lower Frame (Self-contained)

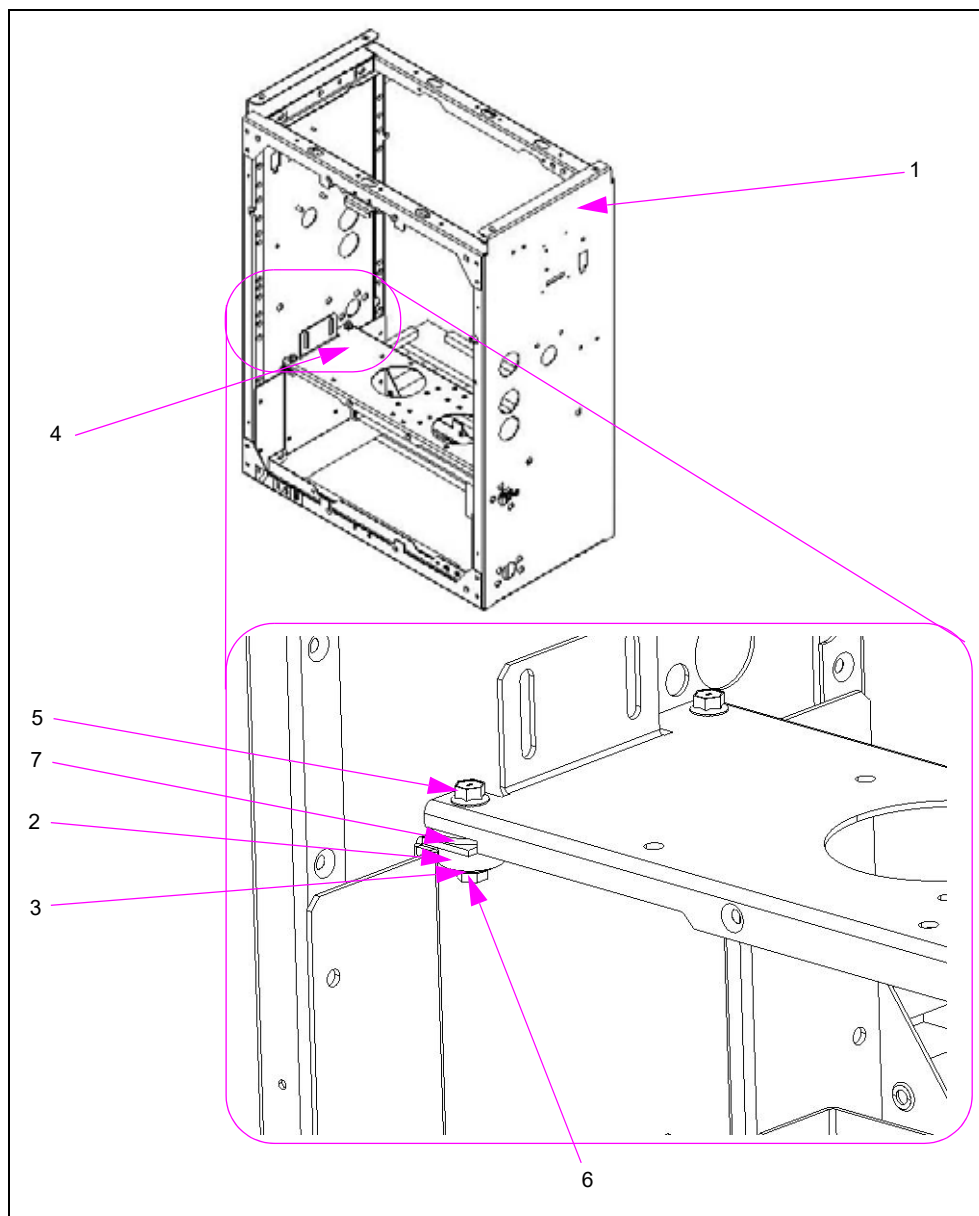
Note: Units built before November 12, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Base Rail Frame Support	M04460B001	-	2
2	Assembly Lower Frame Brace	M04868A001	-	2
3	Plate, Pump Support	M06684B001	-	1
4	Screw, Thread Forming, Hexagonal Washer Head, M8 X 18	M00417B009	-	4
5	Universal Isolation Mount	M04871B001	-	4
6	Flat Washer Metric M8 Zinc Plate	M00959B008	-	4
7	Flat Washer Metric - Yellow Chromate	M00959B019	-	4
8	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	4
9	Screw, Metric M8 X 40	M00415B017	-	4

Lower Welded Frame (Self-contained)

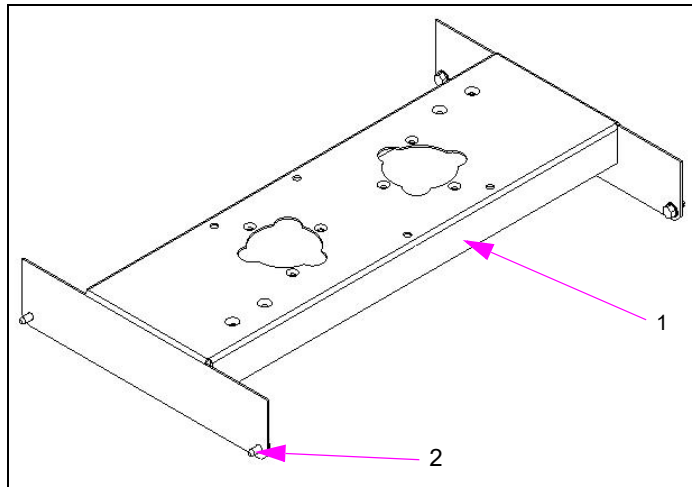
Note: Units built after November 12, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Frame Weldment	M08928A013	M08928A012	1
2	Mount, Universal	M04871B001	-	4
3	Flat Washer	M00959B008	-	4
4	Plate, Pump Support	M06684B001	-	1
5	Screw, Metric M8 X 40	M00415B017	-	4
6	Nut, Metric M8 Serrated	M00414B003	-	4
7	Washer, Flat M20 STL ZNPL	M00959B019	-	4

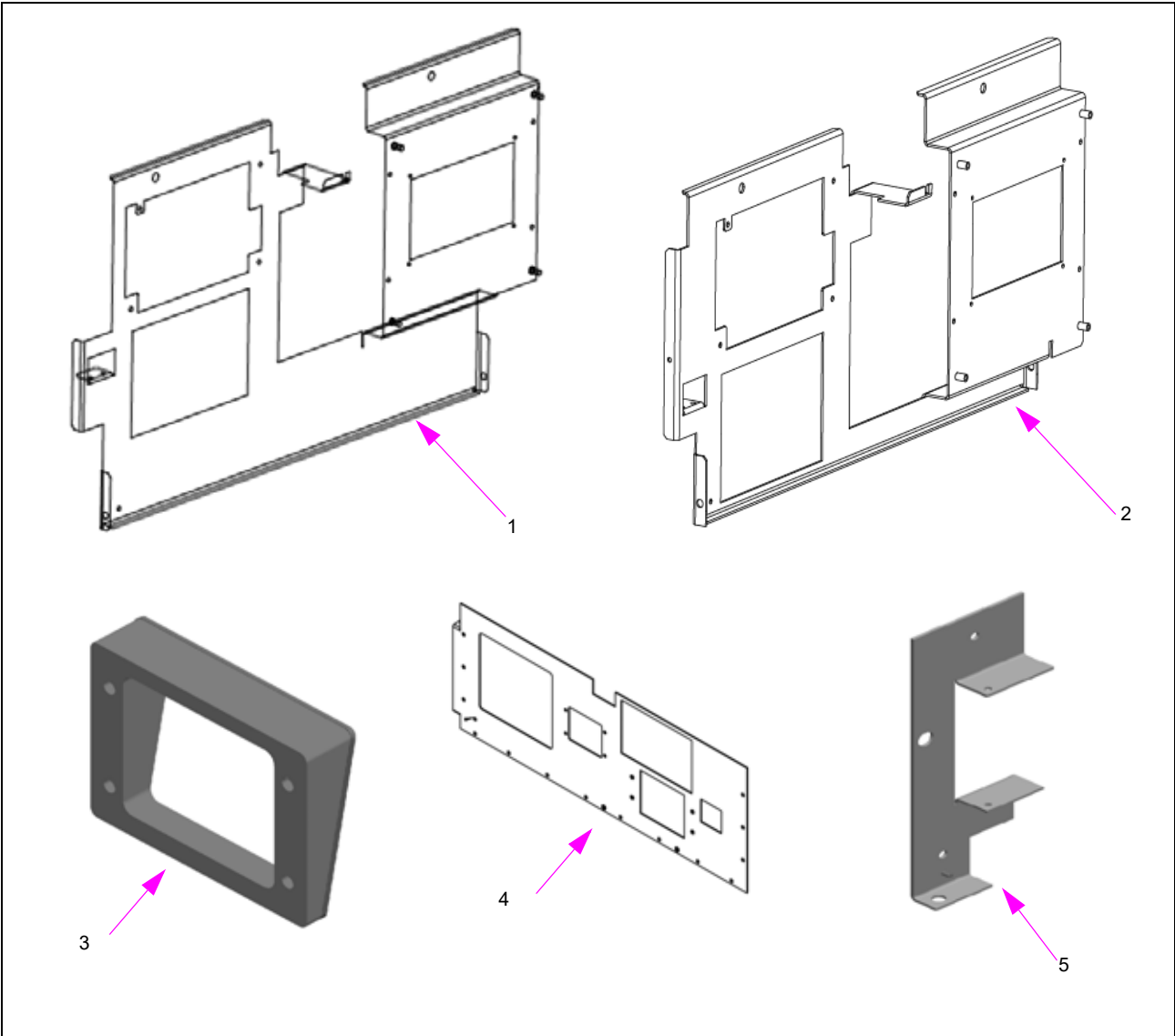
Lower Dispenser Frame (Upper Hydraulic Frame)

Note: Units built after November 12, 2008.

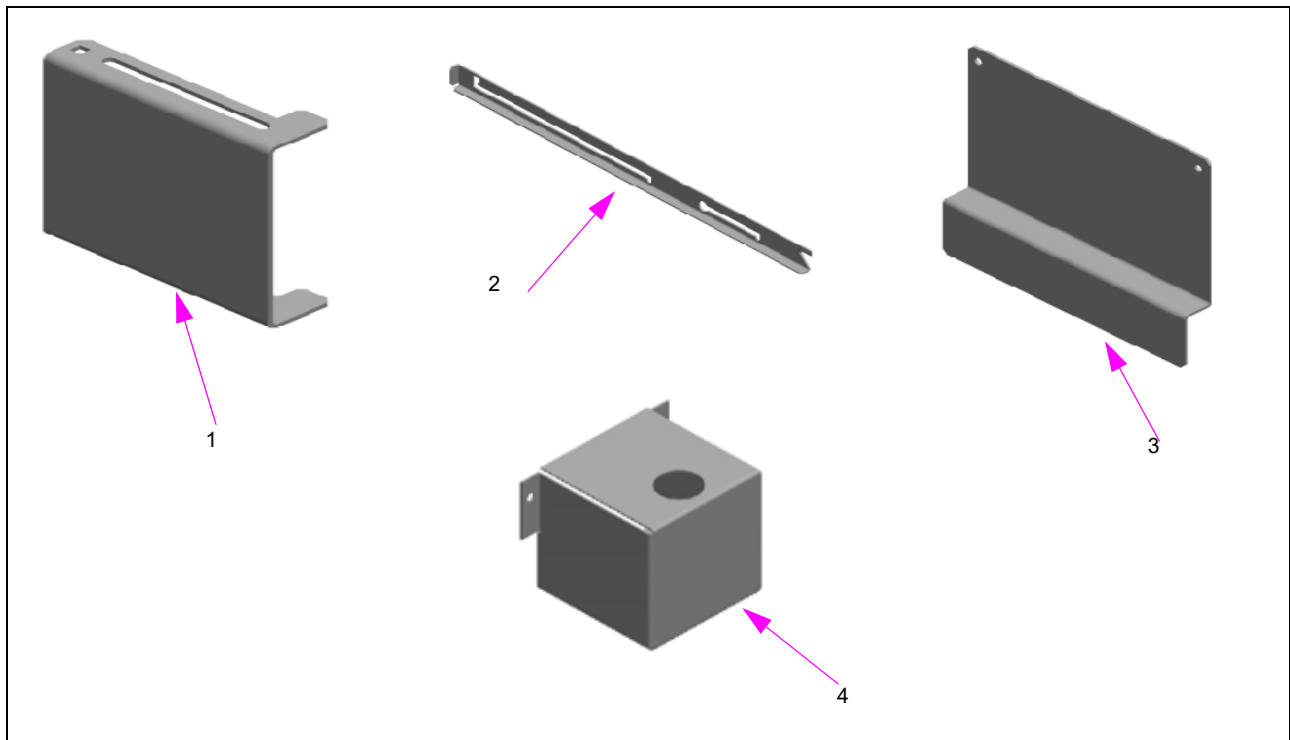


Item #	Part Description	Current Part	Previous Part	Quantity
1	Plate, Dispenser Inlet Support	M05645B001	-	1
2	Screw, Metric M8 X 18	M00417B009	-	4

Atlas PRIME Frame and Mounting Components



Item #	Part Description	Part Number	Quantity per Bezel
1	Prime PC Panel Support Assembly	M05044A002	1
2	Prime PC Panel Assembly	M05045A003	1
3	Card Extrusion_Atlas	M15793B001	1
4	Lexan Support Bracket Assembly	M15794A001	1
5	Frame Hinge Support Bracket	M16491A001	1



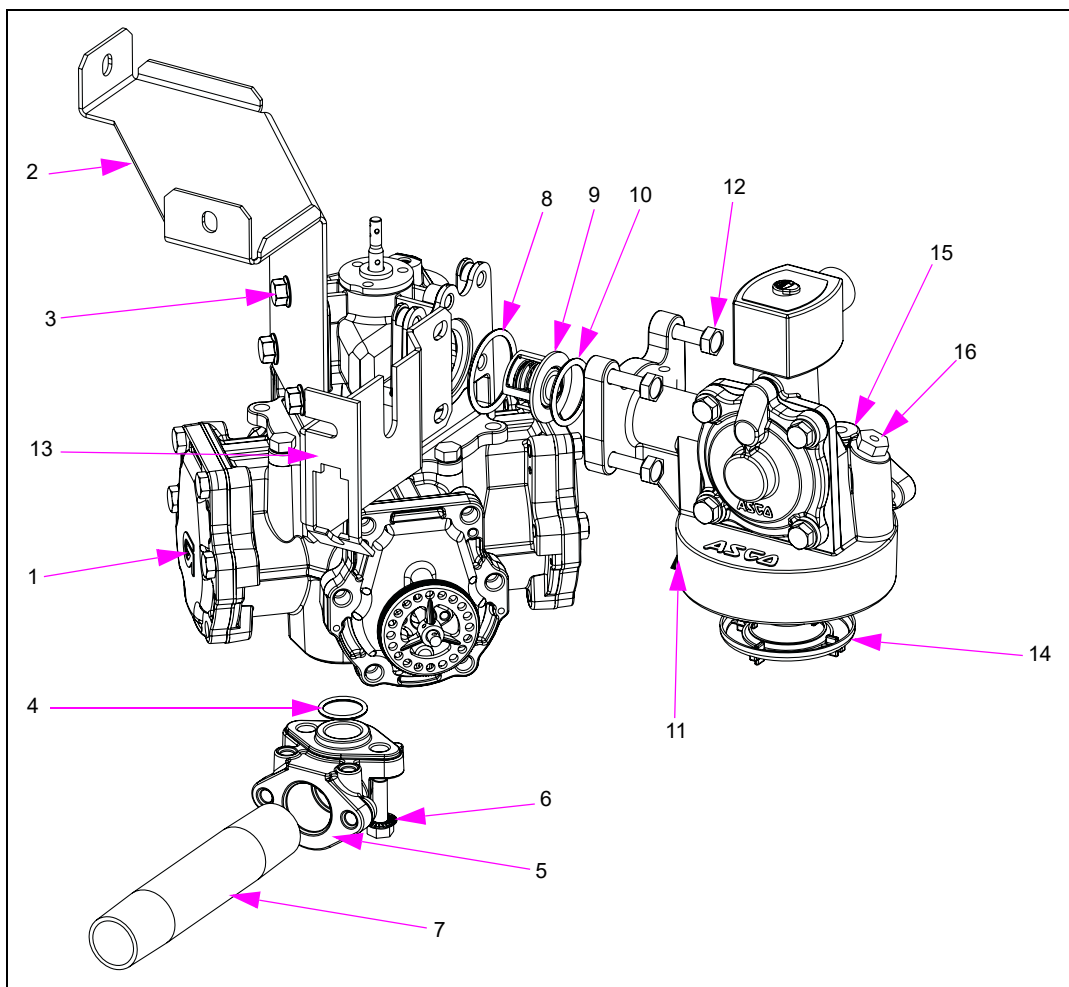
Item #	Part Description	Part Number	Quantity per Bezel
1	Hinge Rail Bracket	M16492B001	1
2	Bezel Hinge Support Bracket	M16580B001	1
3	Orpay Collar Cover	M16720B001	1
4	Card Reader Enclosure Atlas Prime	M16756B001	1

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6 – Hydraulic Area Section

Upper Hydraulics - Meter, Manifold, and Valve

Center Flow Through (CFT) Meter, Manifold, and Valve Assembly



Note: Quantities are in per meter.

Item #	Part Description	Current Part	Previous Part	Quantity
1	CFT Meter Assembly Electronic	T20150-G5	-	1
	CFT Meter Assembly Mechanical Gallons	T20150-G6	-	1
	CFT Meter Assembly Mechanical Liters	T20150-G7	-	1
2	Bracket Meter Manifold Support	M04259B001	-	1
3	Screw, Hexagonal Serrated Flange Head 5/16 - 18 X 0.62	Q10253-02	-	3
4	O-ring, 0.862 X 0.104 X 0.103	N16891-32	-	1

Item #	Part Description	Current Part	Previous Part	Quantity
5	Fitting, Discharge Meter X Hose	M04624B020	M04624B010	1
	Fitting Discharge, Super-Hi	M04624B040	-	1
6	Screw, Metric M8 X 25	M00415B011	-	2
7	1-inch STD Pipe X 6.75	R11495-38	M04681B001*	1
8	O-ring, 1-5/8 X 1-7/8 X 1/8	Q10068-14	-	1
9	Assembly Meter Check Valve	K94254-01	-	1
10	O-ring, 1-1/4 X 1-1/2 X 1/8	Q10068-09	-	1
11	2-stage Solenoid Valve and Filter Manifold	Refer to "Valve and Manifold Options (Item 11)"	-	-
12	Bolt, Hexagonal Head SEMS, 5/16 - 18 X 1" LG	Q10865-36	-	4
13	Bracket Meter Stabilizer and Hose Retriever	M06217B001	-	1
14	Strainer Insert High Capacity	R19457	-	1
15	Resistance Temperature Detectors (RTD) Probe Assembly (Canada Retail Only)	Q13131-01	-	1
16	Thermowell, Meter Cover (Canada Retail Only)	Q13130-01	-	1
Not Shown - For 9140 only				
-	Pipe Plug C-sunk 1/8 (Canada Commercial Only)	K44283	-	2
-	Pipe Plug C-sunk 1/8	K46444	-	2
-	Angle Bracket	M07342B001	-	1
-	Screw, 5/16 X 7/8	Q11889-15	-	5

* - O-ring Q10068-07 & flange M04662B001 were used at both ends of the M04681B001 copper pipe.

Valve and Manifold Options (Item 11)

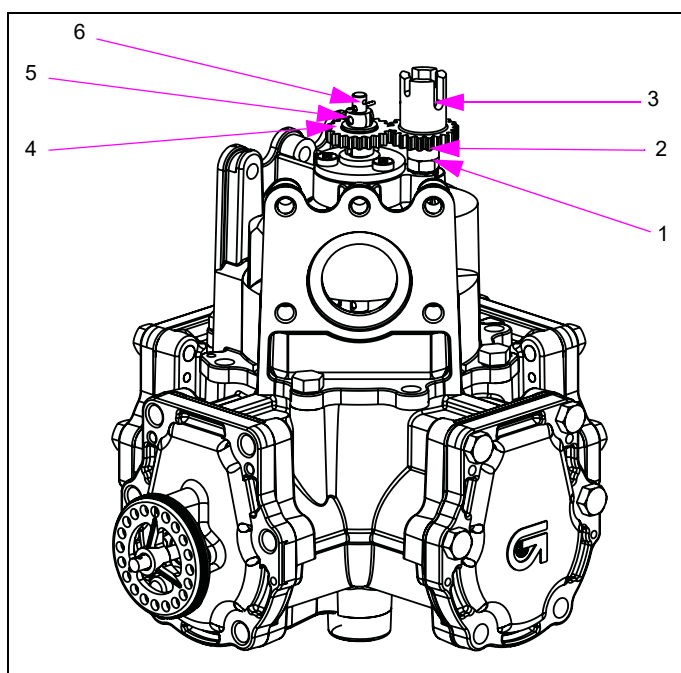
Part Description	Current Part	Previous Part	Quantity
Valve and Manifold 120 V	M04607B001	-	1
Valve and Manifold 220 V	M04607B002	-	1
Valve and Manifold 120 V with Automatic Temperature Compensation (ATC)	M04607B003	-	1
Manifold, no Valve*	M04607B005	-	1
Manifold, no Valve with ATC*	M04607B006	-	1
Diaphragm Kit	M04607K010	-	1
Kit Solenoid Coil 110/120	M04607K012	-	1
Kit Solenoid Coil 220/240	M04607K013	-	1
*Super-Hi and High Flow with Satellite Feed.			

Fuel Filter Options

Fuel filter options quantities are 1 per meter/manifold.

Filter Description	Gasboy Part Number	Cim-Tek® Part Number
400-10 High Flow Particulate - 10 Micron	M08005B010	-
400-30 High Flow Particulate - 30 Micron	M08005B030	-
400HS-10 High Flow Water Alert - 10 Micron (obsolete, see notes 1 and 2)	R20039	70060
400HS-30 High Flow Water Alert - 30 Micron (see note 2)	G026019	70065
400MB-10 High Flow Alcohol Monitor - 10 Micron (see note 3)	R19736-10	70120
Manifold Strainer (see note 4)	R19457	N/A
Filter Cap - No Filter	R18896-G2	R18896-G1
Notes: 1. R20039 is replaced by M08007B010. 2. Water alert filters are for use with gasoline, ether blended fuels and diesel fuel. Not for use with alcohol blended fuels. 3. Alcohol monitor filter are for use with ethanol blended fuels containing up to 20% ethanol. not for use with any other fuels. 4. Manifold strainer use is highly recommended with use of filter cap. 5. Fuel filter option listed here are for protection of dispenser components. Fuel filter options listed here are not sufficient for filtering aviation fuel.		

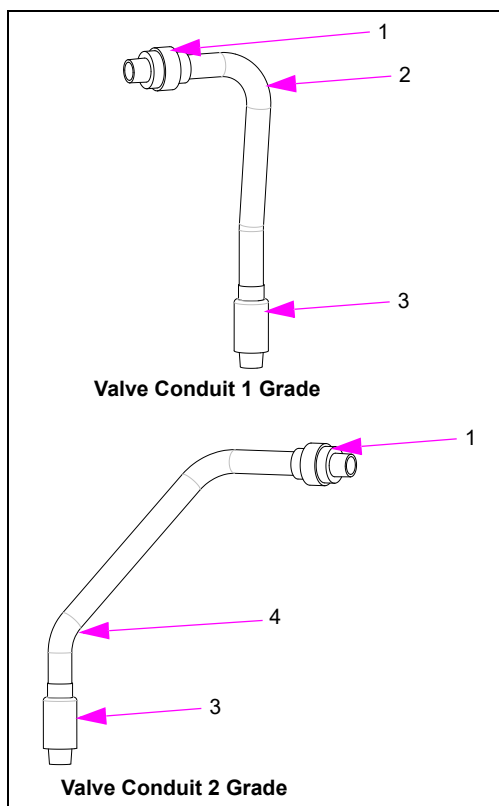
Meter Gears - Mechanical Models



Item #	Part Description	Current Part	Previous Part	Quantity
1	Lockwasher External Thread 1/4 X 0.025	K50411-31	-	1
2	Stud, Drive Gear	N23567	-	1
3	Assembly Driven Gear - US Gallons	M07296A001	-	1
	Assembly Driven Gear - IMP Gallons	M07340A001	-	1
	Assembly Driven Gear - Liters	K55152	-	1
4	Drive Pinon - US Gallons	M07298B003	-	1
	Drive Pinon - IMP Gallons	M07341B003	-	1
	Drive Pinon - Liters	K55151-21	-	1
5	Swivel Ball	K93546-01	-	1
6	Pin Cotter 1/16 X 1/2 Stl	K02124	-	1

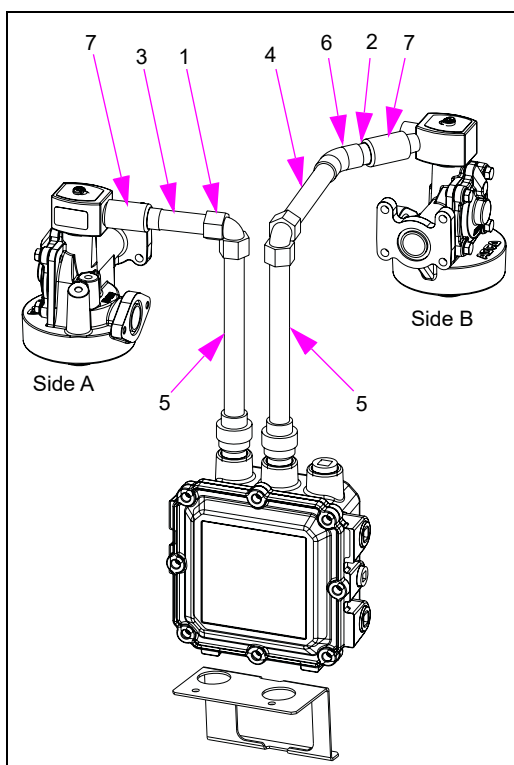
Solenoid Valve Conduit

Note: Units built after February 21, 2012.



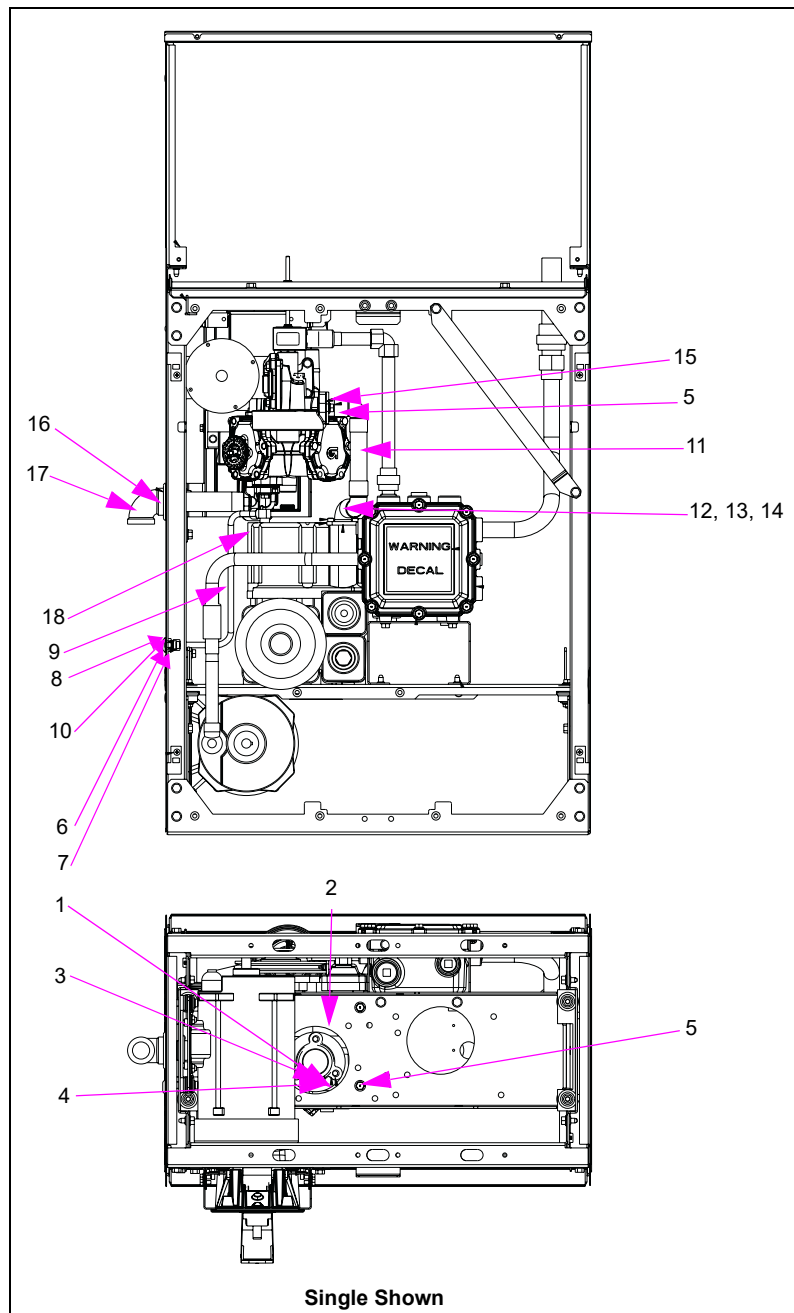
Item #	Part Description	Current Part	Previous Part	Quantity
1	Union, Conduit M X F	Q10016-04	-	2
2	Valve Conduit	M12315B001	-	1
3	Expansion Union (Conduit)	N16289-20	-	2
4	Valve Conduit	M12315B003	-	1

Note: Units built before February 21, 2012.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Conduit Elbow 1/2" National Pipe Thread (NPT) 90°	K42428	-	2
2	Conduit 1/2" X 1-1/8	R11976-39	-	1
3	Conduit 1/2" X 3-1/4	R11976-52	-	1
4	Conduit 1/2" X 6-3/8	R11976-67	-	1
5	Conduit 1/2" X 9-1/8	R11976-76	-	2
6	Conduit Elbow 1/2" X 45	K49306	-	1
7	Expansion Union (Conduit)	N16289-20	-	2

Lower Hydraulics - Self-contained

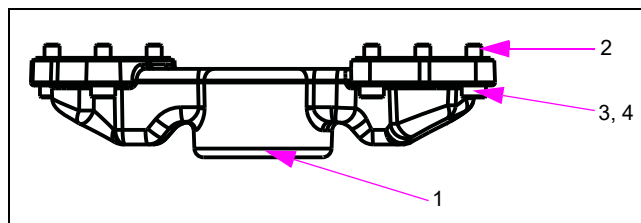


Note: Quantities are in per grade.

Item #	Part Description	Current Part	Previous Part	Quantity
1	O-ring, 2.37 X 0.103	Q10067-31	-	1
2	Adaptor - EP2 Inlet	M04920K119	G023146	1
3	Lockwasher Metric M10 Zinc Plate	M01071B001	-	3
4	Socket Head Cap Screw, M10 X 25	M04973B005	-	3
5	Screw, Metric M8 X 16	M00415B009	-	8
6	Ferule Compression	K43260	-	2
7	Nut, Compression Fitting	Q12505-01	-	2
8	Finished Hexagonal Check Nuts	Q10985-02	-	1
9	Tube, Sump Vent	M07391B001	M04754B001	1
10	Fitting, Sump Vent	N21861-02	-	1
11	Feedline Assembly Single 1 Grade	M15411A001	M04830A001	1
	Feedline Assembly Dual 1 Grade	M15085A001	M04831A001	1 per Unit
12	O-ring, 1-1/8 X 1-3/8 X 1/8	Q10068-07	-	1
13	Pump Discharge Flange	M04686B001	-	1
14	Socket Head Cap Screw, M6 X 26	M04973B001	-	2
15	O-ring 1-1/4 X 1-1/2 X 1/8	Q10068-09	-	1
16	Grommet, Discharge 1-inch, Pipe	G028960	-	1
17	Elbow 1-inch, X 50°, Painted	G024895	-	1
18	Gilbarco Global Pumping Unit (GPU)	M04920B003	M04920B001	1
Not Shown				
-	V-belt 4L290	R06711-52	-	1

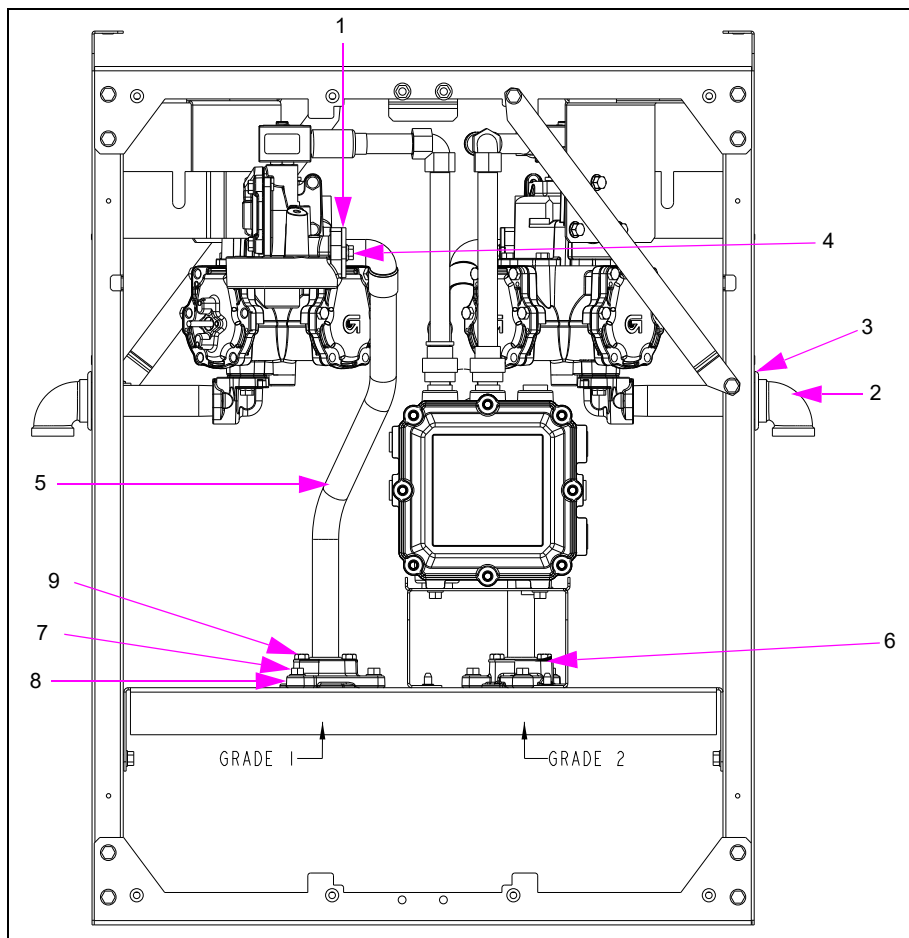
Note: For details on motor and conduit, refer to
["Self-contained Motors - 8700, 8800, 9100, 9840, 9852/53" on page 8-3.](#)

Inlet Manifold - TW1-M and Super-Hi Models



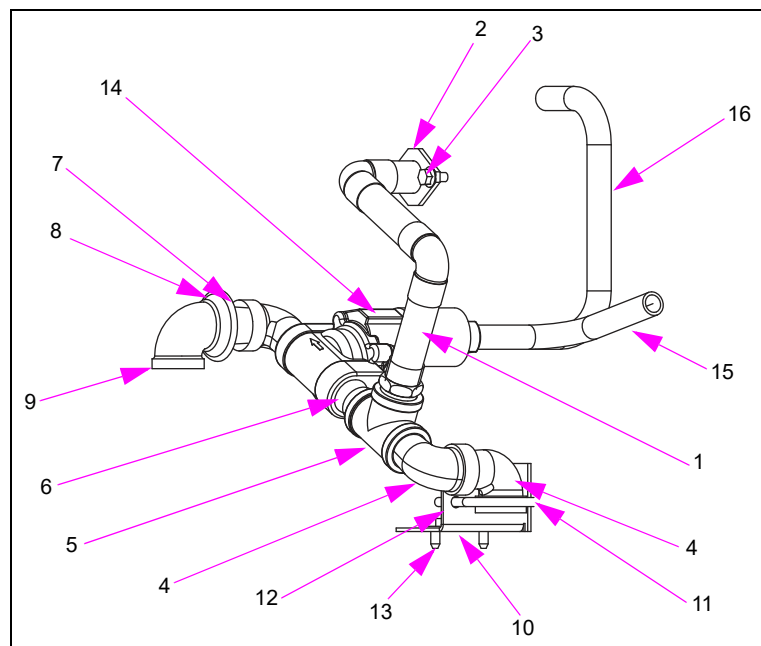
Item #	Part Description	Current Part	Previous Part	Quantity
1	Inlet Manifold, Twin Pump	M05347B010	-	1
2	Gasket, Twin Manifold	M06101B001	-	2
3	Lockwasher Metric M10 Zinc Plate	M01071B001	-	6
4	Socket Head Cap Screw, M10 X 25	M04973B005	-	6

Lower Hydraulics - Dispenser



Item #	Part Description	Current Part	Previous Part	Quantity
1	O-ring, 1-1/4 X 1-1/2 X 1/8	Q10068-09	-	1 per Hose
2	Elbow 1-inch X 90° Painted	G024895	-	1 per Hose
3	Grommet, Discharge 1-inch Pipe	G028960	-	1 per Hose
4	Screw, Metric M8 X 16, Serrated Flange Head	M00415B009	-	2 per Hose
5	Feedline Assembly Dispenser 1GR 1HS	M13978A001	M05646A001	1 per Grade
6	O-ring, 1-1/8 X 1-3/8 X 1/8	Q10068-07	-	1 per Grade
7	Flange, Feedline, Compression	M04662B001	-	1 per Grade
8	Inlet Adapter Dispenser	M05582B010	-	1 per Grade
9	Screw, Metric M8 X 16, Hexagonal Head with Extension Tooth Lockwasher (SEMS)	M05230B009	-	2 per Grade
Not Shown				
-	Feedline Assembly Dispenser 1GR 2HS	M15093A001	M05647A001	1 per Unit

9153 and 9853 Satellite Discharge Piping - Dispenser Only

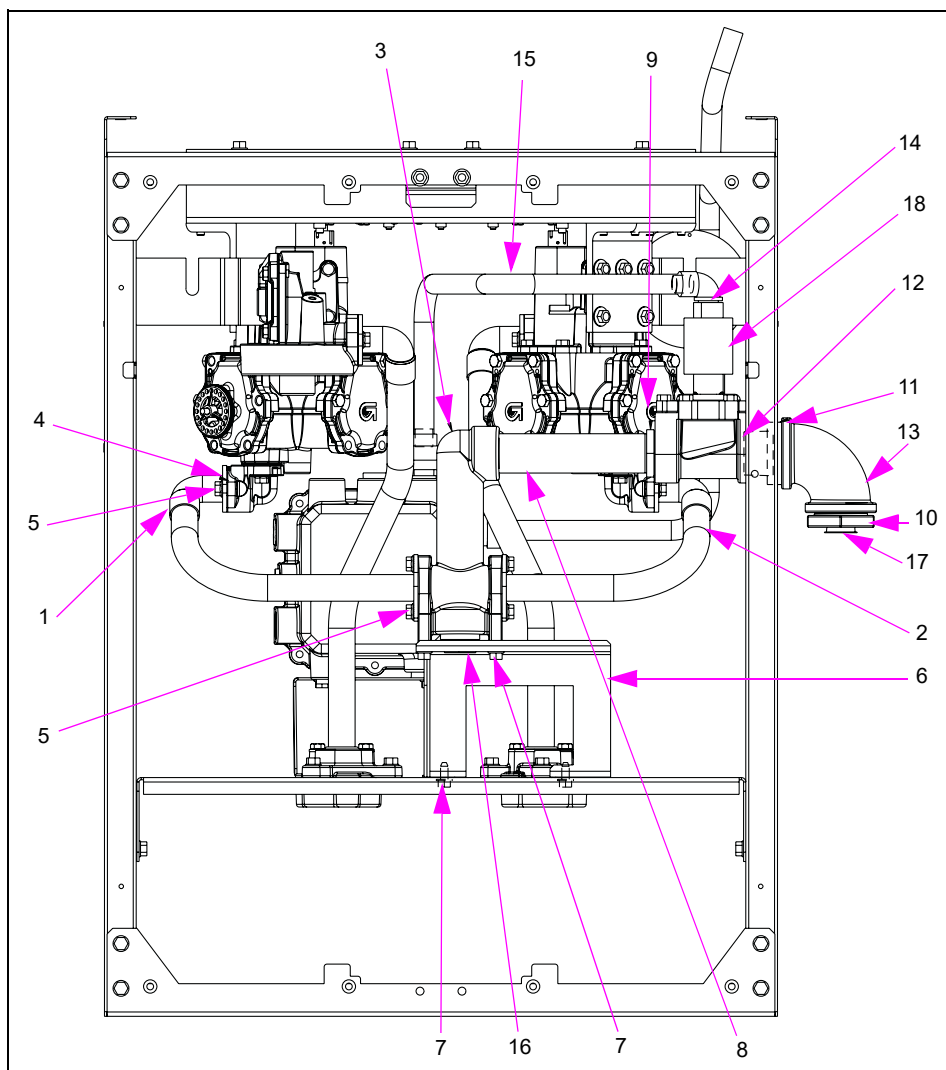


Following parts are only used on units with satellite outlet:

Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line Assembly	M05677A001	-	1
2	O-ring, 1-1/4 X 1-1/2 X 1/8	Q10068-09	-	1
3	Screw, Metric Serrated Flange Hexagonal Head	M00415B009	-	2
4	Elbow Street, 90°	K02321-20	-	3
5	Tee Pipe 1 X 1 X 1	K12630	-	1
6	1-inch Standard Pipe and Nipple 1 X 2	R11495-51	-	1
7	1-inch Standard Pipe and Nipple 1 X 1 1/2	R11495-20	-	1
8	Grommet, Discharge 1-inch Pipe	G028960	-	1
9	Painted Elbow, 1-inch X 90°	G024895	-	1
10	Bracket Piping Support, SAT OUT	M05690B001	-	1
11	U-bolt, Metric M8	M00703B002	-	1
12	Nut, Metric M8 Serrated Flange	M00414B003	-	2
13	Screw, Metric Thread Forming, Hexagonal Washer Head and Pozidrive Pan-head M8 X 18	M00417B009	-	2
14	Solenoid Valve, 1-inch 2 Stage	-	-	-
	• 115 V Solenoid Valve	G067034	-	1
	• 230 V Solenoid Valve	G067036	-	1
15	Formed Conduit Valve 1 Grade	M05681B001	-	1
16	Formed Conduit Valve 2 Grade	M05680B001	-	1

Note: Figure and table show the parts for 1 grade. For 2 grade, quantity will be double.

9140K, 9840K Super-Hi Discharge Piping



Item #	Part Description	Current Part	Previous Part	Quantity
1	Discharge Line Assembly Super-Hi 1 Grade	M05560A001	-	1
2	Discharge Line Assembly Super-Hi 2 Grade	M05561A001	-	1
3	Hydraulic Manifold	M05552B010	-	1
4	O-ring, 1-1/4 X 1-1/2 X 1/8	Q10068-09	-	4
5	Screw, Metric M8 X 16	M00415B009	-	8
6	Bracket Manifold Support	M06244B001	-	1
7	Screw, Thread Forming, Hexagonal Washer Head M8 X 16	M00417B009	-	4
8	Nipple Std Pipe 1-1/4 X 7-9/16 inch NPT	R11494-68	-	1
9	Bushing, Hexagonal Reducer	K57268	-	1
10	Reducing Bushing Hexagonal 1-1/4 X 1	K02309-22	-	1
11	Discharge Grommet	G028975	-	1
12	Nipple FE Pipe 1-1/2 X 2.50 EH	R11493-52	-	1
13	Elbow, 1-1/2 X 1-1/4 X 90° Painted Red	Z07941	-	1
14	Elbow, 1/2 X 90M X F	K42448	-	1
15	Conduit, Valve	M07354B001	-	1
16	Pipe Plug Sq. Head 1-1/4	K02284	-	1
17	1-inch NPT Plug	K78953-27	-	1
18	Solenoid Valve 115 V	G067028	-	1
	Solenoid Valve 230 V	G067062	-	1

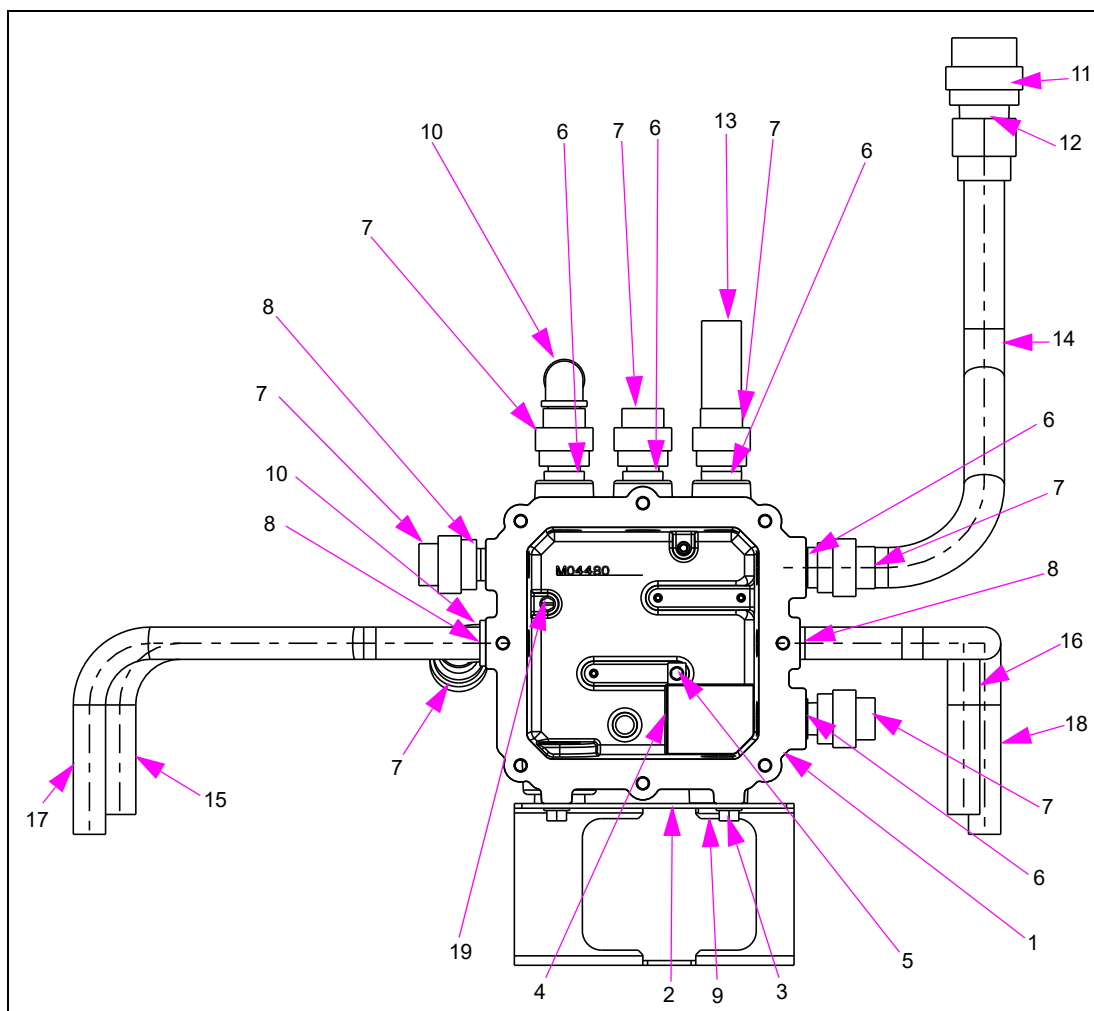
Note: The GPU inlet check valve is not included with the Bennet Pumping Unit GPU 90 (M04920B003) assembly for the Gasboy Atlas KTWIM twin hose, single product series units. You must order GPU Inlet Check Valve (M04920K109) if the existing check valve is defective.

WARNING

Atlas Model TW1M is equipped with check valves in the pump block. Any replacement pump block must have M04920K109 Check Valve installed by the service technician for proper operation.

Junction Box (J-box) - Parts, Unit Descriptions, and Options

J-box Parts



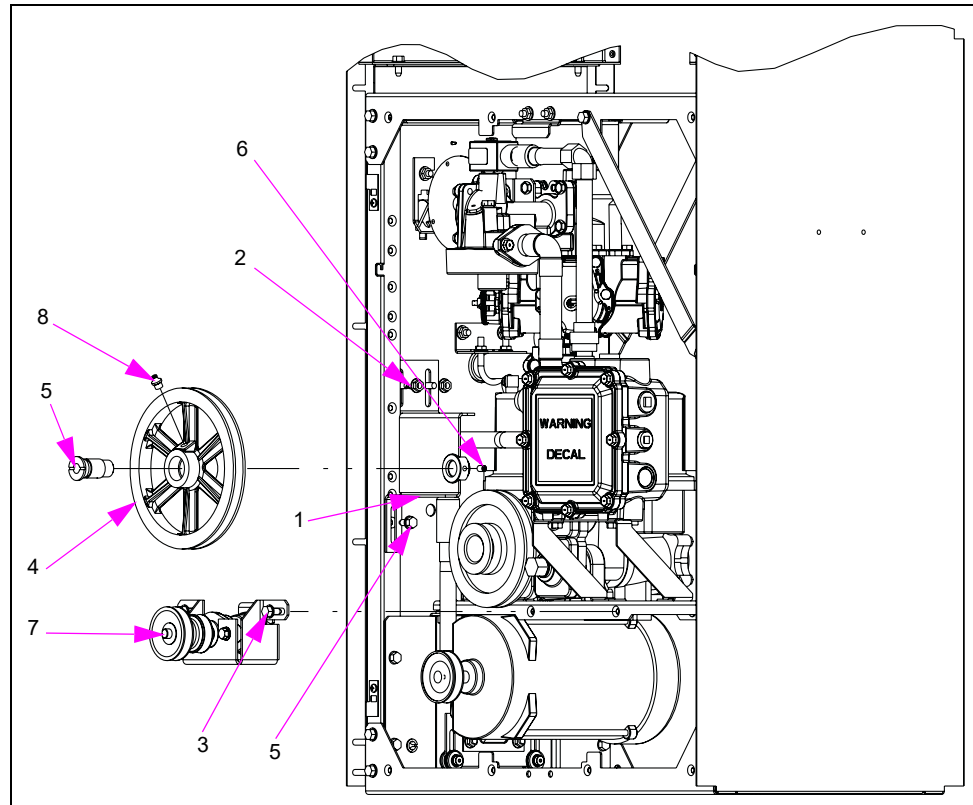
Item #	Part Description	Current Part	Previous Part
1	J-box	M04480B010	-
2	Bracket, J-box Mounting	M05776B001	-
3	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-
4	Bracket, J-box DC Shield	M05235B001	-
5	Screw, Thread Forming, Hexagonal Washer Head M4 X 8	M00417B113	-
6	Bushing, Reducing 3/4 - 1/2	K49827	-
7	Union, Conduit 1/2 inch	Q10016-04	-
8	Pipe Plug C-sunk 1/2	K43850	-
9	Pipe Plug C-sunk 3/4	K57624	-
10	Elbow, 1/2 X 90 M X F	K42448	-
11	Union, Conduit 1-inch	Q10016-03	-
12	Conduit Red Coup 1 X 3/4" NPT	M05084B001	-
13	Intrinsic Safety (I.S.) Barrier Assembly (115)	T19428-G1	-
14	Formed Conduit	M05338B001	-
15	Conduit, Motor 1 1 PH	M05038B001	-
16	Conduit, Motor 2 1 PH	M05039B001	-
17	Conduit, Motor 1 3 PH	M05048B001	-
18	Conduit, Motor 2 3 PH	M05049B001	-
19	Screw, Hexagonal, Thread Forming, Washer Head (10-32 X 1/2)	K85736-05	-
Not Shown			
-	Cover, J-box	M04536B010	-
-	Decal Warning	M05098B001	-
-	Screw, Metric M8	M00415B010	-

J-box - Unit Descriptions

Following table lists unit descriptions for J-boxes. The item numbers correspond to the where used information for parts listed in the parts table in “J-box Parts” on page 6-12.

		QUANTITY																														
ITEM	PART NO.	Mech Pump, 1G1H 1P	Mech Pump, 1G2H 1P	Mech Pump, 2G2H 1P	Mech Pump, 1G1H 3P	Mech Pump, 1G2H 3P	Mech Pump, 2G2H 3P	Mech Pump, Super-Hi 1P	Mech Pump, Super-Hi 3P	Mech Disp, 1H	Mech Disp, 2H	Mech Disp, Super-Hi	Mech Disp, HF 1H with Sat-out	Mech Disp, HF 2H with Sat-out	Elec Pump, 1G1H 1P	Elec Pump, 1G2H 1P	Elec Pump, 2G2H 1P	Elec Pump, 1G1H 3P	Elec Pump, 1G2H 3P	Elec Pump, 2G2H 3P	Elec Pump, Super-Hi 1P	Elec Pump, Super-Hi 3P	Elec Disp, 1H	Elec Disp, 2H	Elec Disp, HF 1H with Sat-out	Elec Disp, HF 2H with Sat-out	Elec Disp, Super-Hi	ATC Option	Mech Pulsar Option	DC Connection Option	Elec Disp, E85	
1	M04480B010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
2	M05776B001	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
3	M00417B009	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	-
4	M05235B001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
5	M00417B113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
6	K49827	1	3	3	1	3	3	1	1	1	3	1	-	2	1	2	2	-	2	-	1	1	1	1	2	-	1	1	-	1	1	-
7	Q10016-04	2	4	4	2	4	4	2	2	2	4	2	2	4	1	2	3	-	2	1	2	2	1	2	1	2	1	2	1	1	1	-
8	K43850	1	1	-	1	1	-	-	-	2	2	2	1	1	2	2	1	2	2	1	1	1	3	3	2	2	3	-	-	-	-	3
9	K57624	2	1	1	2	1	1	3	3	2	1	2	4	2	2	1	1	3	1	3	2	2	2	2	1	3	2	2	-	-	-	3
10	K42448	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
11	Q10016-03	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
12	M05084B001	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
13	T19428-G1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
14	M05338B001	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
15	M05038B001	1	1	1	-	-	-	1	-	-	-	-	-	-	1	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
16	M05039B001	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
17	M05048B001	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-
18	M05049B001	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
19	K85736-05	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
Not Shown																																
-	M04536B010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
-	M05098B001	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
-	M00415B010	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	-	-	-	-
-	K51440	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1
Abbreviations:																																
1G1H		1 Grade 1 Hose																														
1G2H		1 Grade 2 Hose																														
2G2H		2 Grade 2 hose																														
1P		Single Hose																														
3P		3 Phase																														
with Sat-out with discharge piping for connection to satellite																																

Hand Drive Option - Mechanical Self-contained Pump Models Only



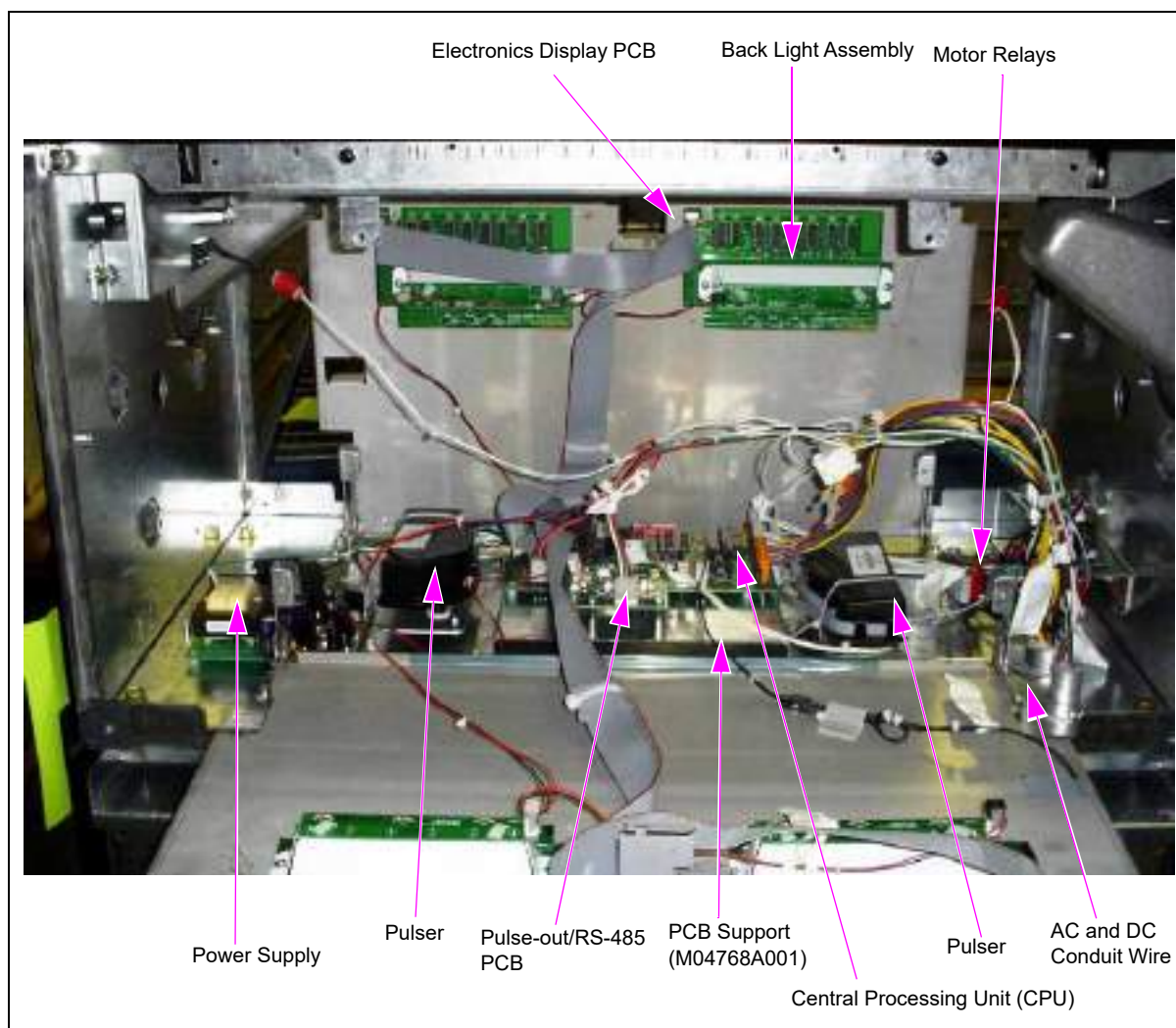
Note: Quantities are in per grade.

Item #	Part Description	Current Part	Previous Part	Quantity
1	Bracket, Hand Drive Pulley	M05567A001	-	1
2	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	2
3	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	3
4	Pulley, Hand Drive	R13824-02	-	1
5	Stud, Pulley	K85561	-	1
6	Set Screw, 5/16-18 X 1/2 Hexagonal Set Head Cup Pkt	K18719	-	1
7	Assembly, Shaft and Hub Hand Drive	M05767A001	-	1
8	Hydraulic Fitting	K76145-21	-	1
Not Shown				
-	Belt V 4L 400	R06711-61	-	1
-	Belt V 4L 200	R06711-75	-	1
-	Hand Crank	N18539	-	1

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7 – Commercial Electronics Section

Commercial Front (Dual Depicted)



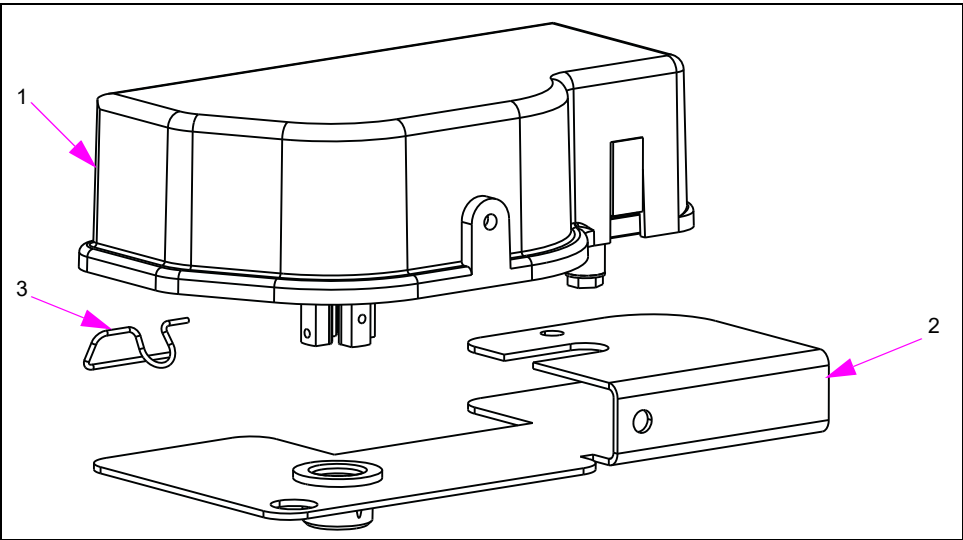
Base Electronics

Refer to “Commercial PCBs (Non-Ultra-Hi)” on page 11-1.

Power Supply

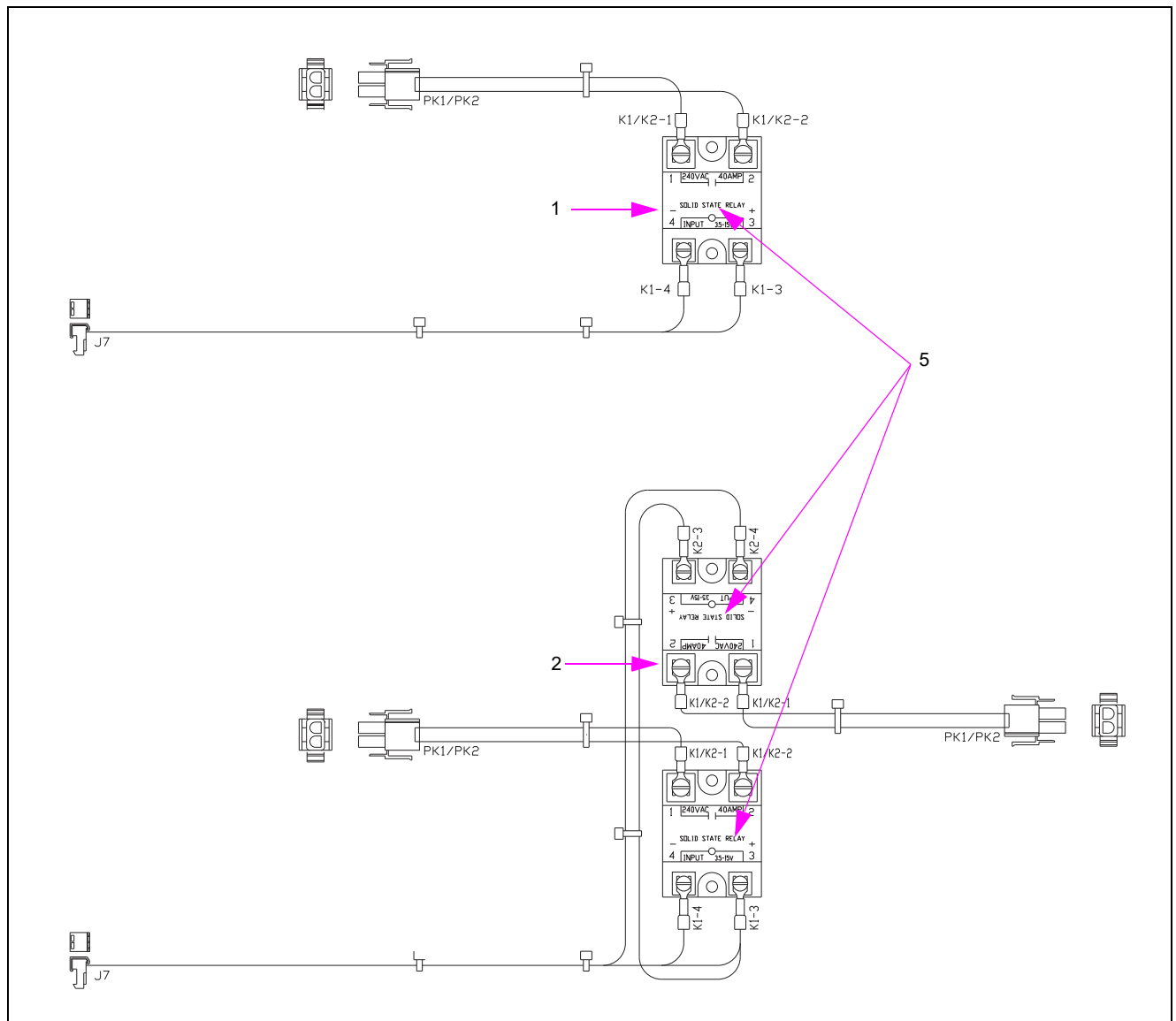
Refer to “Commercial PCBs (Non-Ultra-Hi)” on page 11-1.

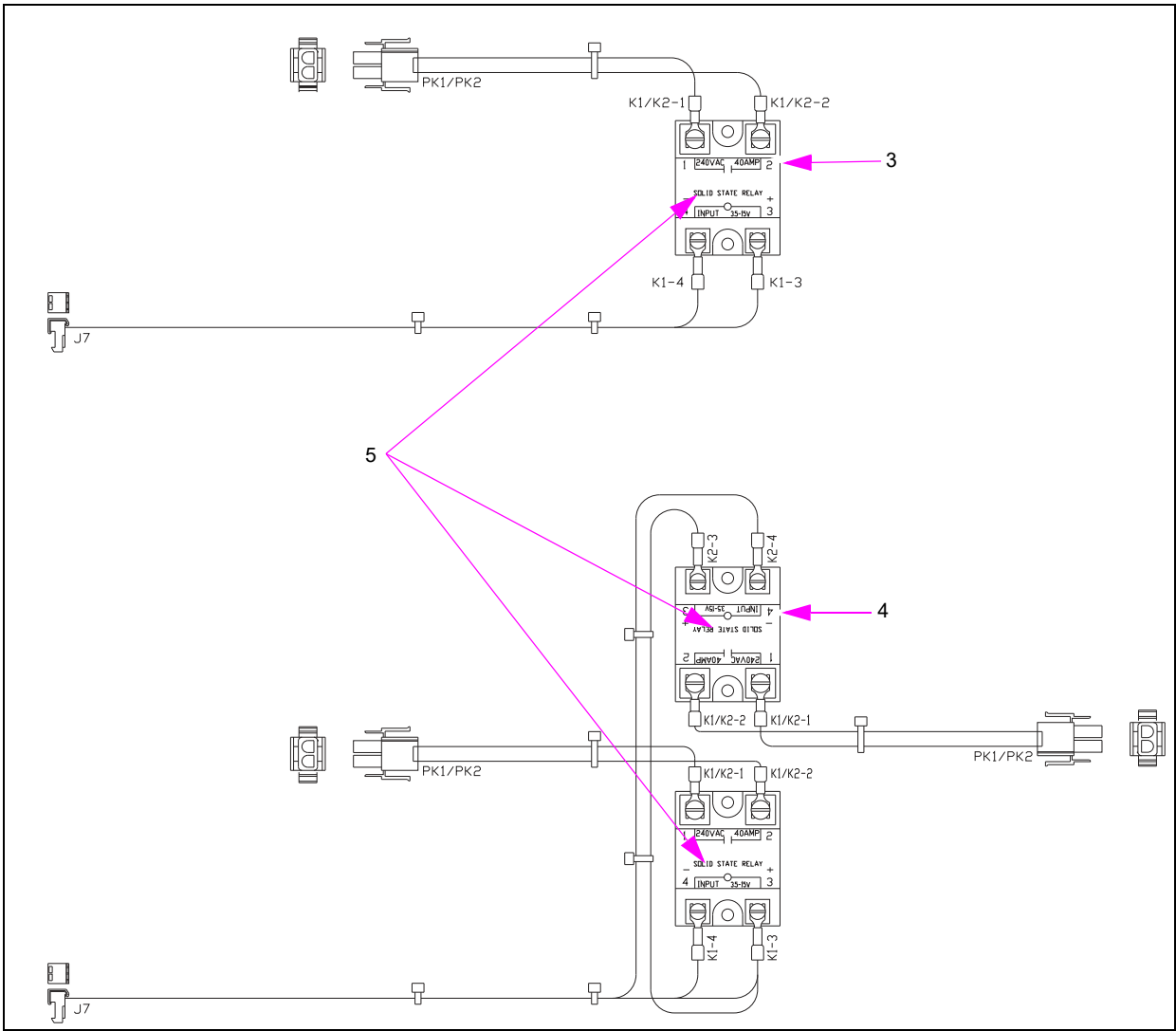
Pulser Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Assembly, Pulser	M04011B001	T18350-G3	1
2	Assembly, Pulser Supt Bracket	M04485A001	-	1
3	Spring Retainer Pulser Shaft	M01207B001	-	1

Motor Relays





Item #	Description	Current Part	Previous Part	Quantity
1	Motor Relay, Comm Single	M04956A008	M04956A004	1
2	Motor Relay, Comm Dual	M04956A009	M04956A005	1
3	Motor Relay, E85 Single	M04956A010	-	1
4	Motor Relay, E85 Dual	M04956A011	-	1
5	Relay 24-280 VAC, 40A Solid State	Q11008-01	-	1

Main AC Conduit and Wire Assembly

Refer to “Commercial Cables” on [page 12-1](#).

DC Conduit and Wire Assembly

Refer to “Commercial Cables” on [page 12-1](#).

Electro-mechanical Totalizers

Refer to “Commercial Cables” on [page 12-1](#).

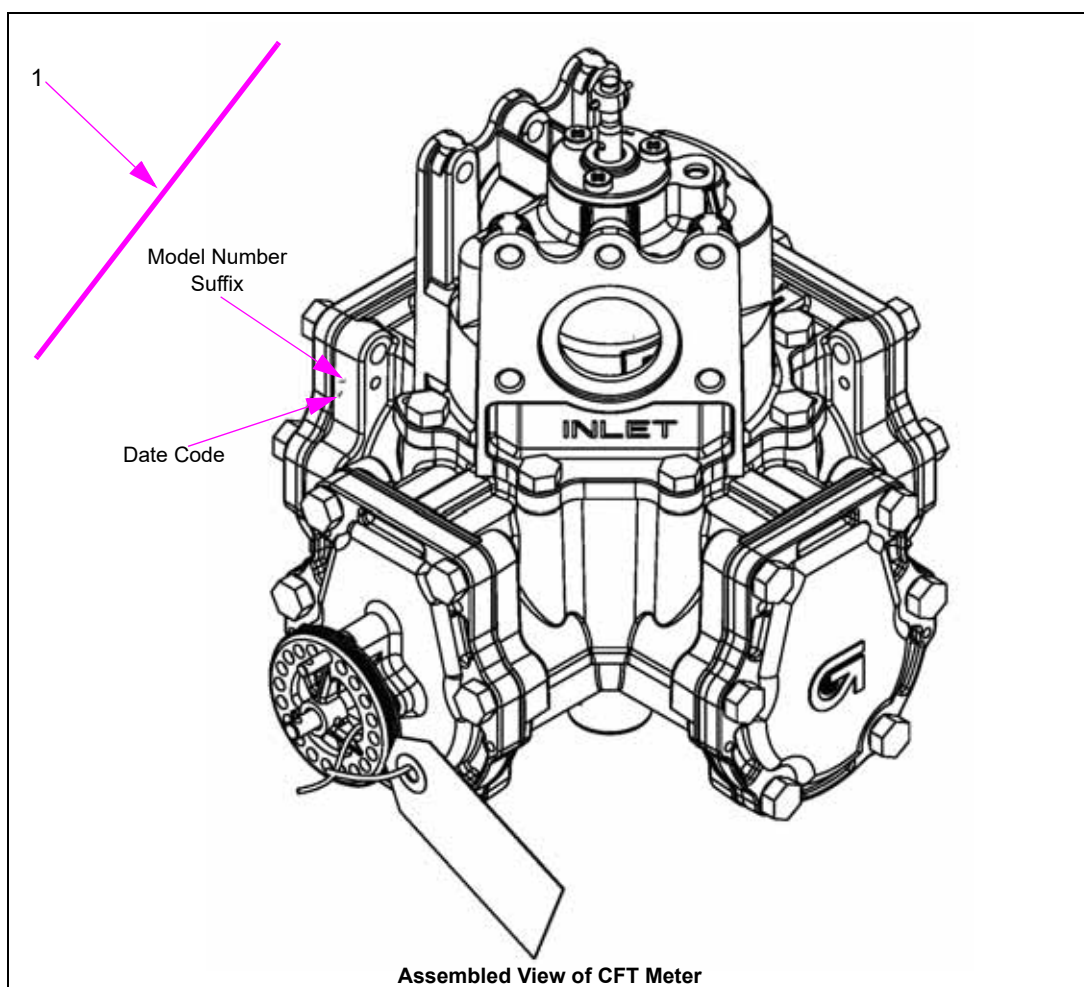
Atlas PRIME Electronic Components

For Atlas PRIME electronic components, refer to *PT-1963 Gasboy PLUS and PRIME Illustrated Spare Parts Manual*.

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8 – Meter, Pump, and Motor Section

CFT Meter Assembly

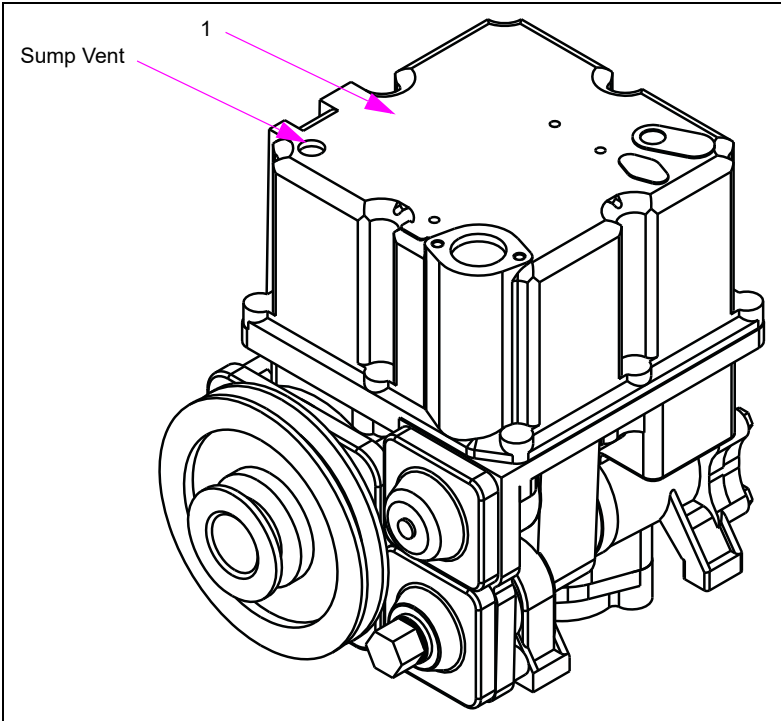


Item #	Description	Current Part	Previous Part	Quantity
1	CFT Meter Assembly - Electronic Models (<i>Spare Parts item</i>)	T20150-G5	-	(see note 1)
	CFT Meter Assembly - Mechanical Computer Models, Gallons (<i>Spare Parts item</i>)	T20150-G6	-	(see note 1)
	CFT Meter Assembly - Mechanical Computer Models, Liters (<i>Spare Parts item</i>)	T20150-G7	-	(see note 1)
	• Meter Master Seal Service Kit Installation (<i>Reference Only</i>)	K96618	-	(see note 2)
	• Meter Quad Ring Top Seal Replacement Kit (<i>Reference Only</i>)	K35222	-	(see note 3)

Notes:

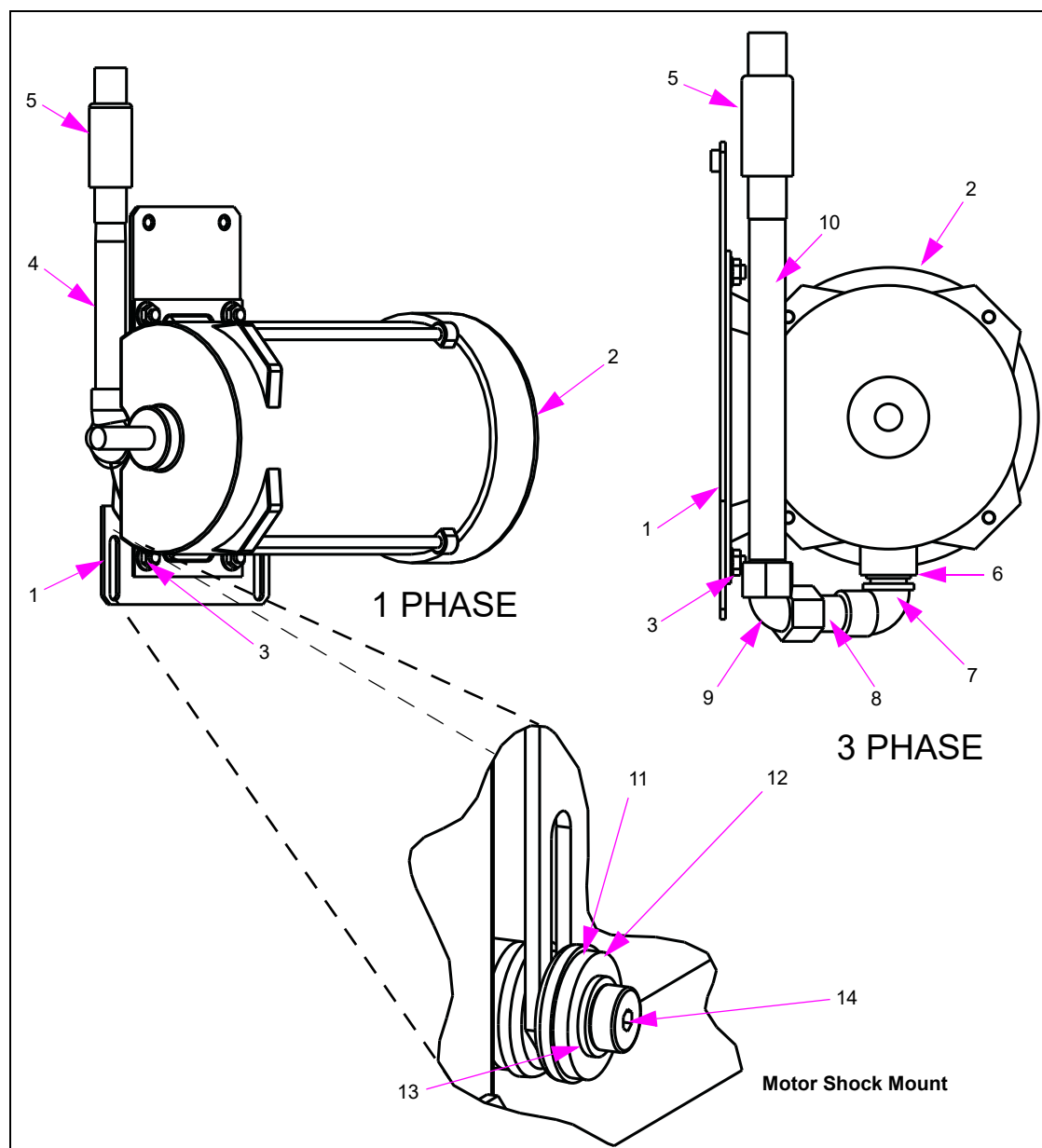
1. CFT meter is ordered as an assembly only.
2. MDE-3892 Meter Master Seal Service Kits (K96618 and M08182K001) Installation Instructions provides information on how to install Meter Master Seal Service Kit (K96618). Kit provides materials and instructions for complete changeout of all seals as a major rebuild.
3. MDE-2188 C, C+, and HD Meter Quad Ring Top Seal Replacement Kits (K35222 and K35222-01) provides information on how to install K35222 Kit. Kit contains enough top seals to service 10 meters.

GPU Self-contained Pumping Unit



Item #	Description	Current Part	Previous Part	Quantity
1	Gilbarco GPU	M04920B003	M04920B001	1 per Grade
Note: MDE-4447 Gilbarco Global Pumping Unit Operation and Service Manual provides service and kit information.				

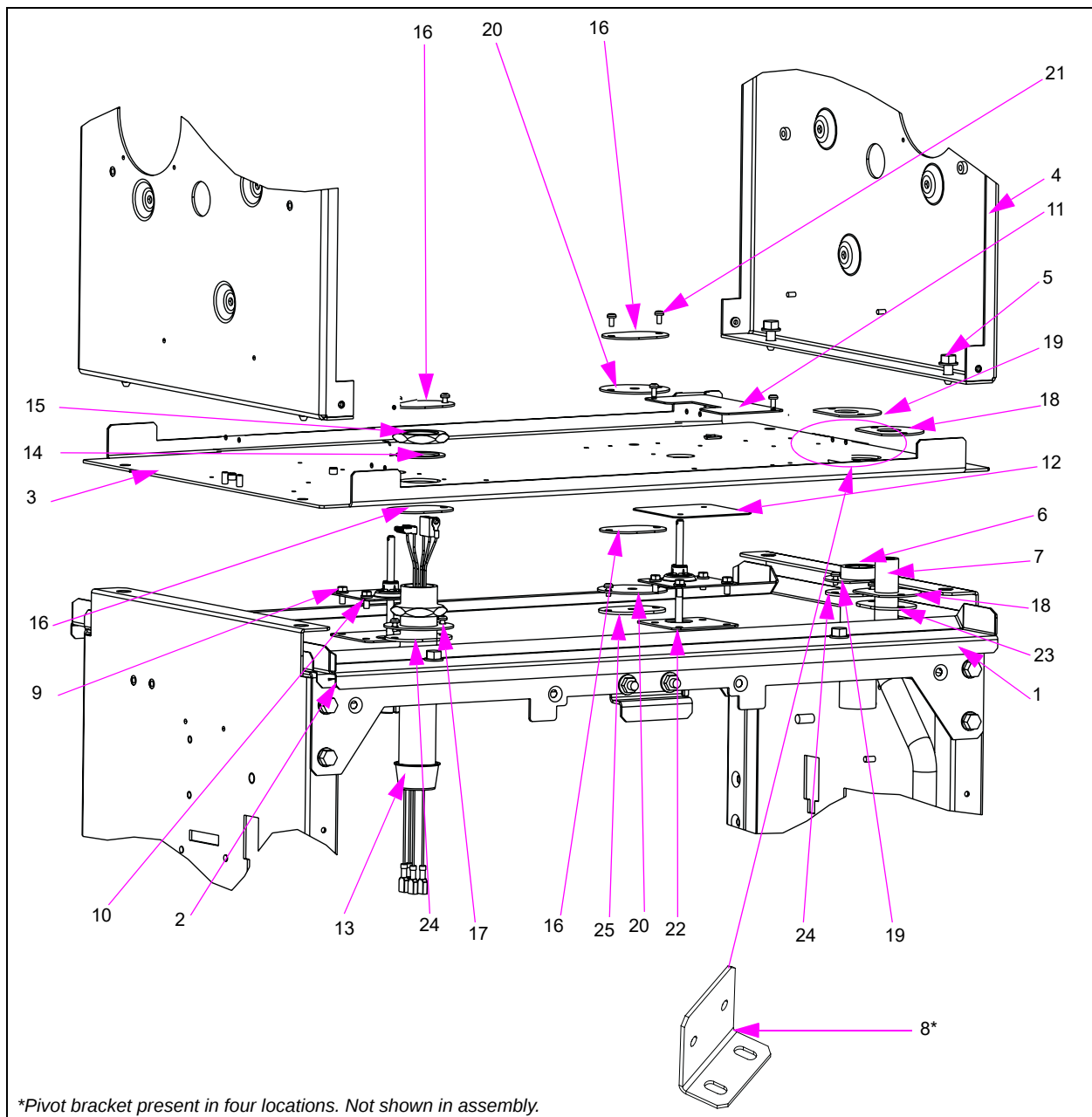
Self-contained Motors - 8700, 8800, 9100, 9840, 9852/53



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Motor Plate	M04867A001	-	1
2	Motor 1 HP 115/230 V 1 PH 60 Hz	M13377B102	R14213-32	1
	Motor 1 HP 110/230 V 1 PH 50 Hz	R14213-33	-	1
	Motor 3/4 HP 220/380 V 3 PH 50/60 Hz	M01068B303	-	1
3	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	4
4	Conduit Nipple 1/2 X 5-1/4	R11976-62	-	1
5	Expansion Union (Conduit)	N16289-22	-	1
6	Bushing 3/4 X 1/2	K49827	-	1
7	Elbow, St 1/2 X 90	K42448	-	1
8	Nipple, 1/2 X 1-3/4	R11976-44	-	1
9	Elbow, 1/2 X 90	K42428	-	1
10	Nipple, 1/2 X 9	R11976-72	-	1
Motor Shock Mounts				
11	Cup Washer	G067735	-	4
12	Rubber Mount	G037885	-	4
13	Flat Washer, M8	M00959B016	-	2
14	Metric Socket Head Shoulder Bolt	M04869B001	-	2

9 – Air Gap - 8800, 9100, 9840, 9852/53

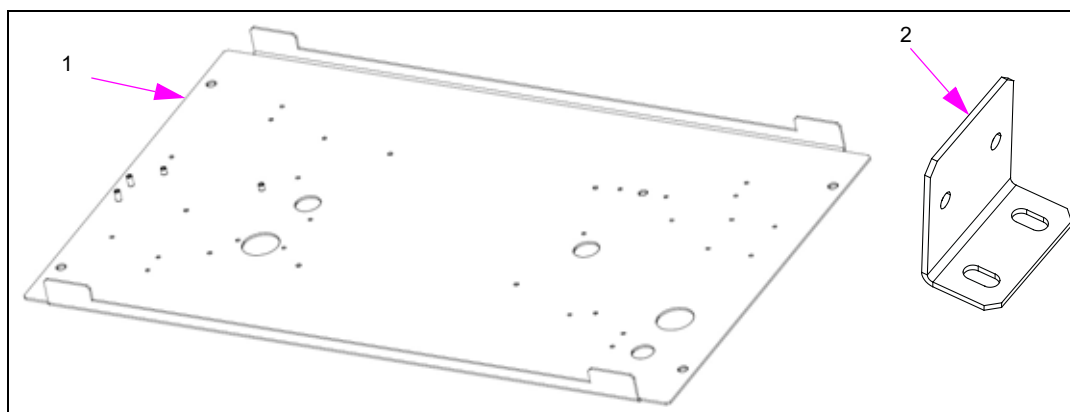
Air Gap Hardware and Computer Display (CD) Module Housing



Item #	Description	Part Number	Usage	Quantity
1	Lower Air Gap Plate	M04299B001	Comm Side-load Non-ATC, All Retail	1
	Lower Air Gap Plate	M04299B003	Comm Front-load and/or Comm ATC	
2	Rain Baffle Plate	M06690B001	All	2
3	Upper Air Gap Plate	M04461A001	Comm Side-load Non-ATC, All Retail	1
	Upper Air Gap Plate	M04461A002	Comm Front-load and/or Comm ATC	

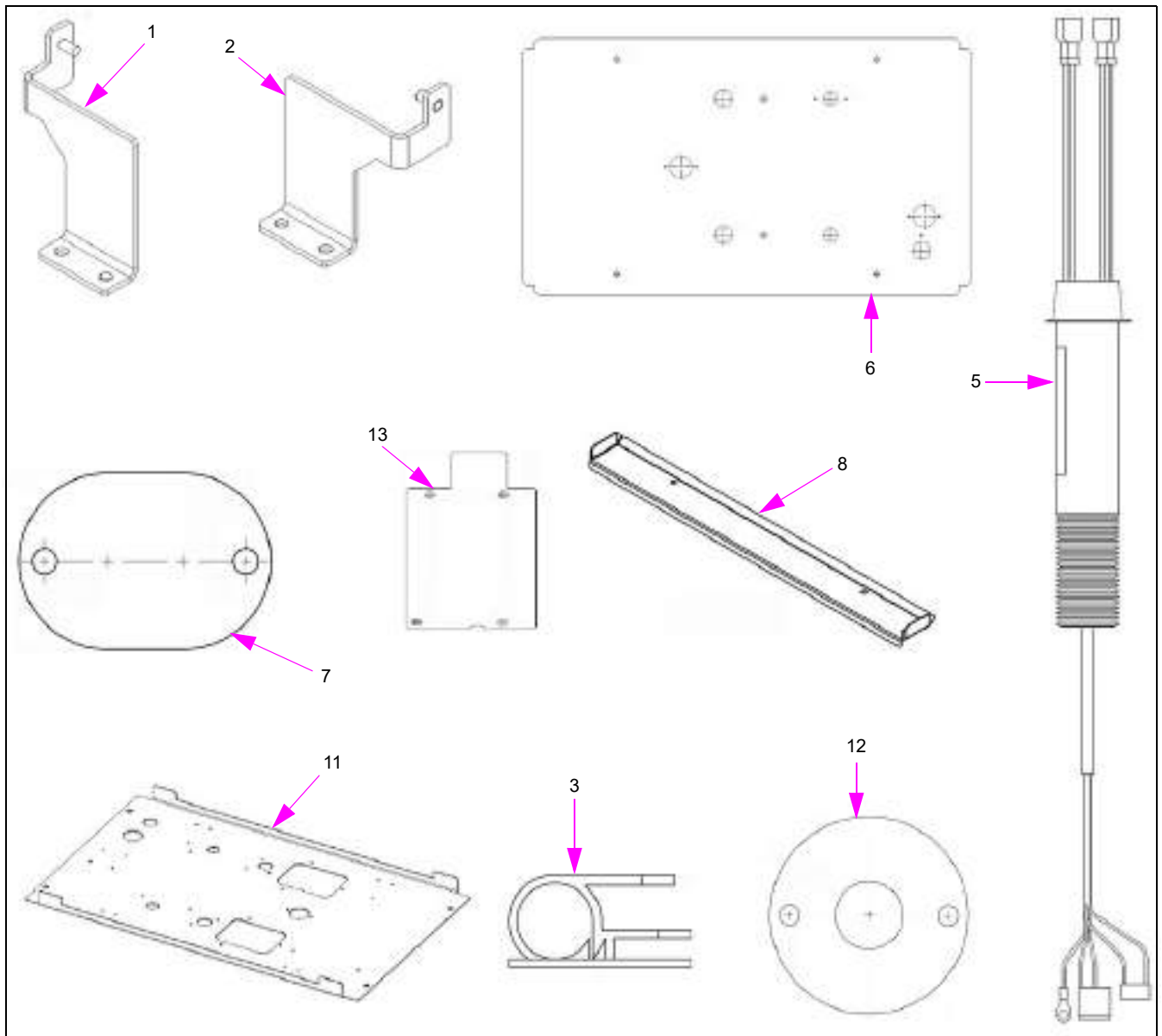
Item #	Description	Part Number	Usage	Quantity
4	Top Housing Assembly	M04483A001	All	1
5	Screw, M8 X 18 WH X Head	M00417B009	All	8
6	AC Conduit and Wire	M04850A006	Retail	1
	AC Conduit and Wire	M04850A008	Commercial	
7	DC Conduit and Wire	M05189A002	Commercial Pulse-out	1
	DC Conduit and Wire	M05189A004	Retail Pulse-out	
	DC Conduit and Wire	M05189A006	Commercial with TopKAT	
	DC Conduit and Wire	M05189A008	Commercial with TopKAT PLUS or Atlas PRIME	
8	Pivot Bracket	M04884B001	All	4
9	Lower Pulser Seal Assembly	M03023A002	All Single or Dual	1 or 2
10	Screw, M5 X 10 WH X Head	M00417B101	All Single or Dual	4 or 8
11	Upper Pulser Blanking Plate	M05083B001	All Single	1
12	Lower Pulser Blanking Plate	M05244B001	All Single	1
13	I.S. Barrier	C06766	Commercial Front-load	1
14	Washer, 1.35 X 1.75 X 0.06	N16599-108	Commercial Front-load	1
15	Conduit Nut	N23655-01	Commercial Front-load	2
16	Conduit Blanking Plate	N23746-01	Comm Front-load or Comm ATC	2
17	Conduit Seal Washer	N23760-03	Commercial Front-load	1
18	Conduit Seal Washer	N23760-04	All with Pulse-out or RS-485	2
19	Conduit Seal Washer	N23760-06	All	2
20	Conduit Seal Washer	N23760-07	Commercial ATC	2
21	Screw, M4 X 8 Pan-head	M00417B224	All	
22	Pulser Drive Gasket	M03081B001	All Canada Single or Dual	1 or 2
23	Conduit Seal Gasket	N23761-01	All Canada Pulse-out or RS-485	1
24	Conduit Seal Gasket	N23761-03	All Canada or Canada Front-load	1 or 2
25	Conduit Seal Gasket	N23761-04	Commercial Canada ATC	1

Diesel Exhaust Fluid (DEF) Air Gap Hardware



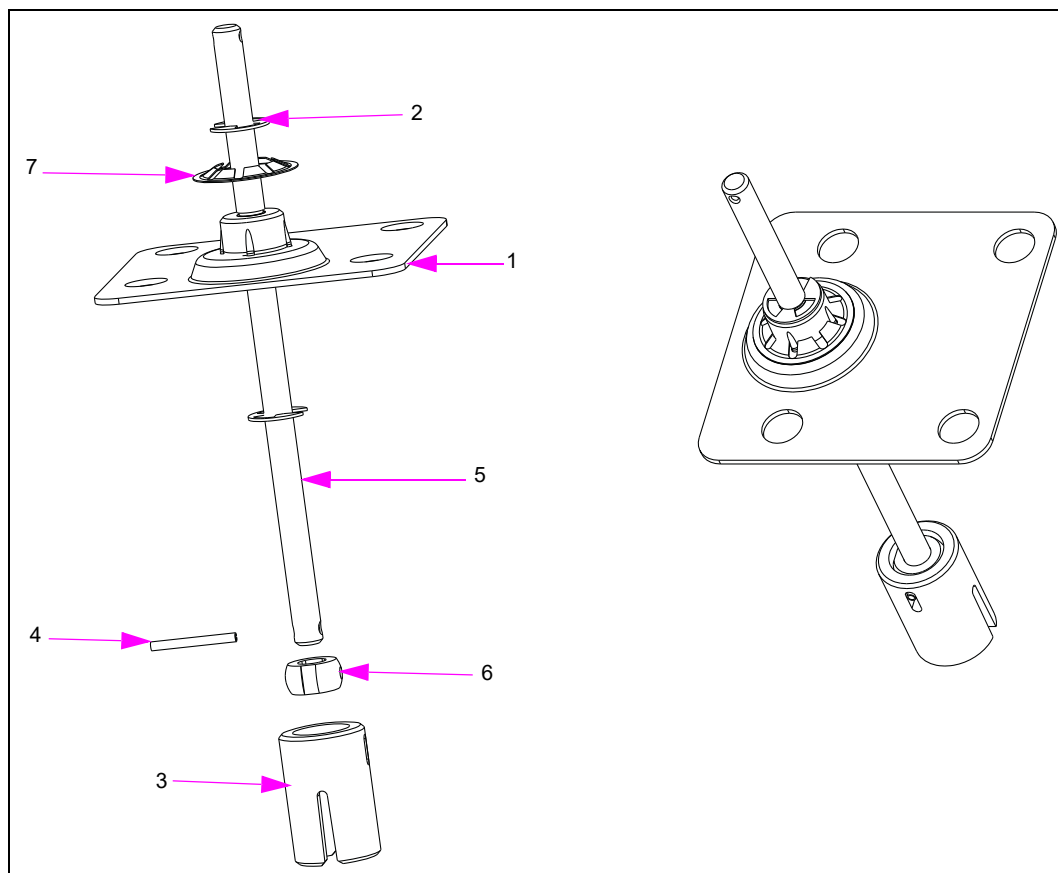
Item #	Description	Part Number	Quantity
1	Plate, Upper Electric Cabinet	M04461A002	1
2	Bracket, Pivot	M04884B001	4
Not Shown			
-	Screw, Metric M8 X 18	M00417B009	4
-	Screw, Metric M4 X 18	M00417B224	8

E85 Air Gap Hardware



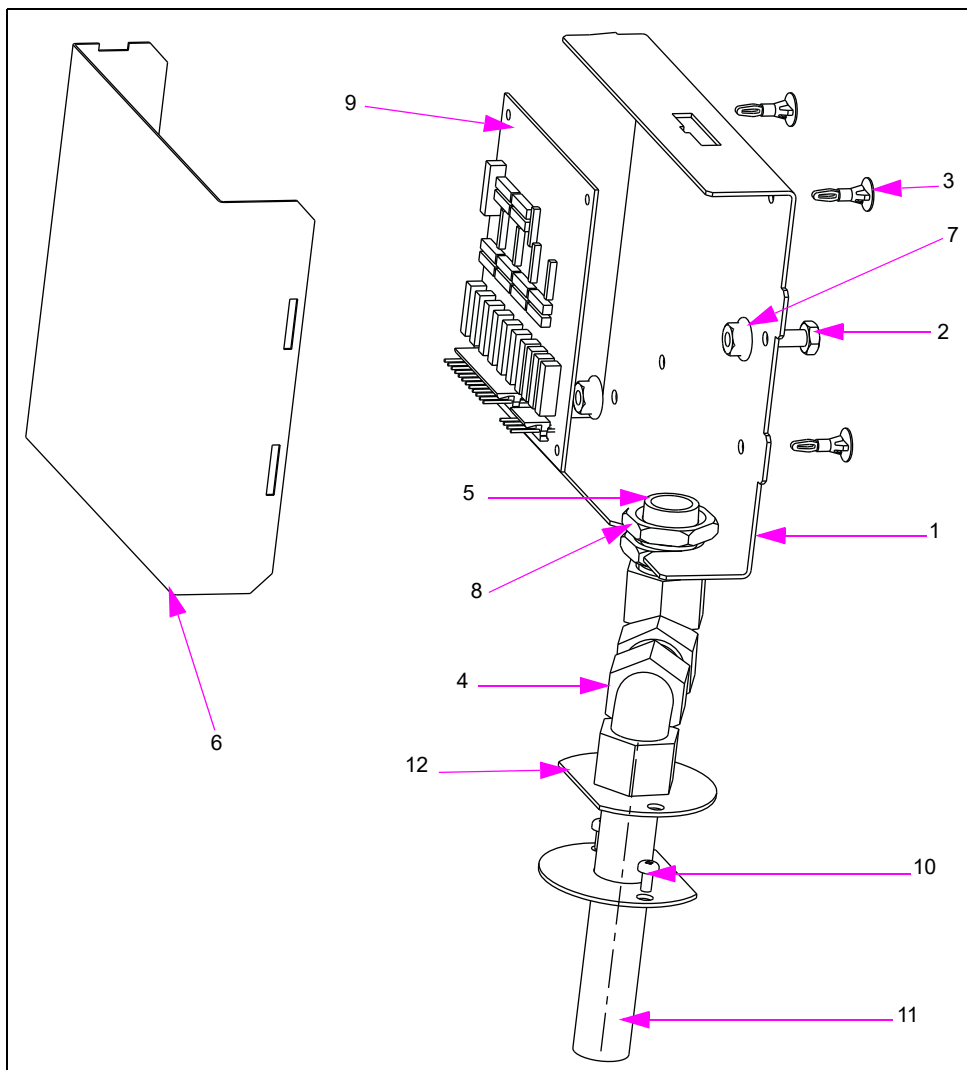
Item #	Description	Part Number	Quantity
E85 Front Load - Dual Side			
1	Assembly, Bracket, Pivot Left	M11419A001	2
2	Assembly, Bracket, Pivot Right	M11419A002	2
3	Cable Mount, Adhesive	Q13558-04	5
4	Nut Conduit 1.00	N23655-01	2
5	I.S. Barrier Assembly	C06766	1
6	Plate, Vapor Barrier Lower	M11615B001	1
7	Plate, Conduit Seal	N23746-01	2
8	Plate Air Gap Rain Baffle	M06690B001	2
9	Screw, Metric M4 X 8	M00417B113	16
10	Screw, Metric M8 X 18	M00417B009	8
11	Vapor Barrier, Upper	M05539B003	1
12	Washer 1" Conduit Seal	N23760-03	2
E85 Front Load - Single Side			
1	Assembly, Bracket, Pivot	M11419A001	2
2	Assembly, Bracket, Pivot	M11419A002	2
3	Cable Mount, Adhesive	Q13558-04	5
4	Nut Conduit 1.00	N23655-01	2
5	I.S. Barrier Assembly	C06766	1
6	Plate, Vapor Barrier Lower	M11615B001	1
7	Plate, Conduit Seal	N23746-01	2
8	Plate Air Gap Rain Baffle	M06690B001	2
9	Screw, Metric M4 X 8	M00417B113	16
10	Screw, Metric M8 X 18	M00417B009	8
11	Vapor Barrier, Upper	M05539B003	1
12	Washer 1" Conduit Seal	N23760-03	2
13	Plate, Cover Prop Valve	M11569B001	1
E85 Side Load - Single Side			
1	Assembly, Bracket, Pivot	M11419A001	2
2	Assembly, Bracket, Pivot	M11419A002	2
3	Cable Mount, Adhesive	Q13558-04	5
4	Plate, Conduit Seal	N23746-01	4
6	Plate, Vapor Barrier Lower	M11615B001	1
8	Plate Air Gap Rain Baffle	M06690B001	2
9	Screw, Metric M4 X 8	M00417B113	18
10	Screw, Metric M8 X 18	M00417B009	8
11	Vapor Barrier, Upper	M05539B003	1
13	Plate, Cover Prop Valve	M11569B001	1

Lower Pulser Seal Assembly - 8800, 9840, 9852, 9853



Item #	Description	Current Part	Previous Part	Quantity
	Assembly, Lower Pulser Seal	M03023A002	-	1
1	• Assembly Plate Lower Pulser	M03015A002	-	1
2	• Fastener Push-on Prong - Slotted	M03025B001	-	1
3	• Link, Pulser Drive	M00136B002	-	1
4	• Roll Pin 5/64 X 3/4 SSTL	K78378-47	-	1
5	• Shaft Pulser	M00137B004	-	1
6	• Swivel Ball	K93546	-	1
7	• Truarc Retaining Ring	K76238-22	-	2

Retail Front-load Activation Assembly (Retail)



Item #	Description	Current Part	Previous Part	Quantity
	Retail Front-load Activation Assembly	M06050A001	-	1
1	• Base, I.S. Barrier Encore Ultra-Hi	M05860B001	-	1
2	• Bolt, 1/4-20 X 1/2 HHC	K05287	-	2
3	• Circuit Board Support	Q10651-29	-	4
4	• Conduit Elbow 1/2	G025030	-	2
5	• Conduit Nipple 1/2 X 1-1/2	R11976-42	-	2
6	• Cover, I.S. Barrier	M05861B001	-	1
7	• Nut Hexagonal Flanged 1/4 - 20	Q11890-04	-	2
8	• Lock Nut, 1/2 NPT Machined	K89681	-	2
9	• PCA, I.S. Barrier	T19301-G1	-	1
10	• Screw, Thread Forming, Phillips Pan-head M4 X 8	M00417B224	-	2
11	• Conduit and Cable Assembly	M05969A002	-	1
12	• Washer, Conduit Seal	N23760-04	-	2

10 – Software Kits

The following table details the type of dispenser or pump and relevant software kits required:

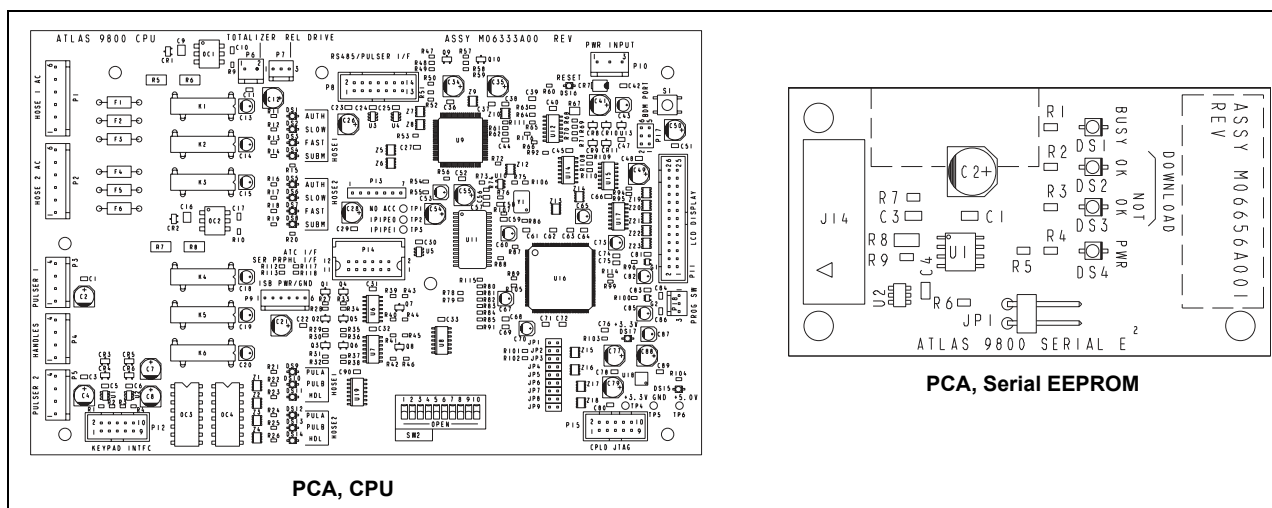
Dispenser or Pump	Type	Conversion Factor	PCB Used on	Software
Electronic Commercial Units	Standard 9800K	Gallons	M05346A002 CPUs, M05346A004 CPUs <i>Note: These PCBs are no longer available.</i>	M03946K001
	Standard 9800K	Liters		M03946K002
	Standard 9800K	Imperial Gallons		M03946K003
	Super-Hi 9840K	Gallons		M03946K004
	Super-Hi 9840K	Liters		M03946K005
	Super-Hi 9840K	Imperial Gallons		M03946K006
	Ultra-Hi 9850K	Gallons	C06392 CPUs, C06394 CPUs, C06501 CPUs, C06503 CPUs <i>Note: These PCBs are no longer available.</i>	C06426K9850G
	Ultra-Hi 9850K	Liters		C06426K9850L
	Ultra-Hi 9850K	Imperial Gallons		C06426K9850M (obsolete)
Electronic Commercial Units	Standard 9800K (Models: 9852K, 9853K)	Selectable at M06333KXXXX CPU	M06333K9800K CPU	M06656K001 (see note 1)
	Ultra-Hi 9850 (Models: 9850A/Q, 9850K) (see note 2)		M06333K9850 CPU	M06656K002 (see note 1)
	Super-Hi 9840K (Model: 9840K)		M06333K9840K CPU	M06656K003 (see note 1)
	Standard 9800Q (Models: 9852A/Q, 9853A/Q, 9822A/Q, 9823A/Q/K)		M06333K9800AQ CPU	M06656K004 (see note 1)
	Super-Hi 9840Q (Model: 9840A/Q)		M06333K9840AQ CPU	M06656K005 (see note 1)
	Standard Electronic Calibration [E-CAL (Models: 9862K, 9872K)]		M06333KECAL CPU	M06656K006 (see note 1)
Electronic Retail Units	Standard 8800K	Programmable	-	K93682-G1
	Standard 8800K	Liters Only	-	K93682-G7
	8800K (With Pulse-out)	Programmable	-	M07889K001
	8800K (With Pulse-out)	Liters Only	-	M07889K002
	ATC Software	Programmable	-	K94160-01
Notes: 1. Atlas 9800 serial Electronically Erasable Programmable Read Only Memory (EEPROM) boards used for reprogramming CPU Boards (M06333KXXXX) Software Kit M06656K100 contains parts of M06656K001 - K006 (one of each). 2. Verify the 9850A model units serial number on the outside model /serial tag: If the serial number is 472238 or higher, use the 9850 Software on the CPU. If the serial number is lower than 472238 use the 9800AQ Software on the CPU M06333K.				

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11 – Commercial PCB

Commercial PCBs (Non-Ultra-Hi)

PCA (CPU and Serial EEPROM)

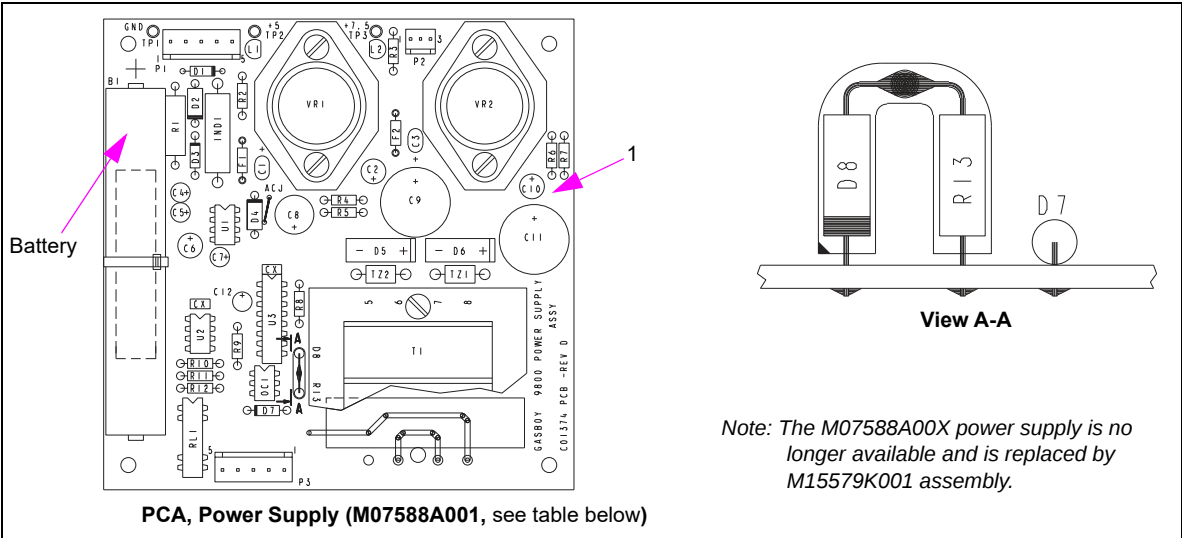


Part Description	Current Part	Previous Part	Quantity	Software Type
PCA, Atlas 9800 CPU, Dual, 115 V/230 V (see notes 1 and 2)	M06333K9800K (Models: 9852K, 9853K)	M05346A001 - A004	1	Standard 9800K
	M06333K9840K (Model: 9840K)	M05346A001 - A004	1	Super-Hi 9840K
	M06333K9800AQ (Models: 9852A/Q, 9853A/Q, 9822A/Q, 9823A/Q/K)	C06392, C06394, C06501, C06503	1	Standard 9800AQ
	M06333K9840AQ (Models: 9840A/Q)	C06392, C06394, C06501, C06503	1	Super-Hi 9840AQ
	M06333KECAL (Models: 9862KX, 9872KX)	N/A	1	Standard DEF (9862KX), E85 (9872KX)
Fuse, 1A, 250V, Fast Blow F1-6	Q13070-07	-	6	-
PCA, Atlas 9800 Serial EEPROM [Reprogramming card for M06333KXXXX CPU PCA (see note 3)]	M06656K001	N/A	1	Standard 9800K
	M06656K003		1	Super-Hi 9840K
	M06656K004		1	Standard 9800Q
	M06656K005		1	Super-Hi 9840Q
	M06656K006		1	Standard DEF (9862KX), E85 (9872KX)

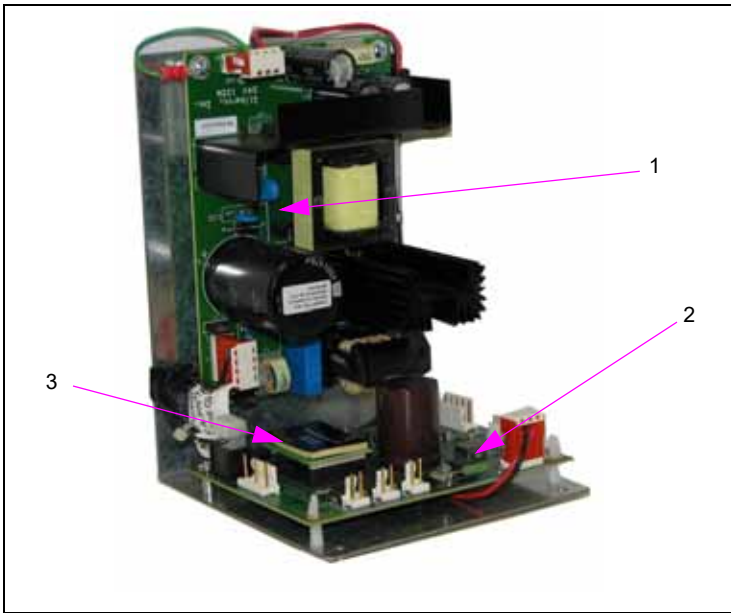
Notes:

1. M06333KXXXX requires an Atlas 9800 Power Supply (M07588A00X or M15579K001).
2. The only difference between the Atlas 9800 CPU Boards (M06333KXXXX) is the software type.
3. Software Kit M06656K100 contains parts of M06656K001 - K006 (one of each).

Commercial Power Supply



Atlas Power Supply Assembly Kit (M15579K001)



Item #	Part Description	Current Part	Previous Part	Quantity
1	PCA, 24 VDC Power Supply	M10996A001	-	1
2	PCA, ATLAS DC-DC Converter	M15321A001	-	1
3	PCA, Fuse Block	M07362A002	-	1

Atlas Power Supply Assembly - Commercial

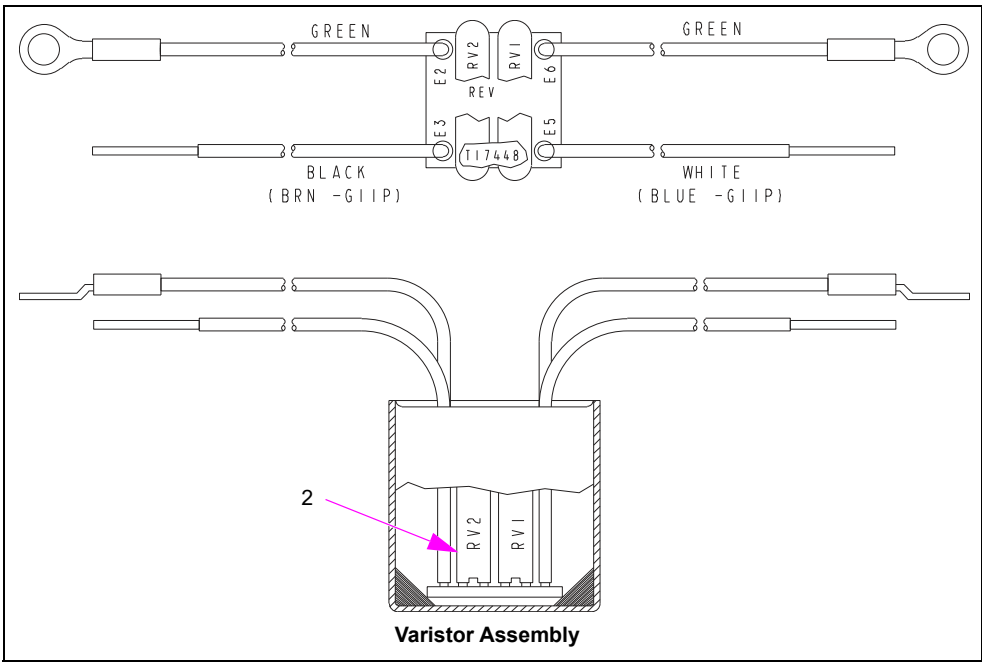
24 VDC Power Supply (M10996A001)



Atlas DC-DC Converter PCA (M15321A001)

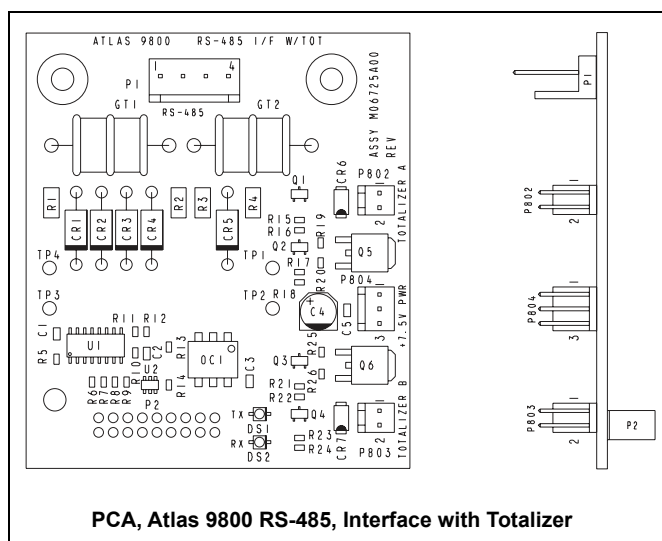
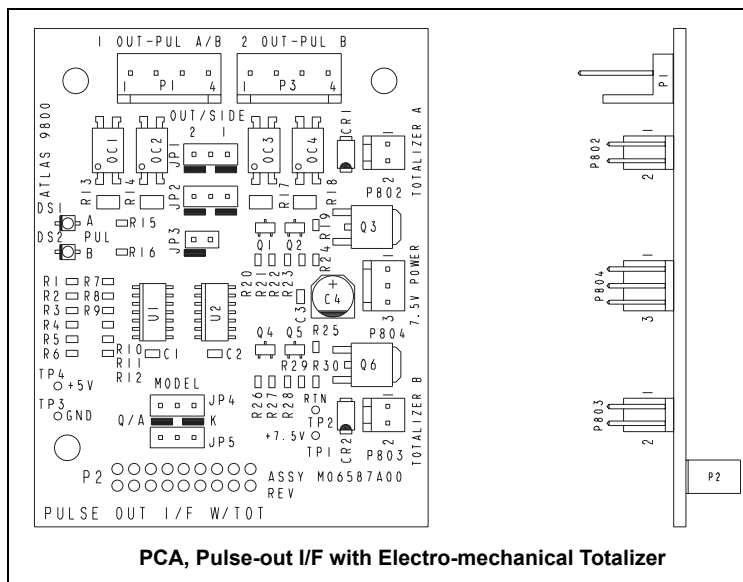


Fuse Block PCA (M07362A002)



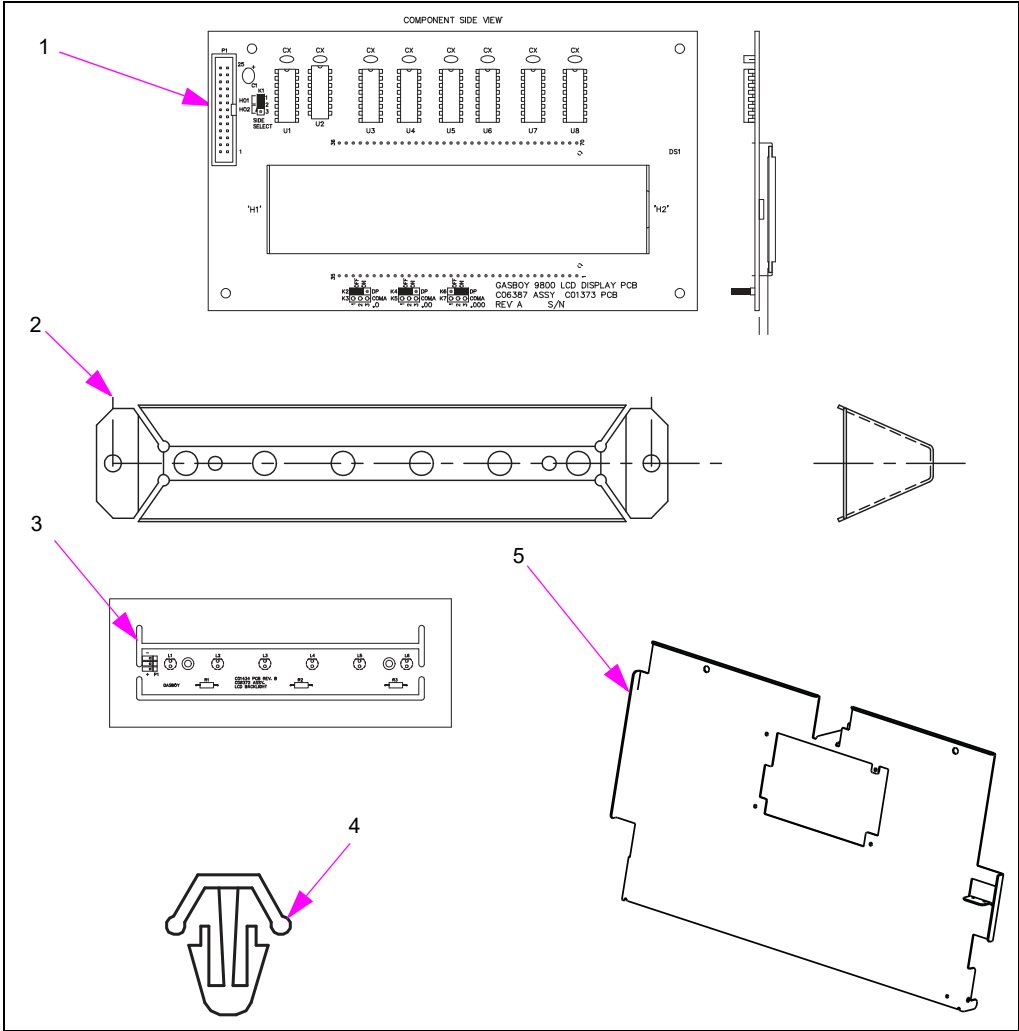
Item #	Part Description	Current Part	Previous Part	Quantity
1	Kit, Atlas 9800 Power Supply, 115 V (needed to replace old battery backed-up supplies)	M12421K00X	M07588A001, C06397	1
	Atlas 9800 Power Supply Assembly, 115 V	M15579K001	M07588A002, C06396	1
	Kit, Atlas 9800 Power Supply, 230 V (needed to replace old battery backed-up supplies)	M12422K00X	M07588A003, C06489	1
	Atlas 9800 Power Supply Assembly, 230 V	M15579K001	M07588A004, C06488	1
2	Varistor Assembly, 115 V	T17448-G1	-	1
	Varistor Assembly, 230/380 V	T17448-G3	-	1
Note: For M12421K00X and M12422K00X Kits, the number of displays needed defines the kit number. If only one display is needed, the kit number is either M12421K001 or M12422K001. For two displays, the kit number is M12421K002 or M12422K002. If four displays are needed, the kit number is M12421K003 or M12422K003.				

Pulse-out I/F/RS-485 I/F



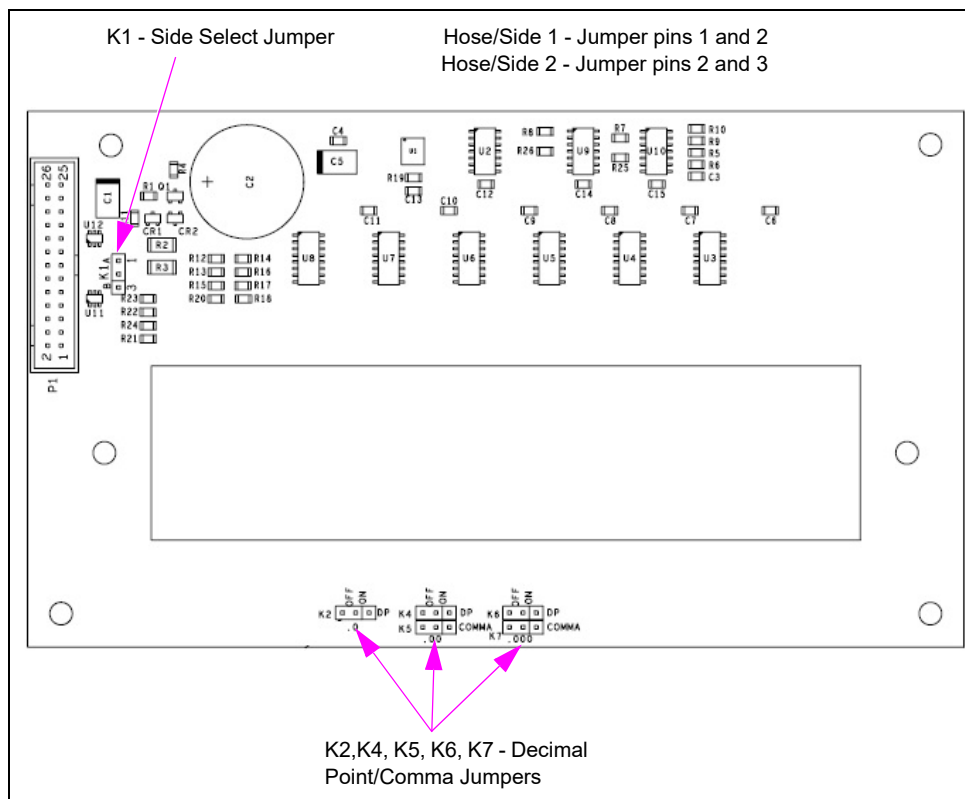
Item #	Part Description	Current Part	Previous Part	Quantity
1	PCAAtlas 9800, Pulse-out I/F (Dual Common/Distinct Outputs, Two Dual Common Outputs) with Electro-mechanical Totalizer	M06587A001	M05158A001 (Dual Distinct Outputs) M05158A002 (Dual Common Outputs) and M05158A003	1
2	PCA, Atlas 9800 RS-485, Interface with Totalizer	M06725A001	M05248A001 (obsolete)	1

Displays and Display Panels



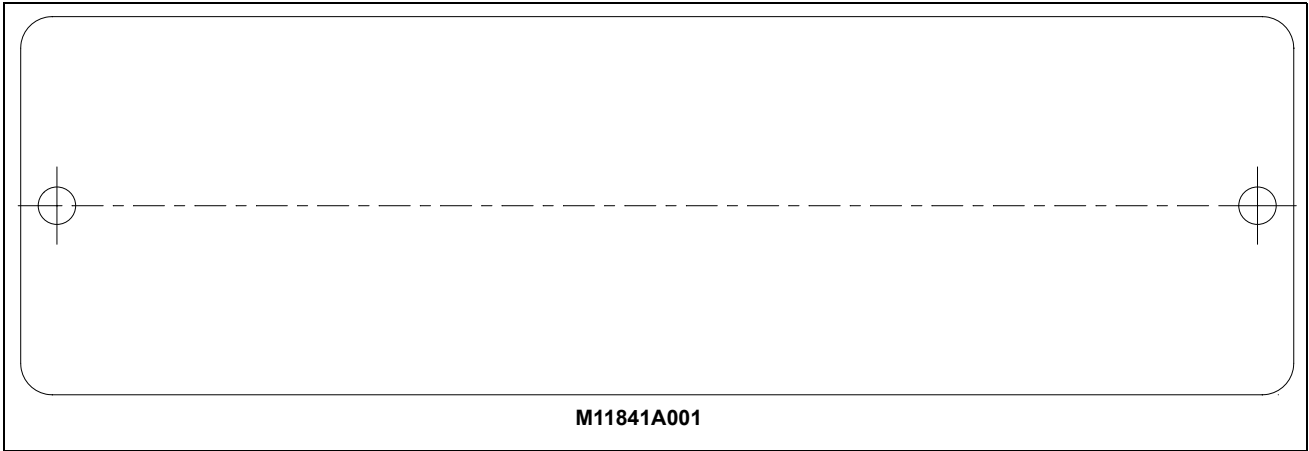
Item #	Part Description	Current Part	Previous Part	Quantity
1	PCB Assembly Liquid Crystal Display (LCD)	M12158A004	C06387	1
2	Reflector-LCD Backlight 9	C35399	-	1
3	PCB Assembly LED Sale Backlight	C06372	-	1
4	Mounting Button	C09701	-	2
5	Panel, PC Board Support (Used on Commercial Single only)	M05045B001	-	1
	Panel, PC Board Support (Used on Commercial Dual only)	M05044B001	-	1

New Super Cap Main Display [M11714A002 (Atlas 9800 only)]



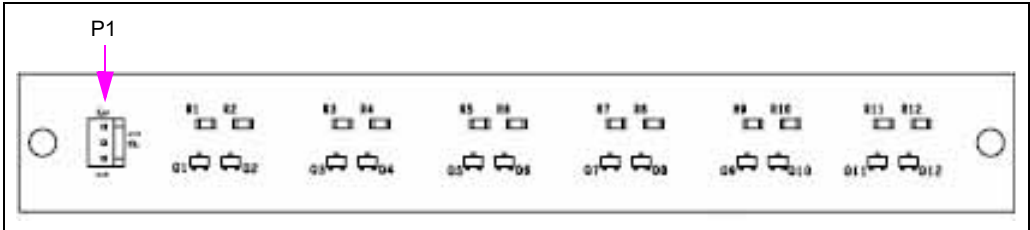
Display	K2	K4	K5	K6	K7
000000	OFF	OFF	OFF	OFF	OFF
00000.0	ON	OFF	OFF	OFF	OFF
0000.00	OFF	ON	OFF	OFF	OFF
0000,00	OFF	ON	ON	OFF	OFF
000.000	OFF	OFF	OFF	ON	OFF
000,000	OFF	OFF	OFF	ON	ON

Diffuser

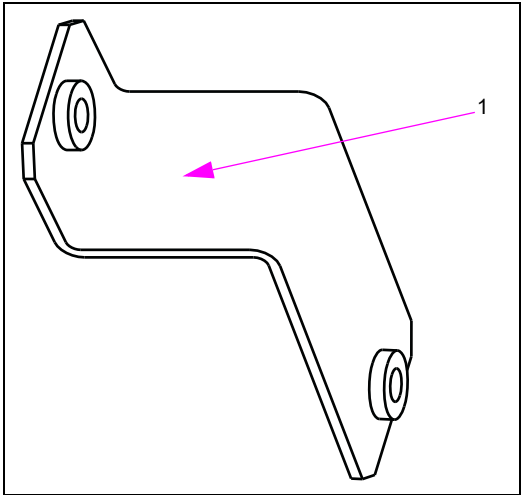


Item #	Part Description	Current Part	Quantity
1	Display, Diffuser Solid White	M11841A001	-

New Main Display Backlight [M12019A001 (Atlas Commercial only)]



Display Panel Stop Bracket



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bracket, PC Board Support	M05611A002	M05611A001	1

12 – Commercial Cables

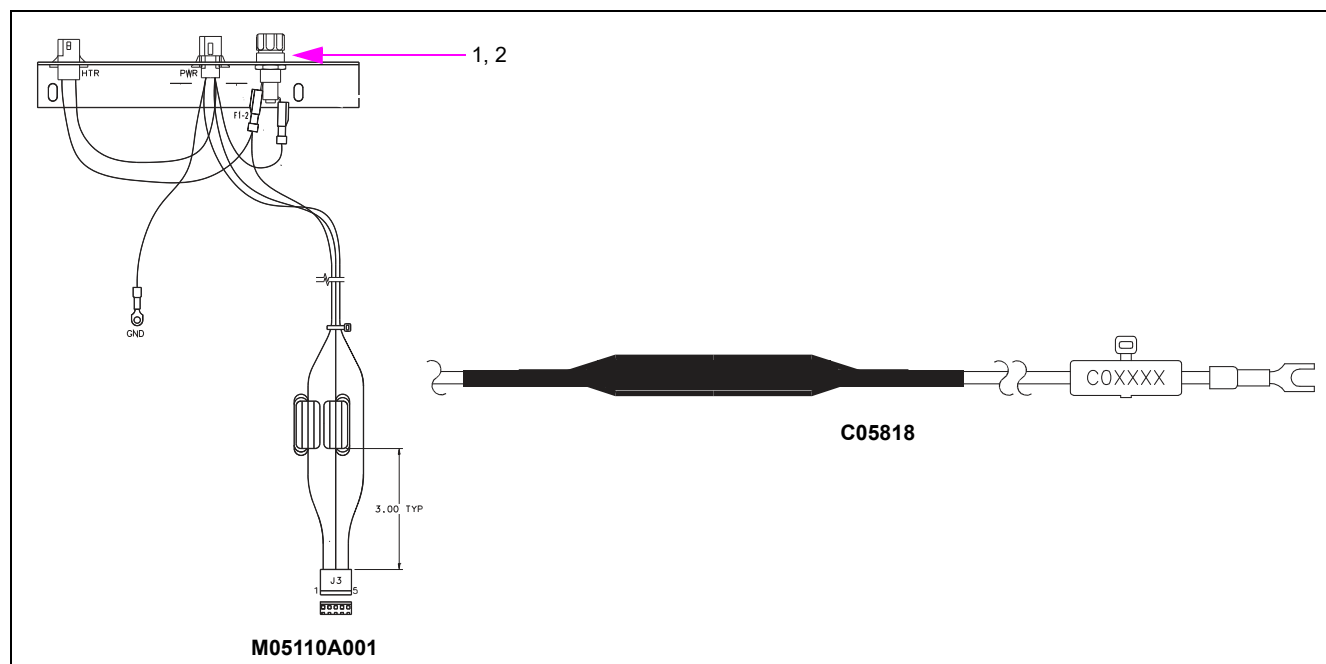
Note: For cable block diagram, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

Part Description	Current Part	Previous Part
AC Fuse Cable Assembly (standard)	M05110A001	-
AC Fuse Cable Assembly (DEF)	M05110A002	-
AC Cable Assembly, Atlas Commercial	M05110A003	-
Main AC Power Cable Assembly (standard)	M04850A008	-
Main AC Power Cable Assembly (E85)	M04850A010	-
DC Cable Assembly, Pulse-out/RS-485	M05189A002	-
DC Cable Assembly, Dispenser Mount TopKAT	M05189A006	-
DC Cable Assembly, Dispenser Mount TopKAT PLUS	M05189A008	-
DC Cable Assembly, Atlas PRIME	M05189A009	-
Display Panel Ground Cable Assembly (E85)	C06178	-
Display Cable, Single	C06455	-
Display Cable, Dual	M05109A001	-
Backlight Power Cable	M05108A001	-
Pulser Adapter Cable	M05201A001	-
Handle Switch Cable, Single	M05105A002	-
Handle Switch Cable, Dual	M05105A001	-
Handle Switch Cable, Single WWDEF	M05105A003	-
Heater Cable, 115 V (see note)	M05120A001	-
Heater Cable, 230 V	M05120A002	-
Authorization Cable (10 W Power Resistor Assembly), 115 VAC	C05818	-
Totalizer/ATC Sensor Cable	M05119A001	-
Varistor, 115 V	T17448-G1	-
Varistor, 230 V	T17448-G3	-
Electro-mechanical Totalizer	M00455A002	-
Display Panel Ground Cable Assembly (standard)	C06454	-
I.S Barrier, Front-load	C06766	-
Not Shown		
Magnet, Actuator	Q12514-05	-
<i>Note: Available as spare part only.</i>		

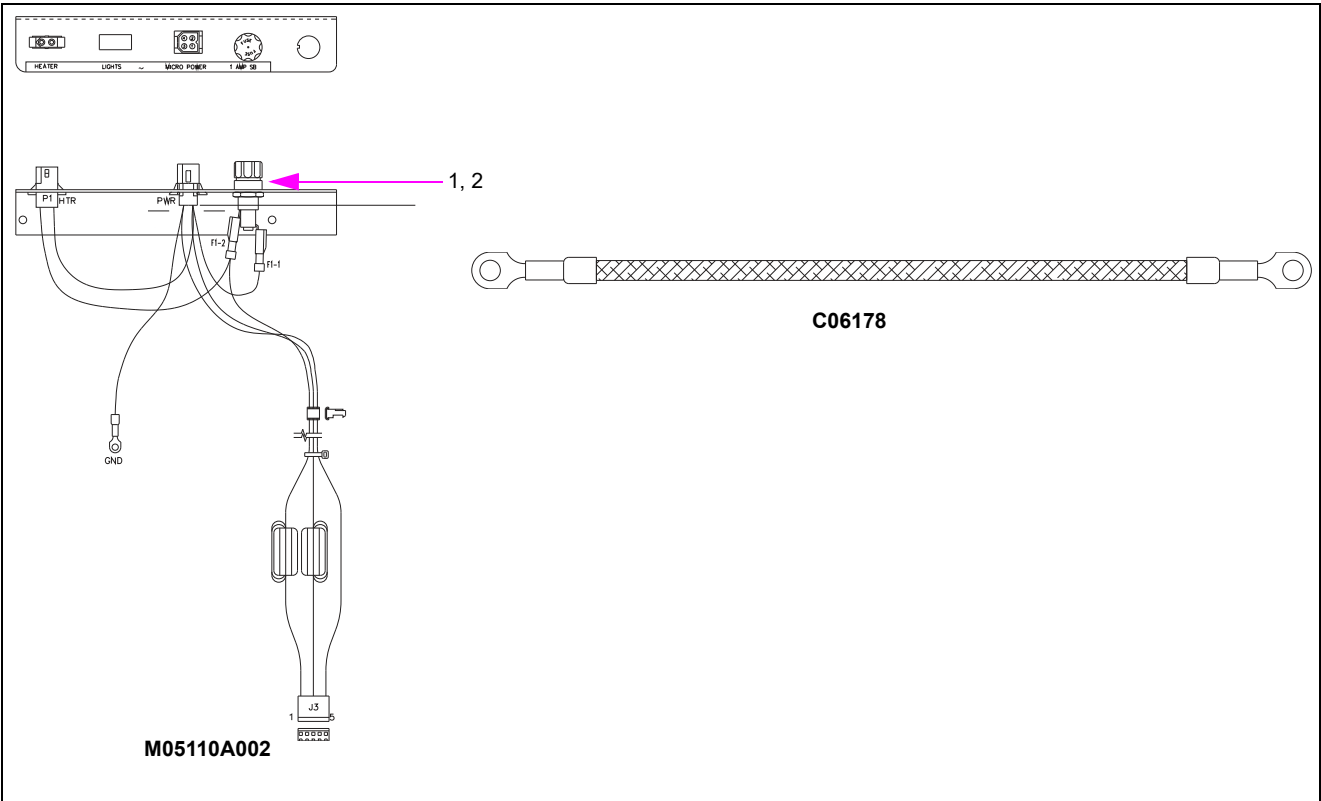
Atlas PRIME Cables

Part Description	Current Part	Previous Part
Bezel Support Ground Cable	M04431A004	-
Cable, CAT5 6-ft	M14080A002*	-
Atlas/OrPAY DC Power/485 Cable	M15499A001*	-
Atlas/OrPAY DC Power/485 Side-B Cable	M15499A002*	-
Atlas/OrPAY DC Power/485 Super-Hi and CW DEF Cable	M15499A003	-
Atlas DC Power to Hub, Super-Hi and TW3 Cable	M15502A001	-
Atlas DC Power to Hub, E85 Cable	M15502A002*	-
DC Power ORPAK OrCU Cable	M15505A001	-
DC Power ORPAK OrCU Super-Hi, CW DEF, and E85 Cable	M15505A002*	-
CABLE, Atlas/ORPAY DC Power/485-STD	M15499A004	-
Atlas/OrPAY DC Power/485 Side-B Cable-STD	M15499A005	-
Atlas/OrPAY DC Power/485 Side-B Cable-UH	M15499A006	-
Atlas/OrPAY DC Power/485 Side-B Cable-E85	M15499A007	-
Atlas/OrPAY DC Power/485 Cable-TW3	M15499A008	-
Atlas/OrPAY DC Power/485 Cable-E85	M15499A009	-
DC Power ORPAK OrCU Standard, Ultra-High, WW DEF, E85 Cable	M15505A003	-
Cable, Work Area, 1FT	Q13850-01	-
Cable, Work Area, 6FT	Q13850-06	-

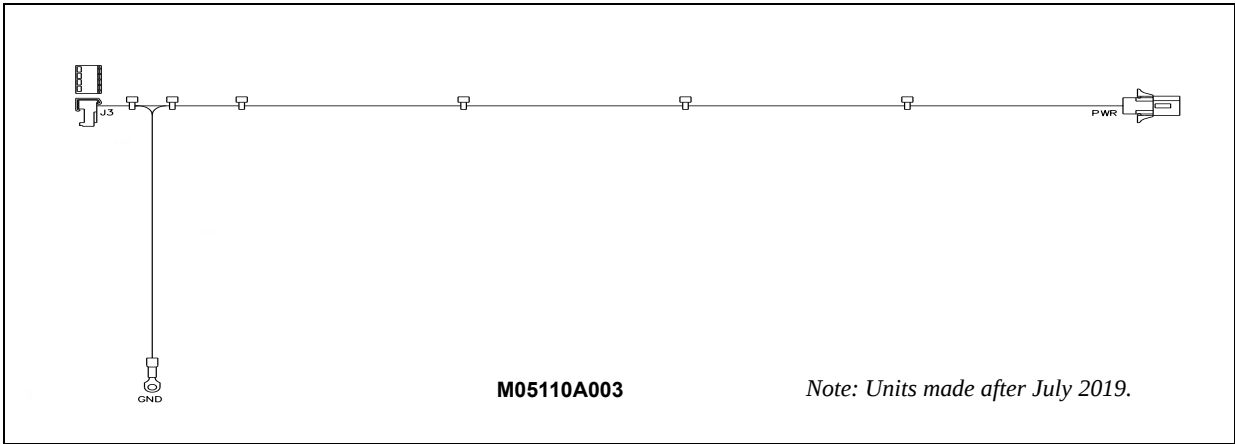
* Used on Atlas PRIME units made before February 2021.

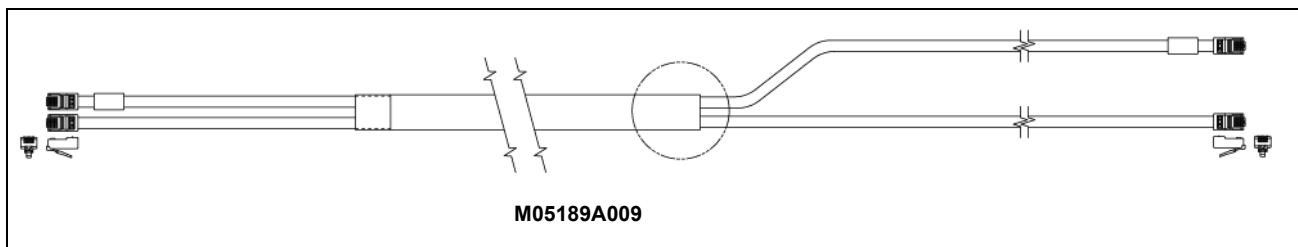
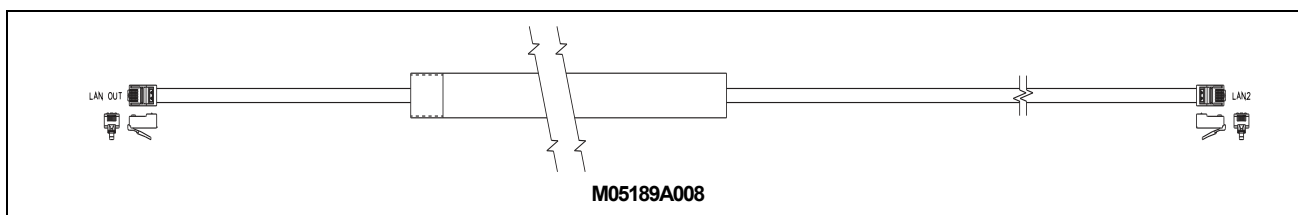
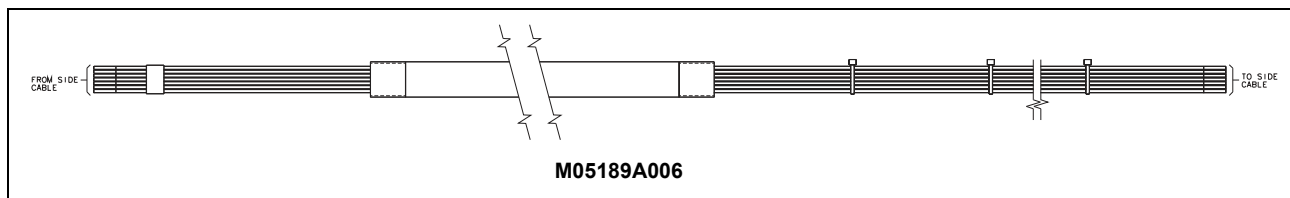
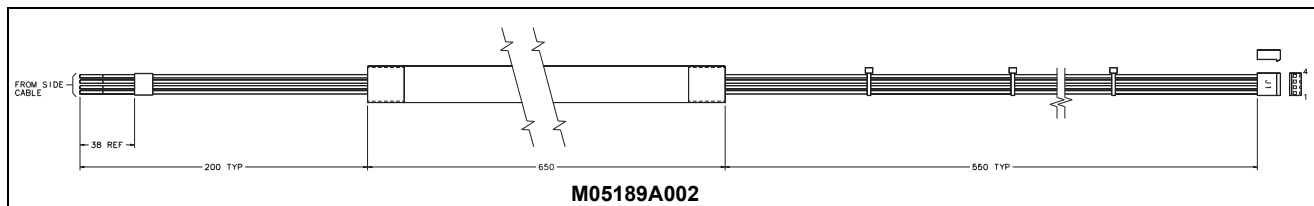
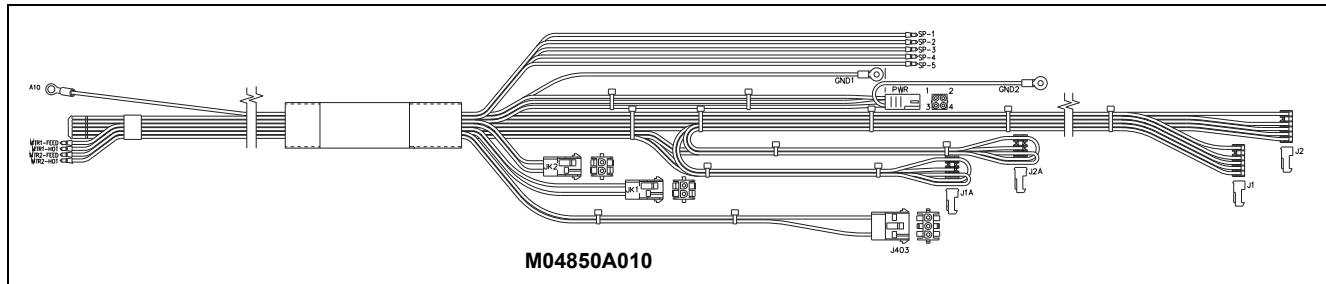
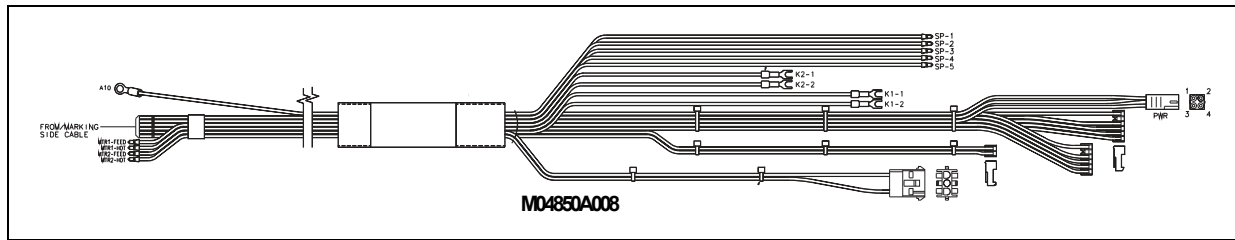


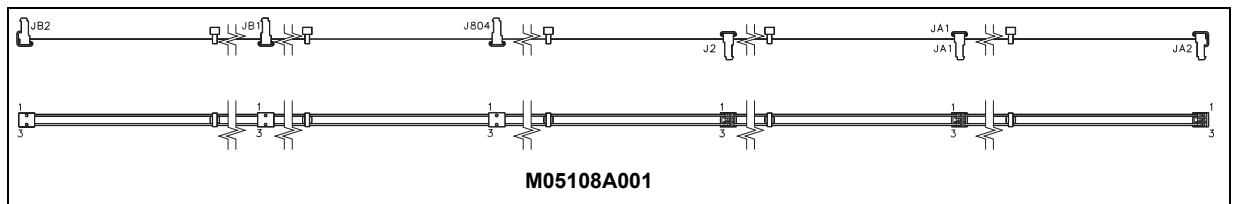
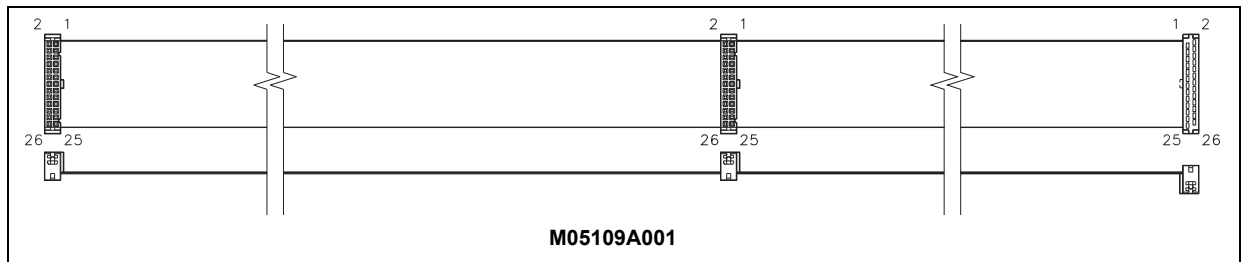
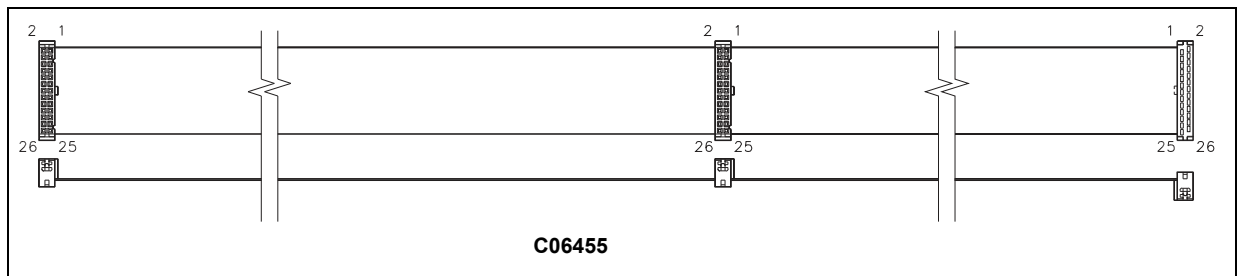
Part Description	Current Part	Previous Part	Quantity
Holder, Fuse 3AG Pnl. Mnt., Q.C.	C09546	-	1
Fuse, 1 Amp SB 3AG Glass	C04044	-	1

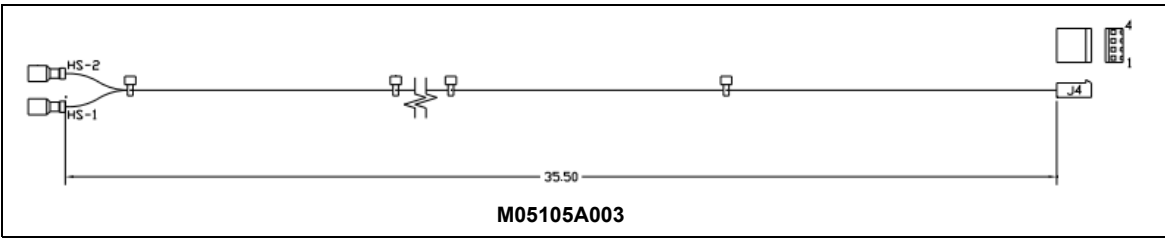
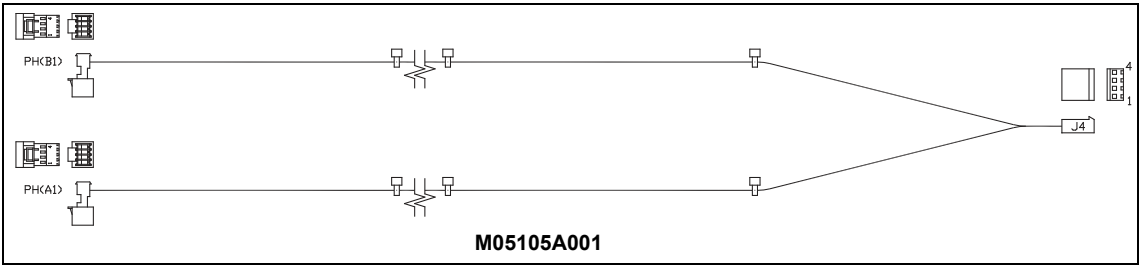
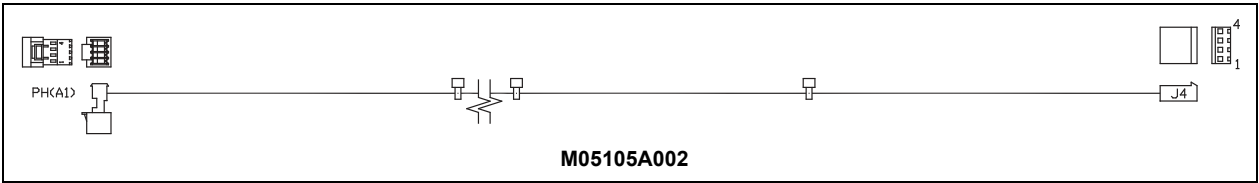
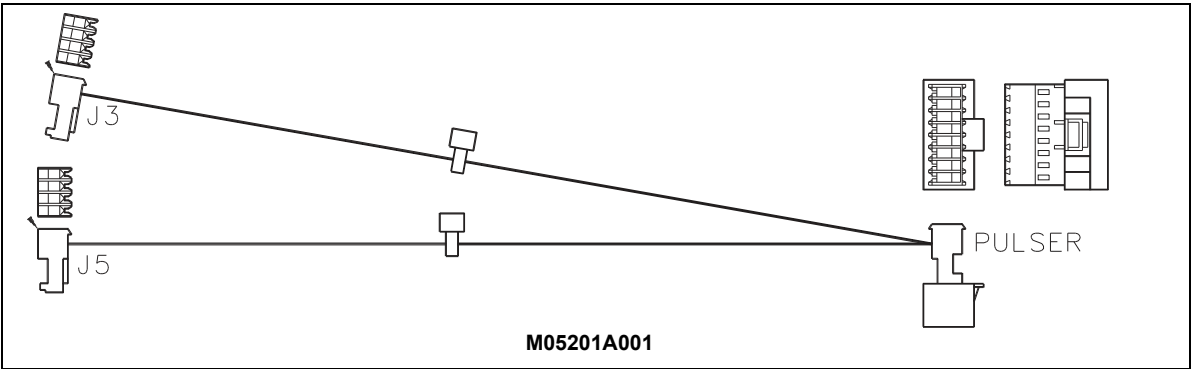


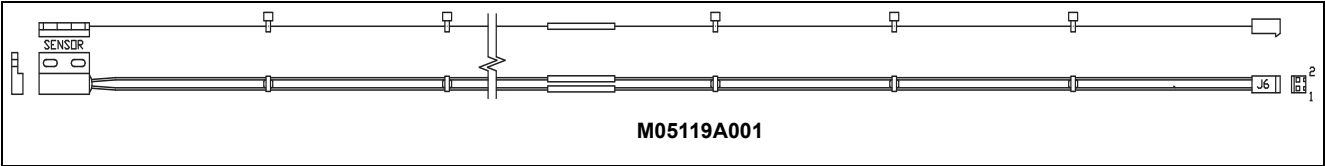
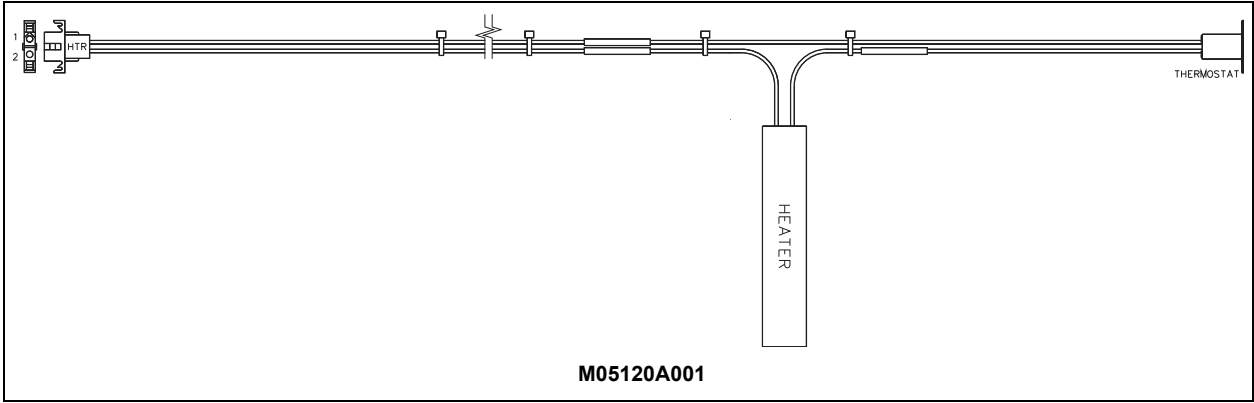
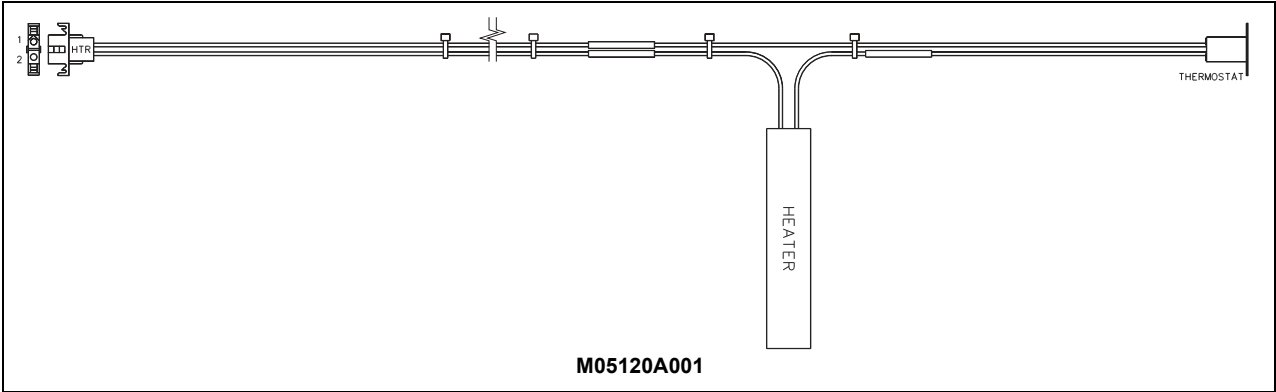
Part Description	Current Part	Previous Part	Quantity
Holder, Fuse 3AG Pnl. Mnt., Q C.	C09546	-	1
Fuse, 1 Amp SB 3AG Glass	C04044	-	1

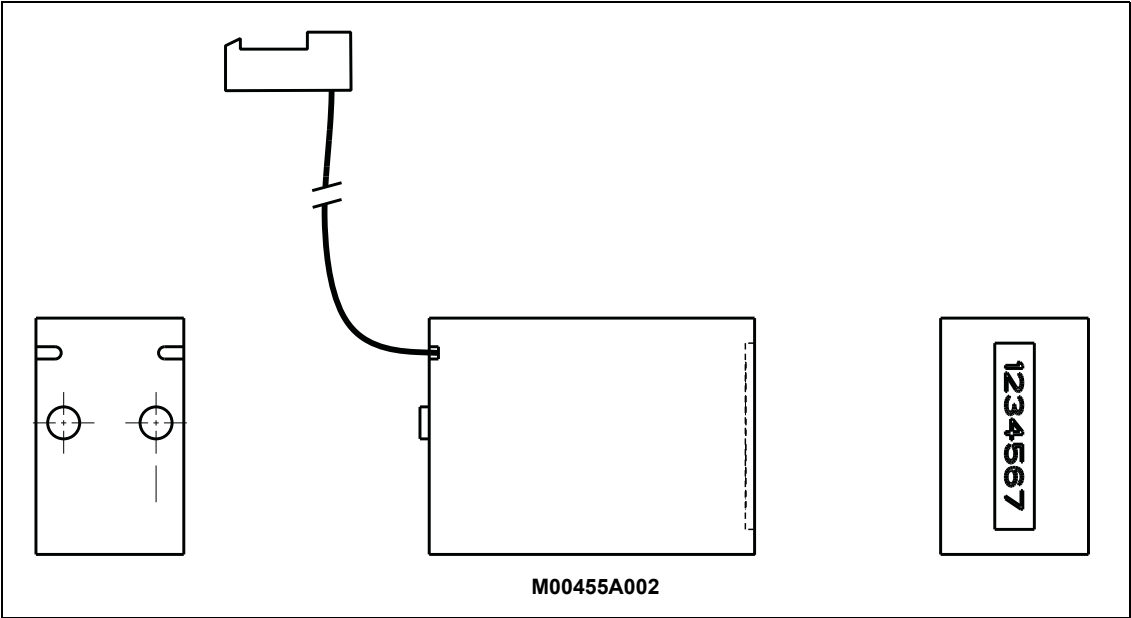
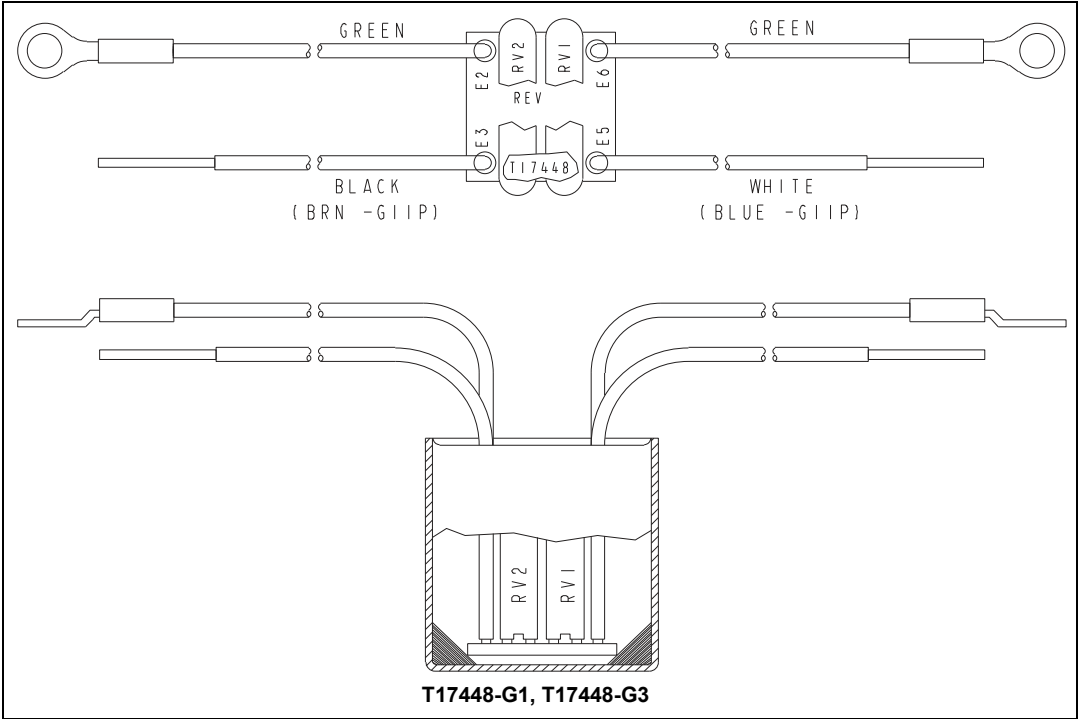


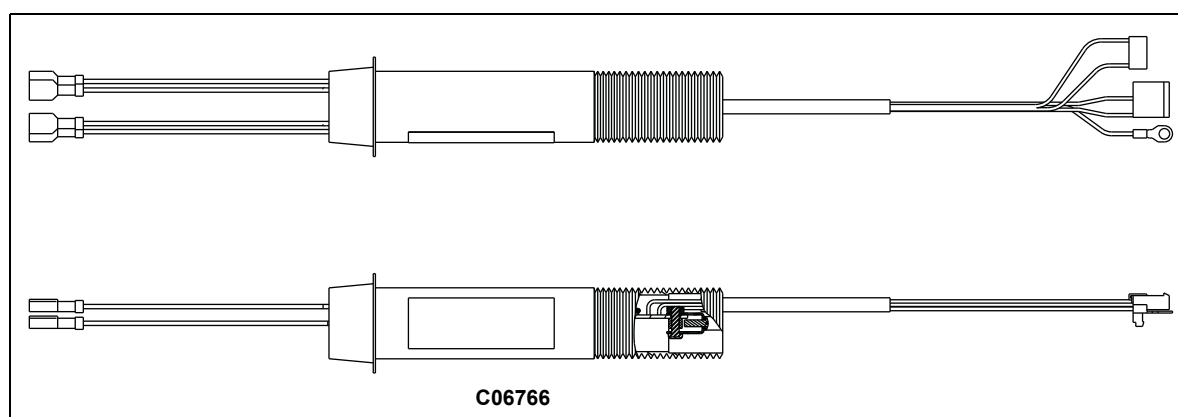
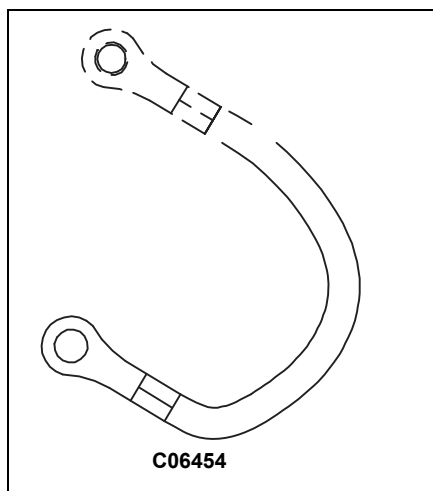




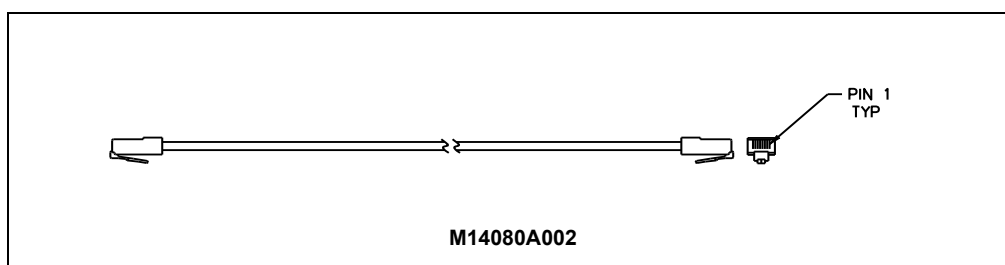
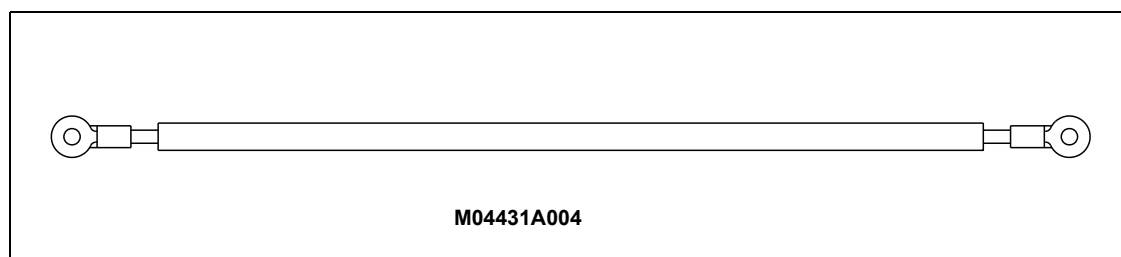


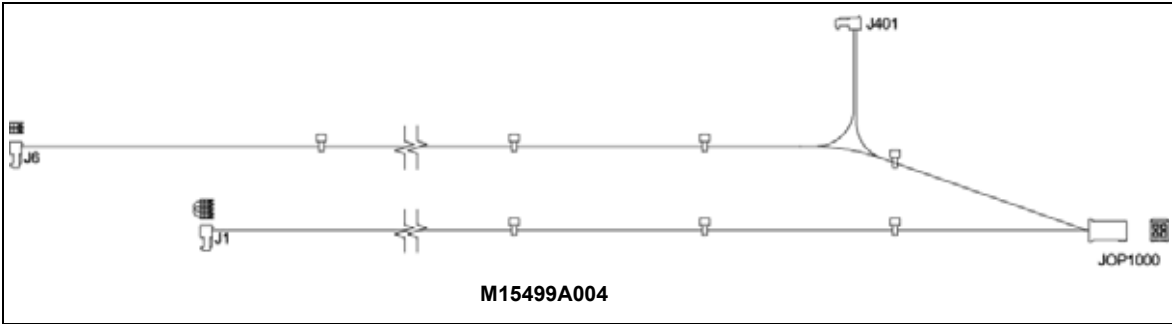
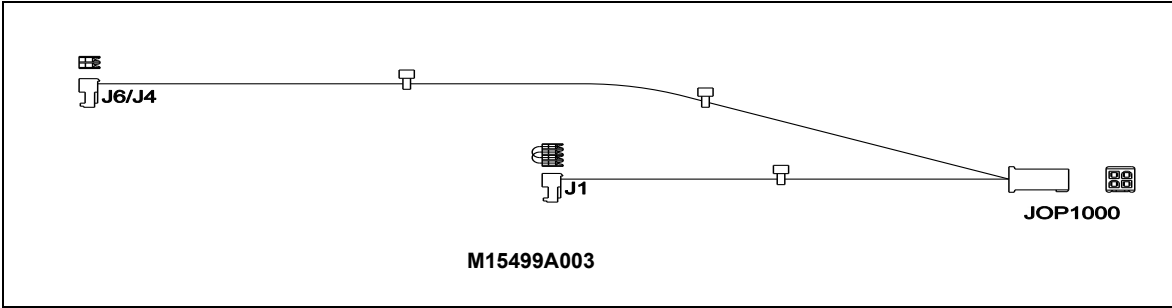
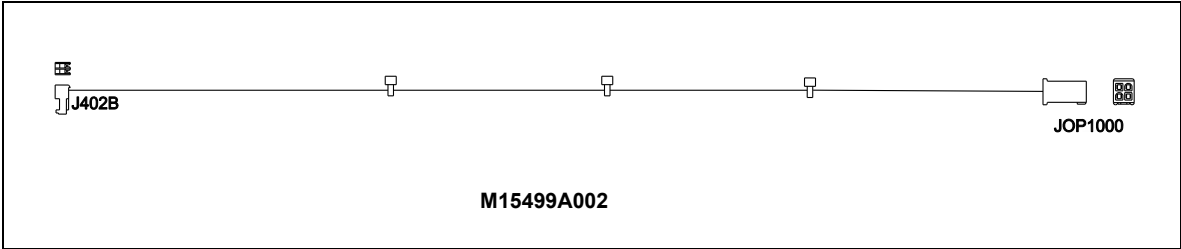
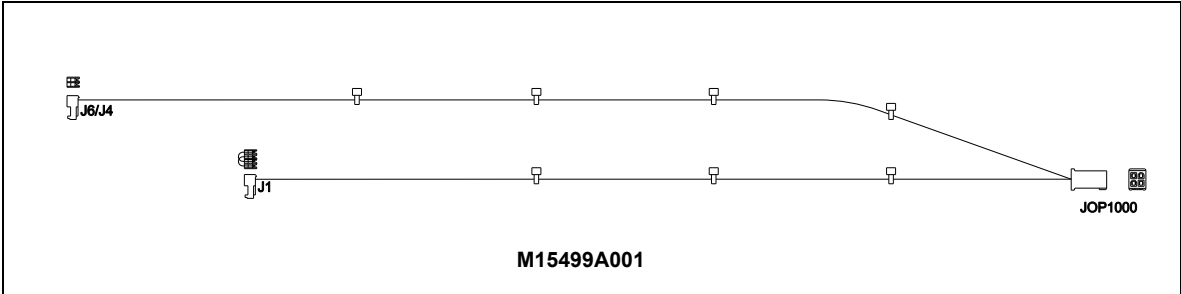


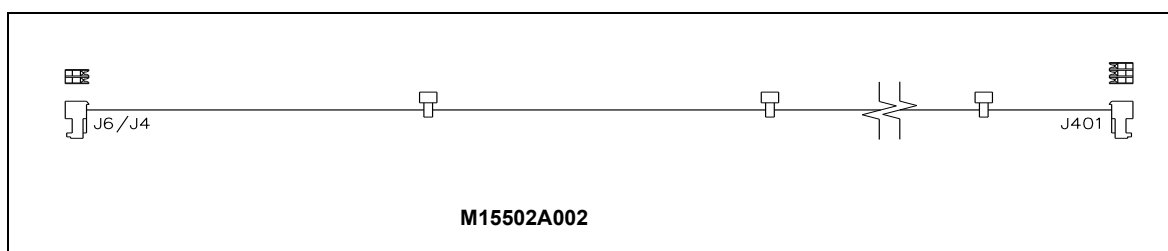
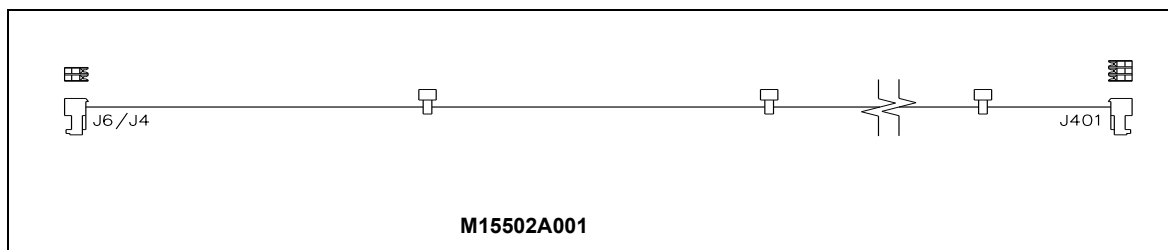
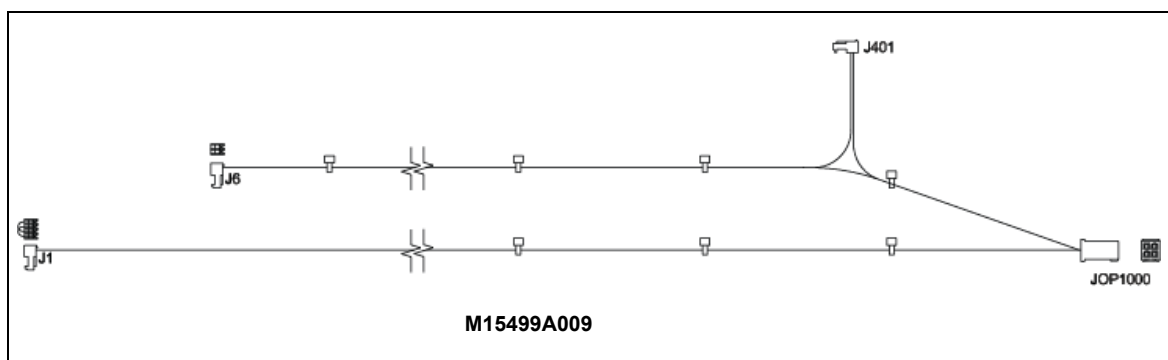
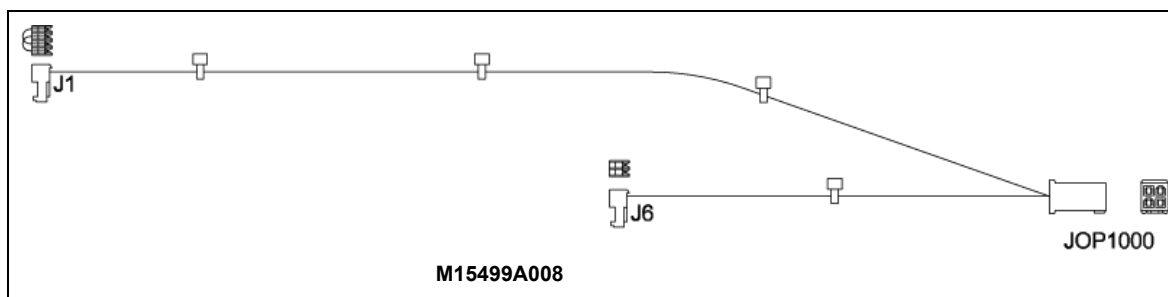
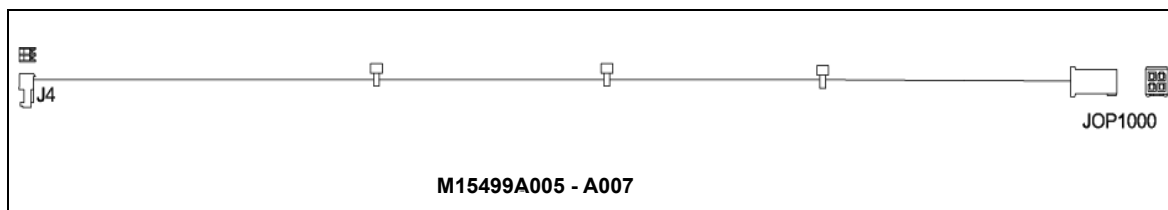


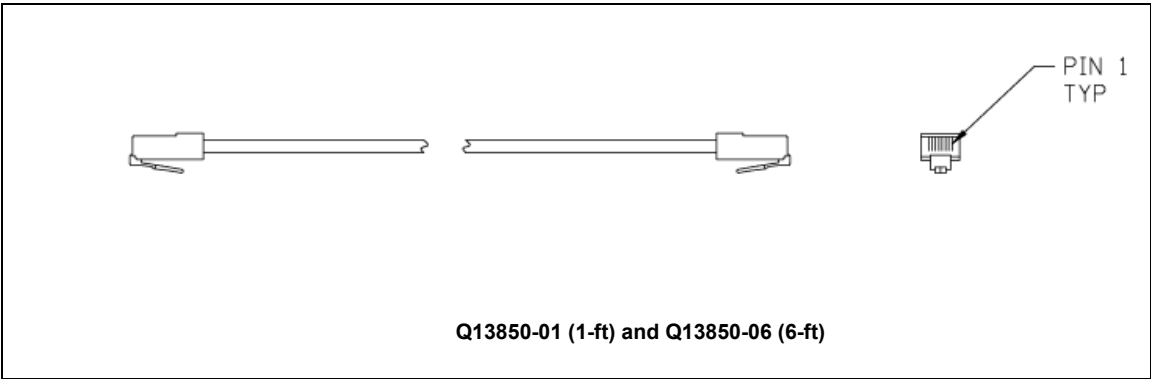
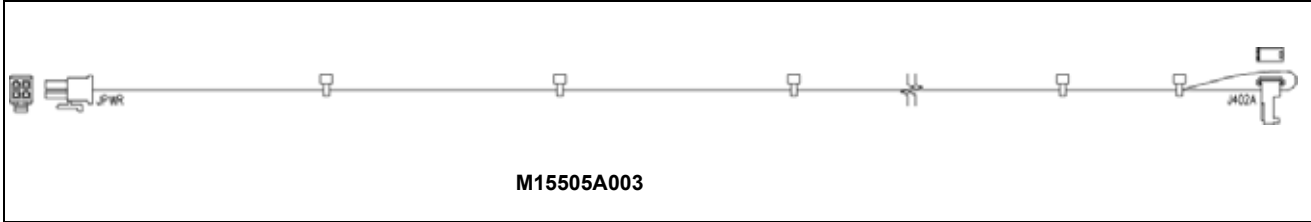
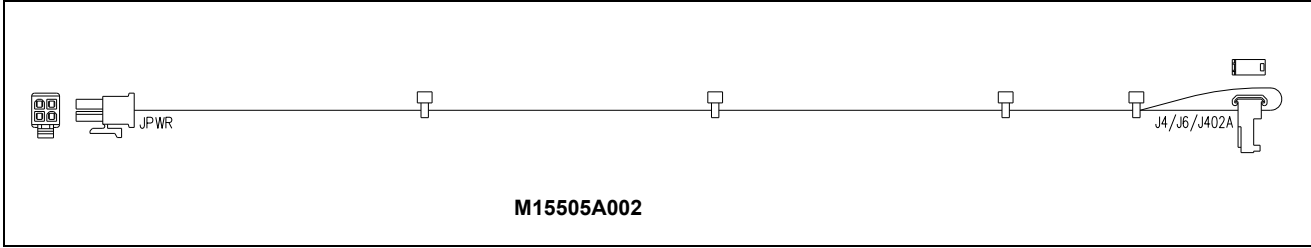
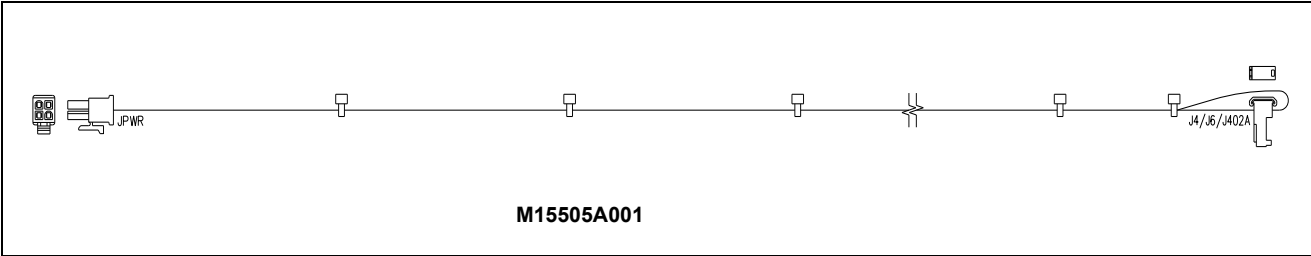


Atlas PRIME Cables



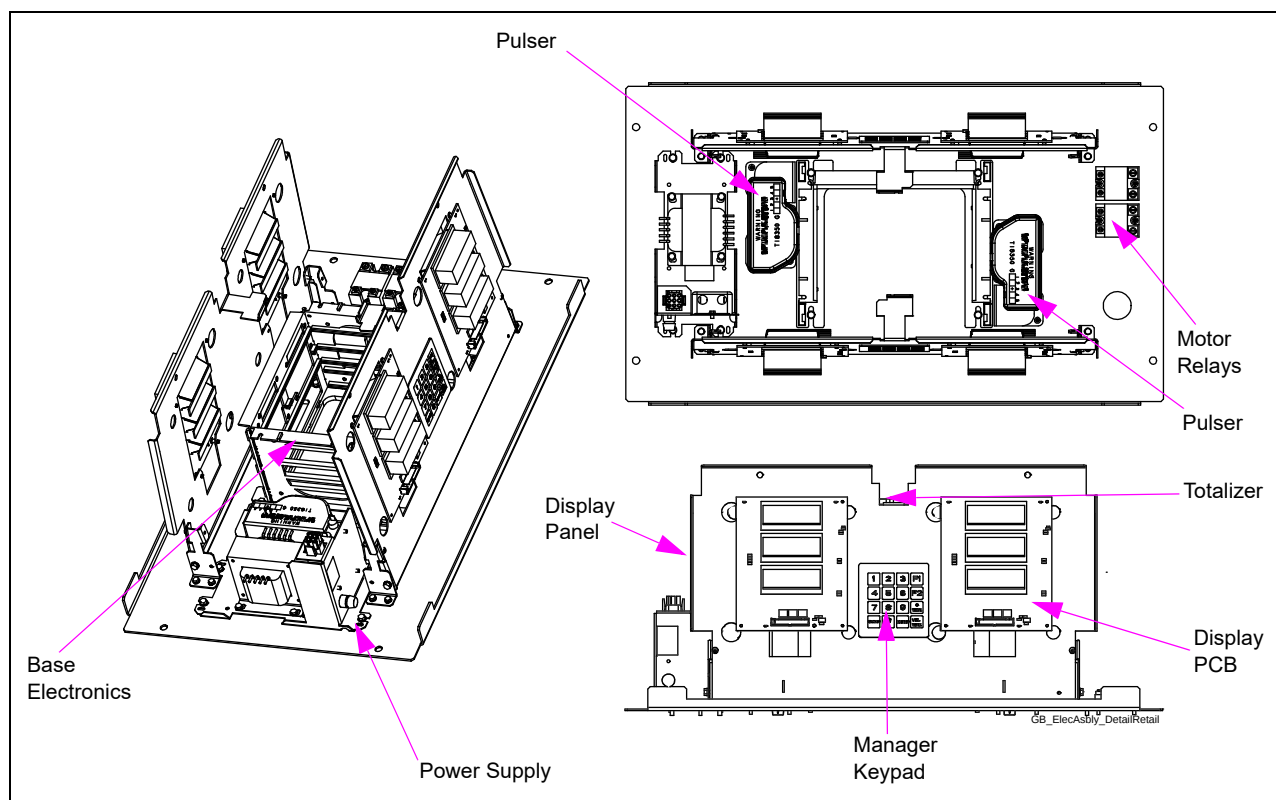




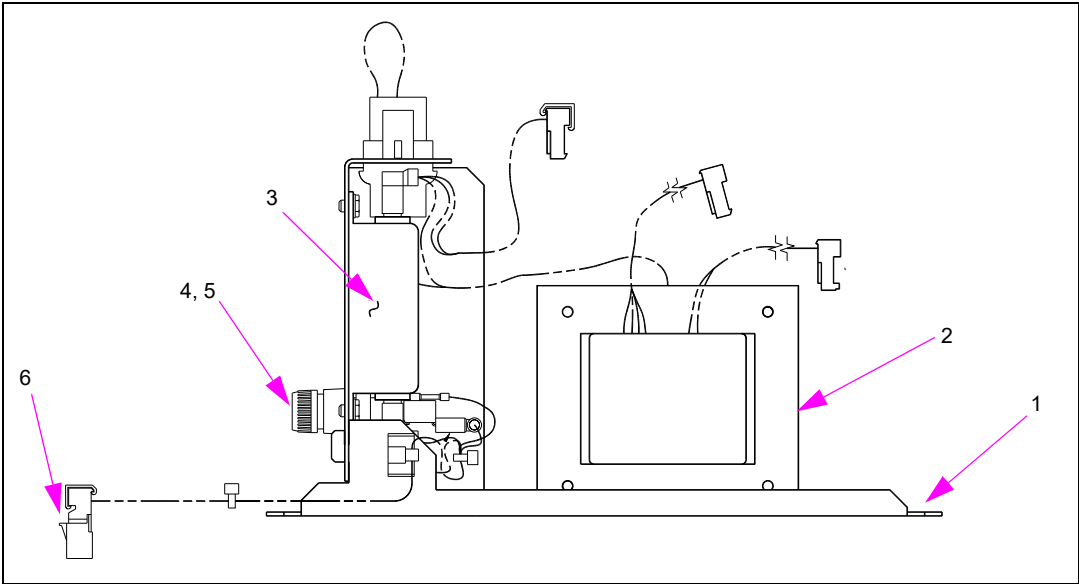


13 – Retail Electronics Section

Retail Electronics Assembly - CD Module

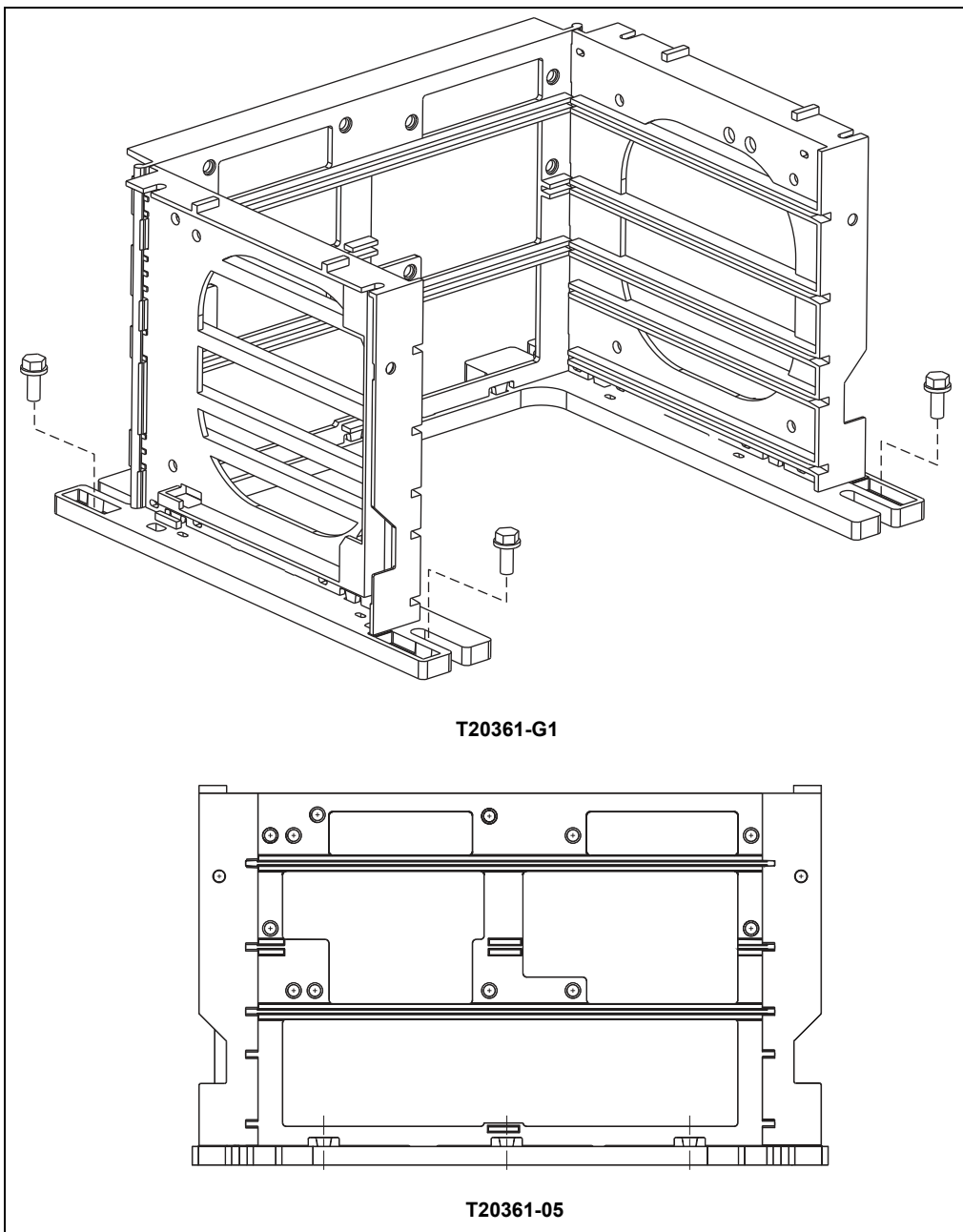


Power Supply



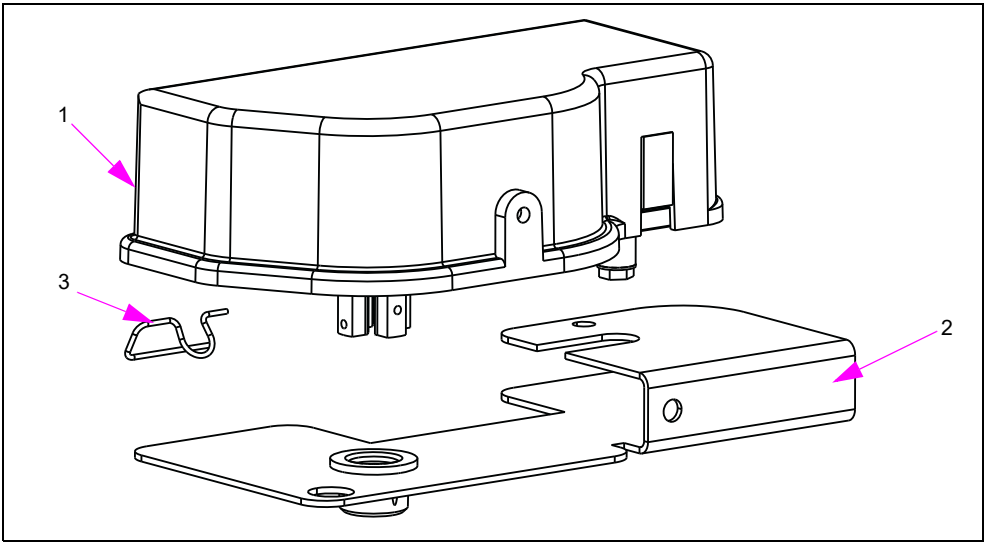
Item #	Part Description	Current Part	Previous Part	Quantity
Power Supply Assembly		T19868-G1	-	1
1	• Bracket, Power Supply	T19696-01	-	1
2	• Transformer, Sub-assembly	R20333-G1	-	1
3	• Filter	Q10895-07	-	1
4	• Fuse Holder Assembly	Q11781-01	-	1
5	• Fuse 3 A, 250 SB	Q10131-03	-	1
6	• Cable, Power Supply	R20283-G1	-	1
Not Shown				
-	Varistor Assembly	Refer to "Retail Cables" on page 15-1.		
-	Voltage Select Plug	Refer to "Retail Cables" on page 15-1.		

Card Cage Assembly



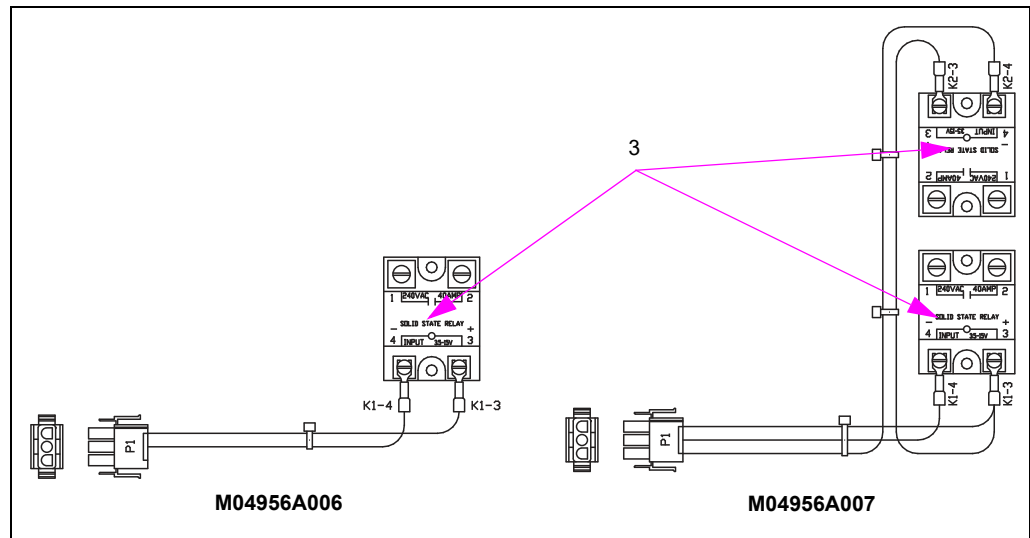
Item #	Part Description	Current Part	Previous Part	Quantity
1	Card Cage Assembly, Plastic	T20361-G1	-	1
2	Front Bracket	T20361-05	-	1

Pulser Assembly



Item #	Description	Current Part	Previous Part	Quantity
1	Assembly, Pulser	M04011B001	T18350-G3	1
2	Assembly, Pulser Supt Bracket	M04485A001	-	1
3	Spring Retainer Pulser Shaft	M01207B001	-	1

Motor Relays



Item #	Description	Current Part	Previous Part	Quantity
1	Motor Relay, Retail Single	M04956A006	M04956A001	1
2	Motor Relay, Retail Dual	M04956A007	M04956A002	1
3	Relay 24-280 VAC, 40A Solid State	Q11008-01	-	1

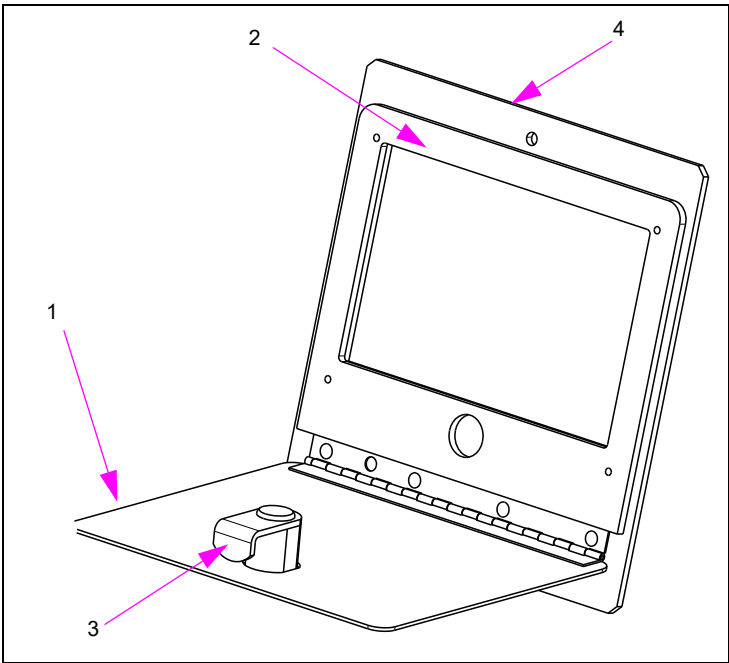
Main AC Conduit and Wire Assembly

Refer to [“Standard Cables”](#) on [page 15-1](#).

DC Conduit and Wire Assembly

Refer to [“Pulse-out Option”](#) on [page 15-7](#).

Keypad Assembly



Item #	Part Description	Current Part	Previous Part	Quantity
	Keypad Access Door Assembly (obsolete, see note)	M07851A001	-	1
1	• Door Keypad Access, Black	R15186-G2**N1	-	1
2	• Gasket, Door	R15181	-	1
3	• Cylinder Lock	Q12928-02	-	1
4	• Mounting Hinge Plate	M04808B001	-	1
Note: M07851A001 has been replaced by the ATL Bezel Kit. Contact a Gilbarco representative before placing order.				

Electro-mechanical Totalizers

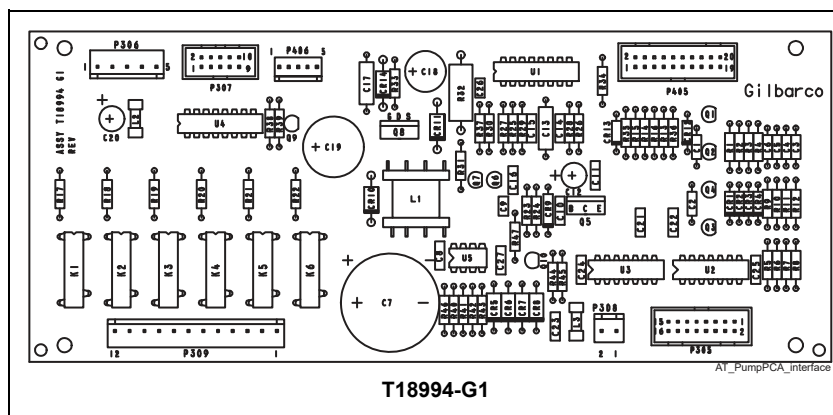
Refer to “Standard Cables” on [page 15-1](#).

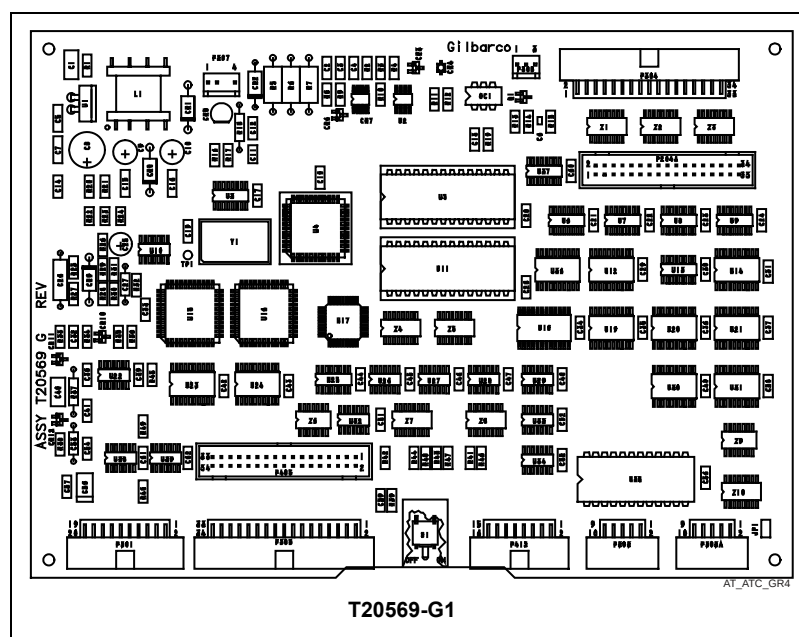
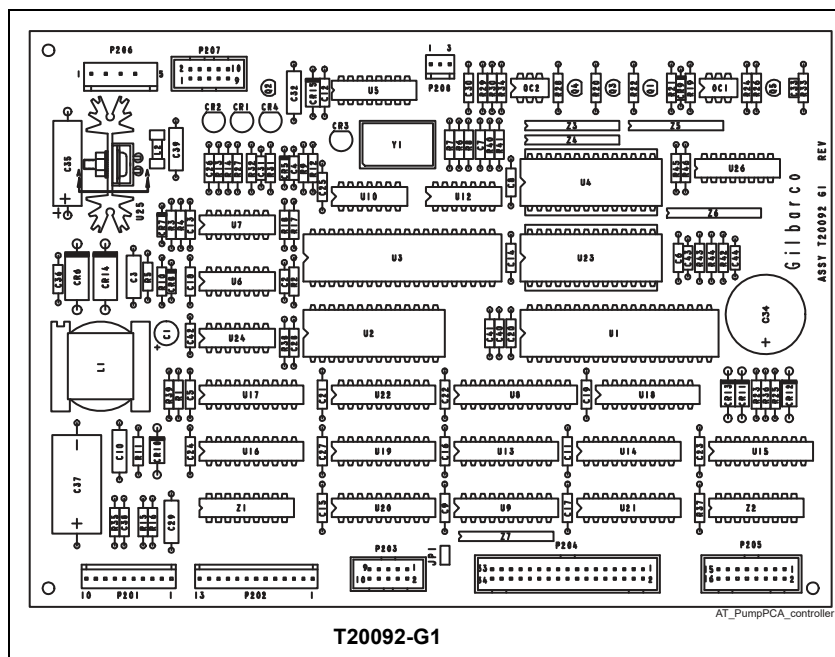
14 – Retail PCBs

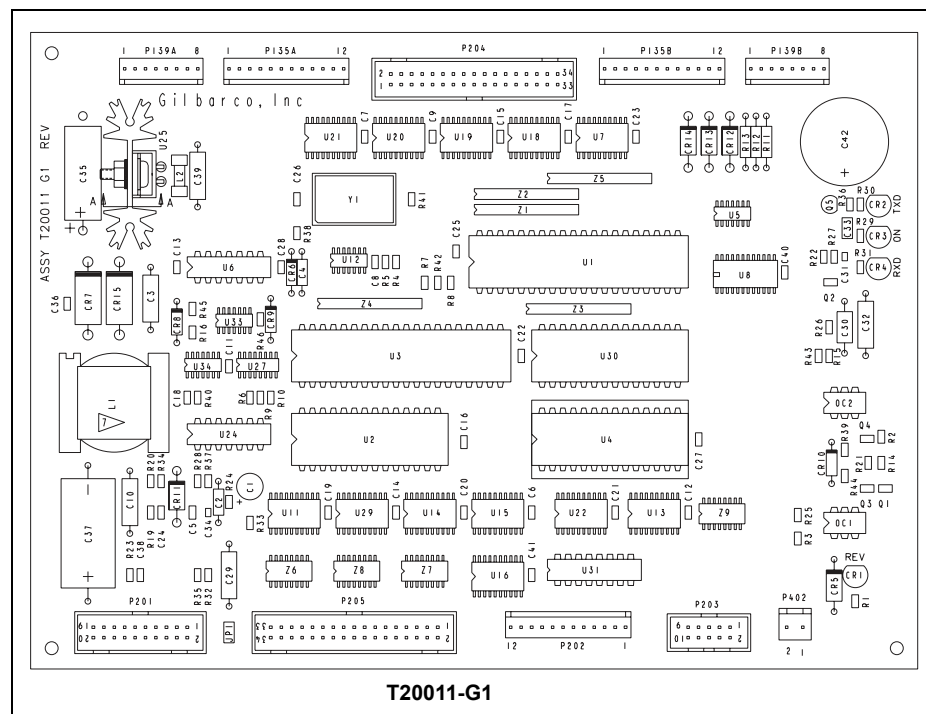
Electronic Retail PCBs

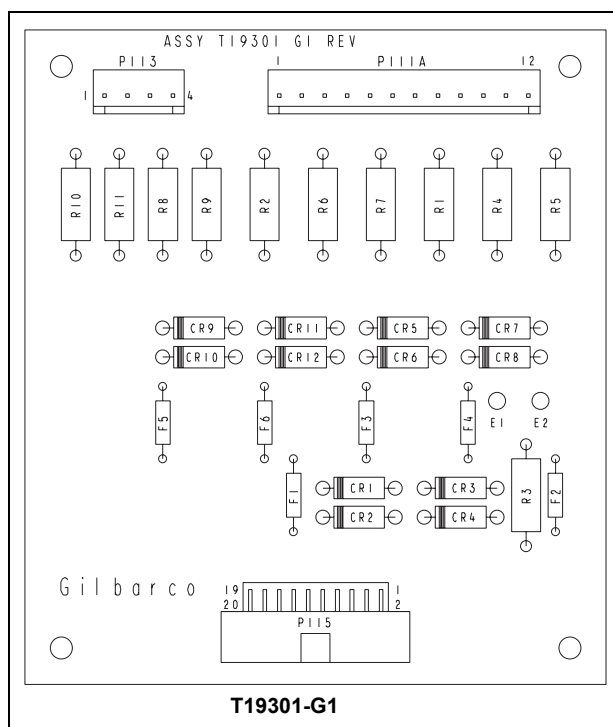
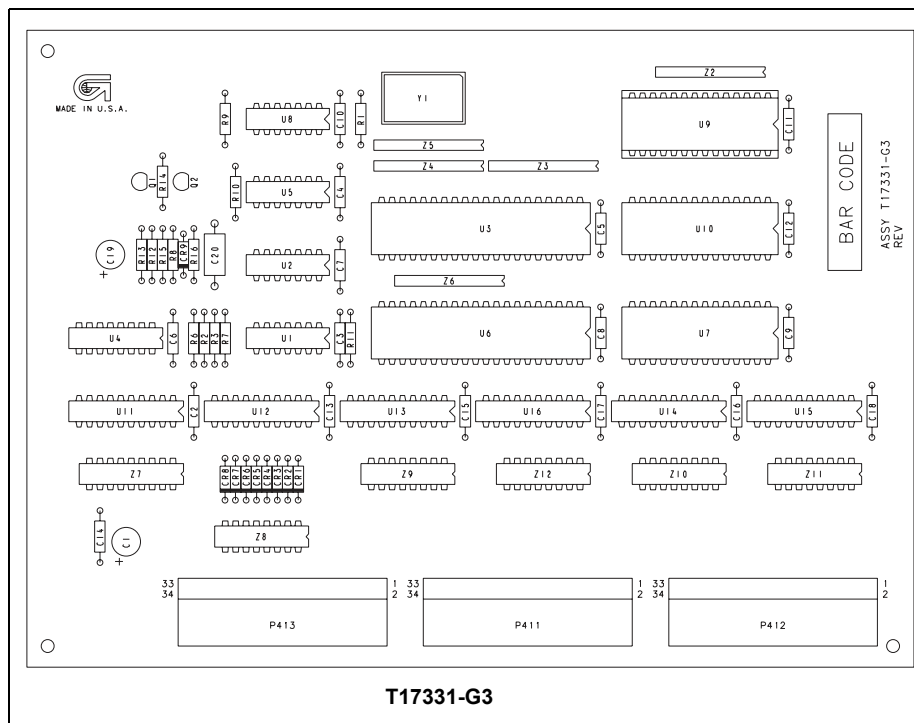
Part Description	Where Used	Current Part	Previous Part	Quantity
PCA, Pump Interface	1, 2, 3, 4	T18994-G1	-	1 per Unit
PCA, Pump Controller	1, 2, 3, 4	T20092-G1	-	1 per Unit
PCA, Optimum ATC Grade 4	2, 4	T20569-G1	-	1 per Unit
PCA, Pump Interface, Retail Pulse-out	5	M05200A001	-	1 per Unit
PCA, Pump Controller	5	T20011-G1	-	1 per Unit
PCA, Programmable Pump Preset (PPP)	3, 4	T17331-G3	-	1 per Unit
PCA, Front-load I.S. Barrier	6	T19301-G1	-	1 per Unit
Where Used: All = All Electronic Retail Units 1 = Standard Electronic Retail Units 2 = Electronic Retail Units with ATC 3 = Electronic Retail Units with PPP 4 = Electronic Retail Units with ATC and PPP 5 = Electronic Retail Units with Pulse-out 6 = Electronic Retail Units with Front-load Nozzle Boot				

See the following Electronic Retail PCB graphics:

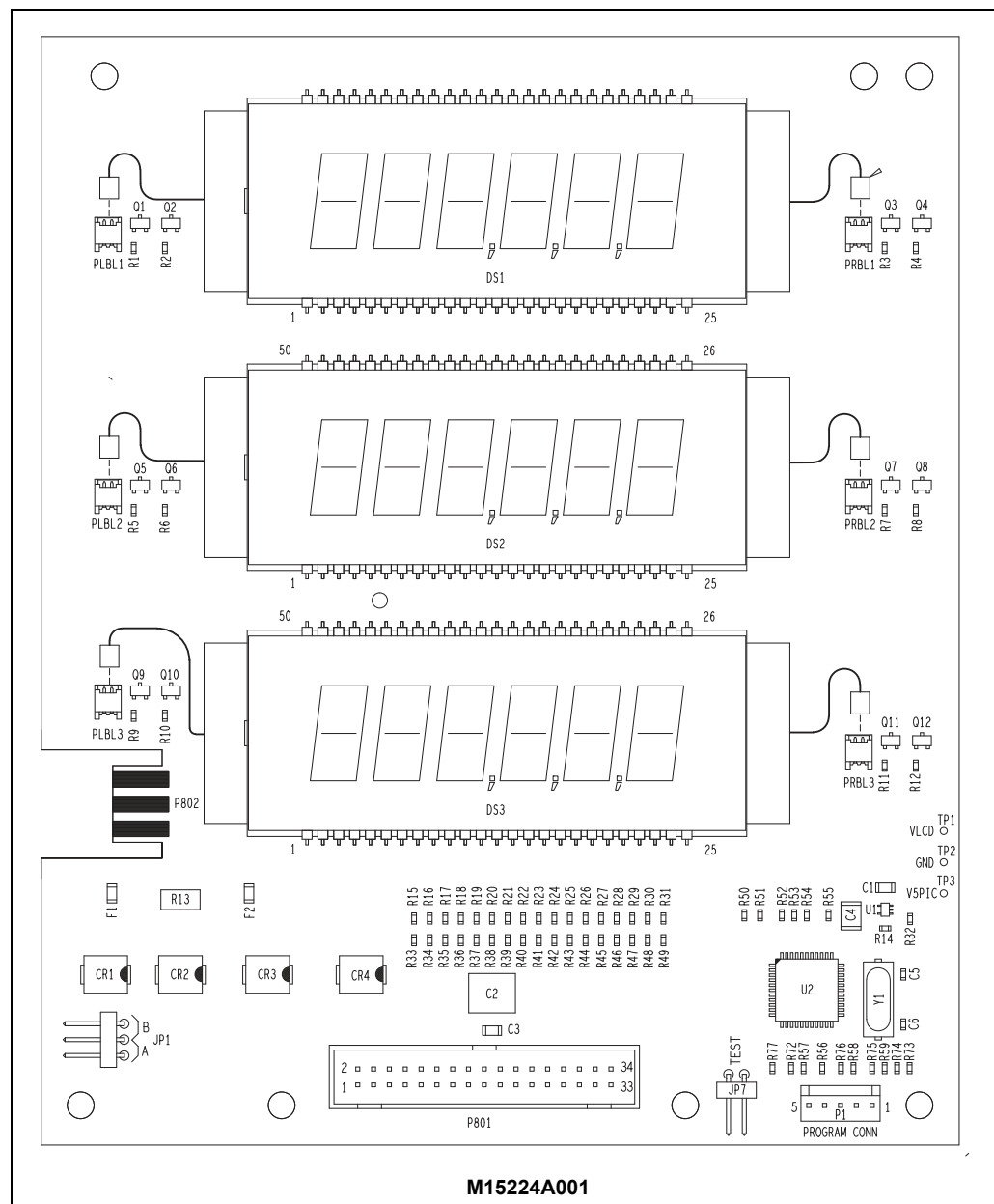


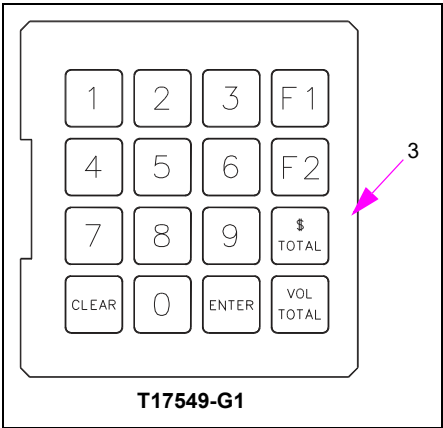
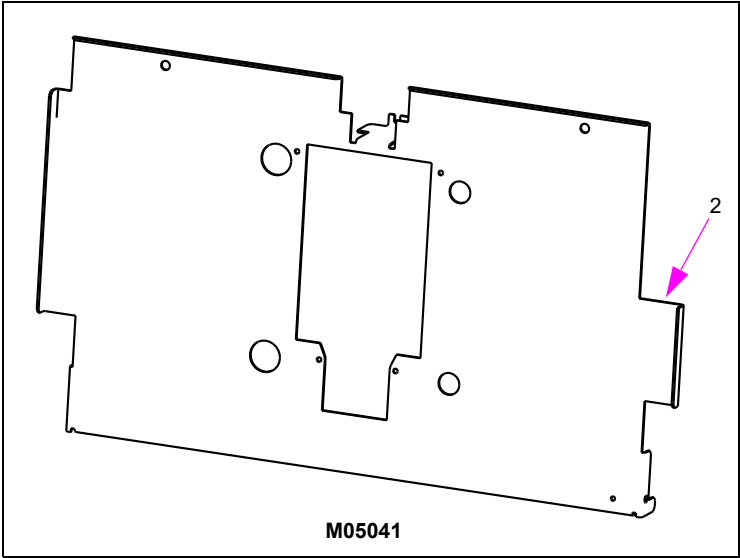






Displays and Display Panels

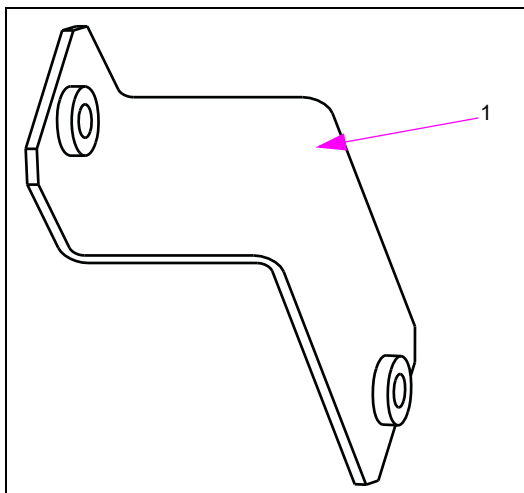




Item #	Part Description	Current Part	Previous Part	Quantity
1	PCB, LCD Main Display	M15224A001	T18981-G1	2 per Meter
2	Display Panel Single	M05041B001	-	1 per Side
	Display Panel Dual	M05040B001	-	1 per Side
3	Manager Keypad	T17549-G1	-	1 per Unit

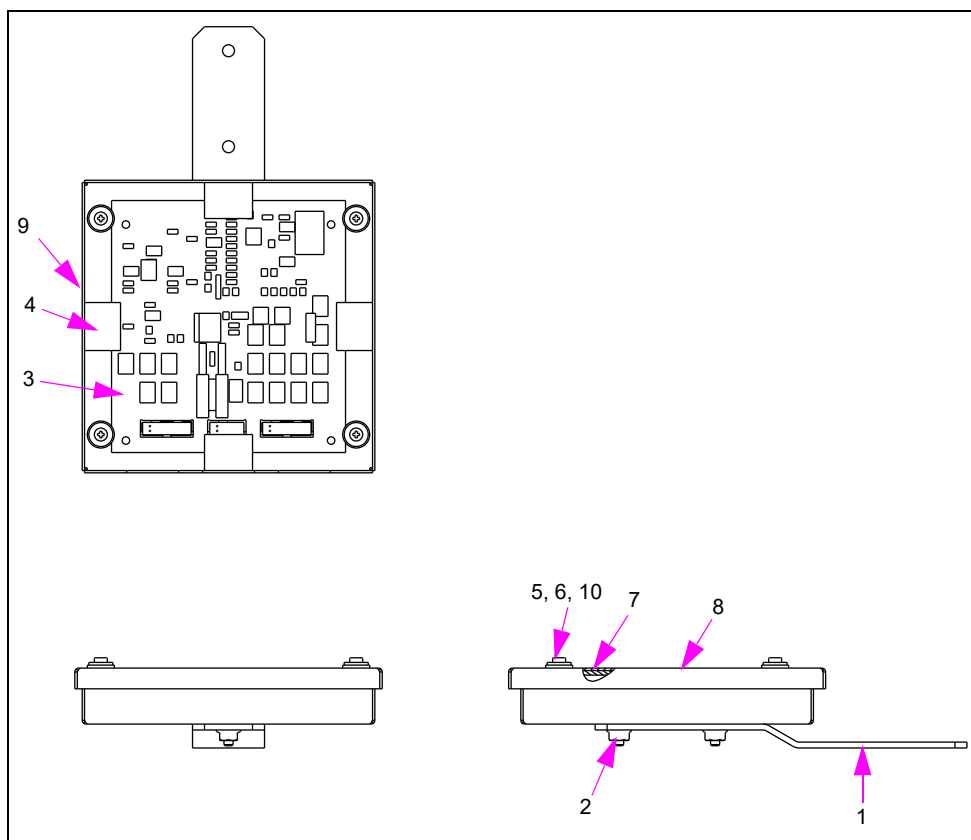
Note: T17622-G9 is obsolete.

Display Panel Stop Bracket



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bracket, PC Board Support	M05611A002	M05611A001	1

ATC T-Meter Module



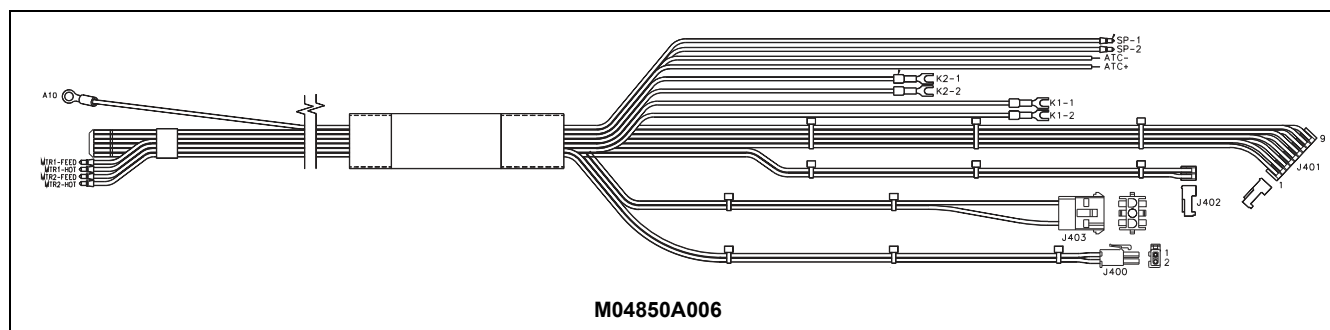
Item #	Part Description	Current Part	Previous Part	Quantity
T-Meter Module		T19405-G4	-	1
1	• Bracket, T-Meter Module Mounting	M05625B001	-	1
2	• Nut Hexagonal Flanged #10-32	Q11890-03	-	2
3	• PCB Assembly, T-Meter	T19386-G1	-	1
4	• Ribbon Cable Support Block	N23616-02	-	4
5	• Screw, Self Locking PPDH 6-32 X 0.38	K93293-06	-	4
6	• Spacer/Washer Tabulation	Q10385-32	-	4
7	• T-Meter Housing Cover Gasket	R20129-01	-	1
8	• T-Meter Module Cover	T19397-01	-	1
9	• T-Meter Module Housing	T19319-G2	T19319-G1	1
10	• Washer, Flat 0.149 X 0.500 X 0.056	N16599-48	-	4
Not Shown				
-	• Cable Assembly, T-Meter I.S. Barrier	R20147-G1	-	1
-	• Cable Assembly, T-Meter Probe	R20148-G3	-	2

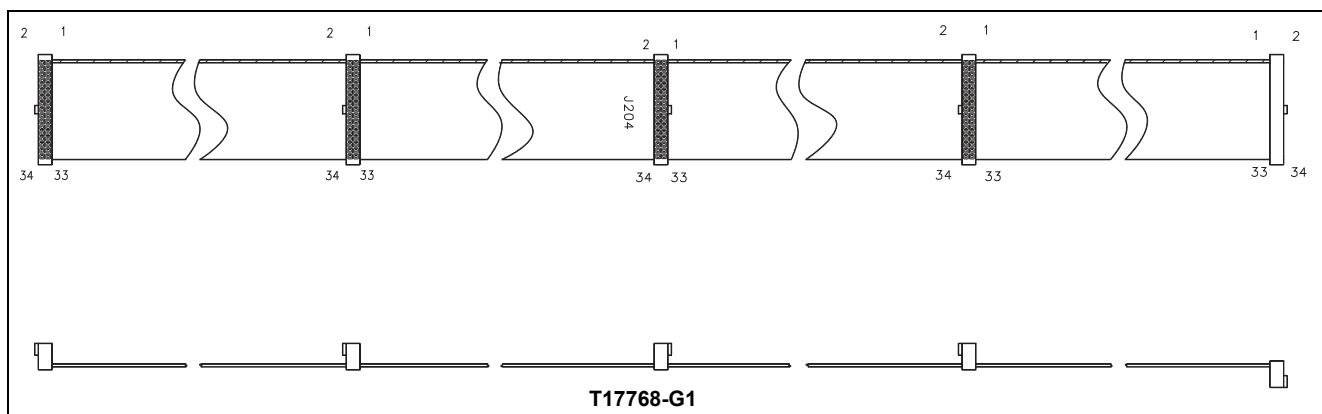
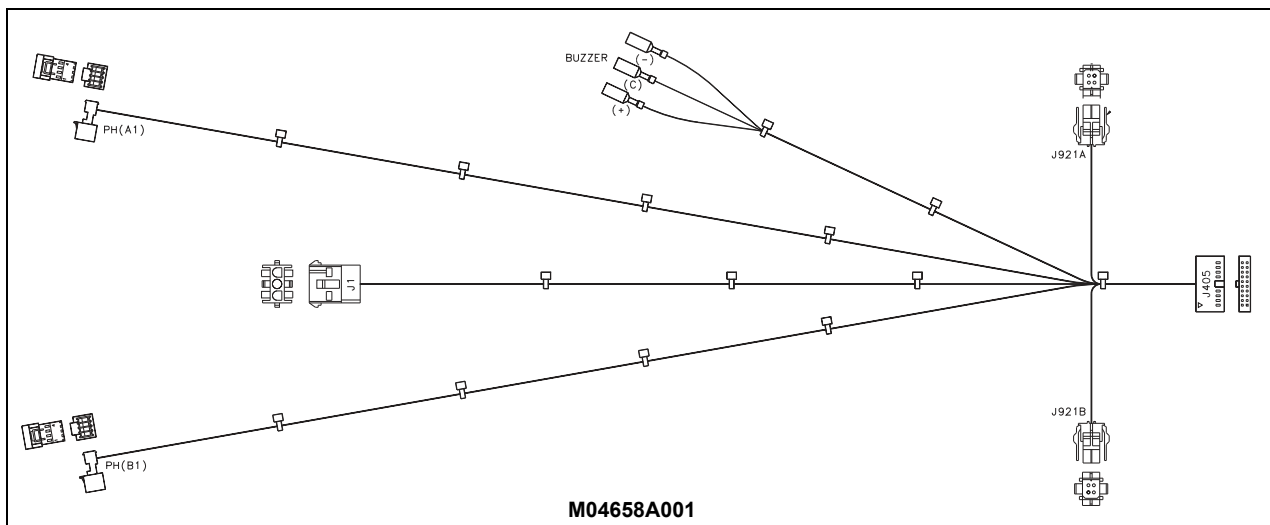
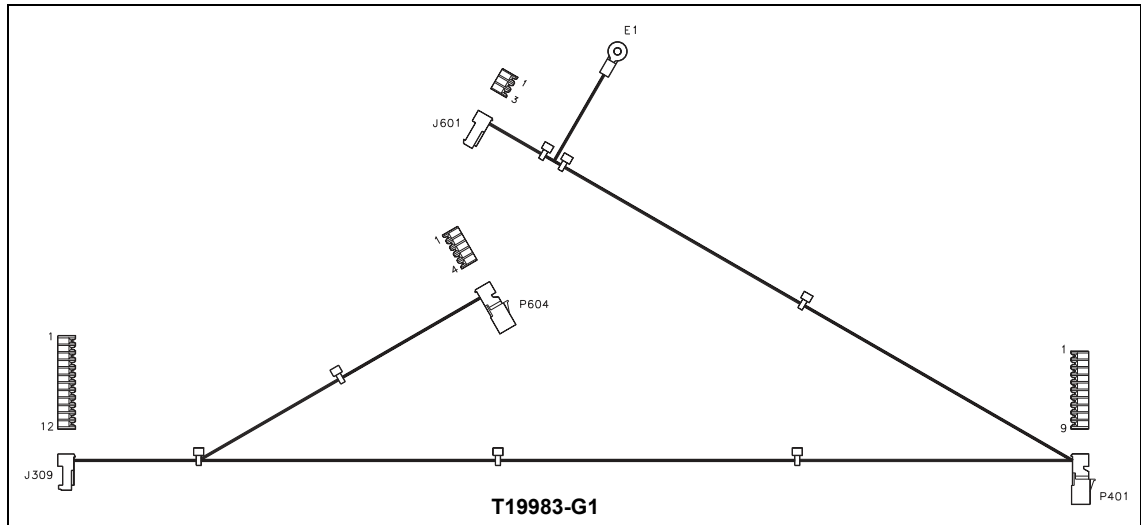
15 – Retail Cables

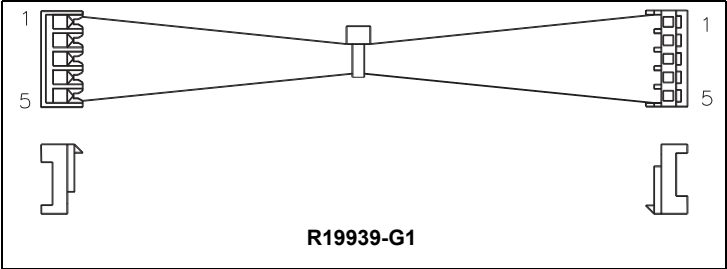
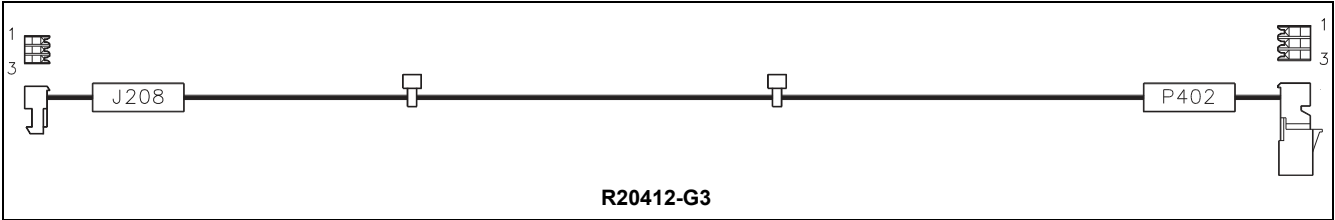
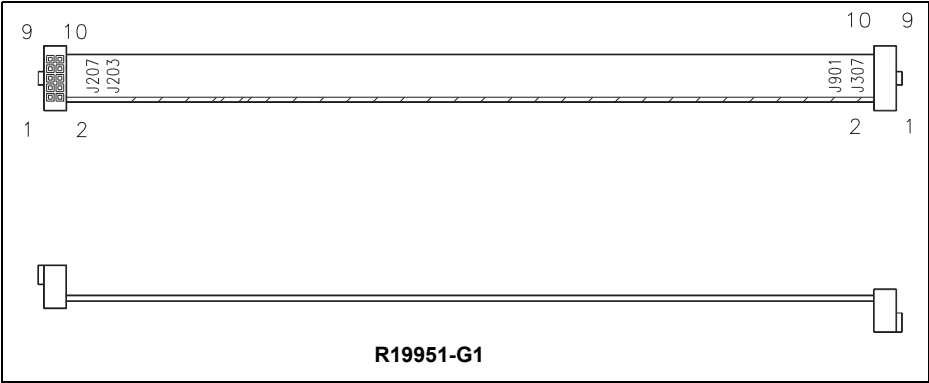
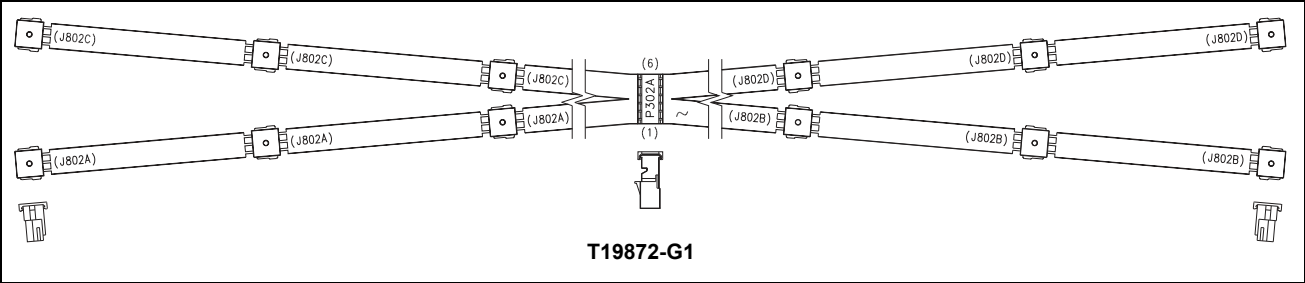
Note: For cable block diagrams, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

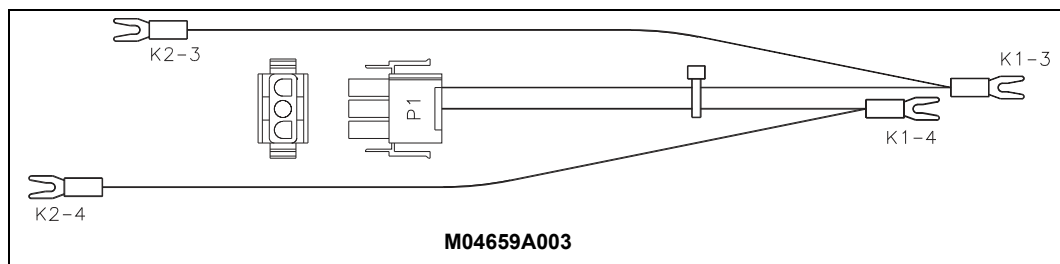
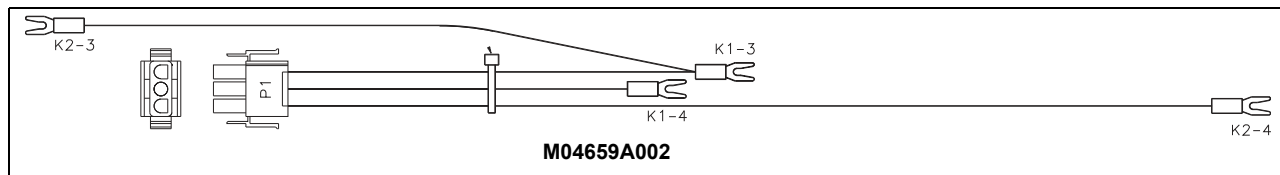
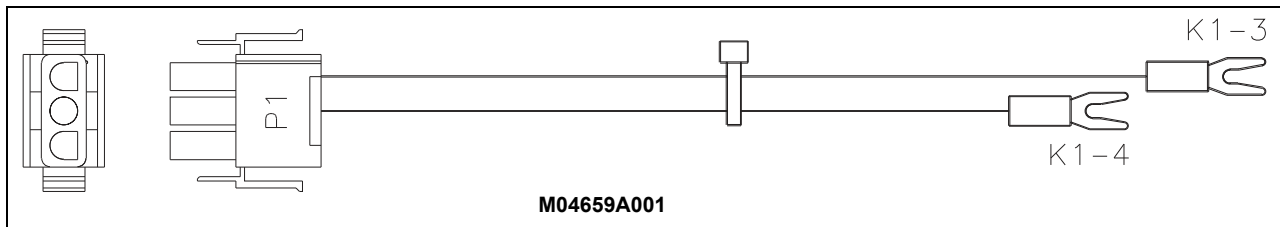
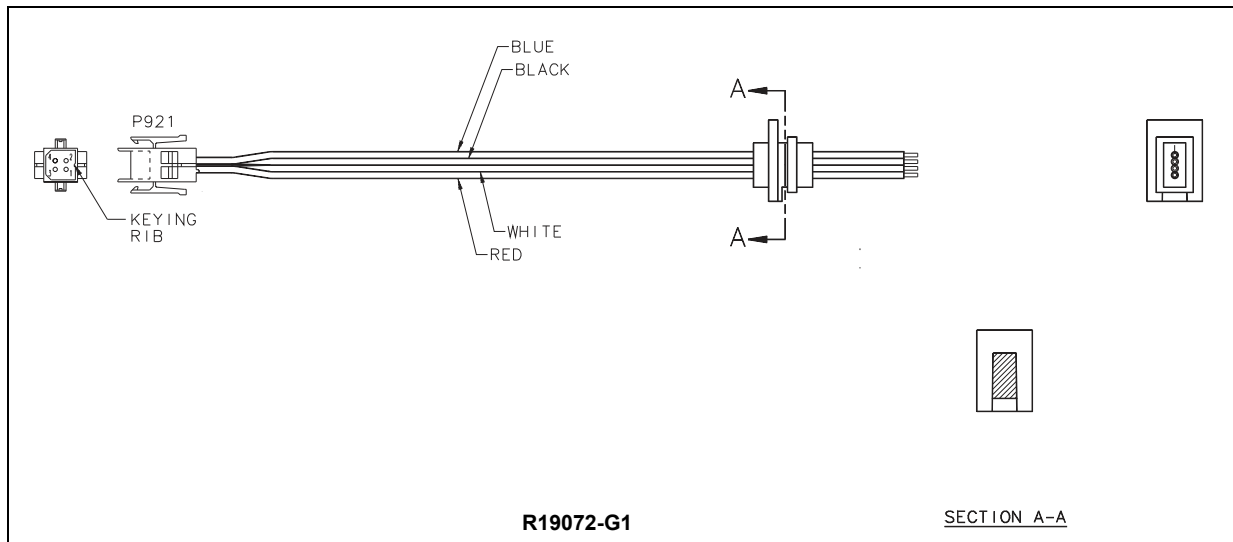
Standard Cables

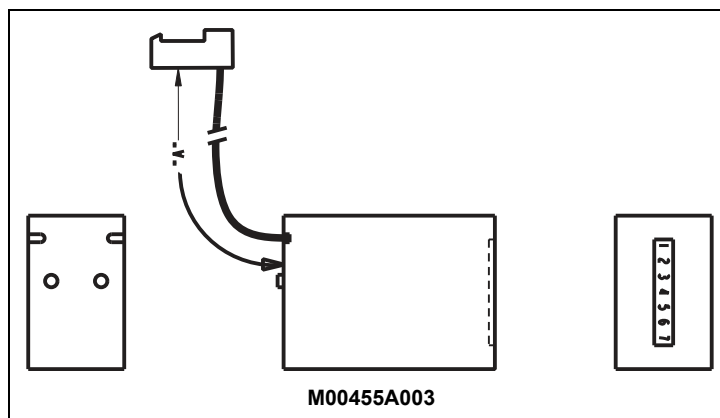
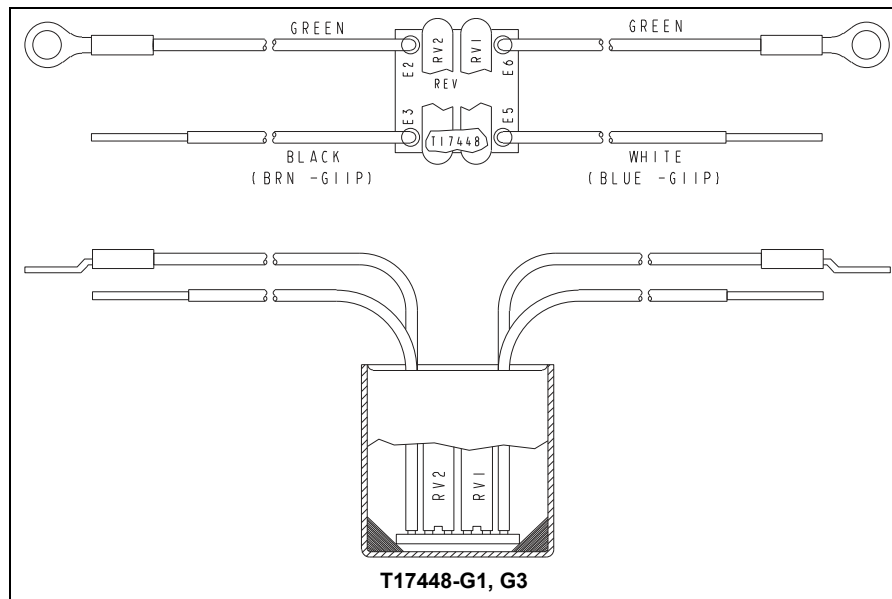
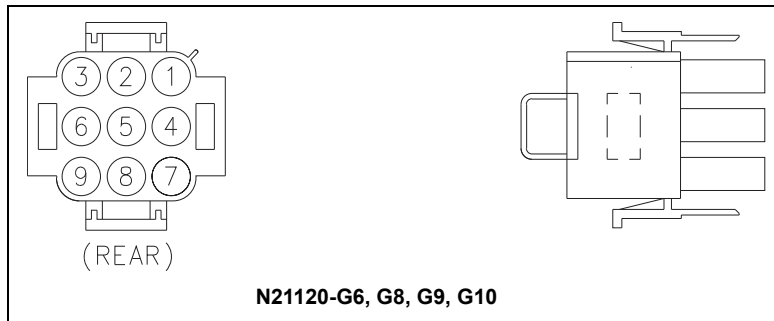
Part Description	Current Part	Previous Part
Main AC Power Cable and Conduit Assembly	M04850A006	-
Main AC Cable	T19983-G1	-
Main DC Interface Cable (obsolete, see note)	M04658A001	-
LCD Main Display Cable	T17768-G1	-
Backlight Cable	T19872-G1	-
Manager Keypad Cable and Controller to Interface Cable	R19951-G1	-
Cable Two-wire Assembly	R20412-G3	-
Controller to Interface Cable	R19939-G1	-
Pulser Cable	R19072-G1	-
Motor Relay Cable 115 V	M04659A001	-
Motor Relay Cable 230 V	M04659A002	-
Motor Relay Cable 380 V	M04659A003	-
Power Select Plug for 115 V Power Supply	N21120-G6	-
Power Select Plug for 220 V Power Supply	N21120-G8	-
Power Select Plug for 230 V Power Supply	N21120-G9	-
Power Select Plug for 240 V Power Supply	N21120-G10	-
Varistor Assembly 115 V	T17448-G1	-
Varistor Assembly 230 V	T17448-G3	-
Electro-mechanical Totalizer	M00455A003	-
Totalizer Retail Atlas Cable	M04889A001	-
Display Panel Ground Cable Assembly (standard)	C06454	-
Front-load Conduit and Cable Assembly	M05969A002	-
Not Shown		
Audio Transducer	Q11763-01	-
Magnet, Actuator	Q12514-02	-
<i>Note: No replacement.</i>		

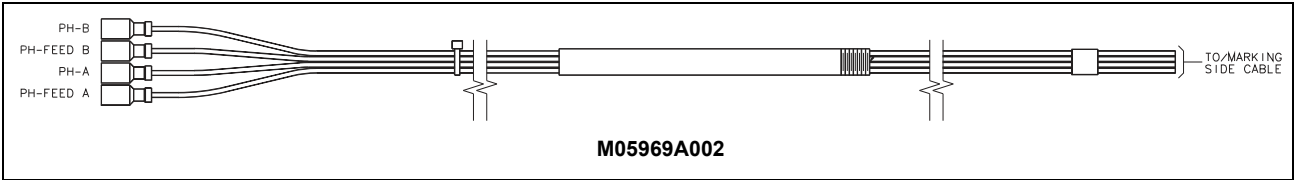
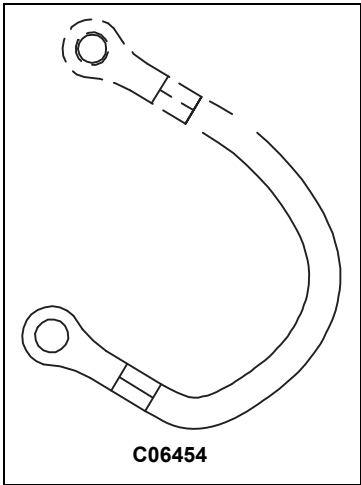
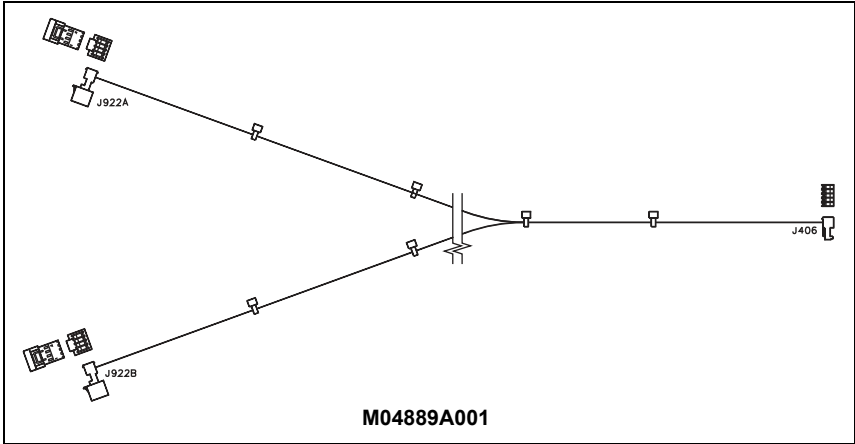








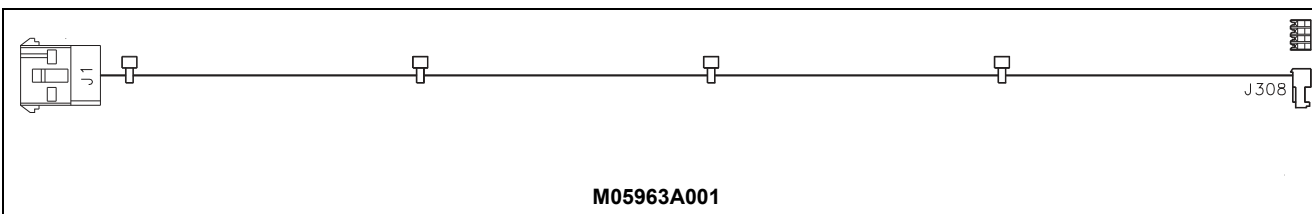
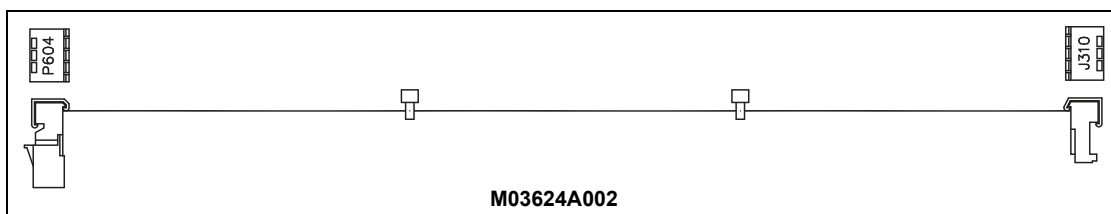
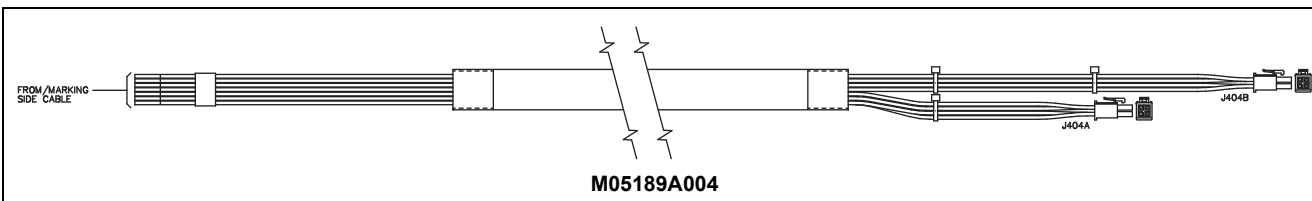


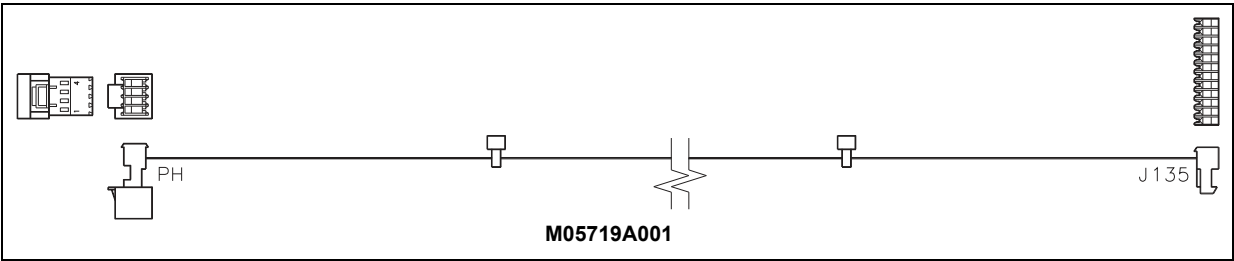
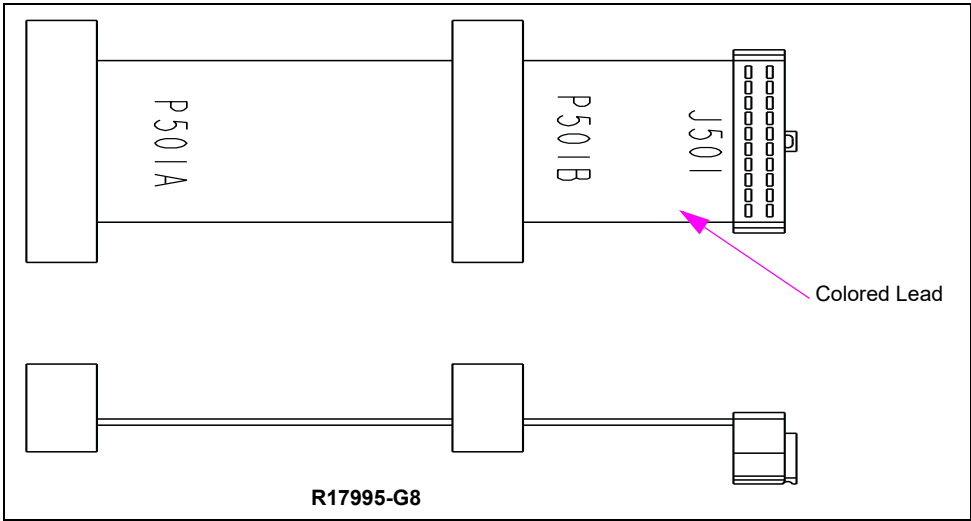
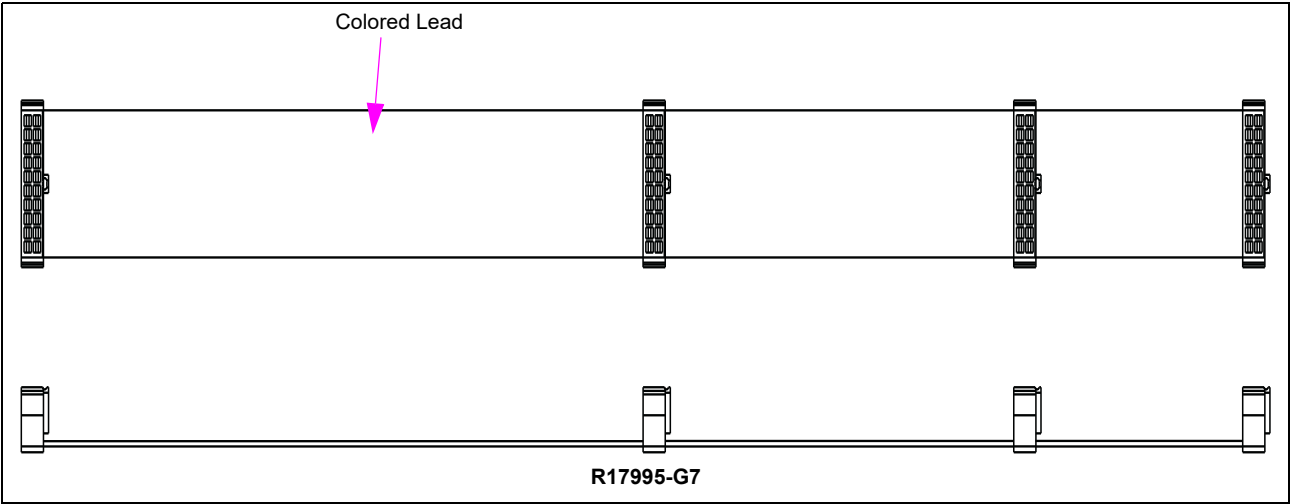


Pulse-out Option

Note: For cable block diagrams, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

Part Description	Current Part	Previous Part
DC Power Cable and Conduit Assembly, Pulse-out	M05189A004	-
Valve Feed Cable, Pulse-out	M03624A002	-
Relay Adapter Cable, Pulse-out	M05963A001	-
Reg/Logic Cable Assembly (see note 1)	R17995-G7	-
Reg/Logic Cable Assembly (see note 2)	R17995-G8	-
Pump Handle Cable	M05719A001	-
Notes: 1. Used with Pulse-out, Pulse-out and PPP, or Pulse-out and ATC. 2. Used with Pulse-out, PPP and ATC.		

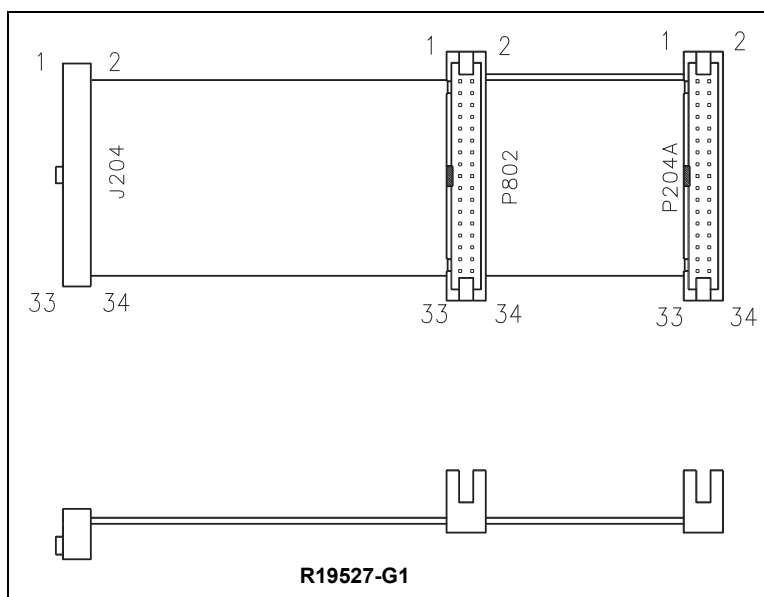


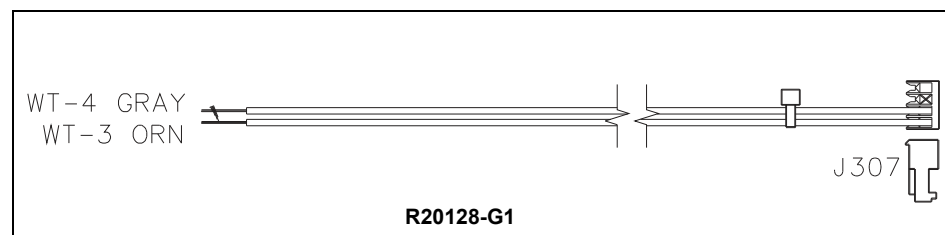
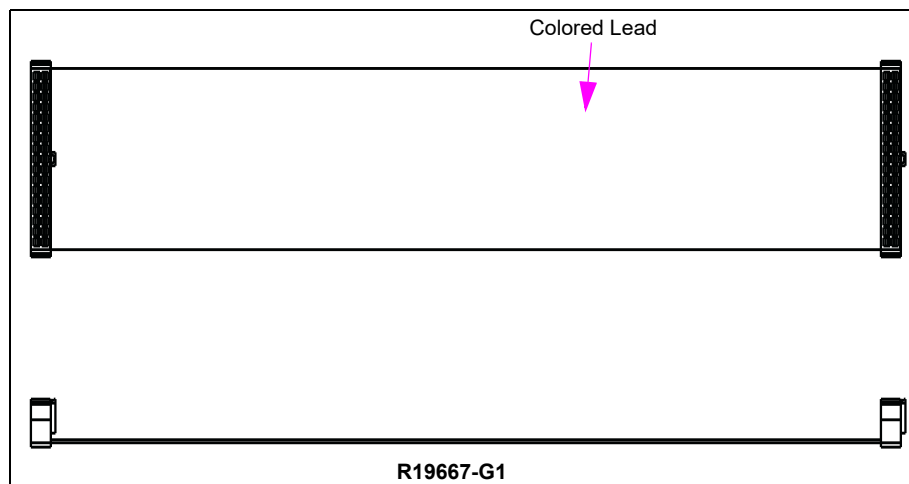
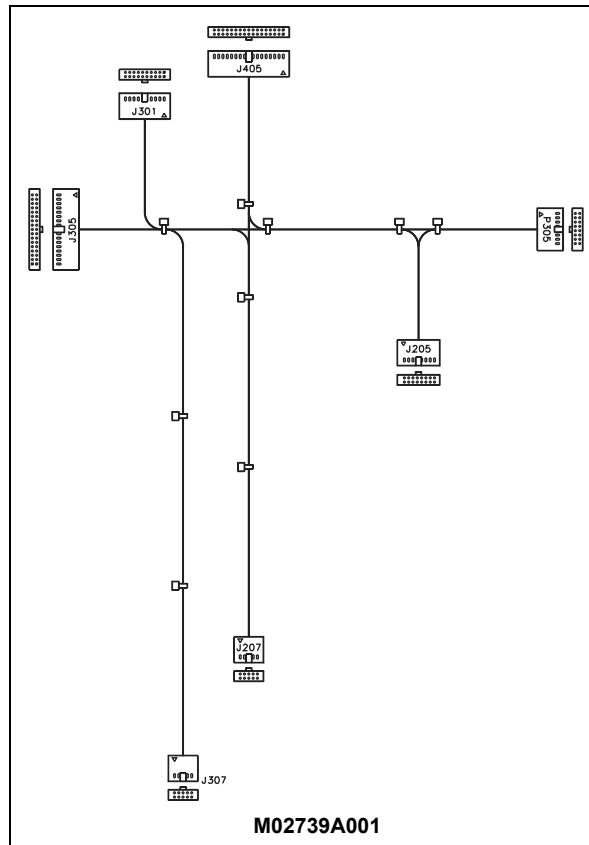


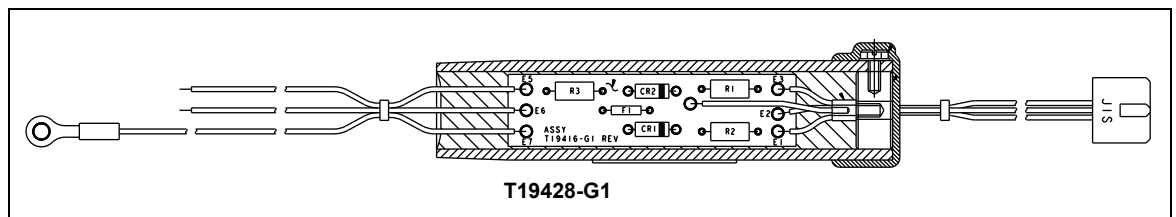
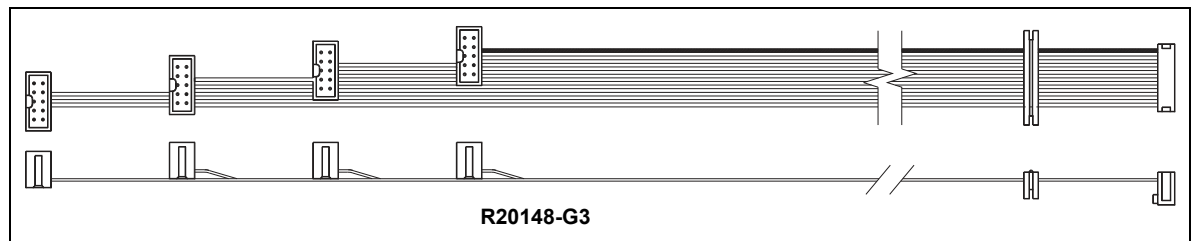
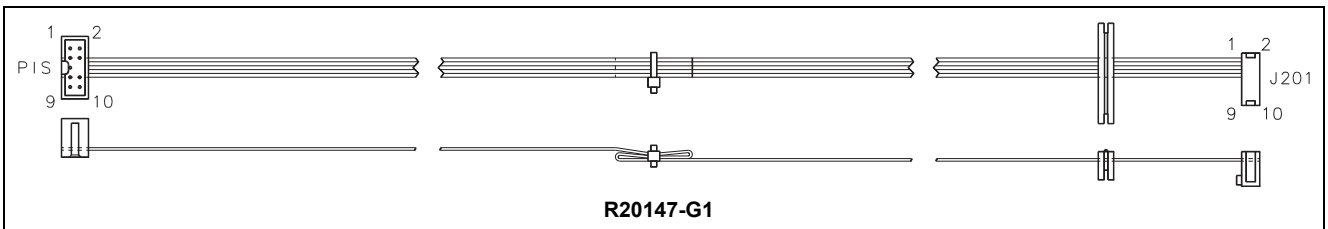
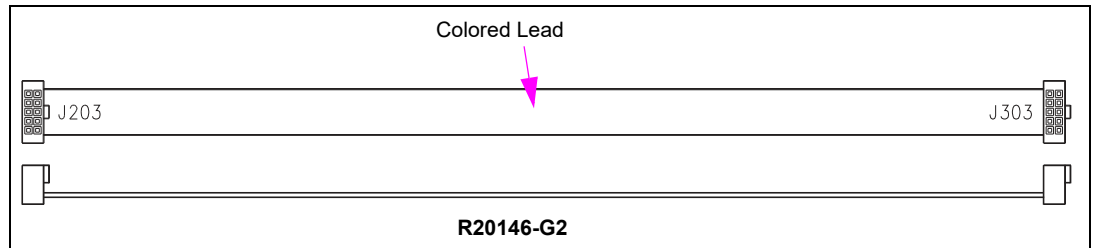
ATC Option

Note: For cable block diagrams, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

Part Description	Current Part	Previous Part
Calibration Switch Cable (also used in PPP Location)	R19527-G1	-
Main Interface ATC Cable	M02739A001	-
Pump Controller to ATC Control Cable	R19667-G1	-
Power Data Cable	R20128-G1	-
Keypad Interface Cable	R20146-G2	-
T-Meter Cable Assembly (I.S. Barrier)	R20147-G1	-
T-Meter Cable (Meter Probe)	R20148-G3	-
I.S. Barrier - ATC Retail	T19428-G1	-
RTD Probe and Thermowell	Refer to "Upper Hydraulics - Meter, Manifold, and Valve" on page 6-1.	-



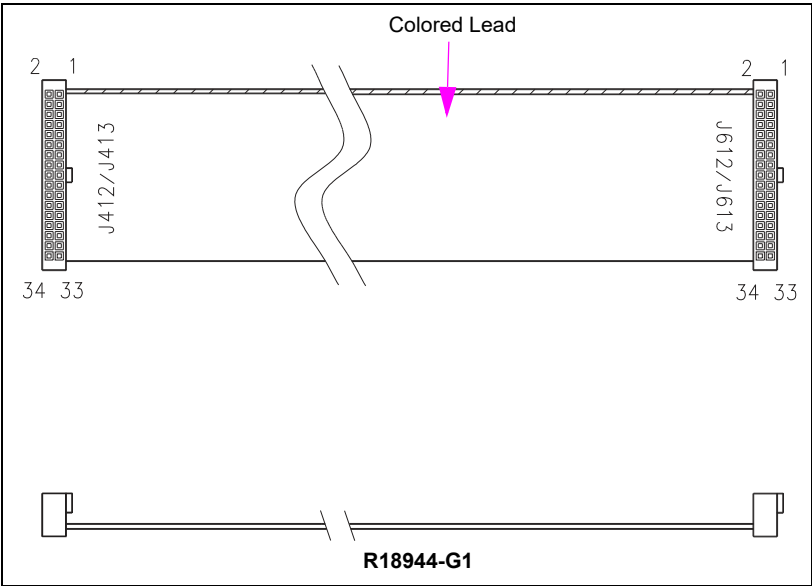
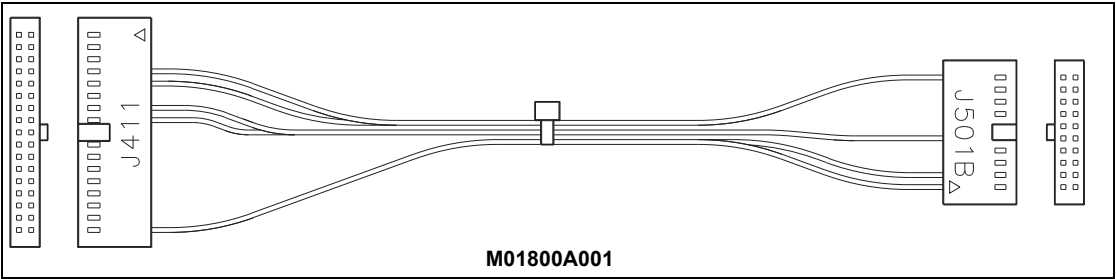
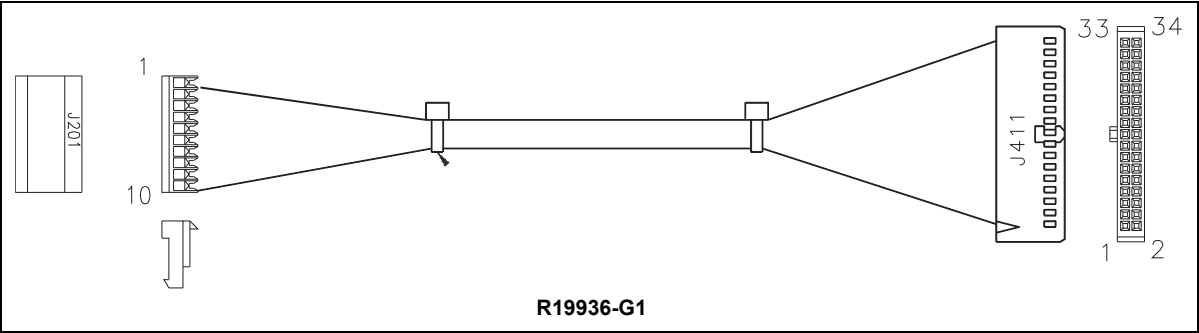




PPP Option

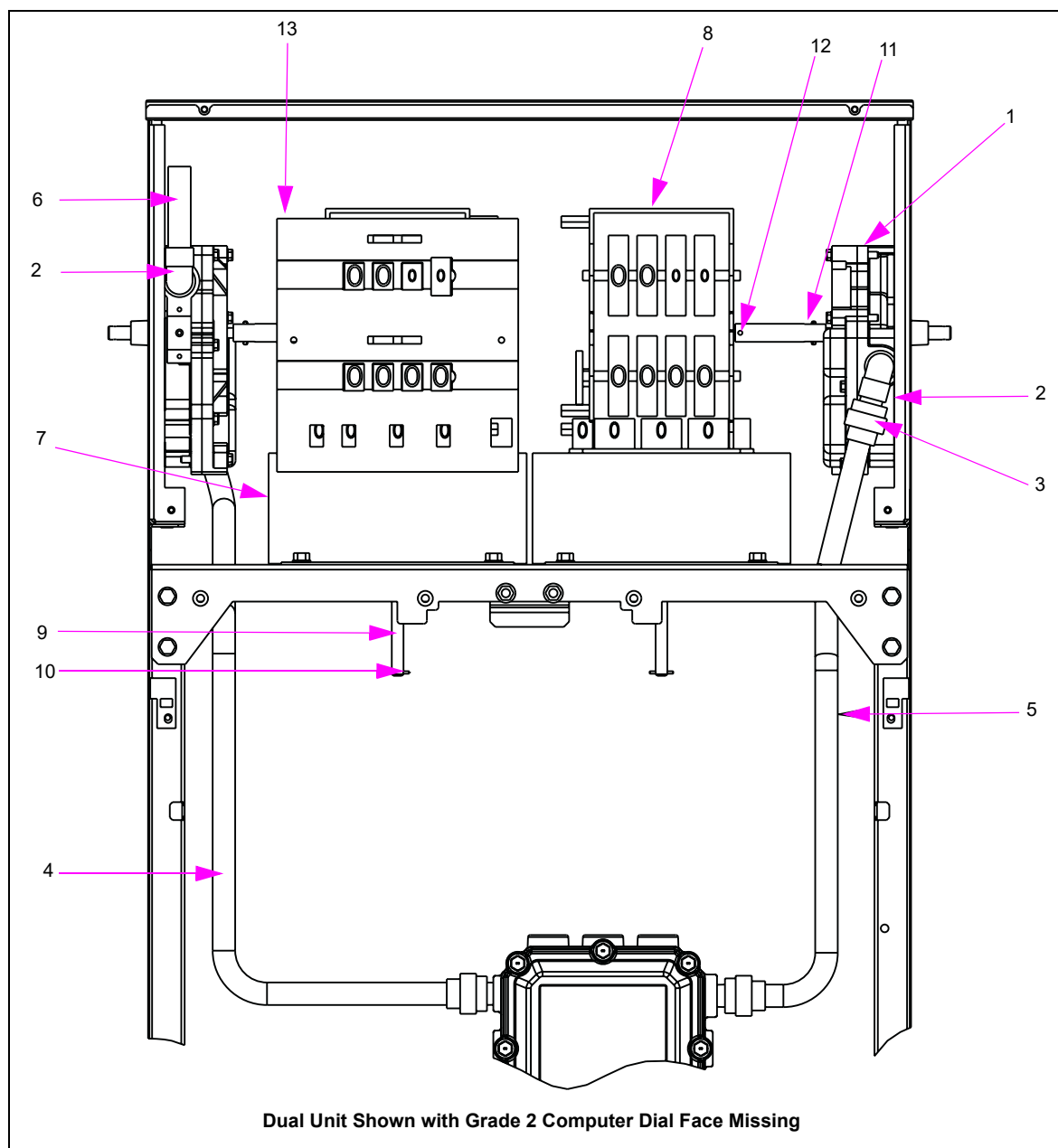
Note: For cable block diagrams, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

Part Description	Current Part	Previous Part
Controller to PPP Cable	R19936-G1	-
PPP Cable	M01800A001	-
Display Cable	R18944-G1	-



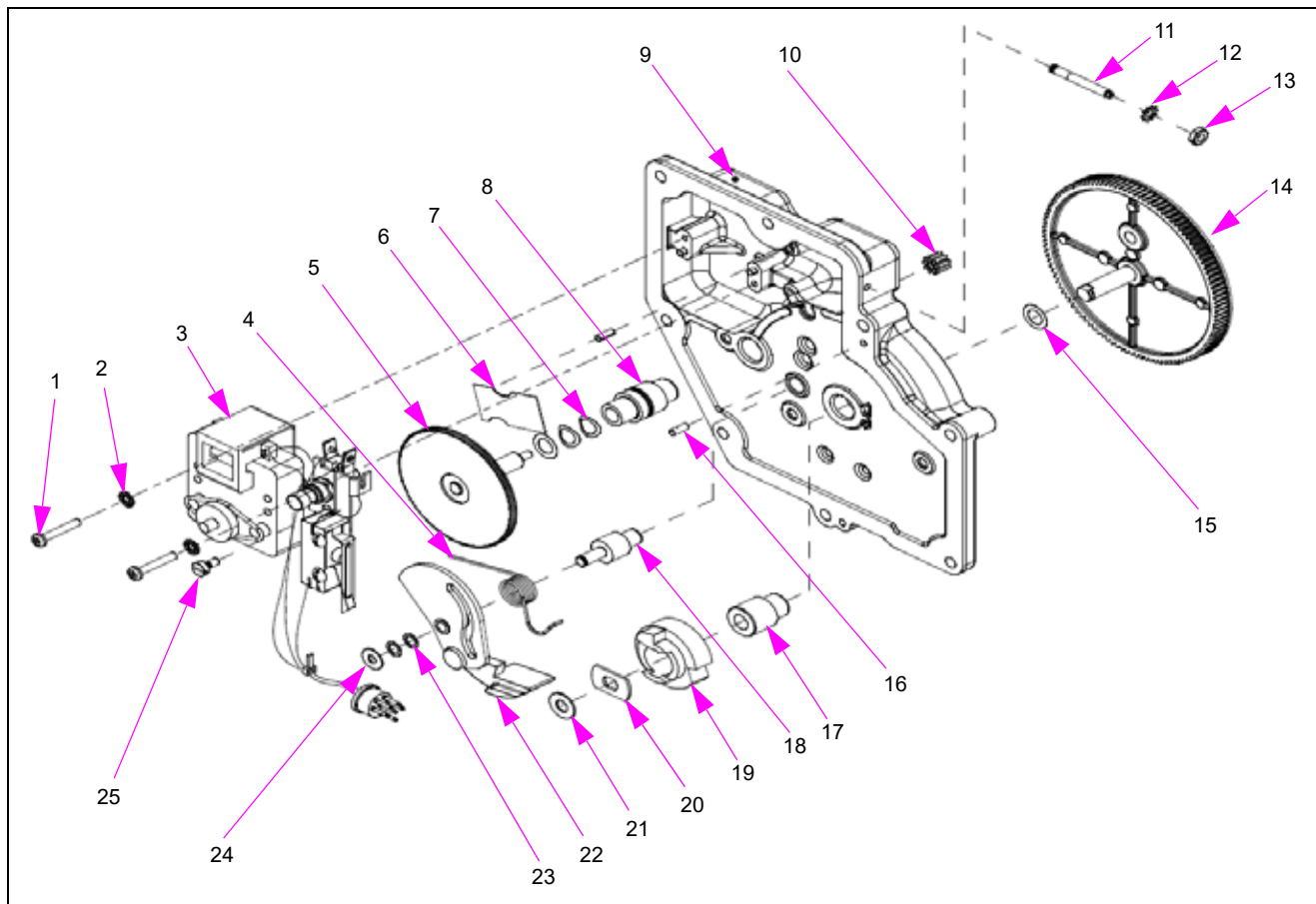
16 – Mechanical Computer and Reset Section

Registers, Resets, Linkage, and Conduit - No Electric Keytrol



Item #	Part Description	Current Part	Previous Part	Quantity
1	Electric Reset - 110 V/60 Hz Unlighted	M09919A101	048568	1 per Meter
	Electric Reset - 230 V/60 Hz Unlighted	M09919A203	-	
	Electric Reset - 230 V/50 Hz Unlighted	M09919A201	-	
	Manual Reset - Unlighted	G048662	-	
	Electric Reset - 110 V/60 Hz Lighted	M09918A101	-	
	Electric Reset - 230 V/60 Hz Lighted	M09918A201	-	
	Electric Reset - 230 V/50 Hz Lighted	M09918A202	-	
	Manual Reset - Lighted	G049022	-	
2	Elbow, 1/2 X 90 M X F	K42448	-	1 per Meter
3	Union, Conduit - 1/2 inch	Q10016-04	-	1 per Meter
4	Reset Conduit - 1 Grade	M05121B001	-	1
5	Reset Conduit - 2 Grade	M05122B001	-	1
6	Nipple, Conduit 1/2 X 3-1/2 inch	R11976-54	-	1
7	Plate, Computer Mounting	M04265B001	-	1 per Meter
8	Register, Commercial (Volume) Gallons	G021079	-	1 per Meter
	Register, Commercial (Volume) Liters	G021071	-	
	Register, Retail (Money) Gallons	G021009	-	
	Register, Retail (Money) Liters	G021065	-	
9	Shaft, Drive VR Compt to Meter	M05143B001	-	
10	Groove Pin Tyoe E 3-/32 X 7/8	G042115	-	1 per Meter
11	Coupling, Electric Reset	G022605	-	1 per Meter
12	Tapered Groove Pin 1/8 Dia X 1.00	K42757-31	-	1 per Meter
13	Computer Dial Face, Commercial (Volume)	G025548	-	2 per Register
	Computer Dial Face, Retail (Money)	G025777	-	

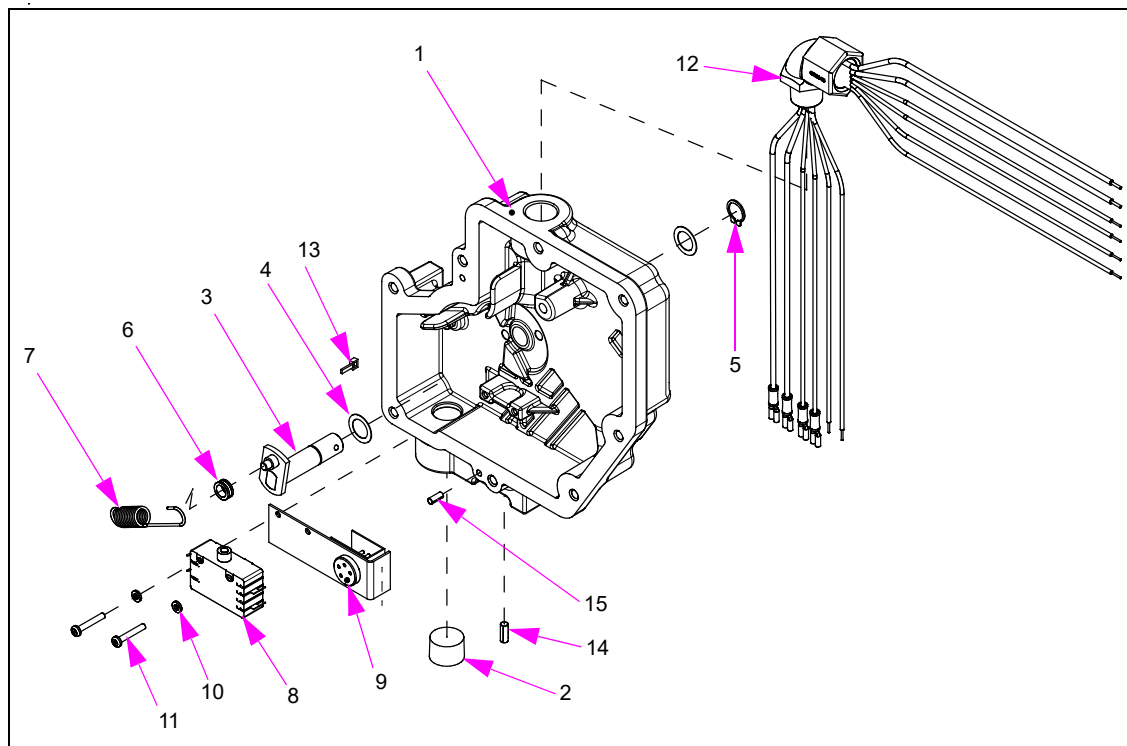
Reset Cover Assembly (G022289)



Item #	Part Description	Part Number	Quantity
1	Screw, Phillips Pan-head Mach 8-32 X 1	Q11270-58	2
2	Lock Washer, External Thread	G068842	2
3	Reset MOT and SW Assembly 115/60	G013063 (see note 1) G013114 (see note 2)	1
4	Spring Operator Model 77	G013031 (see note 1)	1
5	Assembly Idler Shaft Model 77	M12191A001	1
6	Insulator Model 77	G013019	1
7	Washer Bowed Type 3.390 X 0.552 X 0.006	K81856-28	2
8	Idler Bearing, Model 77	G013042	1
9	Reset Cover, Machined	M09860B001	1
10	Pinion Model 77	G013025	1
11	Adjusting Screw, Model 77	G013052	1
12	Lock Washer, External Tooth	C02404	1
13	Hexagonal Nut 10-24 UNC -2B STL ZN PL	K11489	1
14	Computer Drive Assembly	G013045	1
15	Thrust Washer	G013007	2
16	Roll Pin 5/32 X 3/8	K78378-78	4

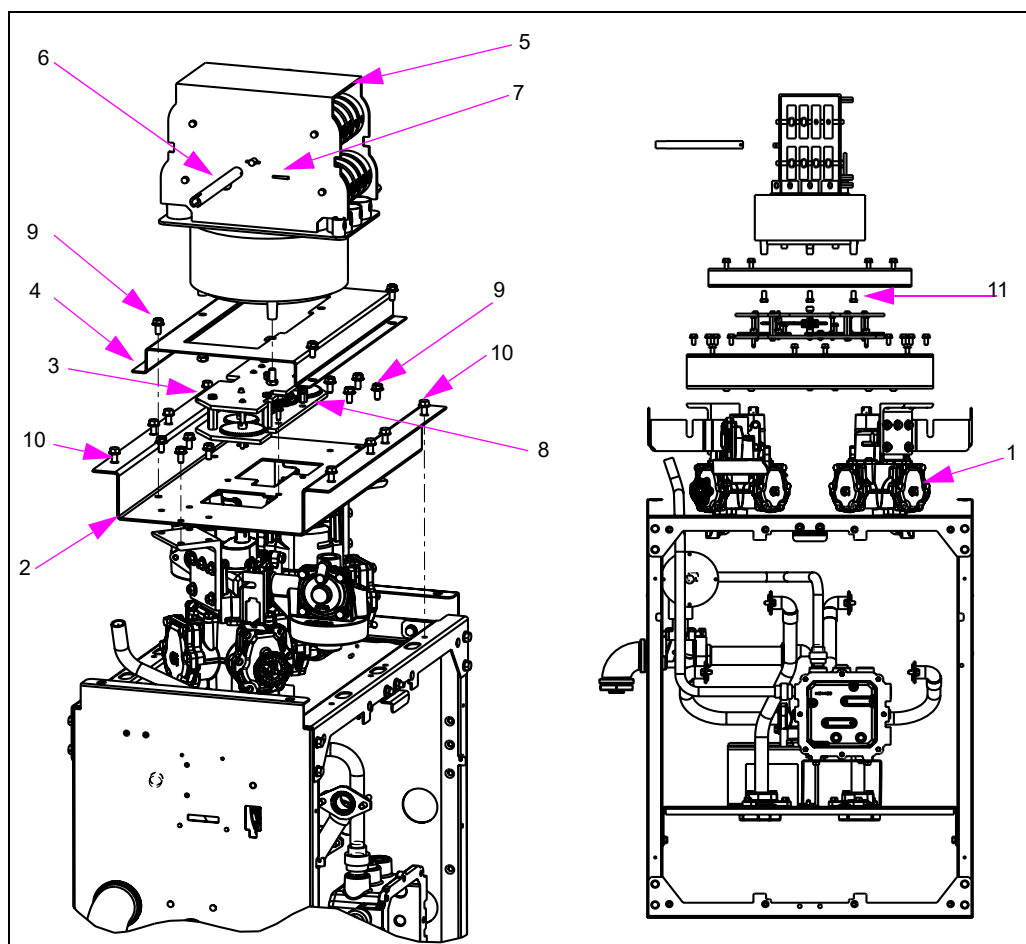
Item #	Part Description	Part Number	Quantity
17	Cam Hub, Model 77	G013041	1
18	Operator Post Model 77	M14270B001	1
19	Cam Model 77	G013037	1
20	Drive	G013013	1
21	Truarc Retaining Ring	K76238-28	1
22	Interponent Assembly	G013049	1
23	Shim Washer	G013018	2
24	Truarc Retaining Ring	K76238-41	1
25	Shoulder Screw	G013051	1
<i>Notes:</i> 1. G013063 and G013019 are used for lighted reset assemblies. 2. G013114 is used for unlighted reset assemblies and is for the G022289 Assembly.			

Reset Box and Conduit Assembly



Item #	Part Description	Part Number	Quantity
1	Reset Box and Pin Assembly	G048555	1
2	Pipe Plug C-sunk 1/2	K43850	1
3	Handle Operator Assembly	G029359	1
4	Brass Washer	G067109	2
5	Truarc Retaining Ring	K76238-20	1
6	Pin Collar Delrin	G042912	1
7	Handle Spring Model 77	G057806	1
8	Switch (Model 77 Reset)	G064466	1
9	Terminal Bracket Assembly	G064875	1
10	Lockwasher #6 External Tooth	G068843	2
11	Screw, Phillips Pan-head Mach 6-32 X 0.875	Q11270-40	2
12	Potted Elbow and Wires	G024918	1
13	Cable-tie	Q10178-01	1
14	Groove Pin Type U (3H) 3/16 X 1/2	G042825	1
15	Roll Pin 5/32 X 3/8	K78378-78	1

9140K Super-Hi Mechanical - Meter, Differential Gearbox, and Computer



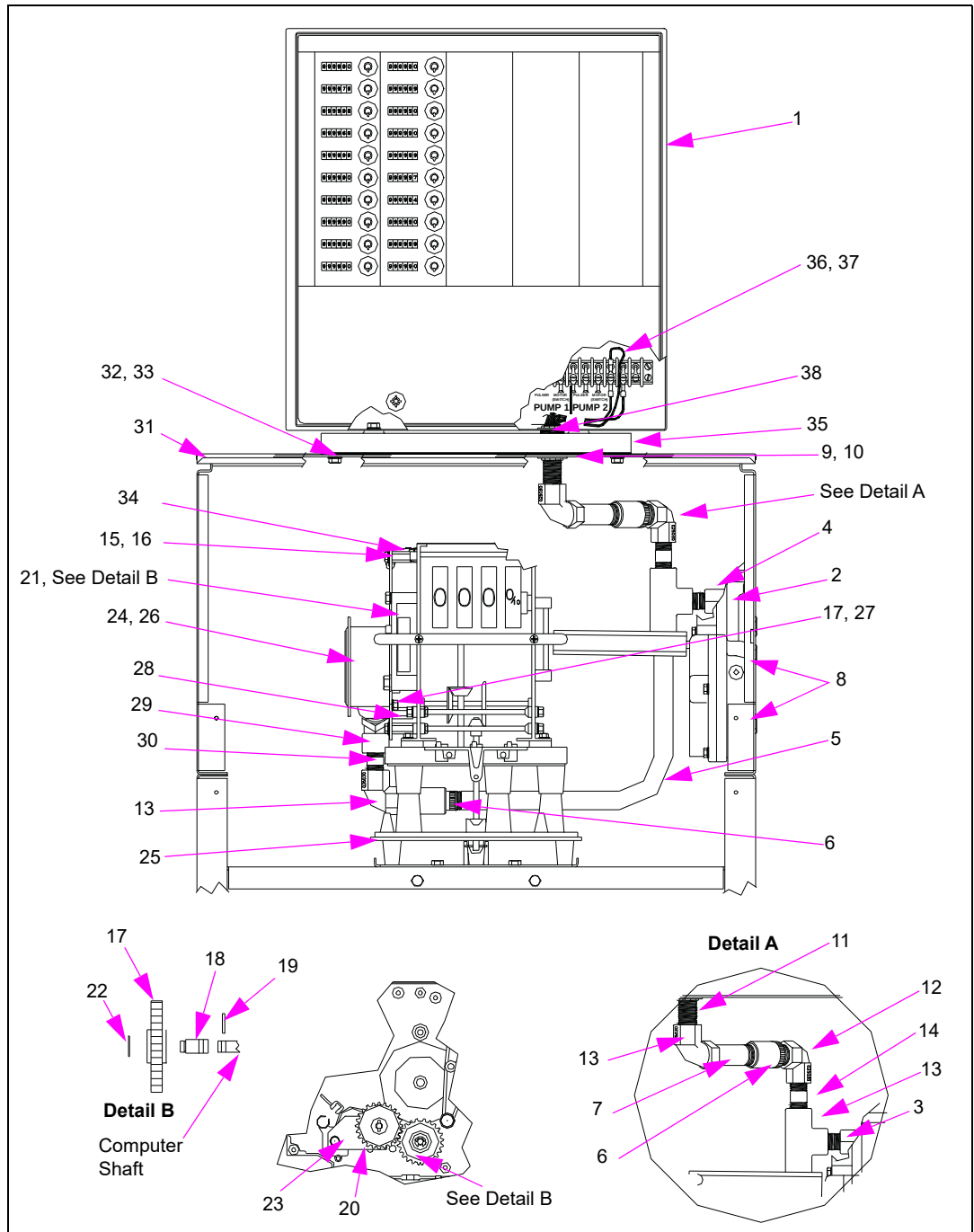
Item #	Part Description	Current Part	Previous Part	Quantity
1	Meter Assembly, Gallons	M04996A020	-	2
	Meter Assembly, Liters	M04996A021	-	2
2	9140 Meter and Gearbox Plate	M07343A001	-	1
3	Differential Assembly 40Q (Obsolete - No longer available)	-	M05274A001	1
4	Plate, 9140 Computer MTG	M07345B001	-	1
5	Register, Gallons	G021079	-	1
	Register, Gallons with Ticket Printer	G021082	-	1
	Register, Liters	G021071	-	1
6	Coupling, Elec Reset Single/40	G017561	-	1
7	Tapered Groove Pin 1/8 Dia X 1.00	K42757-31	-	1
8	Screw, Metric M6 X 16	M00415B006	-	3
9	Screw, Metric M8 X 16	M00415B009	-	12
10	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	8
11	Screw, Self Locking Hexagonal Head Cap 3/8-24 75 Grade 5	K93293-10	-	3

Notes:

- For specific parts associated with Meter Assemblies (M04996A020 and M04996A021), refer to ["Center Flow Through \(CFT\) Meter, Manifold, and Valve Assembly"](#) on [page 6-1](#).
- This model with the gearbox is no longer in production.

Mechanical Computer, Reset, and Pulser with Electrical Keytrol

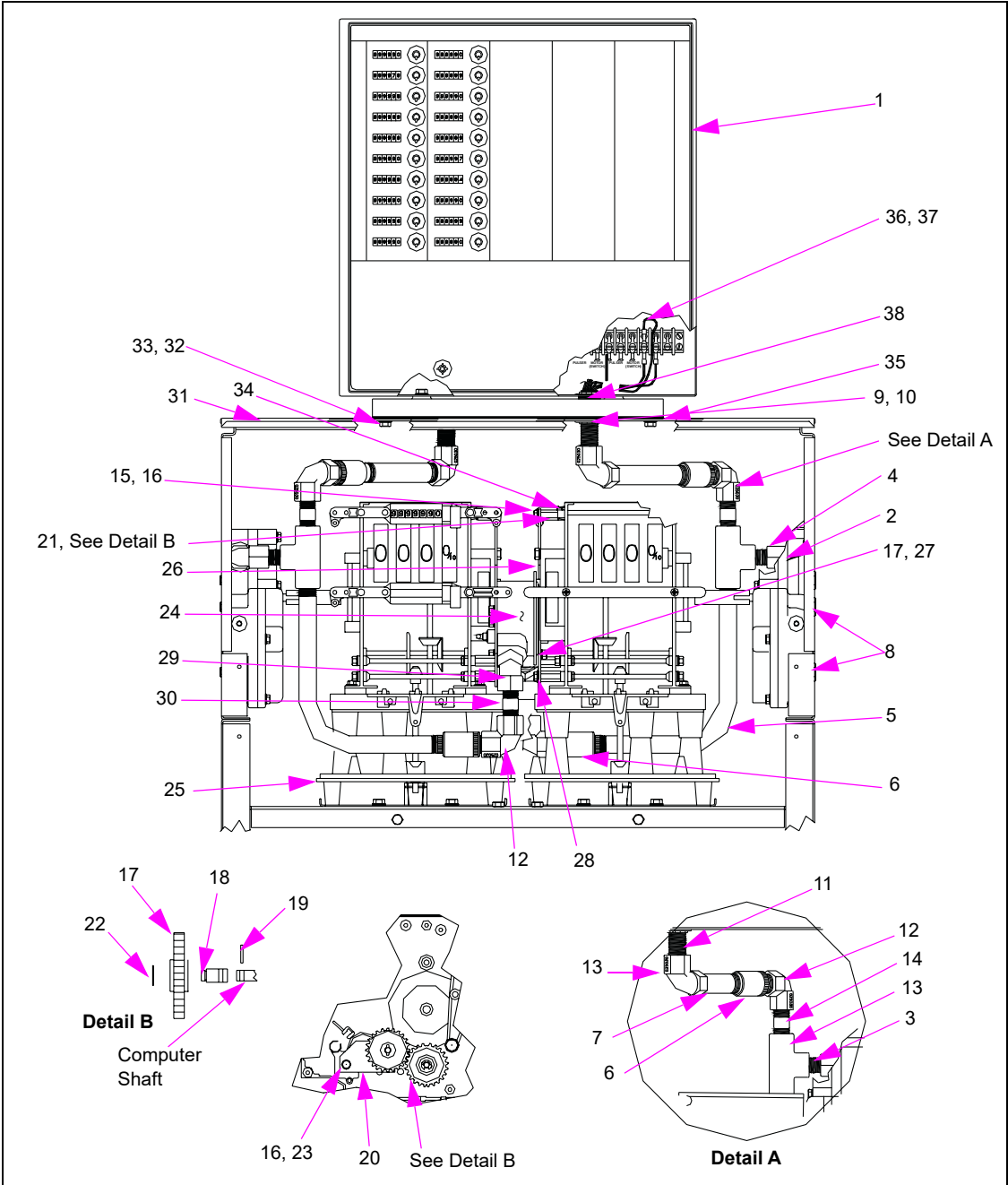
9140 Super-Hi Unit



Item #	Part Description	Current Part	Previous Part
1	Electrical Keytrol	-	-
2	Reset Assembly 115 V 60 Hz EK Pump	M09919A102	-
	Reset Assembly 230 V 60 Hz EK Pump	G048811	-
	Reset Assembly 230 V 50 Hz EK Pump	M09919A202	-
	Reset Assembly 110 V 60 Hz EK Dispenser	G048813	-
	Reset Assembly 230 V 60 Hz EK Dispenser	G048814	-
	Reset Assembly 230 V 50 Hz EK Dispenser	G048815	-
3	Pipe TBE, 1/2 X 1-1/8 Zinc Plated	N16771-78	-
	Conduit, 1/2 X 4, 9140, 9140AX	G038125	-
4	Elbow, Conduit 1/2 X 90 M/F	G025045	-
5	Conduit	G069737	-
6	1/2 UNY Explosion-proof Conduit Union	N16289-20	-
7	Conduit, 1/2 X 6	G021377	-
8	Screw, 1/4-20 X 1/2 HHC	K05287	-
9	Lock Nut, 1/2 NPT Machined	K89681	-
10	Washer Flat 0.875 X 1.62 X 0.056	N16599-59	-
11	Conduit, 1/2 X 3 NPS Threads	G021737	-
12	Elbow-conduit, 1/2 X 90 F/F	G025030	-
13	Conduit Tee	G064830	-
14	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	R11979-39	-
15	Screw, 1/4-28 X 5/8 HHC	Q10624-37	-
16	Lockwasher - External 1/4 1114	G068891	-
17	Gear, Quantity	G027041	-
18	Hub, Quan. Shaft Extension	G031035	-
19	Pin, Spirol 5/64 X 7/16 STD PL	Q10038-35	-
20	Plate and Idler Gear Assembly	G027044	-
21	Plate, Mounting	G046970	-
22	Ring Retaining 5133-25-ZF	K76238-41	-
23	Screw, 1/4-20 X 5/8 Wash Head Type-T	K85736-39	-
24	Decal, 10:1 Pulser	G023596	-
25	Non-computer, Gallon	G021079	-
	Non-computer, Liter	G021071	-
26	Pulser Assembly 10:1	G046973	-
	Pulser Assembly 1:1	G046969	-
	Pulser Assembly 100:1	G046972	-
27	Screw, 1/4-20 X 5/8 HHC	K14830	-
28	Spacer	G056877	-
29	Elbow, Conduit 1/2 X 45 M/F	G025015	-
30	Conduit, 1/2 X 2	G021337	-

Item #	Part Description	Current Part	Previous Part
31	Cover, Top, 9100AEK Master, Painted (see note)	G022479	-
	Cover, Top, 9100AEK Master, SS	G022478	-
	Cover, Top, 9100AEK Master/Auxiliary, Painted (see note)	G022482	-
	Cover, Top, 9140ATWEK Master/Auxiliary, Painted (see note)	G022488	-
	Cover, Top, 8753E Master/Auxiliary, SS	G022481	-
	Cover, Top, 9140ATWEK Master/Auxiliary, SS	G022487	-
	Cover, Top, 9140ATWEK Master/Split, Painted (see note)	G022486	-
	Cover, Top, 9140ATWEK Master/Split, SS	G022485	-
32	Screw, 5/16-18 X 3/4 HHC	Q10624-01	-
33	Lockwasher, 5/16 PL	K73278-28	-
34	Spacer, Top	G056895	-
35	Gasket, 1/8 X 1/4 X 3' LG	G027146	-
36	Term, Wire Spade #8 (16-14)-BLU	Q11024-02	-
37	Term, Wire Spade #6 (22-16)-RED	C01028	-
38	Square Cut Ring, #7-214	G049001	-
Note: Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.			

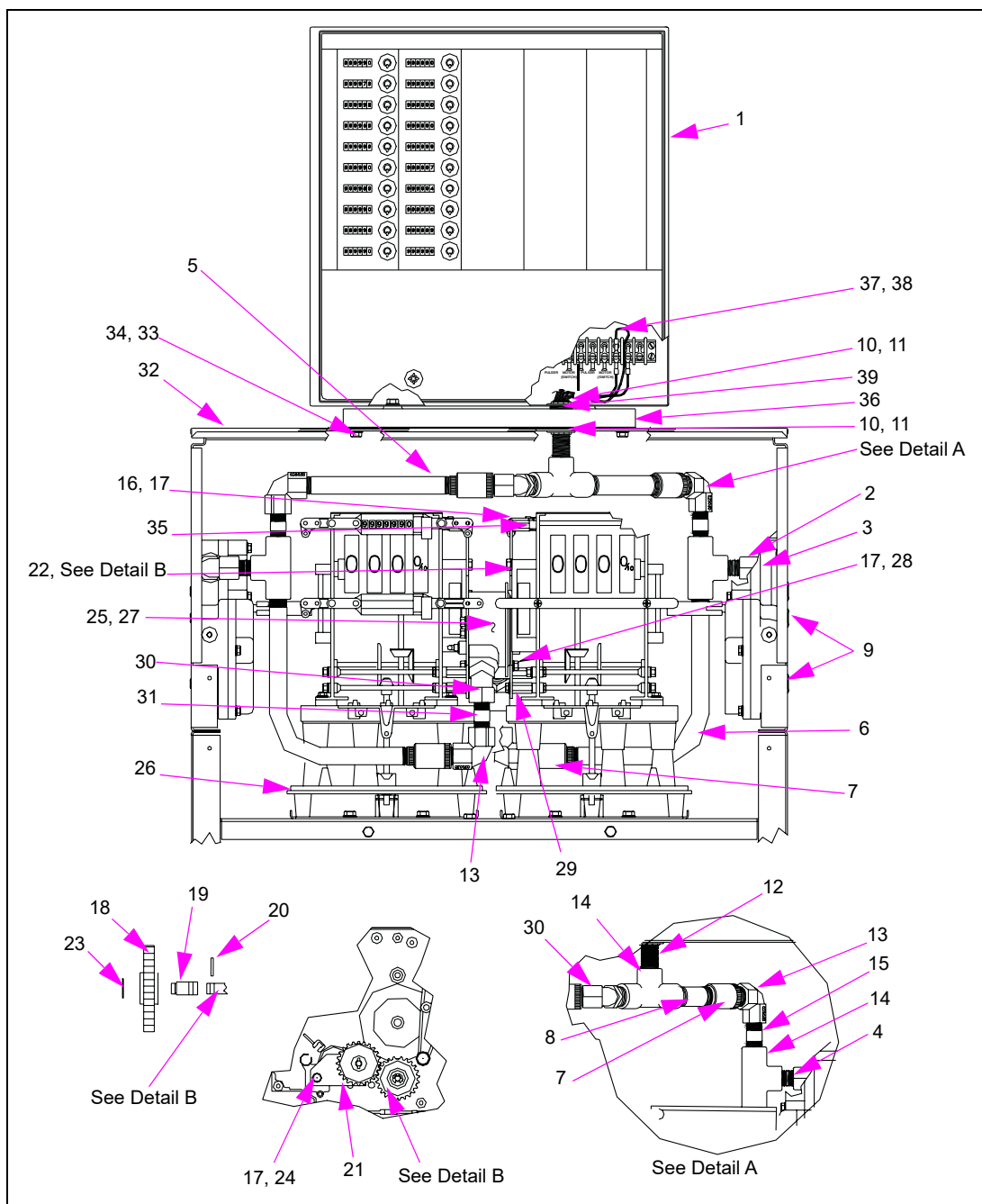
Single and Dual (Dual Unit Shown)



Item #	Part Description	Current Part	Previous Part
1	Electrical Keytrol	-	-
2	Reset Assembly 115 V 60 Hz EK Pump	M09919A102	-
	Reset Assembly 230 V 60 Hz EK Pump	G048811	-
	Reset Assembly 230 V 50 Hz EK Pump	M09919A202	-
	Reset Assembly 110 V 60 Hz EK Dispenser	G048813	-
	Reset Assembly 230 V 60 Hz EK Dispenser	G048814	-
	Reset Assembly 230 V 50 Hz EK Dispenser	G048815	-
3	Pipe TBE, 1/2 X 1-1/8 Zinc Plated	N16771-78	-

Item #	Part Description	Current Part	Previous Part
4	Elbow, Conduit 1/2 X 90 M/F	G025045	-
5	Conduit, 9100 ATW EK	G069726	-
6	1/2 UNY Explosion-proof Conduit Union	N16289-20	-
7	Conduit	G021347	-
8	Screw, 1/4-20 X 1/2 HHC	K05287	-
9	Lock Nut, 1/2 NPT Machined	K89681	-
10	Washer Flat 0.875 X 1.62 X 0.056	N16599-59	-
11	Conduit, 1/2 X 3 NPS Threads	G021737	-
12	Elbow, Conduit 1/2 X 90 F/F	G025030	-
13	Conduit Tee	G064830	-
14	Conduit, 1/2 X 2	G021337	-
15	Screw, 1/4-28 X 5/8 HHC	Q10624-37	-
16	Lockwasher, External 1/4 1114	G068891	-
17	Gear, Quantity	G027041	-
18	Hub, Quan. Shaft Extension	G031035	-
19	Pin, Spirol 5/64 X 7/16 STD PL	Q10038-35	-
20	Plate and Idler Gear Assembly	G027044	-
21	Plate, Mounting	G046970	-
22	Ring Retaining 5133-25-ZF	K76238-41	-
23	Screw, 1/4-20 X 5/8 Wash Head Type-T	K85736-39	-
24	Decal, 10:1 Pulser	G023596	-
25	Non-computer, Gallon	G021079	-
	Non-computer, Liter	G021071	-
26	Pulser Assembly 10:1	G046973	-
	Pulser Assembly 1:1	G046969	-
	Pulser Assembly 100:1	G046972	-
27	Screw, 1/4-20 X 5/8 HHC	K14830	-
28	Spacer	G056877	-
29	Elbow, Conduit 1/2 X 45 M/F	G025015	-
30	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	R11979-39	-
31	Cover, Top 9100 ATW Master/Auxiliary, Painted (obsolete, see note 1)	-	022619
	Cover, Top 9100 ATW Master/Auxiliary, SS (obsolete, see note 1)	-	022618
32	Screw, 5/16-18 X 3/4 HHC	Q10624-01	-
33	Lockwasher, 5/16 PL	K73278-28	-
34	Spacer, Top	G056895	-
35	Gasket, 1/8 X 1/4 X 3 Ft Lg	G027146	-
36	Term, Wire Spade #8 (16-14) - BLU	Q11024-02	-
37	Term, Wire Spade #6 (22-16) - RED	C01028	-
38	Square Cut Ring, #7-214	G049001	-
Notes: 1. No replacement. 2. Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser.			

Split-twin Unit



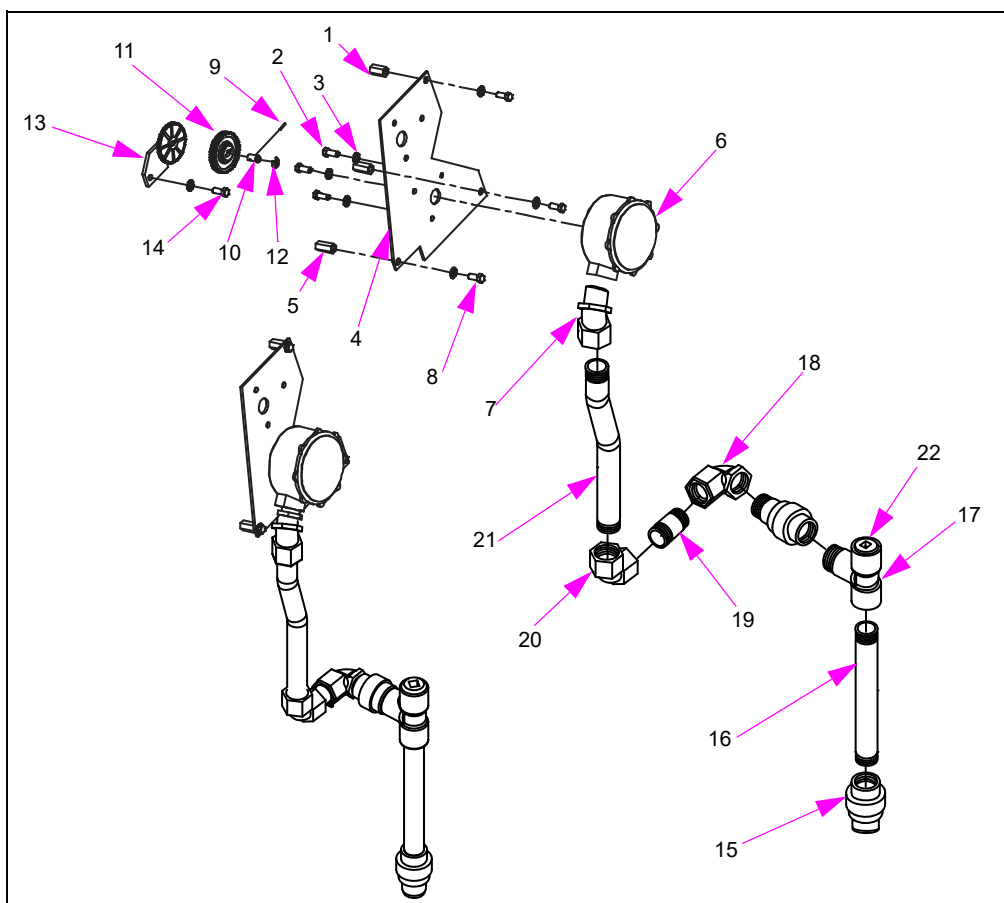
Item #	Part Description	Current Part	Previous Part
1	Electrical Keytrol	-	-
2	Elbow, Conduit, 1/2" X 90° M/F	G025045	-
3	Reset Assembly 115 V 60 Hz EK Pump	M09919A102	-
	Reset Assembly 230 V 60 Hz EK Pump	G048811	-
	Reset Assembly 230 V 50 Hz EK Pump	M09919A202	-
	Reset Assembly 110 V 60 Hz EK Dispenser	G048813	-
	Reset Assembly 230 V 60 Hz EK Dispenser	G048814	-
	Reset Assembly 230 V 50 Hz EK Dispenser	G048815	-

Item #	Part Description	Current Part	Previous Part
4	Pipe TBE, 1/2 X 1-1/8 Zinc Plated	N16771-78	-
5	Conduit, 1/2 X 8-3/4	G021301	-
6	Conduit, 9100 ATW EK	G069726	-
7	1/2 UNY Explosion-proof Conduit Union	N16289-20	-
8	Conduit, 1/2 X 6-3/4	G021347	-
9	Screw, 1/4-20 X 1/2 HHC	K05287	-
10	Lock Nut, 1/2 NPT Machined	K89681	-
11	Washer Flat 0.875 X 1.62 X 0.056	N16599-59	-
12	Conduit, 1/2 X 3 NPS Threads	G021737	-
13	Elbow, Conduit 1/2 X 90 F/F MCH	G025030	-
14	Conduit Tee	G064830	-
15	Conduit, 1/2 X 2	G021337	-
16	Screw, 1/4-28 X 5/8 HHC	Q10624-37	-
17	Lockwasher, External 1/4 1114	G068891	-
18	Gear, Quantity	G027041	-
19	Hub, Quan. Shaft Extension	G031035	-
20	Pin, Spirol 5/64 X 7/16 STD PL	Q10038-35	-
21	Plate and Idler Gear Assembly	G027044	-
22	Plate, Mounting	G046970	-
23	Ring Retaining 5133-25-ZF	K76238-41	-
24	Screw, 1/4-20 X 5/8 Wash Head Type-T	K85736-39	-
25	Decal, 10:1 Pulser	G023596	-
26	Non-computer, Gallon	G021079	-
	Non-computer, Liter	G021071	-
27	Pulser Assembly 10:1	G046973	-
	Pulser Assembly 1:1	G046969	-
	Pulser Assembly 100:1	G046972	-
28	Screw, 1/4-20 X 5/8 HHC	K14830	-
29	Spacer	G056877	-
30	Elbow, Conduit 1/2 X 45 M/F	G025015	-
31	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	R11979-39	-
32	Cover, Top 9100 ATW EK Master, Painted (see note 1)	G022486	-
	Cover, Top, SS, 9100 ATW EK Master	G022485	-
	Cover, Top 9100 ATW Master/Auxiliary, Painted (obsolete, see note 2)	-	022619
	Cover, Top 9100 ATW Master/Auxiliary, SS (obsolete, see note 2)	-	022618
33	Screw, 5/16-18 X 3/4 HHC	Q10624-01	-

Item #	Part Description	Current Part	Previous Part
34	Lockwasher, 5/16 PL	K73278-28	-
35	Spacer, Top	G056895	-
36	Gasket, 1/8 X 1/4 X 3 Ft Lg	G027146	-
37	Term, Wire Spade #8 (16-14)-BLU	Q11024-02	-
38	Term, Wire Spade #6 (22-16)-RED	C01028	-
39	Square Cut Ring, #7-214	G049001	-
Notes: 1. Specify standard color (black, white, red). If not a standard color, specify serial number of pump/dispenser. 2. No replacement.			

17 – Mechanical Pulser Option

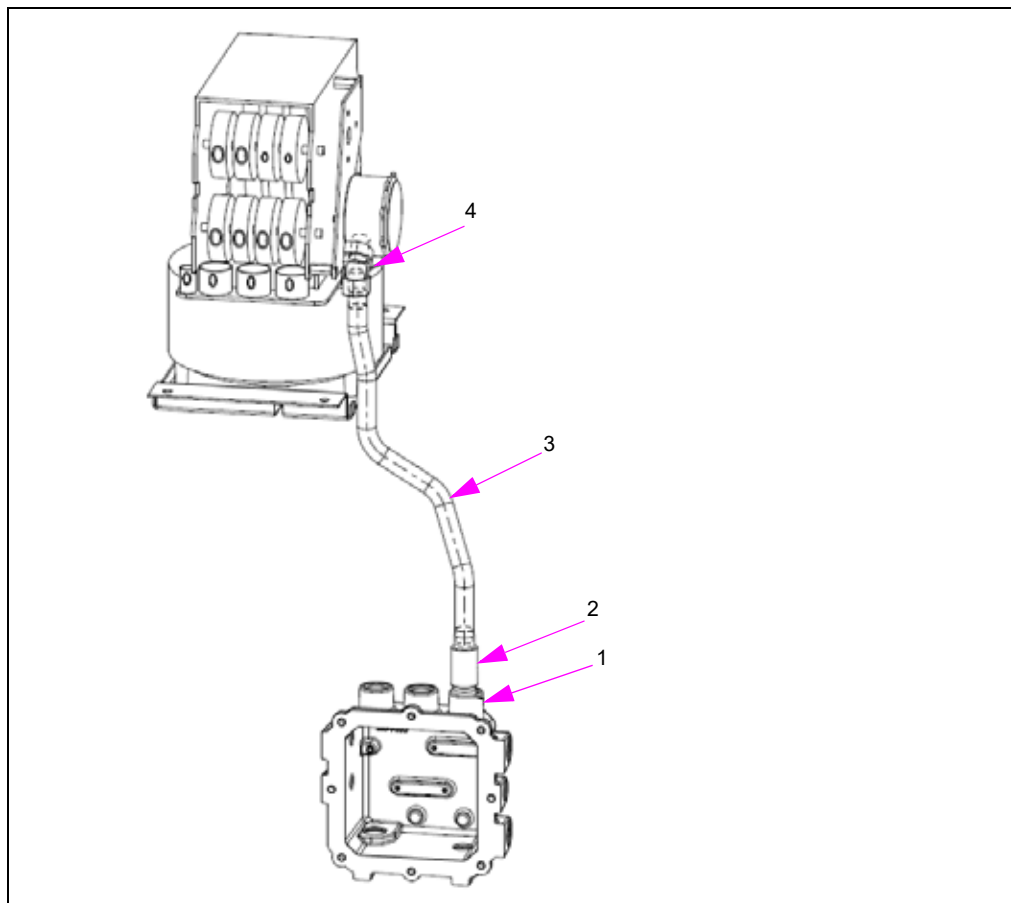
Single Unit Volume



Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
1	Top Spacer	All	G056895	-	1
2	Screw, Hexagonal Head Cap, Finished	All	-	-	3
3	Lockwasher External 1114	All	G068891	-	6
4	Plate Mounting Pulser	All	G046970	-	1
5	Spacer, 0.944	All	G056877	-	2
6	Pulser and Coupling Assembly				
	• Pulser and Coupling Assembly 10:1 Volume	1	G046973	-	1
	• Pulser and Coupling Assembly 100:1 Volume	4	G046972	-	1
	• Pulser and Coupling Assembly 1:1 Volume	5	G046969	-	1
7	Elbow Conduit 1/2 X 45 M/F	All except 3	G025015	-	1
8	Screw, Hexagonal Head Cap, Finished	All	-	-	3

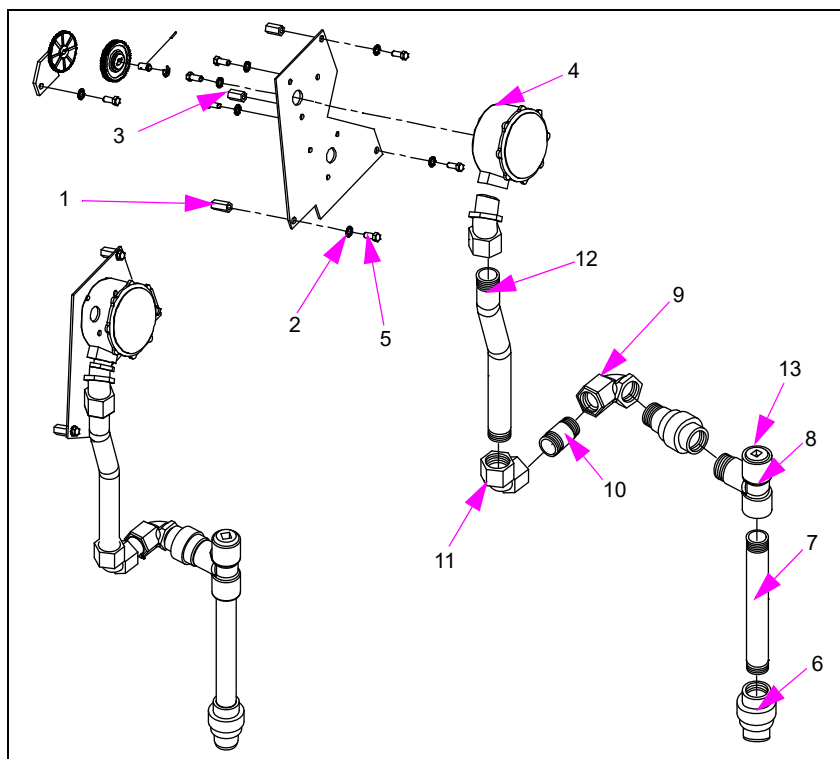
Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
9	Pin, Spirol 5/64 X 7/16 STD PL	All	Q10038-35	-	1
10	Hub, Quantity Shaft Extension	All	G031035	-	1
11	Gear, Quantity	All	G027041	-	1
12	Ring Retaining 5133-25-ZF	All	K76238-41	-	1
13	Plate and Idler Gear Assembly	All	G027044	-	1
14	Screw, Hexagonal, Washer Head 1/4-2	All	-	-	1
15	Union Conduit M and F 1/2	All	Q10016-04	-	1
16	Nipple Conduit	1, 3, 4, 5	R11976-57	R11976-74	1
17	Conduit Tee, Machined	All	G064830	-	1
18	Elbow Conduit 1/2 X 90 M/F	1, 3, 4, 5	G025045	-	1
19	Nipple Conduit 1/2 X 1-5/8	1, 3, 4, 5	R11976-43	-	1
20	Elbow Conduit 1/2 X 90 F SPT	1, 3, 4, 5	K42428	-	1
21	Conduit	1, 4	M05292B001	-	1
22	Plug Pipe 1/2 SQ Socket	1, 3, 4, 5	K43850	-	1
Not Shown					
-	Tie-wrap	All	C08682	-	1
-	Conduit 1/2 X 3	2, 6	G038125	-	1
-	Conduit, EK	2, 6	M05221B001	-	1
-	Conduit Formed	3, 4, 5	M05368B001	-	1
-	Washer, Flat 0.875 X 1.62 X 0.56	2, 6	N16599-59	-	2
-	Conduit 1/2 - 3-3/4 NPS	2, 6	G021737	-	1
-	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	2, 6	R11979-39	-	1
-	Elbow Conduit 1/2 X 90 F/F	2, 6	G025030	-	3
<i>Where Used:</i> <i>All = All mechanical single units</i> <i>1 = Pulser 10:1, gallons, commercial and retail, no EK</i> <i>2 = Pulser 10:1, gallons, commercial only, with EK</i> <i>3 = Pulser 100:1, gallons, retail only (money)</i> <i>4 = Pulser 100:1, gallons, commercial and retail, no EK</i> <i>5 = Pulser 1:1, liters, commercial only, no EK</i> <i>6 = Pulser 1:1, liters, commercial only, with EK</i>					

Unit made after November 2011



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bushing, Reducing 3/4 - 1/2	K49827	-	1
2	Expansion Union (Conduit)	N16289-21	-	1
3	Formed Conduit Mech Vol PLSR GRI	M05292B004	-	1
4	Elbow, Conduit 1/2 X 45	M15445	-	1

Single Unit Money



Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
1	Top Spacer	All	G056895	-	1
2	Lockwasher External 1114	All	G068891	-	1
3	Spacer, 0.944	All	G056877	-	1
4	Kit, Pulser VR 312020-924 100:1 Money	4	G032942	-	1
5	Screw, Hexagonal Head Cap, Finished	All	-	-	3
6	Union Conduit M&F 1/2	All	Q10016-04	-	1
7	Nipple Conduit	1, 3, 4, 5	R11976-57	R11976-74	1
8	Conduit Tee, Machined	All	G064830	-	1
9	Elbow Conduit 1/2 X 90 M/F	1, 3, 4, 5	G025045	-	1
10	Nipple Conduit 1/2 X 1-5/8	1, 3, 4, 5	R11976-43	-	1
11	Elbow Conduit 1/2 X 90 F SPT	1, 3, 4, 5	K42428	-	1
12	Conduit Formed	3, 4, 5	M05368B001	-	1
13	Plug Pipe 1/2 SQ Socket	1, 3, 4, 5	K43850	-	1

Not Shown

-	Tie-wrap	All	C08682	-	1
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Where Used:

All = All mechanical single units

1 = Pulser 10:1, gallons, commercial and retail, no EK

2 = Pulser 10:1, gallons, commercial only, with EK

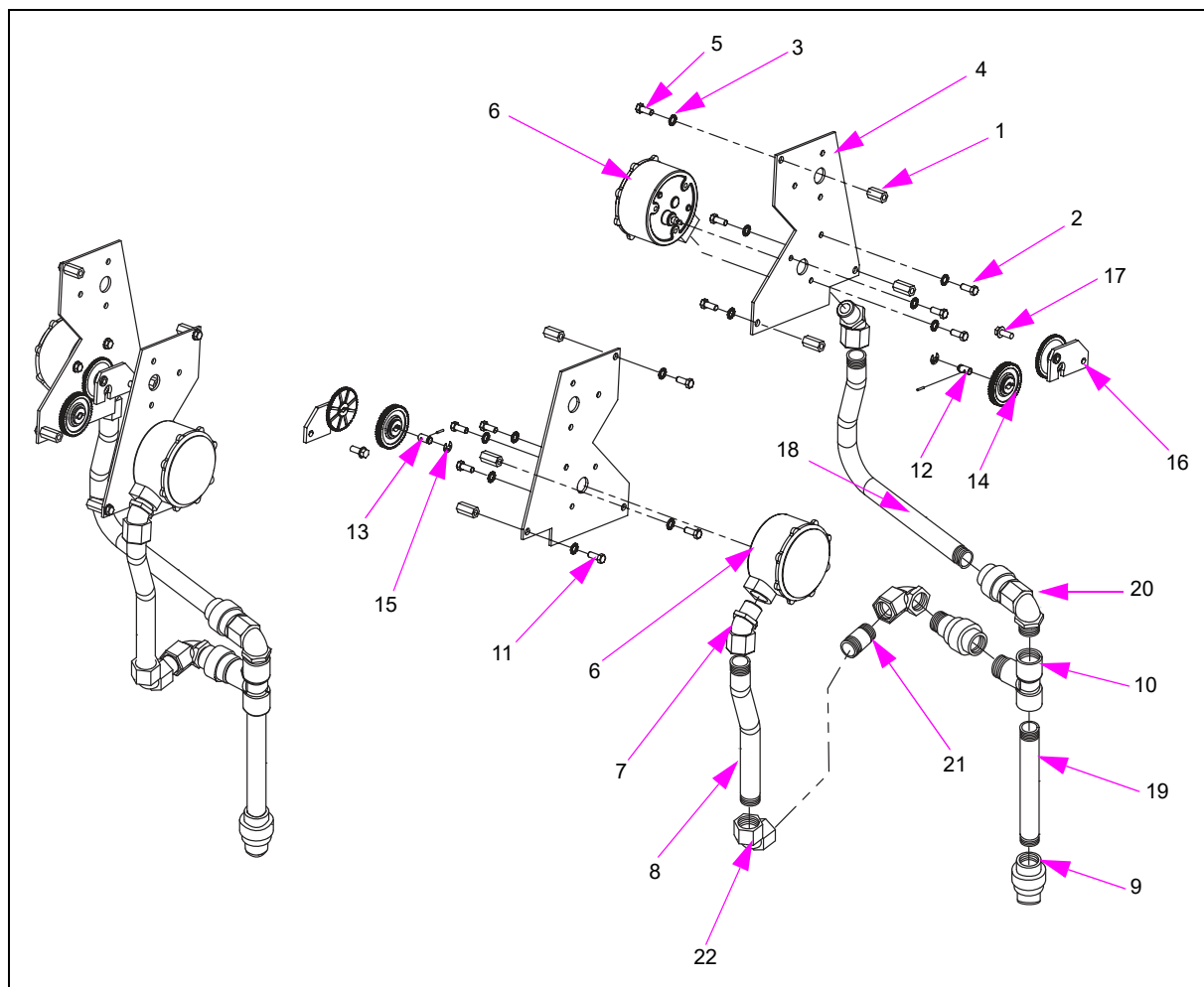
3 = Pulser 100:1, gallons, retail only (money)

4 = Pulser 100:1, gallons, commercial and retail, no EK

5 = Pulser 1:1, liters, commercial only, no EK

6 = Pulser 1:1, liters, commercial only, with EK

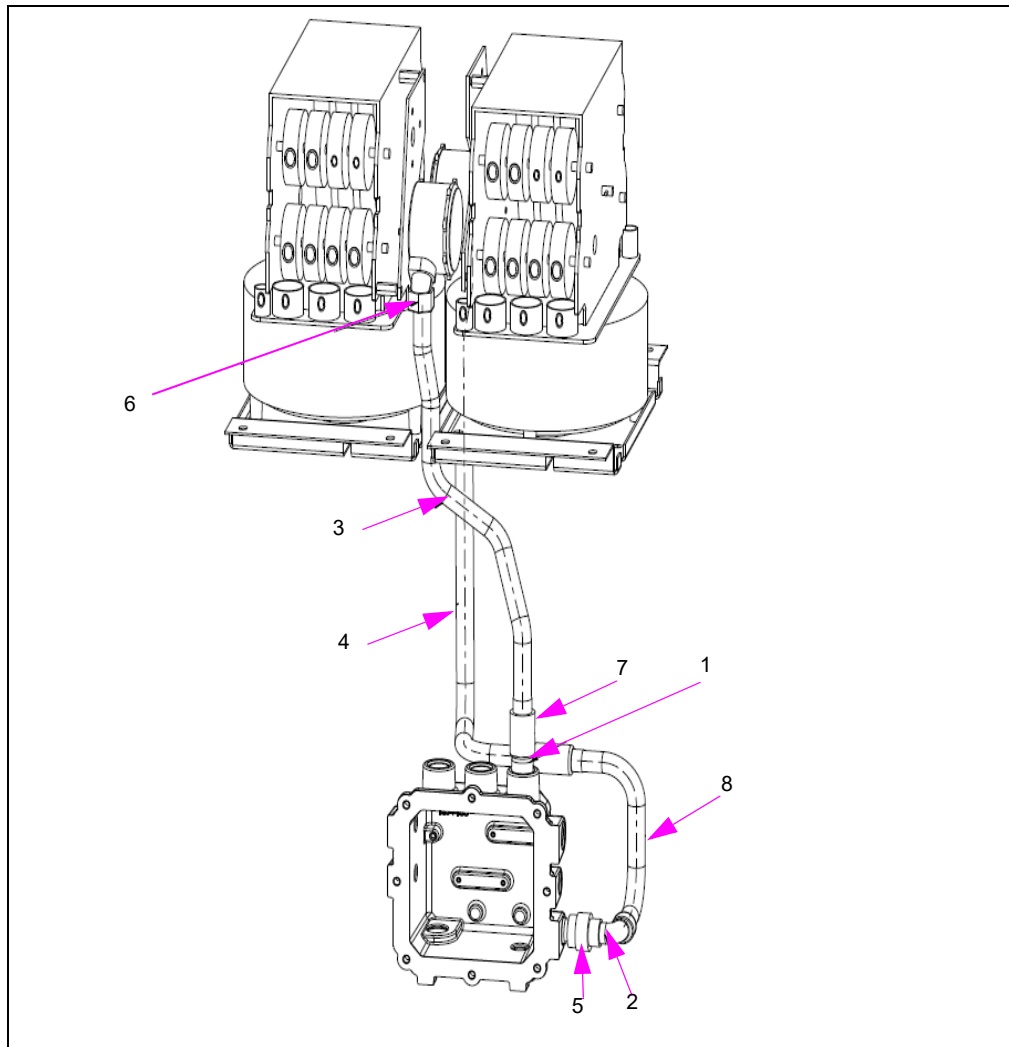
Dual Unit Volume



Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
1	Top Spacer	All	G056895	-	2
2	Screw, Hexagonal Head Cap, Finished	All	-	-	6
3	Lockwasher External 1114	All	G068891	-	12
4	Plate Mounting Pulser	All	G046970	-	2
5	Spacer, 0.944	All	G056877	-	4
6	Pulser and Coupling Assembly				
	• Pulser and Coupling Assembly 10:1 Volume	1	G046973	-	2
	• Pulser and Coupling Assembly 100:1 Volume	5	G046972	-	2
	• Pulser and Coupling Assembly 1:1 Volume	6	G046969	-	2
7	Elbow Conduit 1/2 X 45 M/F	All except 4	G025015	-	2
8	Conduit	1, 6	M05292B001	-	1
9	Union Conduit M/F 1/2	All	Q10016-04	-	Varies per pulser

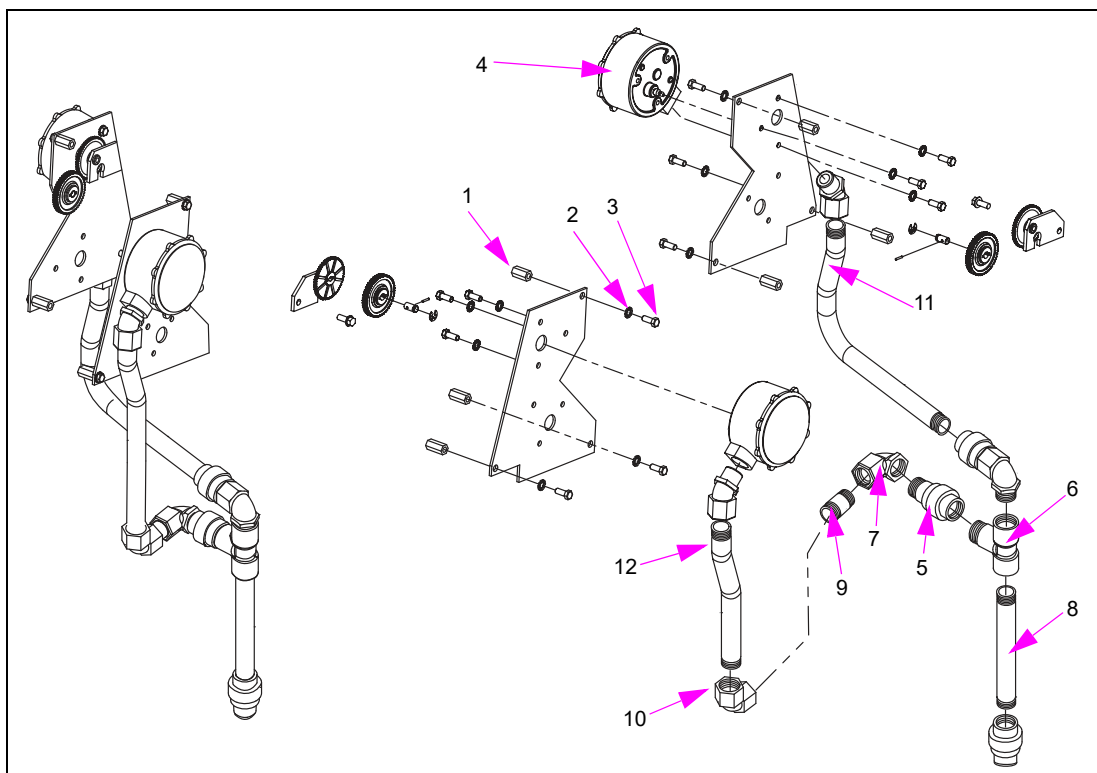
Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
10	Conduit Tee, Machined	All	G064830	-	Varies per pulser
11	Screw, Hexagonal Head Cap, Finished	All	-	-	6
12	Pin, Spirol 5/64 X 7/16 STD PL	All	Q10038-35	-	2
13	Hub, Quantity Shaft Extension	All	G031035	-	2
14	Gear, Quantity	All	G027041	-	2
15	Ring Retaining 5133-25-ZF	All	K76238-41	-	2
16	Plate and Idler Gear Assembly	All	G027044	-	2
17	Screw, Hexagonal, Washer Head 1/4-2	All	-	-	2
18	Conduit	1, 5, 6	M05293B001	-	1
19	Nipple Conduit	1, 4, 5, 6	R11976-57	R11976-74	1
20	Elbow Conduit 1/2 X 90 M/F	1, 4, 5, 6	G025045	-	2
21	Nipple 3/4 X 3-3/8	1, 4, 5, 6	R11496-43	-	1
22	Elbow Conduit 1/2 X 90 F SPT	1, 4, 5, 6	K42428	-	1
Not Shown					
-	Tie-wrap	All	C08682	-	2
-	Pipe TBE, 1/2 X 1-1/8 Zinc Plated	2, 3, 7, 8	N16771-78	-	2
-	Conduit 9100 ATW Electrical Keytrol	2, 3, 7, 8	G069726	-	2
-	Lock Nut, 1/2 NPT Machined	2, 3, 7, 8	K89681	-	4
-	Washer, Flat 0.875 X 1.62 X 0.56	2, 3, 7, 8	N16599-59	-	4
-	Conduit 1/2 - 3-3/4 NPS	2, 3, 7, 8	G021737	-	2
-	Elbow Conduit 1/2 X 90 F/F	2, 3, 7, 8	G025030	-	6
-	Conduit 1/2 X 2	2, 3, 7, 8	G021337	-	2
-	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	2, 3, 7, 8	R11979-39	-	2
-	Conduit 1/2 X 8-3/4	3, 8	G021301	-	1
-	Conduit	6	M05293B001	-	1
<i>Where Used:</i> <i>All = All mechanical single units</i> <i>1 = Pulser 10:1, gallons, commercial and retail, no EK</i> <i>2 = Pulser 10:1, gallons, commercial only, with EK</i> <i>3 = Pulser 100:1, gallons, retail only (money)</i> <i>4 = Pulser 100:1, gallons, commercial and retail, no EK</i> <i>5 = Pulser 1:1, liters, commercial only, no EK</i> <i>6 = Pulser 1:1, liters, commercial only, with EK</i>					

Unit made after November 2011



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bushing, Reducing 3/4 - 1/2	K49827	-	2
2	Short Conduit 90° Elbow M X F	K42448	-	1
3	Formed Conduit Mech Vol PLSR GR1	M05292B004	-	1
4	Formed Conduit Mech Vol PLSR GR2	M05293B002	-	1
5	Union, Conduit 1/2 Inch	Q10016-04	-	1
6	Elbow, Conduit 1/2 X 45	M15445	-	2
7	Expansion Union (Conduit)	N16289-21	-	1
8	Formed Conduit, Mech Vol PLSR GR2	M05293B003	-	1

Dual Unit Money



Item #	Part Description	Where Used	Current Part	Previous Part	Quantity
1	Top Spacer	All	G056895	-	2
2	Lockwasher External 1114	All	G068891	-	6
3	Spacer, 0.944	All	G056877	-	4
4	Kit, Pulser VR 312020-924 100:1 Money	4	G032942	-	2
5	Union Conduit M and F 1/2	All	Q10016-04	-	2
6	Conduit Tee, Machined	All	G064830	-	1
7	Elbow Conduit 1/2 X 90 M/F	1, 4, 5, 6	G025045	-	2
8	Nipple Conduit	1, 4, 5, 6	R11976-57	R11976-74	1
9	Nipple 3/4 X 3-3/8	1, 4, 5, 6	R11496-43	-	1
10	Elbow Conduit 1/2 X 90 F SPT	1, 4, 5, 6	K42428	-	1
11	Conduit, Formed	4	M05368B001	-	1
12	Conduit, Formed	4	M05369B001	-	1

Not Shown

-	Tie-wrap	All	C08682	-	2
-	Screw, Hexagonal Head Cap, Finished	All	-	-	6

Where Used:

All = All mechanical single units

1 = Pulser 10:1, gallons, commercial and retail, no EK

2 = Pulser 10:1, gallons, commercial only, with EK

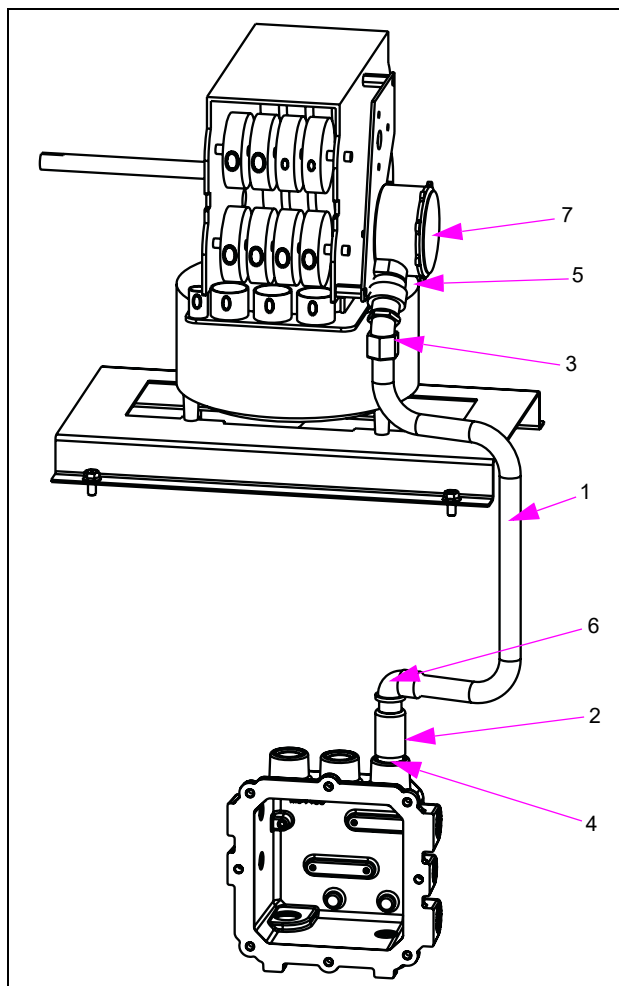
3 = Pulser 100:1, gallons, retail only (money)

4 = Pulser 100:1, gallons, commercial and retail, no EK

5 = Pulser 1:1, liters, commercial only, no EK

6 = Pulser 1:1, liters, commercial only, with EK

Super-Hi Volume

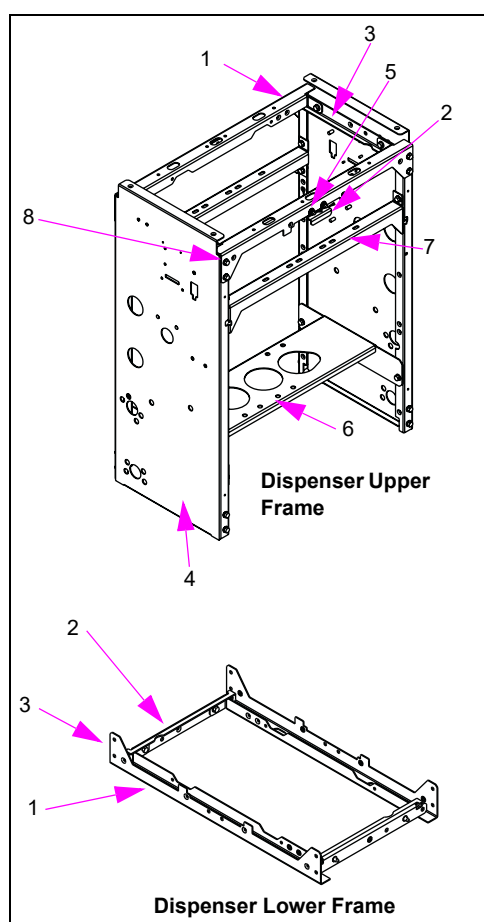


Item #	Part Description	Current Part	Previous Part	Quantity
1	Conduit, Pulsar Mechanical Super-Hi	M07356B001	-	1
2	Expansion Union (Conduit)	N16289-20	-	1
3	Elbow, Conduit 1/2 X 45	G025015	-	1
4	Bushing, Reducing 3/4 - 1/2	K49827	-	1
5	Union, Conduit 1/2 inch	Q10016-04	-	1
6	Elbow, 1/2 X 90 M X F	K42448	-	1
7	Pulser Assembly 10:1 Volume	G046973	-	1
	Pulser Assembly 100:1 Volume	G046972	-	1
	Pulser Assembly 1:1 Volume	G046969	-	1

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18 – Ultra-Hi Frame Section

Dispenser Frame



Dispenser Upper Frame

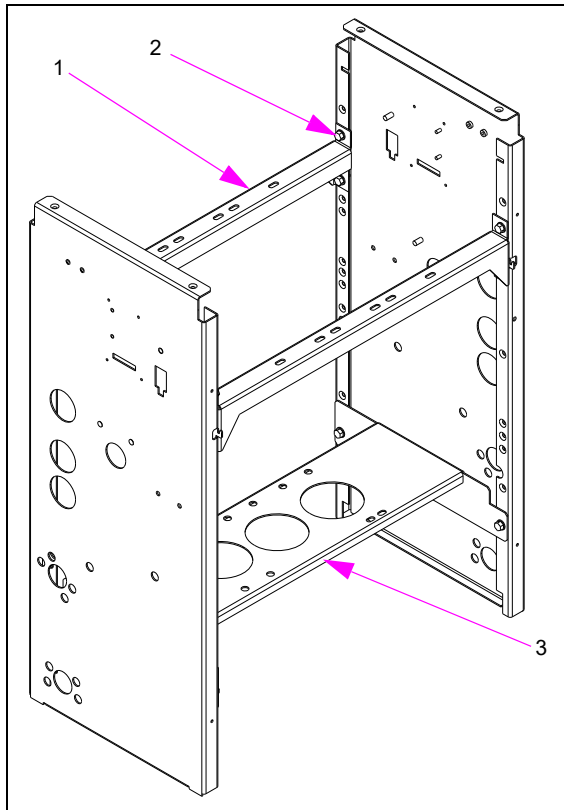
Item #	Part Description	Current Part	Previous Part	Quantity
1	Base Rail Frame Support	M04460B001	-	2
2	Bracket, Lower Panel Lock	M04774A001	-	2
3	Column Cross Support Bracket	M04251B001	-	2
4	Column, Lower Frame	M06628A001	-	2
5	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	4
6	Plate, Inlet Fitting Support	M05538B001	-	1
7	Rail Meter Support	M05537B001	-	2
8	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	40

Dispenser Lower Frame

Item #	Part Description	Current Part	Previous Part	Quantity
1	Base Rail Frame Support	M04460B001	-	2
2	Column Cross Support Bracket	M04251B001	-	2
3	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	4

Ultra-Hi Dispenser Lower Hydraulic Upper Frame

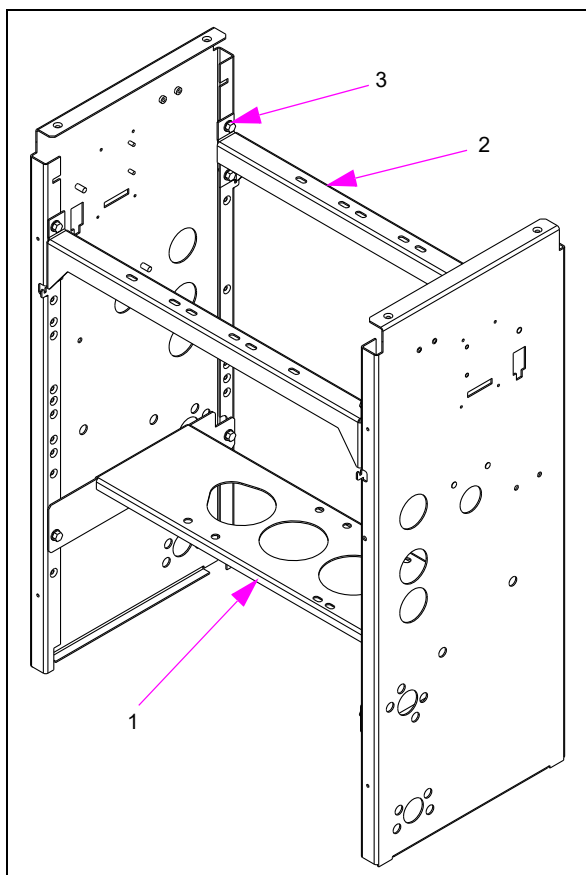
Note: Units built after December 11, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Rail Meter Support	M05537B001	-	2
2	Screw, Metric M8 X 18	M00417B009	-	16
3	Plate Inlet Fitting Support	M05538B001	-	1

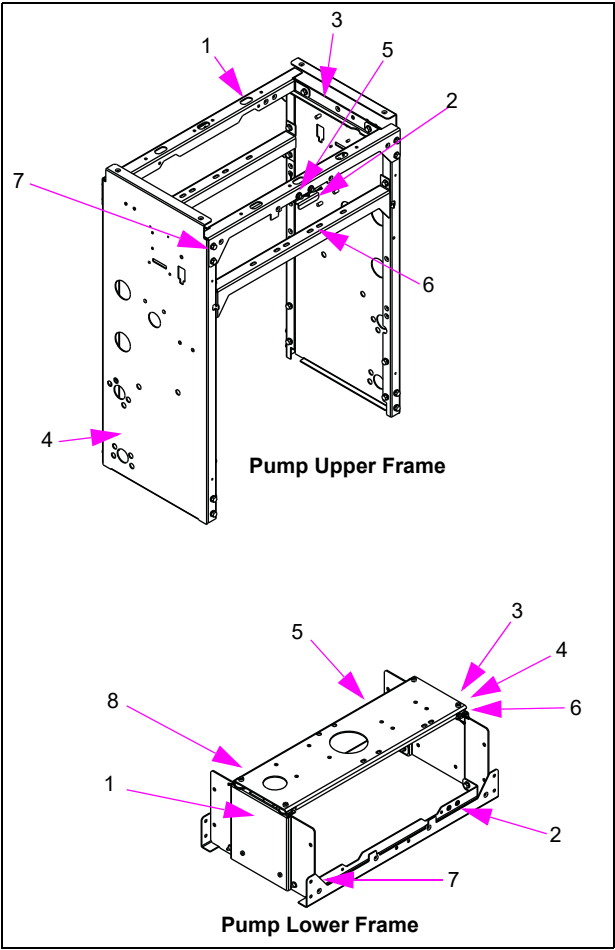
Ultra-Hi 9850 KXTW1 Lower Hydraulic Upper Frame

Note: Units built after December 11, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Plate Inlet Fitting Support	M05538B001	-	1
2	Rail Meter Support	M05537B001	-	2
3	Screw, Metric M8 X 18	M00417B009	-	16

Self-contained Pump Frame



Pump Upper Frame

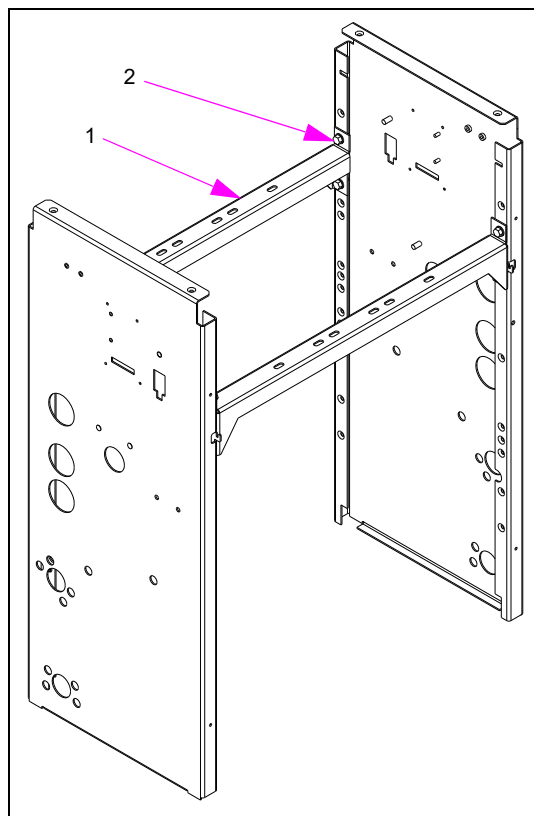
Item #	Part Description	Current Part	Previous Part	Quantity
1	Base Rail Frame Support	M04460B001	-	2
2	Bracket, Lower Panel Lock	M04774A001	-	2
3	Column Cross Support Bracket	M04251B001	-	2
4	Column, Lower Frame	M06628A001	-	2
5	Nut, Metric, Hexagonal Serrated Flange (M8)	M00414B003	-	4
6	Rail Meter Support	M05537B001	-	2
7	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	44

Pump Lower Frame

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly Lower Frame Base	M04868A001	-	2
2	Base Rail Frame Support	M04460B001	-	2
3	Flat Washer Metric - Yellow Chromate	M00959B019	-	4
4	Flat Washer Metric - M8 Zinc Plate	M00959B008	-	4
5	Plate, Pump Support	M05536A001	-	1
6	Screw, Metric M8 X 40	M00415B017	-	4
7	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	4
8	Universal Isolation Mount	M04871B001	-	4

Ultra-Hi Self-contained Lower Hydraulic Frame

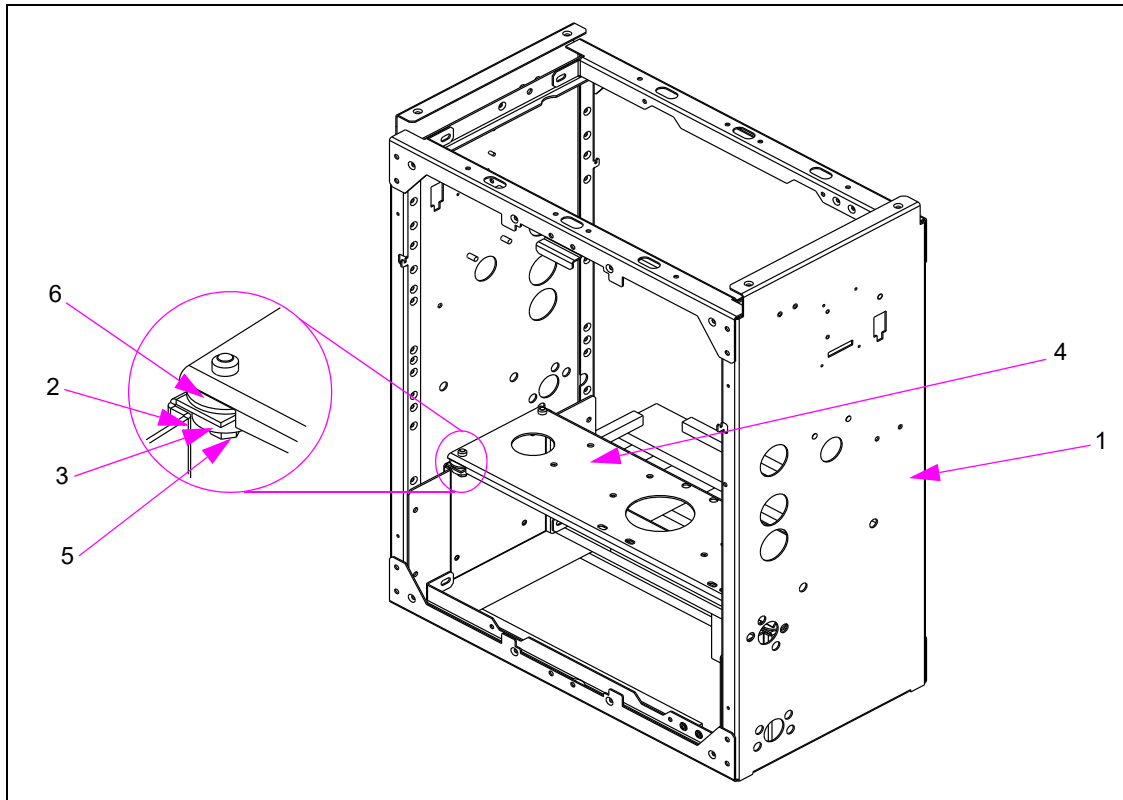
Note: Units built after December 11, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Rail Meter Support	M05537B001	-	2
2	Screw, Metric M8 X 18	M00417B009	-	12

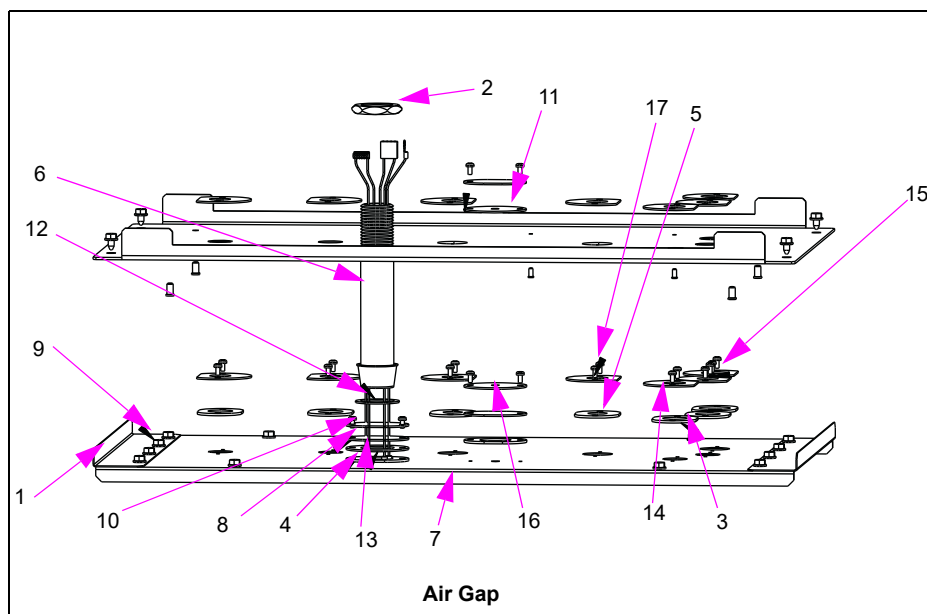
Lower Welded Frame - Ultra-Hi (Self-contained)

Note: Units built after December 11, 2008.



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Frame Weldment	M08928A013	M08928A012	1
2	Mount, Universal	M04871B001	-	4
3	Flat Washer	M00959B008	-	4
4	Assembly, Pump Support Plate	M05536A001	-	1
5	Screw, Metric M8 X 40	M00415B017	-	4
6	Washer, Flat M20 STL ZNPL	M00959B019	-	4

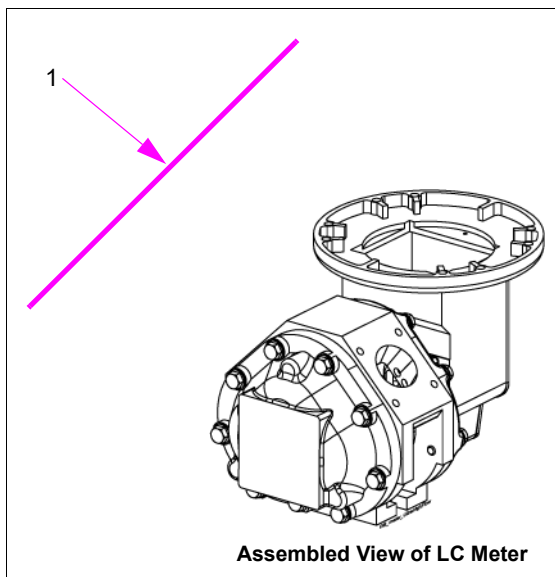
Air Gap



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bracket Vapor Barrier Lower Plate	M05682B001	-	2
2	Conduit Nut 1-11 1/2 NPSL	N23655-01	-	1
3	Gasket, Conduit Seal	N23761-01	-	4
4	Gasket, Conduit Seal	N23761-02	-	3
5	Gasket, Conduit Seal	N23761-03	-	2
6	I.S. Barrier Assembly Front Load	C06766	-	6
7	Plate Vapor Barrier Lower	M05540B002	-	1
8	Plate, Conduit Seal	N23746-01	-	4
9	Screw, Thread Forming, Hexagonal Washer Head M6 X 10	M00417B004	-	16
10	Screw, Thread Forming, Phillips Pan-head M4 X 8	M00417B224	-	20
11	Upper Vapor Barrier ATC and Front Load	M05539A002	-	1
12	Washer Mach, 1.353 X 1.75 X 0.06	N16599-108	068446	1
13	Washer, Conduit Seal	N23760-03	-	1
14	Washer, Conduit Seal	N23760-04	-	8
15	Washer, Conduit Seal	N23760-05	-	2
16	Washer, Conduit Seal	N23760-07	-	2
17	Washer, Conduit Seal	N23760-01	-	4

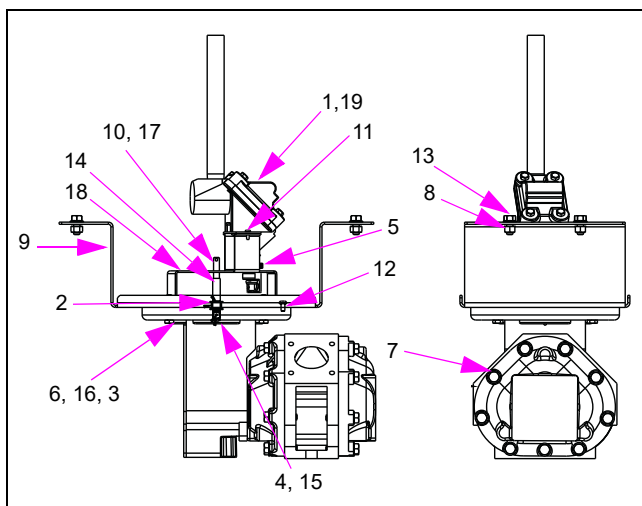
19 – Ultra-Hi Meter and Pulser Section

Liquid Control (LC) Meter



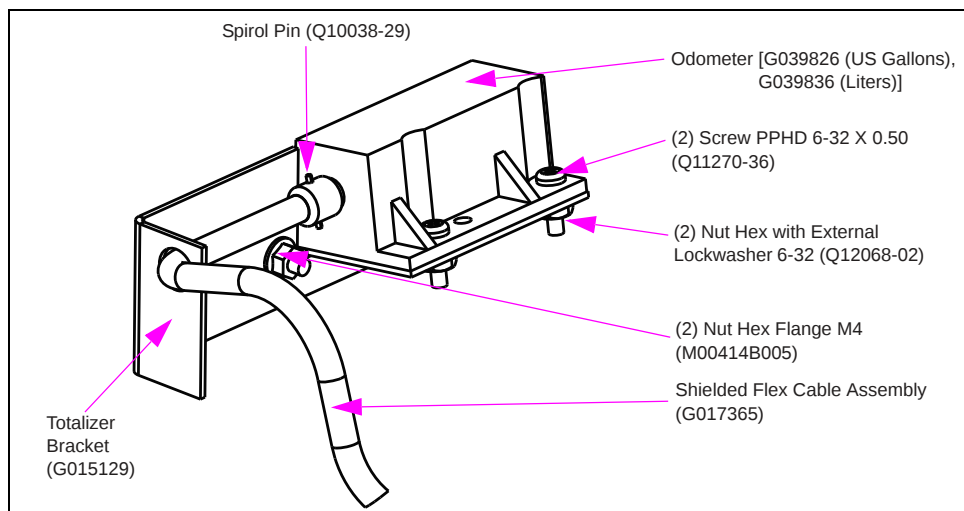
Item #	Description	Current Part	Previous Part	Quantity
1	LC Meter Assembly	T18767	-	1

Meter and Pulser Assembly



Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly Pulser Conduit	M05689A001	-	1
		M05689A002 (see note)	-	1
2	Bearing, Flange	G011948	-	1
3	Bolt Hexagonal Head Finished 1/4-20 X 1.25	K01914-28	-	4
4	Coupling Drive	G022073	-	1
5	Gear Train Assembly 9850A (Gallons)	G028212	-	1
	Gear Train Assembly 9850A (Liters)	G028211	-	1
6	Nut, Hexagonal 1/4-20	K01941	-	4
7	Meter, LCs	T18767	-	1
8	Nut Hexagonal with External Lockwasher 5/16-18 Thread	Q12068-06	-	4
9	Platform, Meter	M05542B001	-	1
		M05542B002 (see note)	-	1
10	Retaining, Ring	K76238-37	-	2
11	Screw, PPMD TMD Forming 6 - 32 X 0.38	Q11769-15	-	2
12	Screw, PPMD Type F Thread Cutting 8 - 32 X 0.25	G053017	-	4
13	Screw, Hexagonal Screw Flange Head 5/16 - 18 X 0.62	Q10253-02	-	4
14	Shaft - 9850 Pulser	G054033	-	1
15	Spirol Pin	Q10038-26	-	1
16	Washer Spring Lock 1/4"	K73278-29	-	4
17	Washer SS	N16599-124	-	2
18	Gear, Spur 60T	G028202	-	1
19	Kit, Optical Encoder Replacement	G013078	-	1
Note: This part is for 9850KXTW1. Units built after August 2007.				

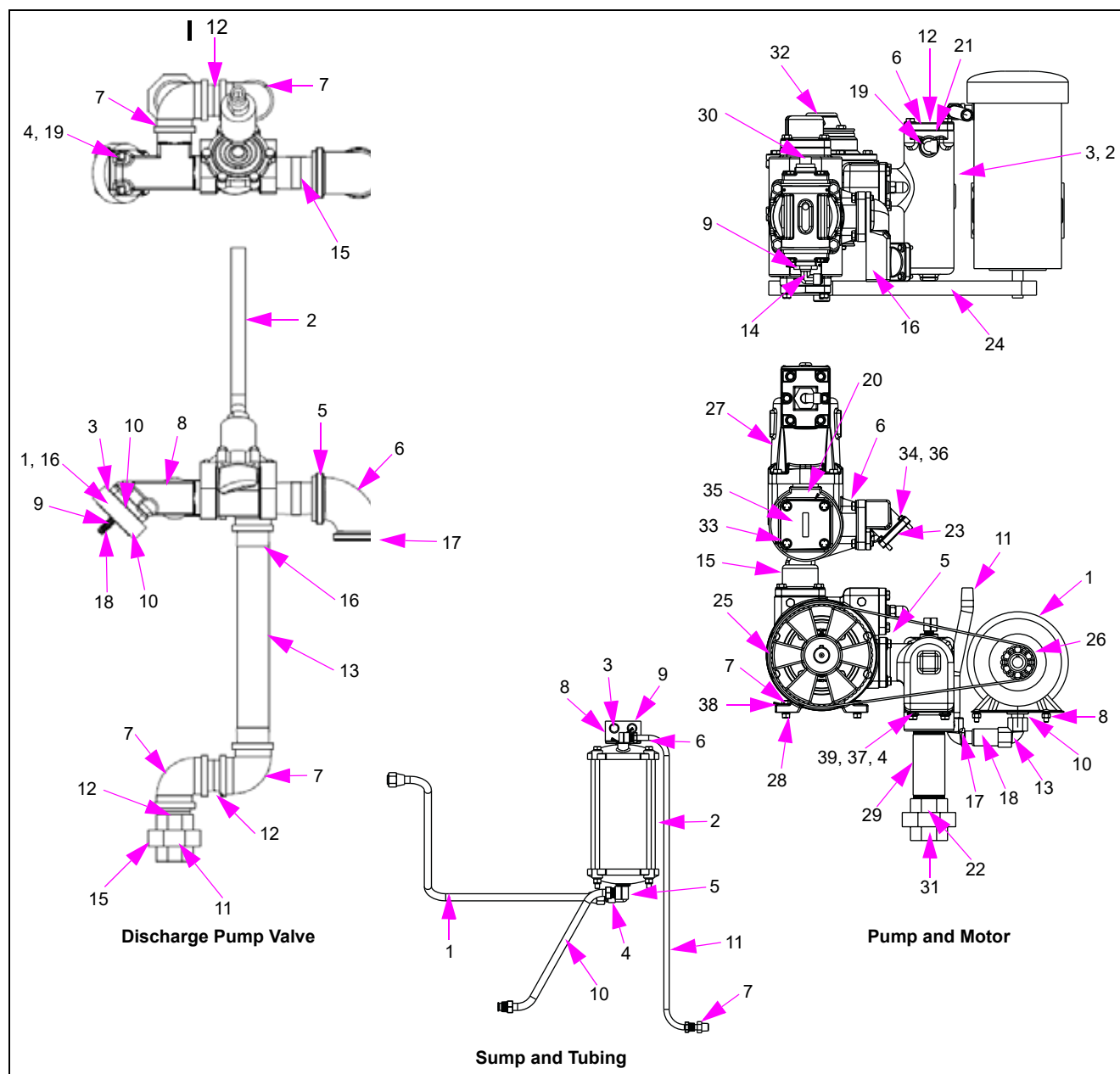
Mechanical Totalizer

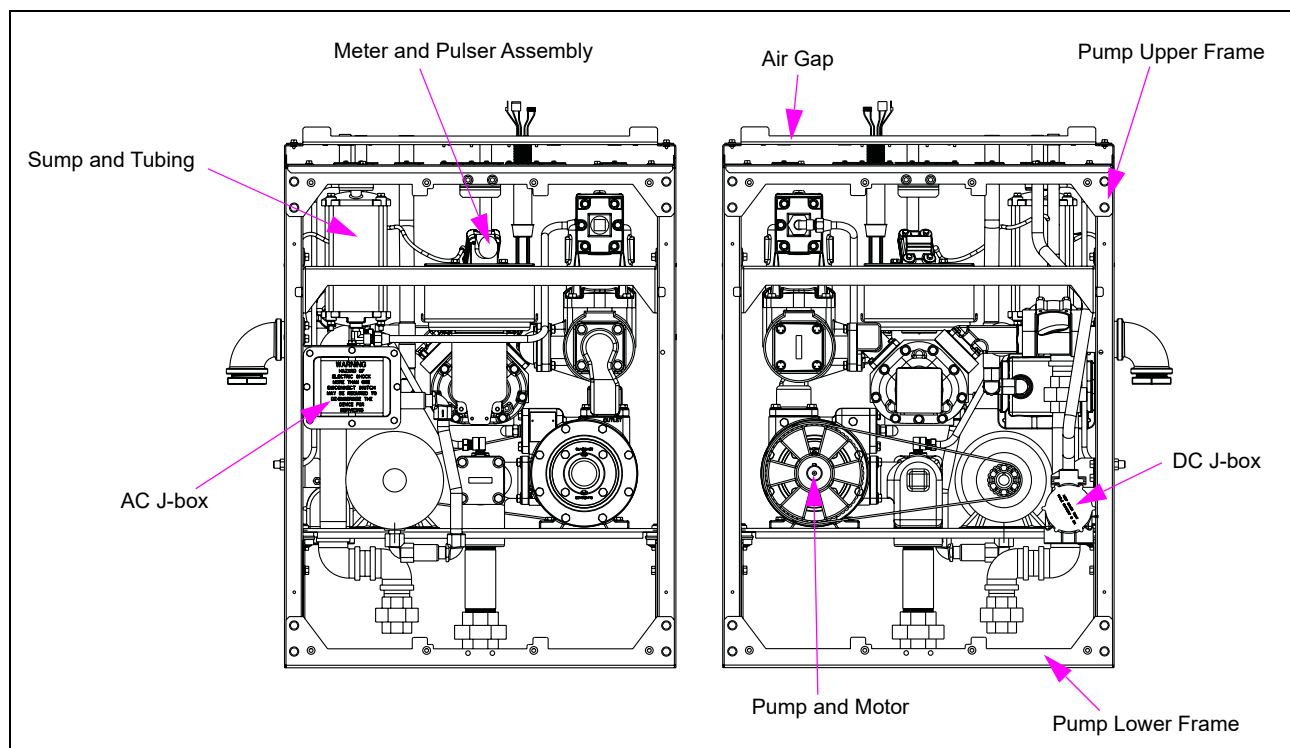


Description	Current Part	Previous Part	Quantity
Not Shown			
Totalizer Window	G069077	-	1
Cotter Pin-meter Gear	K02137-29	-	1
Totalizer Bracket, Front	M16292B001	015129	1

20 – Ultra-Hi Hydraulics Section

9850K Self-contained Pump





Pump and Motor

Item #	Part Description	Current Part	Previous Part	Quantity
1	Motor, 1-1/2 HP 230 V 1PH 60Hz	F37340	-	1
2	Assembly, Strainer 150	G063369	-	1
3	Base - Pump (Strainer Housing)	G003071	-	3
4	Bolt Hexagonal Head Finished 3/8-16 X 0.88	K47659	-	2
5	Bolt Hexagonal Head Finished 3/8-16 X 1.00	K01902	-	8
6	Bolt Hexagonal Head Finished 3/8-16 X 1.25	K01903	-	12
7	Bolt Hexagonal Head Finished 5/16-18 X 1.00	K07565	-	4
8	Bolt, Carriage 5/16 -18 X 3/4	G013030	-	4
9	Bushing, Hexagonal Reducer	G017169	-	1
10	Pipe TBE, 1/2 X 1-1/2 Zinc Plated	R11979-39	-	1
11	Conduit Pump Motor	M05602B001	-	1
12	Cover, Base Pump (Strained Housing)	G003502	-	2
13	Elbow-conduit 1/2 X 90 F/F Casting	G025030	-	1
14	Elbow 90 Flare Male Pipe 3/4	Q10001-20	-	1
15	Elbow Flanged	G003602	-	1
16	Elbow Flanged	G003603	-	1
17	Elbow-conduit 1/2 X 90°	G025045	-	1
18	Expansion Union (Conduit)	N16289-20	-	1
19	Fitting 1/2 C Elbow Inv Flanged	G026045	-	1
20	Gasket - Flange (2-3/4)	G027363	-	1
21	Gasket - Flange (2)	G027361	-	5
22	Gasket - Suction Seal	G054205	-	1
23	Gasket - Flange (1-1/2")	G027362	-	1
24	Gearbelt	G012129	-	1
25	Gearbelt, Pulley	G047611	-	1
26	Gearbelt, Pulley (50 Hz)	G047614	-	1
	Gearbelt, Pulley	G047612	-	1
27	Lock P9567 Air Eliminator/Strainer Assembly (includes A8196)	G063287	-	1
28	Nut Hexagonal with External Lockwasher 5/16 - 18 Thread	Q12068-06	-	8
29	Pipe 2 X 3	R11501-22	-	1
30	Pipe Plug Square Head 1	K02283	-	1
31	Pipe Union, Female	K22468	-	1
32	Pump Blackmer X 2 UA	M04731B101	-	1
33	Screw, 3/8 - 16 X 1 1/4 HHC ZP Grade 5	G052020	-	4
34	Screw, 1/4 - 20 X 1	G051813	-	4
35	Strainer Basket 40 Mesh Lock	G063284	-	1
36	Washer 21/64 X 19/32 X 1/16 P	G068605	-	4
37	Washer 3/8 SAE - N 0.81 X 0.41 X 0.06	K66314	-	22
38	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	8
39	Washer Spring Lock 3/8-inch	K73278-25	-	2

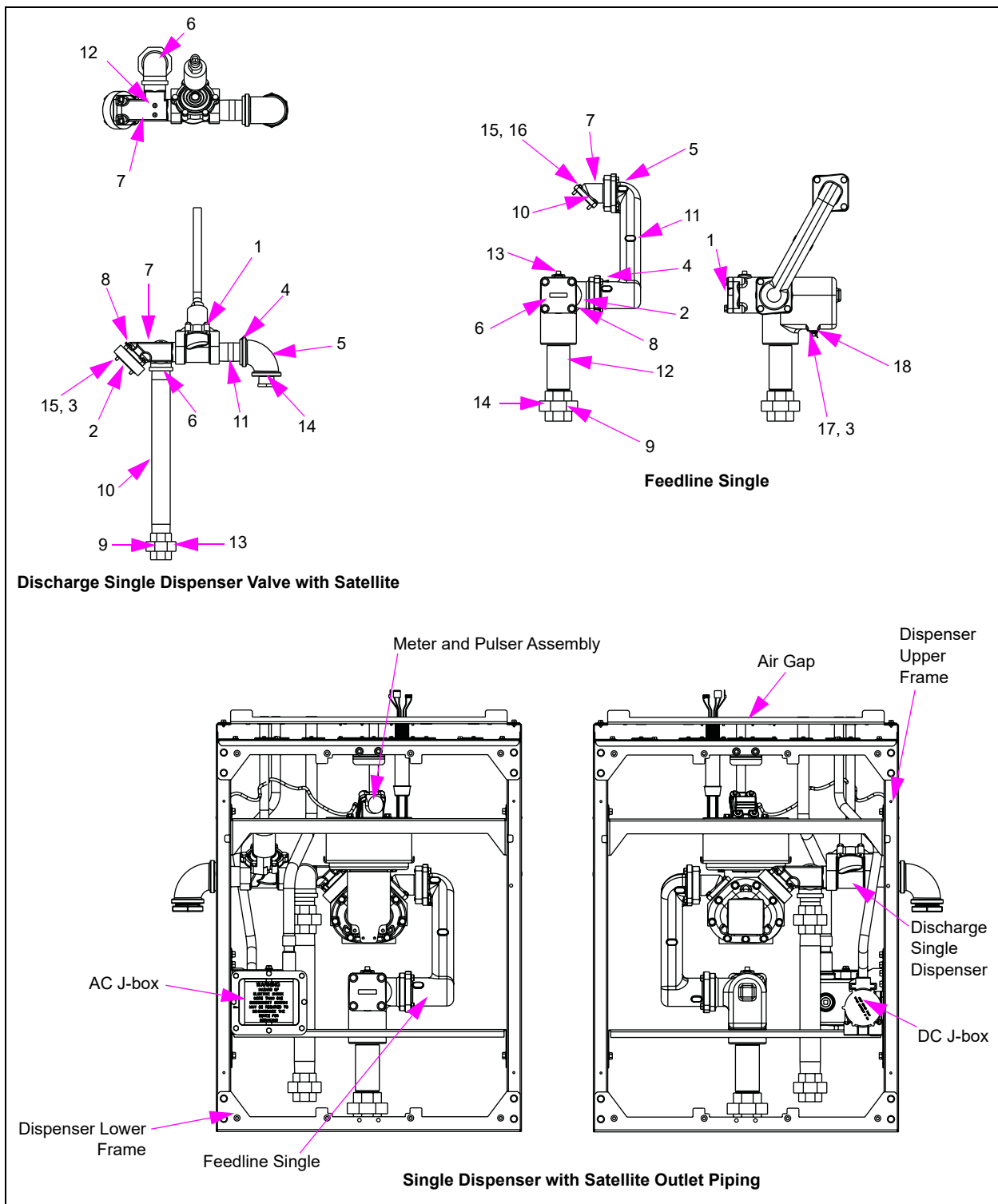
Discharge Pump Valve

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly Check Valve Stem	G062472	-	1
2	Assembly Conduit Valve Single 115 V	M05687A001	-	1
	Assembly Conduit Valve Single 230 V	M05687A002	-	1
3	Body - Check Valve	G012003	-	1
4	Bolt 1/4-20 X 2 HHC	K01914-71	-	4
5	Discharge Grommet	G028975	-	1
6	Elbow 1 1/2 X 1 1/4 X 90 Painted Red	Z07941	-	1
7	Elbow 1-1 1/2 90 150 PSI MI	K46046	-	4
8	Elbow, Meter Discharge	G003608	-	1
	Elbow, Meter Discharge ATC	G097907	-	1
9	Nut Hexagonal Self Lock 10-32	Q10218-05	-	1
10	Gasket Flange (1-1/2")	G027362	-	2
11	Gasket Seal Suction; 2-7/16	G054190	-	1
12	Nipple FE Pipe 1 1/2 X 1.75	R11493-77	-	3
13	Nipple FE Pipe 1 1/2 X 14.00	R11533-28	-	1
14	Nipple FE Pipe 1 1/2 X 3.75	R11493-26	-	1
15	Pipe Union, Female	K12179	-	2
16	Plate Plunger Check Valve	G046050	-	1
17	Reducing Bushing Hexagonal 1 1/4 X 1	K02309-22	-	1
18	Spring - Compression	G057897	-	1
19	Washer 21/ 64 X 19/32 X 1/16 P	G068605	-	4

Sump and Tubing

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Tube Supply	M06615A001	-	1
2	Assembly, Float	G026407	-	1
3	Bracket Sump	M05577B001	-	1
4	Elbow 90° Flare Male Pipe 3/4	Q10001-21	-	1
5	Fitting, 1/2 C Elbow Inv Flanged	G026045	-	1
6	Fitting, 3/8 C Elbow Inv Flanged	G026044	-	1
7	Fittings - Vent Cap	G017915	-	1
8	Screw, Hexagonal Serrated Flange Head 5/16 - 18 X 0.62	Q10253-02	-	1
9	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
10	Tube Assembly Return	M05624A001	-	1
11	Tube Assembly Vent	M05622A001	-	1

9850KX Single Inlet, Single Discharge Dispenser



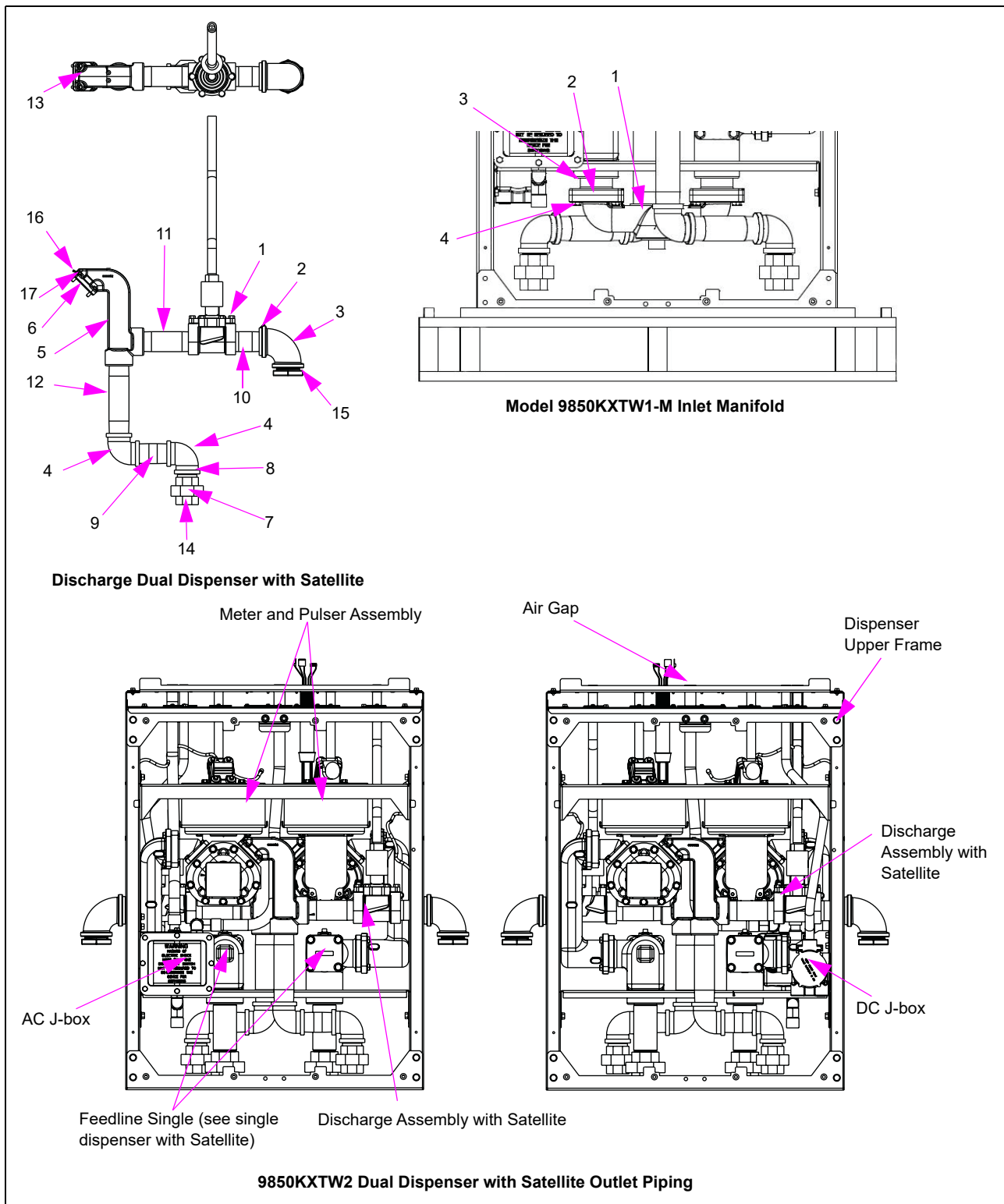
Discharge Single Dispenser Valve with Satellite

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Conduit Valve Single 115 V	M05687A001	-	1
	Assembly, Conduit Valve Single 230 V	M05687A002	-	1
2	Body - Check Valve	G012003	-	-
3	Bolt 1/4-20 X 2 HHC	K01914-71	-	4
4	Discharge Grommet	G028975	-	1
5	Elbow 1-1/2 X 1-1/4 X 90° Painted Red	Z07941	-	1
6	Elbow 1 - 1-1/2 90° 150 PSI MI	K46046	-	1
7	Elbow, Meter Discharge	G003608	-	1
	Elbow, Meter Discharge ATC	G097907	-	1
8	Washer 21/64 X 19/32 X 1/16 P	G068605	-	4
9	Gasket - Seal Suction; 2-7/16	G054190	-	1
10	Nipple FE Pipe 1-1/2 X 18.12	R11493-106	-	1
11	Nipple FE Pipe 1-1/2 X 3.75	R11493-26	-	1
12	Pipe Plug C-sunk 1/8	K46444	-	2
13	Pipe Union, Female	K12179	-	2
14	Reducing Bushing Hexagonal 1-1/4 X 1	K02309-22	-	1
15	Gasket Flange (1-1/2")	G027362	-	2

Feedline Single

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Strainer 150	G063369	-	1
2	Base - Pump (Strainer Housing)	G003071	-	2
3	Bolt Hexagonal Head Finished 3/8-16 X 0.88	K47659	-	6
4	Bolt Hexagonal Head Finished 3/8-16 X 1.00	K01902	-	4
5	Bolt Hexagonal Head Finished 3/8-16 X 1.25	K01903	-	4
6	Cover, Base Pump (Strainer Housing)	G003502	-	1
7	Flanged Elbow	M08350B010	026082	1
8	Gasket - Flange (2")	G027361	-	3
9	Gasket - Suction Seal	G054205	-	1
10	Gasket Flange (1-1/2")	G027362	-	1
11	Manifold Strain/Material Test Report (MTR) 9850AXT	M08776B010	003017	1
12	Pipe Nipple 2 X 3" Steel	R11501-22	-	1
13	Pipe Plug Square Head 3/8	K02280	-	1
14	Pipe Union, Female	K22468	-	1
15	Screw, 1/4 20 X 1	G051813	-	4
16	Washer 21/64 X 19/32 X 1/16 P	G068605	-	4
17	Washer 3/8 SAE - N 0.81 X 0.41 X 0.06	K66314	-	6
18	Washer Spring Lock 3/8-inch	K73278-25	-	2

9850KXTW1 Single Inlet, 9850KXTW2 Dual Inlet, Dual Discharge Dispenser



Discharge Dual Dispenser Valve (115 V) with Satellite

Item #	Part Description	Current Part	Previous Part	Quantity
1	Assembly, Conduit Valve Dual 115 V	M05688A001 (see note 1)	-	2
	Assembly, Conduit Valve Dual 230 V	M05688A002 (see note 1)	-	2
	Assembly, Conduit Valve Dual 115 V	M05687A003 (see note 2)	-	2
	Assembly, Conduit Valve Dual 230 V	M05687A004 (see note 2)	-	2
2	Discharge Grommet	G028975	-	2
3	Elbow 1-1/2 X 1-1/4 X 90° Painted Red	Z07941	-	2
4	Elbow 1 - 1-1/2 90° 150 PSI MI	K46046	-	4
5	Elbow, Meter Discharge 9850 AXTW ATC	G003151	-	2
	Elbow, Meter Discharge 9850 AXTW	G003152	-	2
6	Gasket Flange (1-1/2")	G027362	-	4
7	Gasket - Seal Suction: 2-7/16	G054190	-	2
8	Nipple FE Pipe 1-1/2 X 1.50	R11493-22	-	2
9	Nipple FE Pipe 1-1/2 X 6.56	R11493-46	-	2
10	Nipple FE Pipe 1-1/2 X 4.50	R11493-21	-	2
11	Nipple FE Pipe 1-1/2 X 6.12	R11493-93	-	2
12	Nipple FE Pipe 1-1/2 X 7.50	R11493-20	-	2
	Nipple FE Pipe 1-1/2 X 10.00	R11493-96 (see note 2)	-	2
13	Pipe Plug C-sunk 1/8 ATC	K46444	-	4
14	Pipe Union, Female	K12179	-	2
15	Reducing Brush Hexagonal 1-1/4 X 1	K02309-22	-	2
16	Screw, 1/4 - 20 X 1	G051813	-	8
17	Washer 21/64 X 19/32 X 1/16 P	G068605	-	8

Notes:

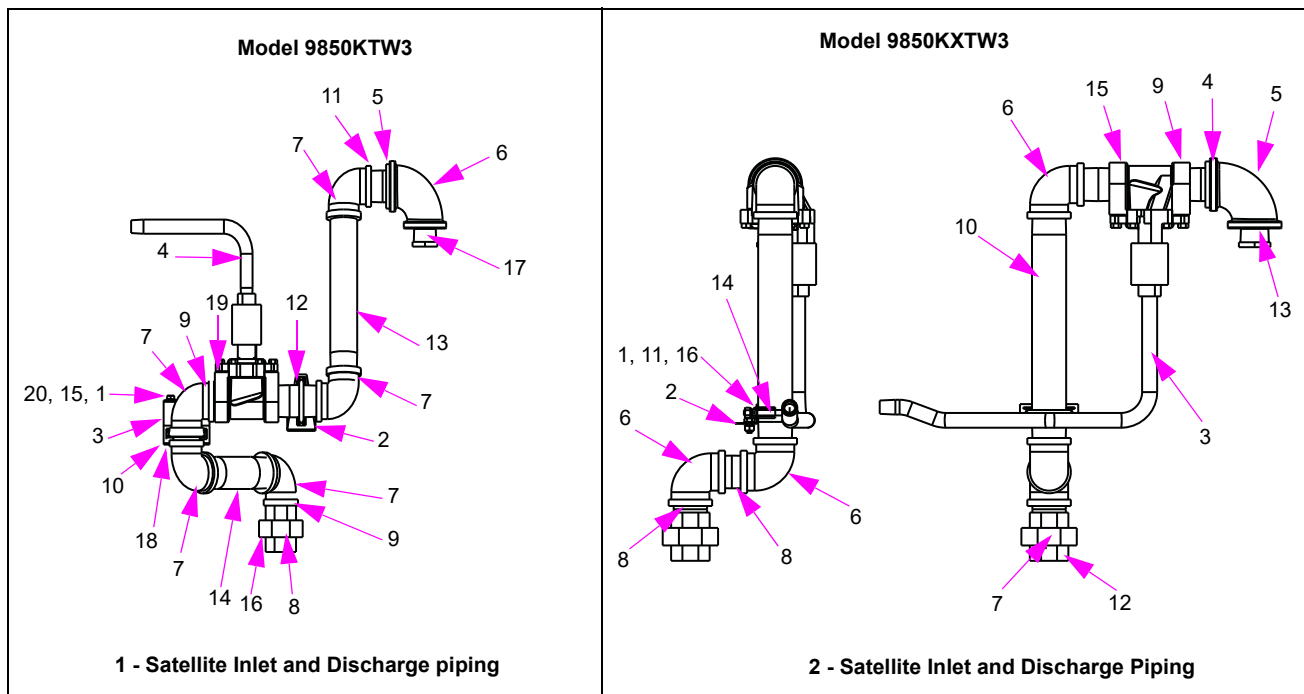
1. This part is for 9850KXTW2.

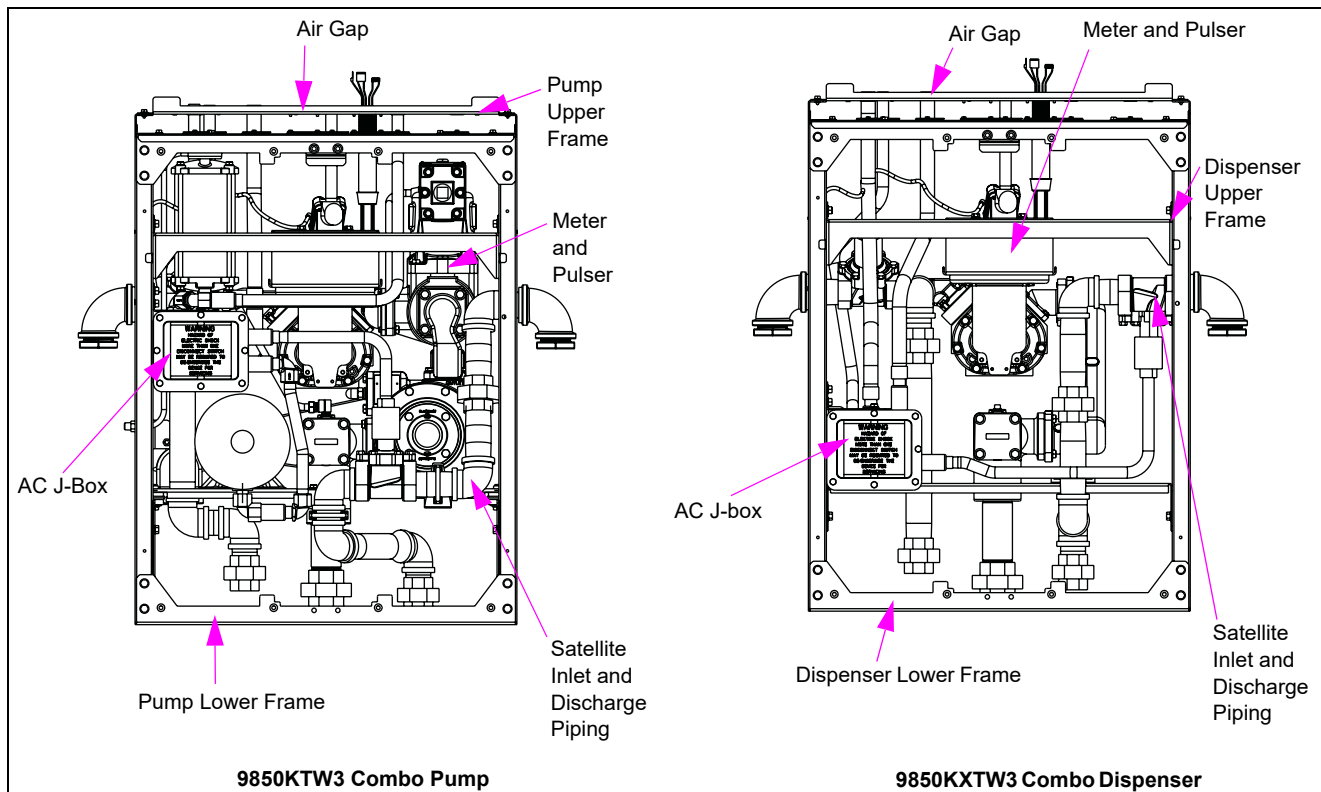
2. This part is for 9850KXTW1 and 9850KSXTW1-M. Units built after August 2007.

Inlet Manifold, Model 9850KXTW1-M

Item #	Part Description	Current Part	Previous Part	Quantity
1	Manifold Strainer 9850AXT W1	G003018	-	1
2	Gasket Meter	G027005	-	2
3	Flange Strainer Machined 9850AXTW1	G026205	-	2
4	Bolt Hexagonal Head Finished 3/8-16 X 1.00	K01902	-	16

Satellite Piping for 9850KTW3 Combo Pump and 9850KXTW3 Combo Dispenser





9850KTW3 Combo Pump

9850KXTW3 Combo Dispenser

Note: All parts for combos are same as standard units except for the addition of satellite inlet and discharge piping.

9850KTW3 Combo Pump

Item #	Part Description	Current Part	Previous Part	Quantity
1	Bolt Hexagonal Head Finished 5/16-18 X 0.16	K51194	-	4
2	Bracket Master/Satellite Combo Pump 1	M06085B001	-	1
3	Bracket Master/Satellite Combo Pump 2	M06086B001	-	1
4	Conduit Combo Pump/Satellite	M05600B001	-	1
5	Discharge Grommet	G028975	-	1
6	Elbow 1-1/2 X 1-1/4 X 90° Painted Red	Z07941	-	1
7	Elbow 1 - 1-1/2 90° 150 PSI MI	K46046	-	5
8	Gasket - Seal Suction: 2-7/16	G054190	-	1
9	Nipple FE Pipe 1-1/2 X 1.38 EH	R11493-58	-	2
10	Nipple FE Pipe 1-1/2 X 1.75 EH	R11493-77	-	1
11	Nipple FE Pipe 1-1/2 X 2.62	R11493-30	-	1
12	Nipple FE Pipe 1-1/2 X 4.00	R11493-90	-	1
13	Nipple FE Pipe 1-1/2 X 10.38	R11493-108	-	1
14	Nipple FE Pipe 1-1/2 X 6.56	R11493-46	-	1
15	Nut Hexagonal with External Lockwasher 5/16 -18 Thread	Q12068-06	-	4
16	Pipe Union, Female	K12179	-	1
17	Reducing Bushing Hexagonal 1-1/4 X 1	K02309-22	-	1
18	U-bolt 1-1/2"	G013294	-	2
19	VI Solenoid 1.5" Skin 2STG 115 V	G067028	-	1
	VI Solenoid 1.5" Skin 2STG 230 V	G067062	-	1
20	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	4

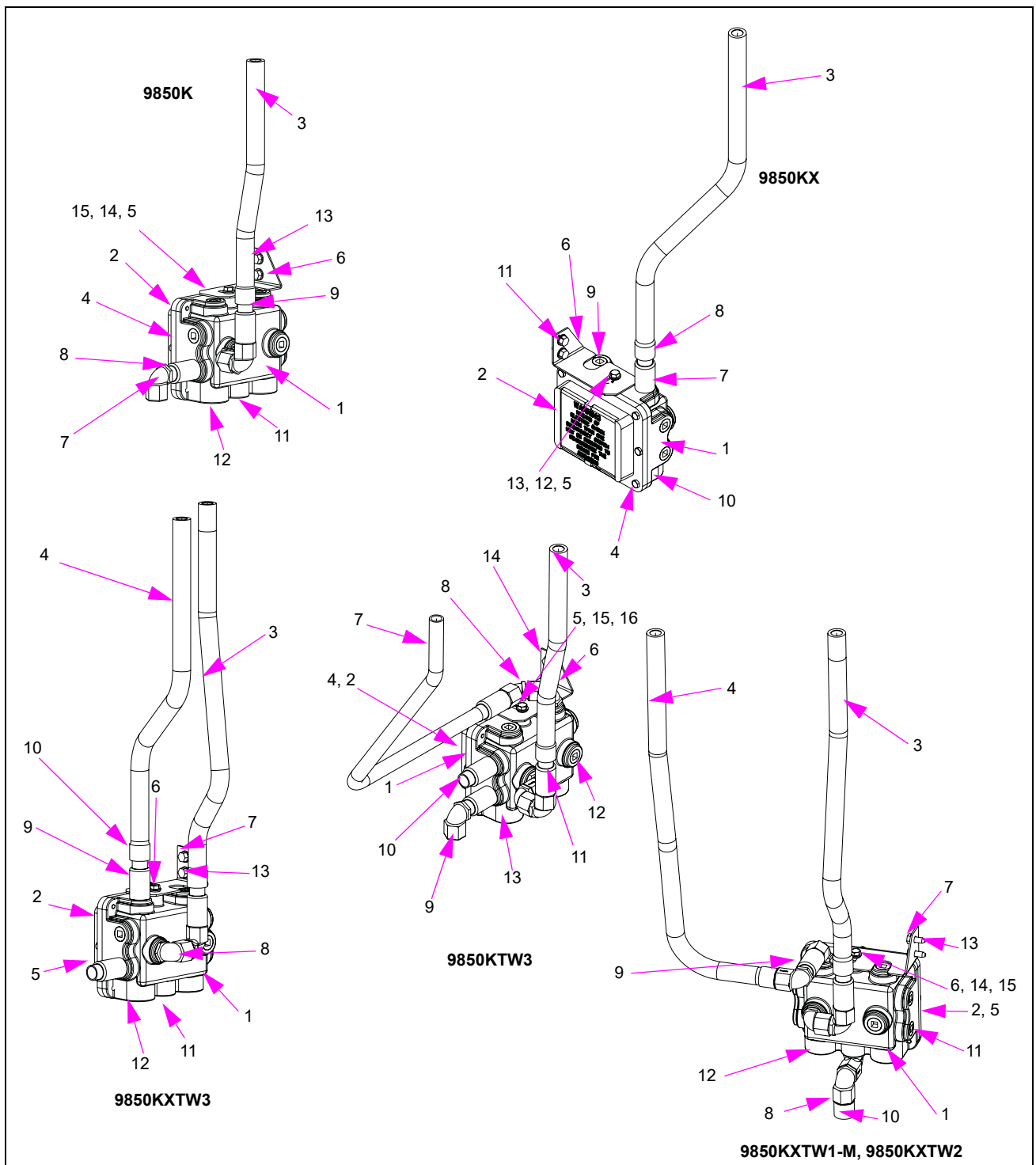
9850KXTW3 Combo Dispenser

Item #	Part Description	Current Part	Previous Part	Quantity
1	Bolt Hexagonal Head Finished 5/16-18 X 0.16	K51194	-	2
2	Bracket Master/Satellite Combo Dispenser	M06087B001	-	1
3	Conduit Combo Dispenser/Satellite	M05601B001	-	1
4	Discharge Grommet	G028975	-	1
5	Elbow 1-1/2 X 1-1/4 X 90° Painted Red	Z07941	-	1
6	Elbow 1 - 1-1/2 90° 150 PSI MI	K46046	-	3
7	Gasket - Seal Suction: 2-7/16	G054190	-	1
8	Nipple FE Pipe 1-1/2 X 1.75	R11493-77	-	2
9	Nipple FE Pipe 1-1/2 X 2.62	R11493-30	-	2
10	Nipple FE Pipe 1-1/2 X 13.88	R11493-107	-	1
11	Nut Hexagonal with External Lockwasher 5/16 -18 Thread	Q12068-06	-	2
12	Pipe Union, Female	K12179	-	1
13	Reducing Bushing Hexagonal 1-1/4 X 1	K02309-22	-	1
14	U-bolt 1-1/2"	G013294	-	1
15	VL Solenoid 1.5" Skin 2STG 115 V	G067028	-	1
	VL Solenoid 1.5" Skin 2STG 230 V	G067062	-	1
16	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	2

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21 – Ultra-Hi J-box and Conduit Section

AC J-box and Conduit



9850K

Item #	Part Description	Current Part	Previous Part	Quantity
1	AC J-box, Mach 8753E	G003116	-	1
2	AC J-box, Cover	G003117	-	1
3	Assembly, Conduit AC Pump	M05685A002	-	1
4	Bolt Hexagonal Head Finished 1/4 - 20 X 0.88	K56467	-	8
5	Screw, 5/16-18 X 3/4 HHC	Q10624-01	-	1
6	Bracket J-box, AC	M05575B001	-	1
7	Elbow, Conduit 1/2 X 90°	G025045	-	2
8	Expansion Union (Conduit)	N16289-20	-	2
9	Male Conduit Enlargers (NPT)	K81090-20	-	1
10	Pipe Plug C-sunk 1/2	K43850	-	7
11	Pipe Plug C-sunk 3/4	K57624	-	1
12	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
13	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	1
14	Lockwasher, 5/16 PL	K73278-28	-	1
Not Shown				
-	Nut 10-32 Ground Screw	G067500	-	1
-	Terminal Wire Ring	G064874	-	1
-	Screw, 10-32 X 3/8 BND Head SLT	G052976	-	1

9850KX

Item #	Part Description	Current Part	Previous Part	Quantity
1	AC J-box, Mach 8753E	G003116	-	1
2	AC J-box, Cover	G003117	-	1
3	Assembly, Conduit AC Single	M05684A002	-	1
4	Bolt Hexagonal Head Finished 1/4 - 20 X 0.88	K56467	-	8
5	Screw, 5/16-18 X 3/4 HHC	Q10624-01	-	1
6	Bracket J-box, AC	M05575B001	-	1
7	Expansion Union (Conduit)	N16289-20	-	1
8	Male Conduit Enlargers (NPT)	K81090-20	-	1
9	Pipe Plug C-sunk 1/2	K43850	-	8
10	Pipe Plug C-sunk 3/4	K57624	-	1
11	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
12	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	1
13	Lockwasher, 5/16 PL	K73278-28	-	1
Not Shown				
-	Nut 10-32 Ground Screw	G067500	-	1
-	Screw, 10-32 X 3/8 BND Head SLT	G052976	-	1
-	Terminal Wire Ring	G064874	-	1

9850KXTW3

Item #	Part Description	Current Part	Previous Part	Quantity
1	AC J-box, Mach 8753E	G003116	-	1
2	AC J-box, Cover	G003117	-	1
3	AC Satellite Conduit and Wire Assembly	M07275A004	-	1
4	Assembly, Conduit AC Single	M05684A002	-	1
5	Bolt Hexagonal Head Finished 1/4 - 20 X 0.88	K56467	-	8
6	Bolt Hexagonal Head Finished 5/16 - 18 X 0.75	Q10624-01	-	1
7	Bracket J-box, AC	M05575B001	-	1
8	Elbow, Conduit 1/2 X 90°	G025045	-	2
9	Expansion Union (Conduit)	N16289-20	-	3
10	Male Conduit Enlargers (NPT)	K81090-20	-	2
11	Pipe Plug C-sunk 1/2	K43850	-	6
12	Pipe Plug C-sunk 3/4	K57624	-	1
13	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
Not Shown				
-	Nut 10-32 Ground Screw	G067500	-	1
-	Screw, 10-32 X 3/8 BND Head SLT	G052976	-	1
-	Terminal, Wire Ring	G064874	-	1
-	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	1
-	Lockwasher, 5/16 PL	K73278-28	-	1

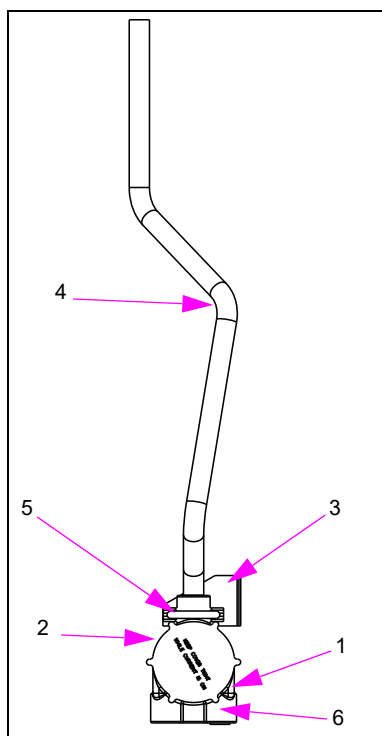
9850KTW3

Item #	Part Description	Current Part	Previous Part	Quantity
1	AC J-box, Mach 8753E	G003116	-	1
2	AC J-box, Cover	G003117	-	1
3	Assembly, Conduit AC Pump	M05685A002	-	1
4	Bolt Hexagonal Head Finished 1/4 - 20 X 0.88	K56467	-	8
5	Bolt Hexagonal Head Finished 5/16 - 18 X 0.75	Q10624-01	-	1
6	Bracket J-box, AC	M05575B001	-	1
7	AC Satellite Conduit and Wire Assembly	M07275A002	-	1
8	Elbow, Conduit 1/2 X 45	G025015	-	2
9	Elbow, Conduit 1/2 X 90°	G025045	-	3
10	Expansion Union (Conduit)	N16289-20	-	4
11	Male Conduit Enlargers (NPT)	K81090-20	-	1
12	Pipe Plug C-sunk 1/2	K43850	-	5
13	Pipe Plug C-sunk 3/4	K57624	-	1
14	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
15	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	1
16	Lockwasher, 5/16 PL	K73278-28	-	1
Not Shown				
-	Nut 10-32 Ground Screw	G067500	-	1
-	Screw, 10-32 X 3/8 BND Head SLT	G052976	-	1
-	Terminal, Wire Ring	G064874	-	1

9850KXTW1, 9850KXTW1-M, 9850KXTW2

Item #	Part Description	Current Part	Previous Part	Quantity
1	AC J-box, Mach 8753E	G003116	-	1
2	AC J-box, Cover	G003117	-	1
3	AC Conduit and Wire Assembly	M05686A002 (see note 1)	-	1
		M05686A003 (see note 2)	-	1
4	Conduit AC Single	M05692A002 (see note 1)	-	1
		M05692A003 (see note 2)	-	1
5	Bolt Hexagonal Head Finished 1/4 - 20 X 0.88	K56467	-	8
6	Bolt Hexagonal Head Finished 5/16 - 18 X 0.75	Q10624-01	-	1
7	Bracket J-box, AC	M05575B001	-	1
8	Elbow, Conduit 1/2 X 90°	G025045	-	6
9	Expansion Union (Conduit)	N16289-20	-	2
10	Male Conduit Enlargers (NPT)	K81090-20	-	3
11	Pipe Plug C-sunk 1/2	K43850	-	6
12	Pipe Plug C-sunk 3/4	K57624	-	1
13	Screw, Thread Forming, Hexagonal Washer Head M8 X 18	M00417B009	-	2
14	Washer 5/16 SAE - N 0.69 X 0.34 X 0.06	K65235-33	-	1
15	Lockwasher, 5/16 PL	K73278-28	-	1
Not Shown				
-	Nut 10-32 Ground Screw	G067500	-	1
-	Screw, 10-32 X 3/8 BND Head SLT	G052976	-	1
-	Terminal, Wire Ring	G064874	-	1
Notes: 1. This part is for 9850KXTW2. 2. This part is for 9850KXTW1 and 9850KXTW1-M. Units built after August 2007.				

DC J-box and Conduit

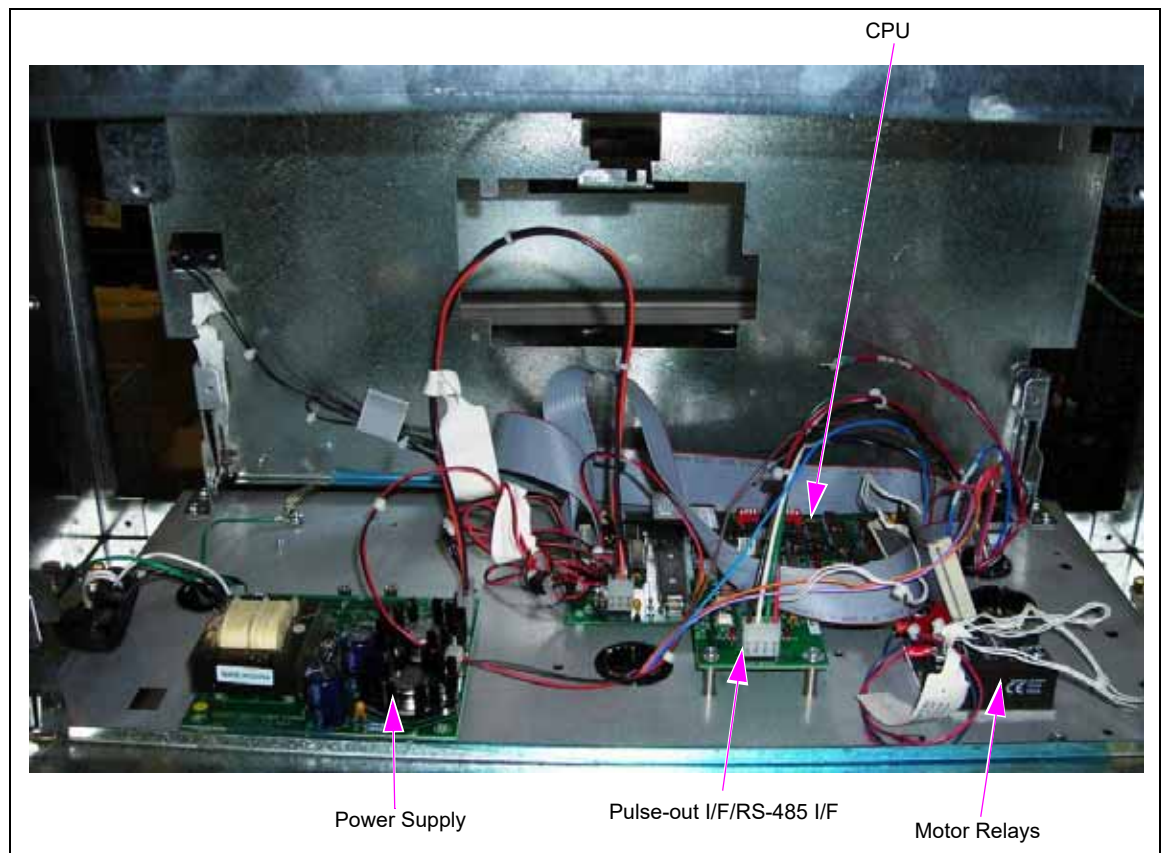


Item #	Part Description	Current Part	Previous Part	Quantity
1	J-box	G003337	-	1
2	Cover, J-box	G003461	-	1
3	Bracket, DC J-box	M05576B001	-	1
4	Assembly, DC Conduit and Wire - TopKAT	M05683A002	-	1
	Assembly, DC Conduit and Wire - Pulse-out/RS-485	M05683A004	-	1
	Assembly, DC Conduit and Wire - TopKAT PLUS	M05683A006	-	1
	Assembly, DC Conduit and Wire - Atlas PRIME	M05683A007	-	1
5	U-bolt and Bracket	G013295	-	1
6	Pipe Plug, 1/2"	K43850	-	1

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22 – Ultra-Hi Electronics Section

Commercial Rear View



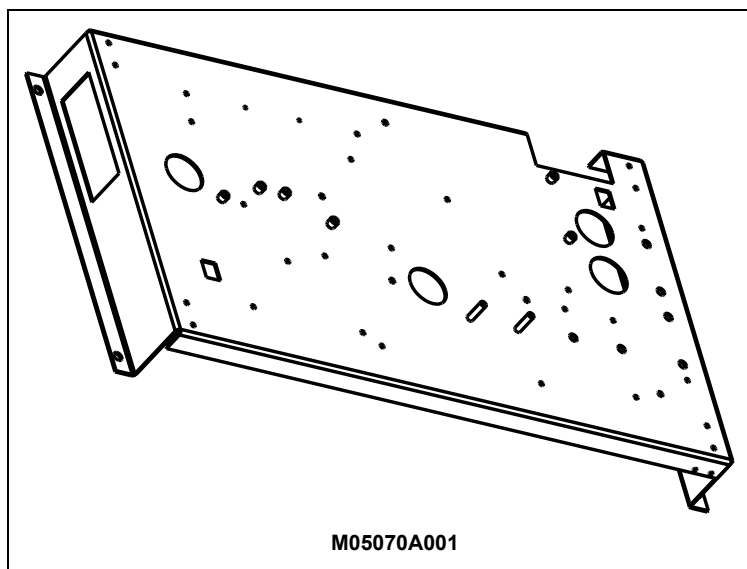
Power Supply

Refer to “[Commercial Ultra-Hi PCBs](#)” on [page 23-1](#).

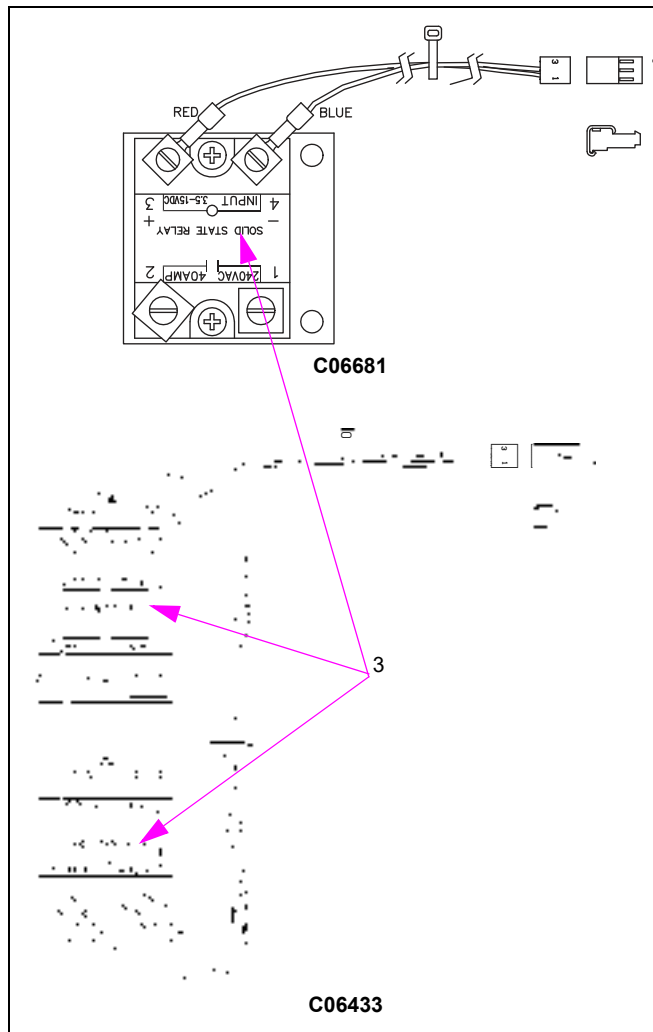
CPU

Refer to “[Commercial Ultra-Hi PCBs](#)” on [page 23-1](#).

Base Electronics Mounting Platform



Motor Relay Ultra-Hi



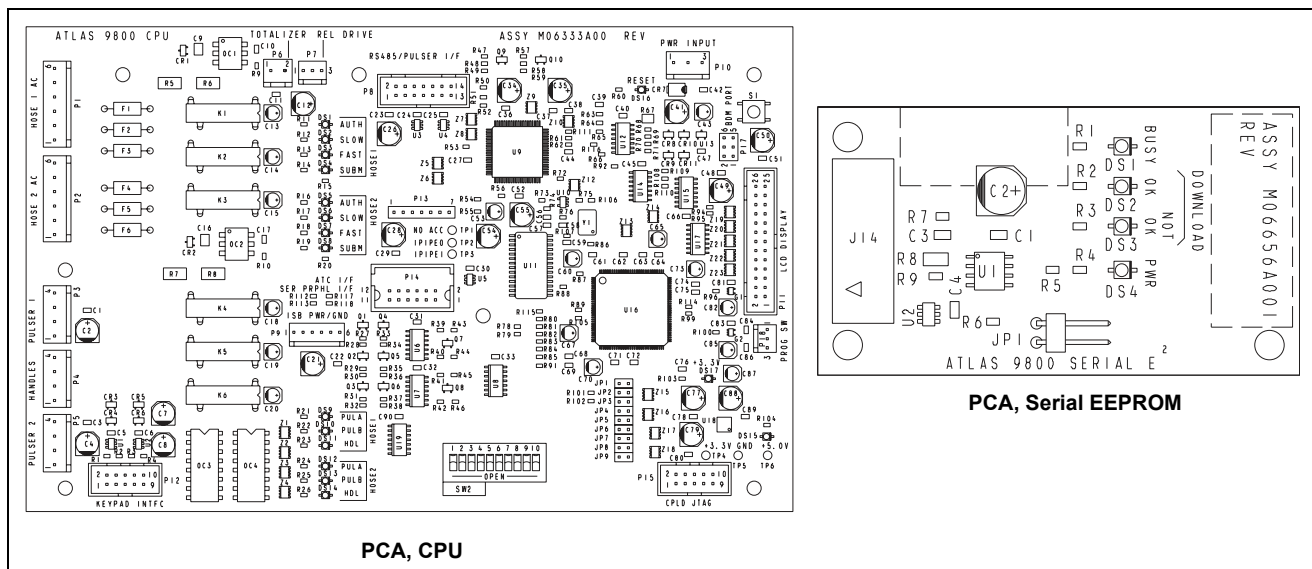
Item #	Part Description	Current Part	Previous Part	Quantity
1	Motor Relay, Single	C06681	-	1
2	Motor Relay, Dual	C06433	-	1
3	Relay 24-280 VAC, 40A Solid State	Q11008-01	-	1

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23 – Ultra-Hi Commercial PCBs

Commercial Ultra-Hi PCBs

PCA (CPU and Serial EEPROM)

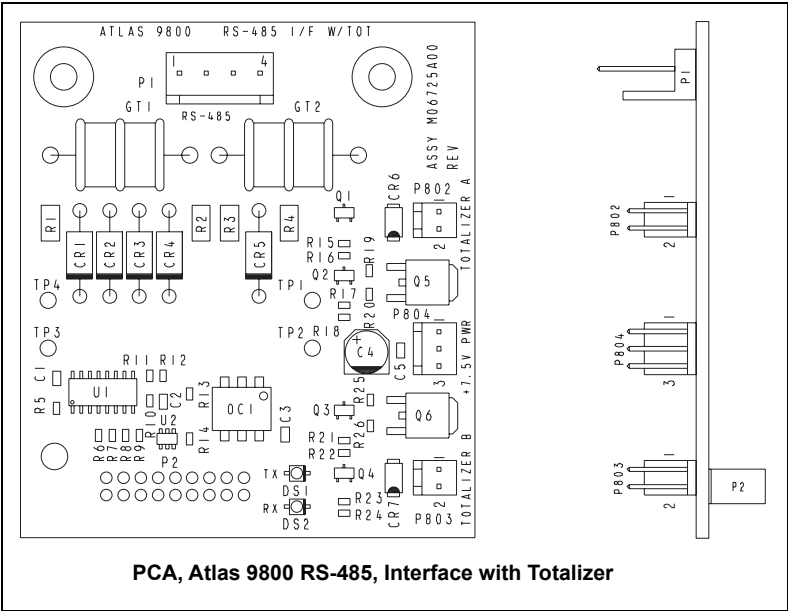
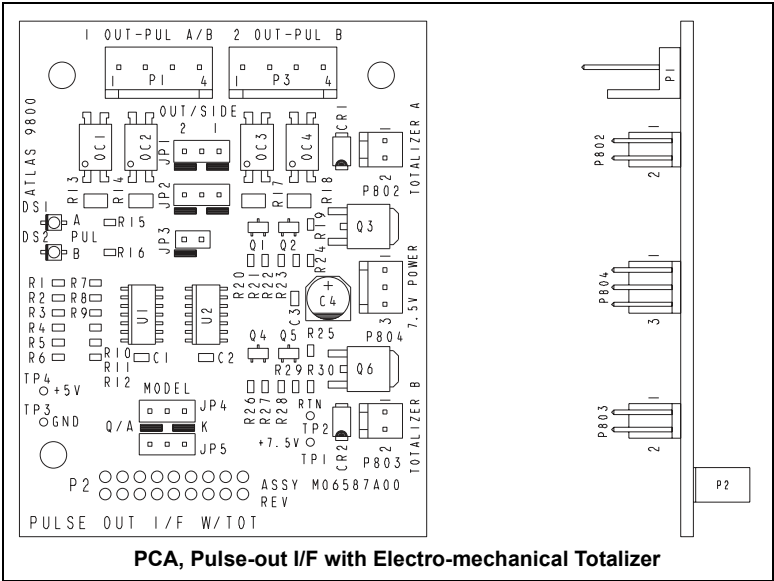


Part Description	Current Part	Previous Part	Quantity	Software Type
PCA, Atlas 9800 CPU, Dual, 115 V/230 V (see notes 1 and 2)	M06333K9850 (Models: 9850A/Q/K)	C06394 / C06503	1	Ultra-Hi 9850
Fuse, 1A, 250V, Fast Blow F1-6	Q13070-07	-	6	-
PCA, Atlas 9800 Serial EEPROM (Reprogramming card for M06333KXXXX CPU PCA)	M06656K002	N/A	1	Ultra-Hi 9850

Notes:

1. M06333KXXXX requires an Atlas 9800 Power Supply (M07588A00X or M15579K001).
2. M06333KXXXX requires an ATC Kit M08218K001 for models 9850A/Q, 9850K, 9852A/Q, 9853A/Q, 9840A/Q, where ATC is present.

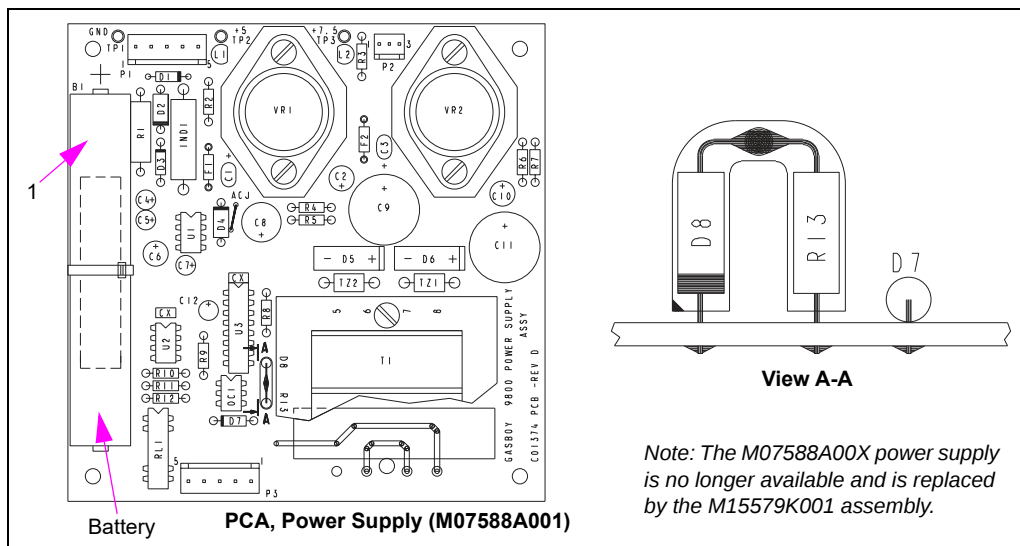
Pulse-out I/F/RS-485 I/F



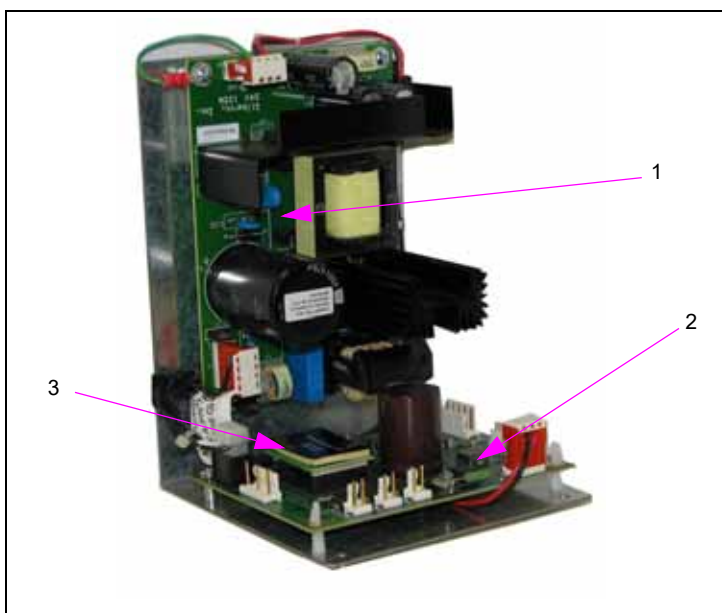
Item #	Part Description	Current Part	Previous Part	Quantity
1	PCA Atlas 9800, Pulse-out I/F (Dual Common/Distinct Outputs, Two Dual Common Outputs) with Electro-mechanical Totalizer*	M06587A001	C06425 (Dual Distinct Outputs) C06746 (Dual Common Outputs)	1
2	PCA, Atlas 9800 RS-485, Interface with Totalizer*	M06725A001	C06389 (obsolete)	1

*Electro-mechanical totalizers are not available on Ultra-Hi units.

Ultra-Hi Power Supply



Atlas Power Supply Assembly Kit (M15579K001)



Item #	Part Description	Current Part	Previous Part	Quantity
1	PCA, 24VDC Power Supply	M10996A001	-	1
2	PCA, ATLAS DC-DC Converter	M15321A001	-	1
3	PCA, Fuse Block	M07362A002	-	1



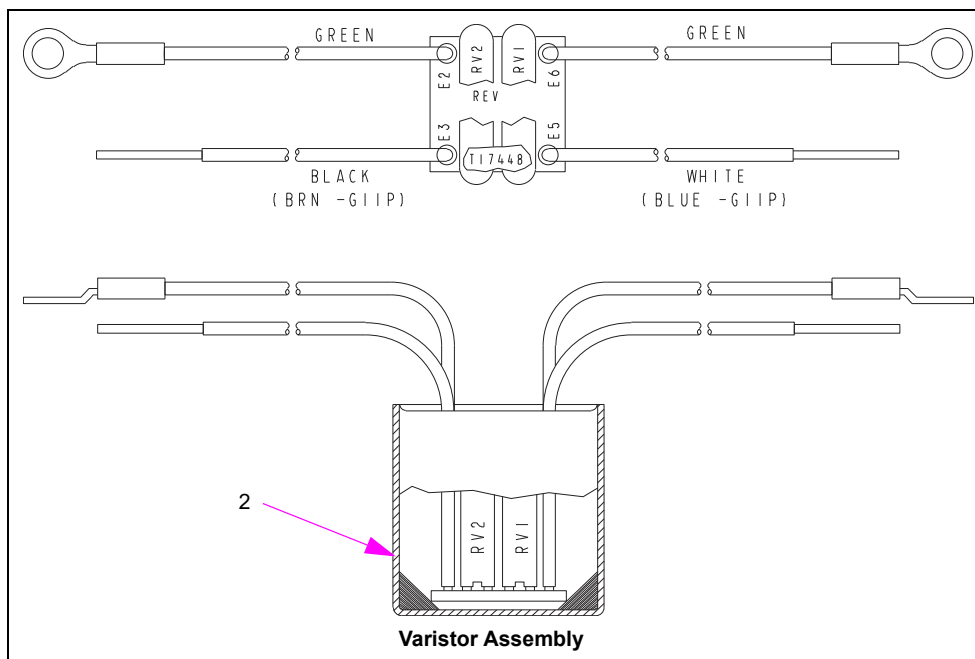
24 VDC Power Supply (M10996A001)



Atlas DC-DC Converter PCA (M15321A001)



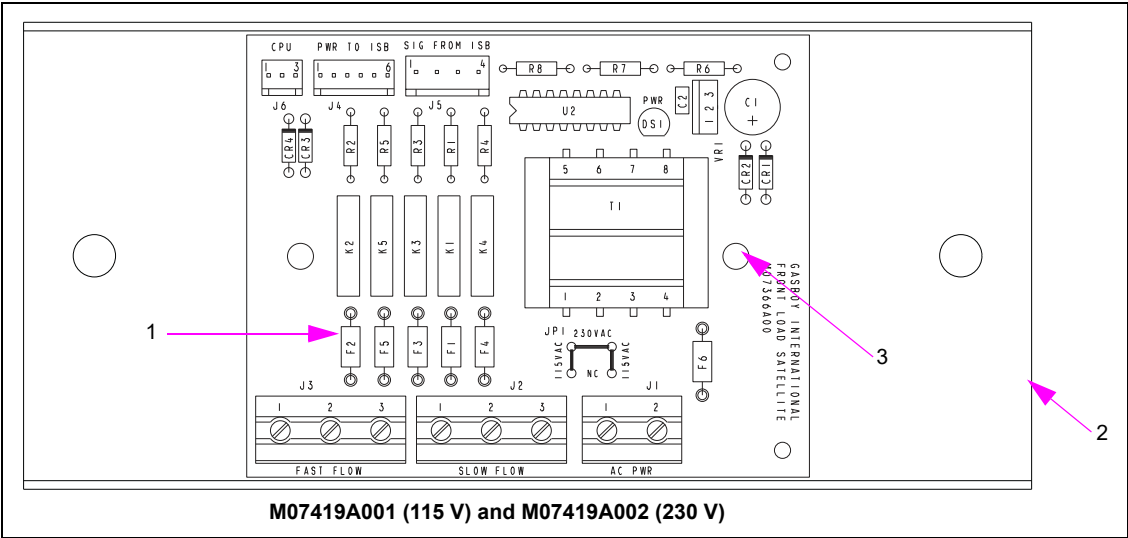
Fuse Block PCA (M07362A002)



Item #	Part Description	Current Part	Previous Part	Quantity
1	Kit, Atlas 9800 Power Supply, 115 V (needed to replace old battery backed-up supplies)	M12421K00X	M07588A001, C06397	1
	Atlas 9800 Power Supply Assembly, 115 V	M15579K001	M07588A002, C06396	1
	Kit, Atlas 9800 Power Supply, 230 V (needed to replace old battery backed-up supplies)	M12422K00X	M07588A003, C06489	1
	Atlas 9800 Power Supply Assembly, 230 V	M15579K001	M07588A004, C06488	1
2	Varistor Assembly, 115 V	T17448-G1	-	1
	Varistor Assembly, 230/380 V	T17448-G3	-	1

Note: For M12421K00X and M12422K00X Kits, the number of displays needed define the kit number. If only one display is needed, the kit number is either M12421K001 or M12422K001. For two display, the kit number is M12421K002 or M12422K002. And if four displays are needed, the kit number is M12421K003 or M12422K003.

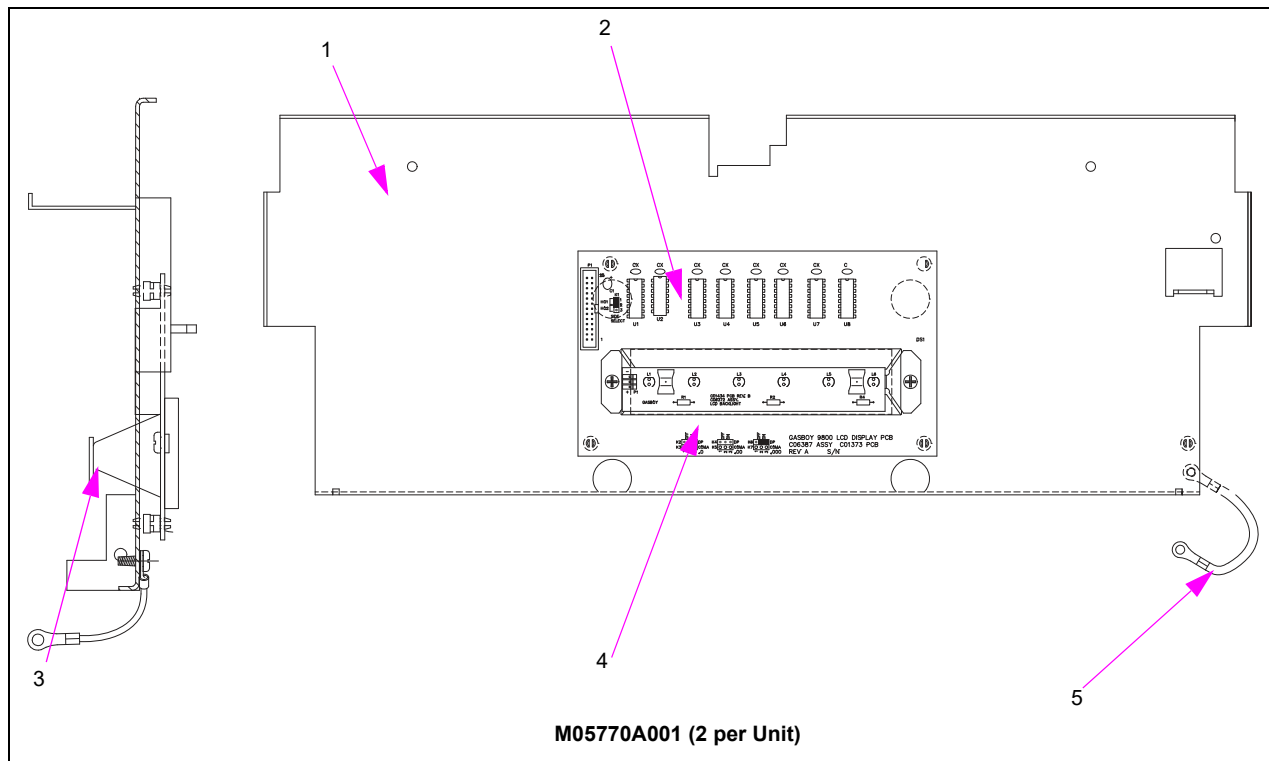
Combo Satellite Control Board



Item #	Part Description	Current Part	Previous Part	Quantity
1	Board, SAT Control 115 V	M07366A001	-	1
	Board, SAT Control 230 V	M07366A002	-	1
2	Bracket, SAT Board	M07276A001	-	1
3	Screw, Metric Pan-head SEMS M4 X 12	Q12845-59	-	2
Not Shown				
-	Circuit Board Support	Q10651-46	-	4

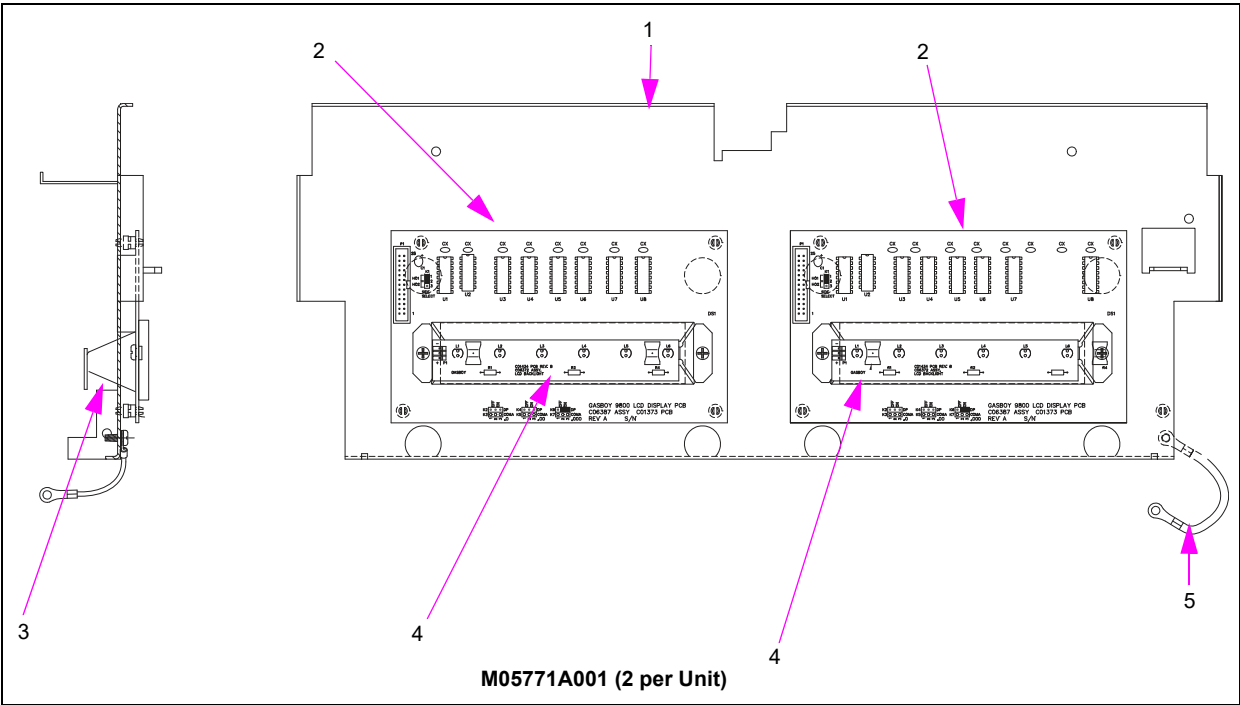
Displays and Display Panels

Ultra-Hi Display Panel and PCBs - Single and Combo Dual



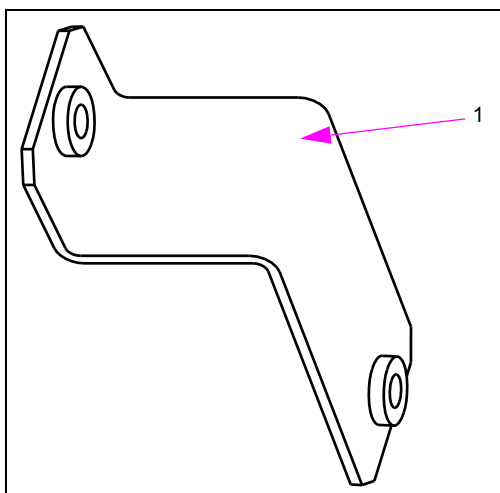
Item #	Part Description	Current Part	Previous Part	Quantity
1	Panel PCB Support Single	M05641B001	-	1
2	PCB Assembly, LCD Display	M12158A004	C06387	1
3	Reflector LCD-backlight (for C06387 display)	C35399	-	1
4	PCB Assembly, LED Sale Backlight (for C06387 display)	C06372	-	1
	PCB Assembly, LED Sale Backlight (for M11714A002 display)	M12019A001	-	1
5	Cable Assembly, Ground #8R+Braid	C06178	-	1
Not Shown				
-	Mounting Button, 0.031/0.094 Grip	C09701	-	2

Ultra-Hi Display Panel and PCBs - Dual Side Load



Item #	Part Description	Current Part	Previous Part	Quantity
1	Panel PCB Support Dual	M05642B001	-	1
2	PCB Assembly, LCD Display	M12158A004	C06387	2
3	Reflector LCD-backlight (for C06387 Display)	C35399	-	2
4	PCB Assembly, LED Sale Backlight (for C06387 Display)	C06372	-	2
	PCB Assembly, LED Sale Backlight (for M11714A002 Display)	M12019A001	-	2
5	Cable Assembly, Ground #8R+Braid	C06454	-	1
Not Shown				
-	Mounting Button, 0.031/0.094 Grip	C09701	-	4

Display Panel Stop Bracket



Item #	Part Description	Current Part	Previous Part	Quantity
1	Bracket, PC Board Support	M05611A002	M05611A001	1

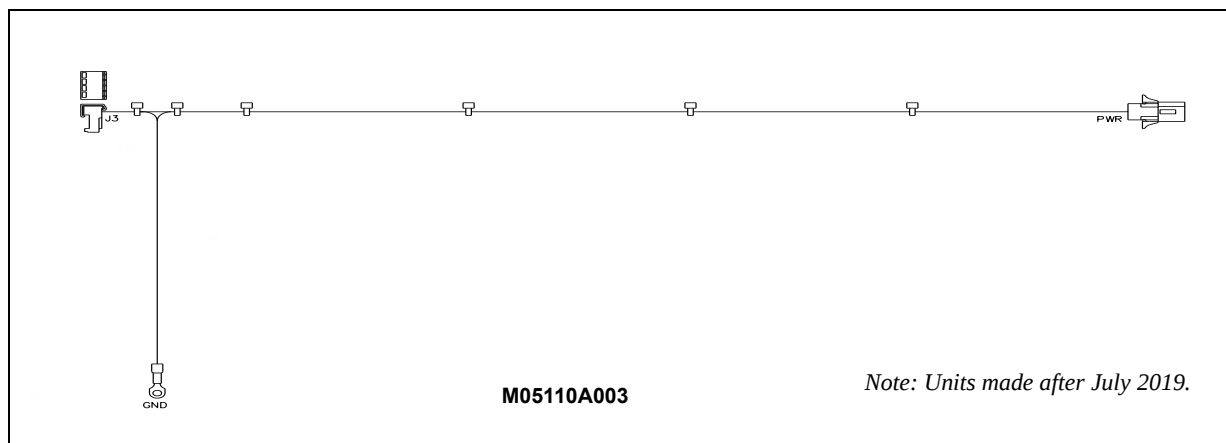
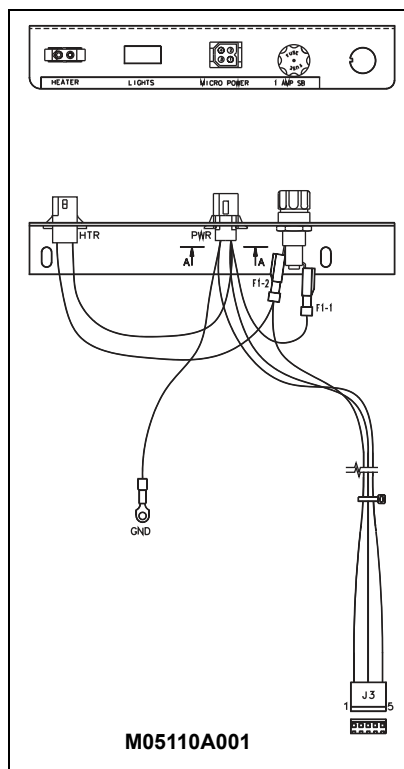
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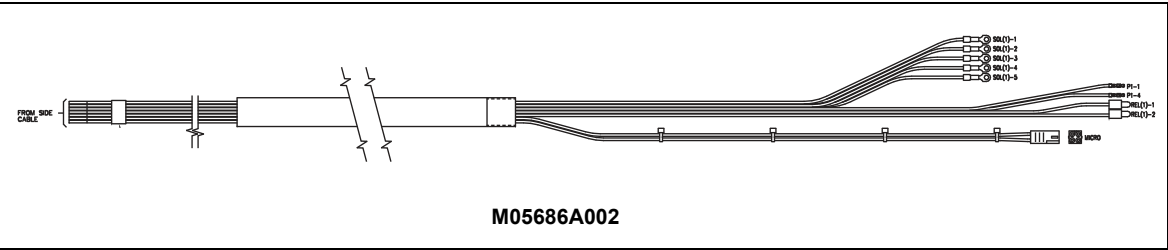
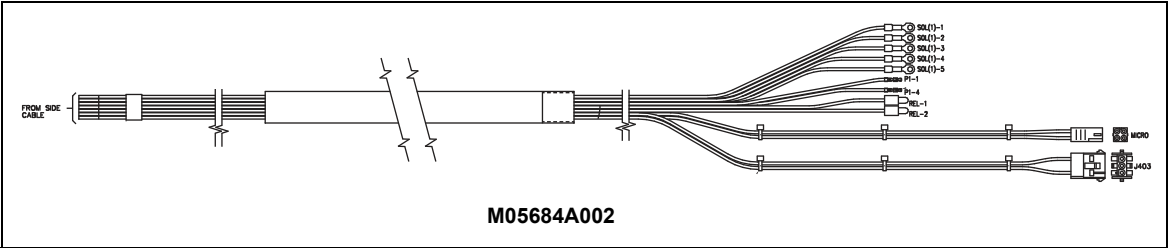
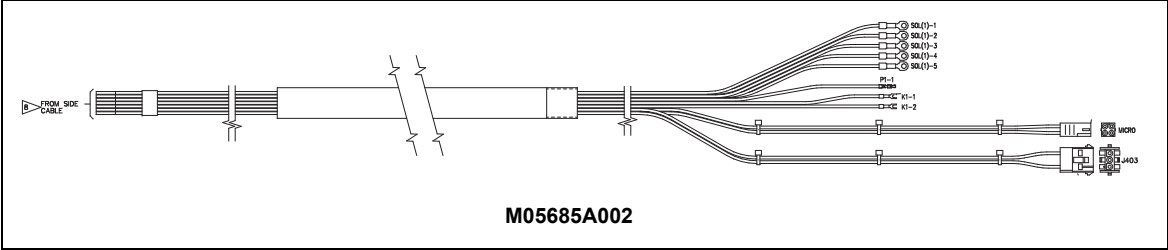
24 – Ultra-Hi Commercial Cables

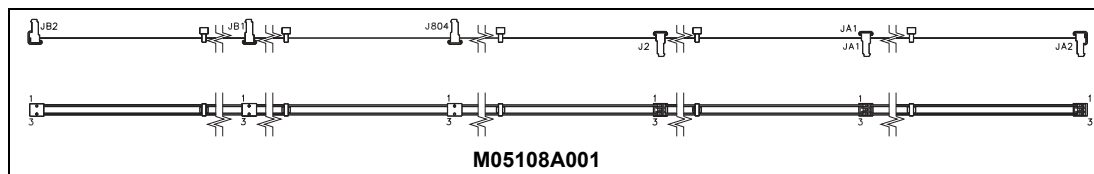
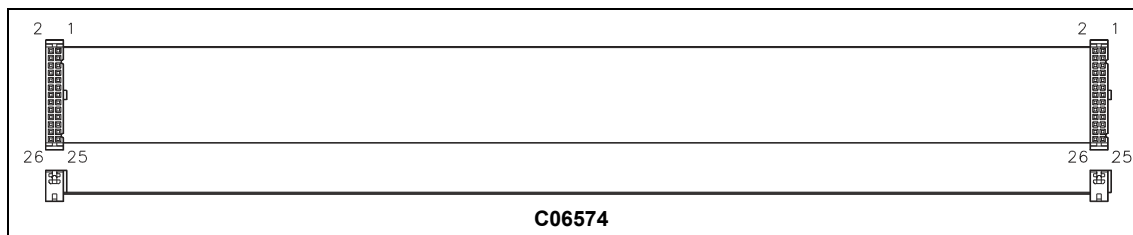
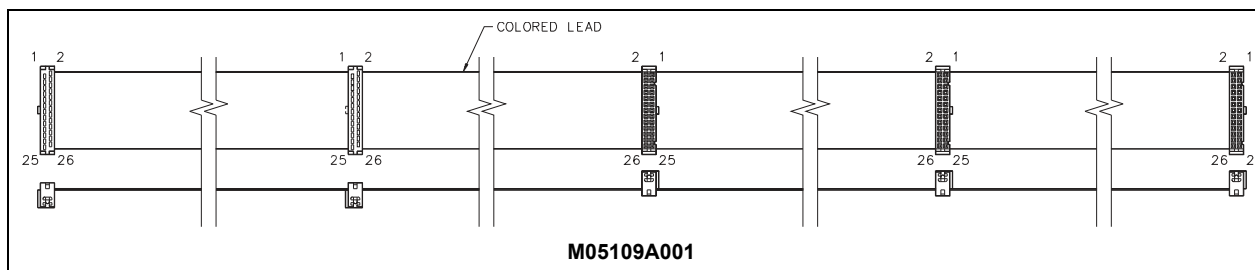
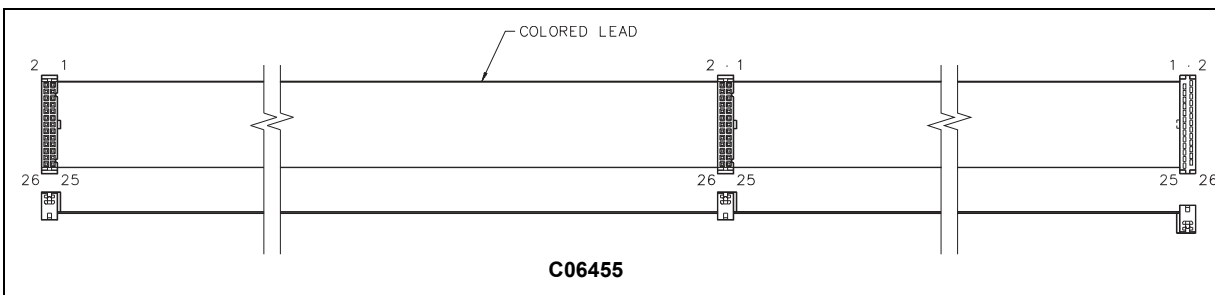
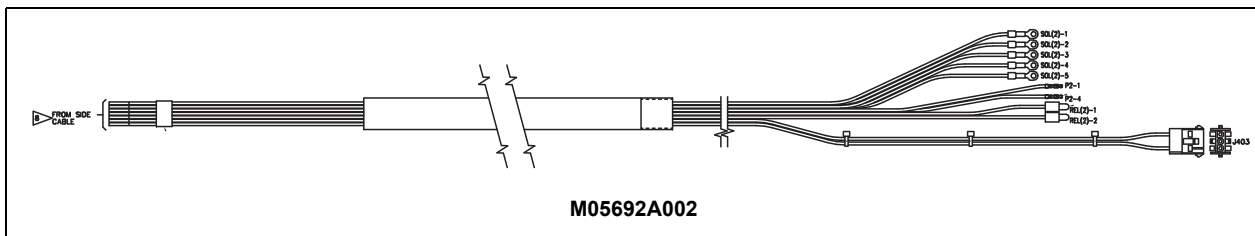
Commercial Ultra-Hi Cables

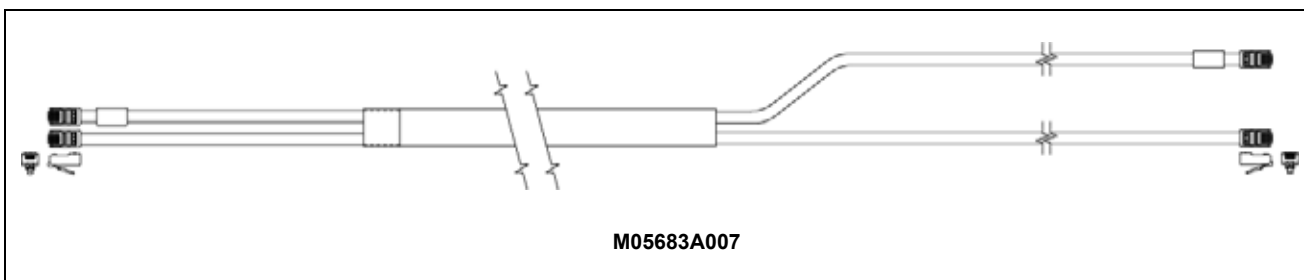
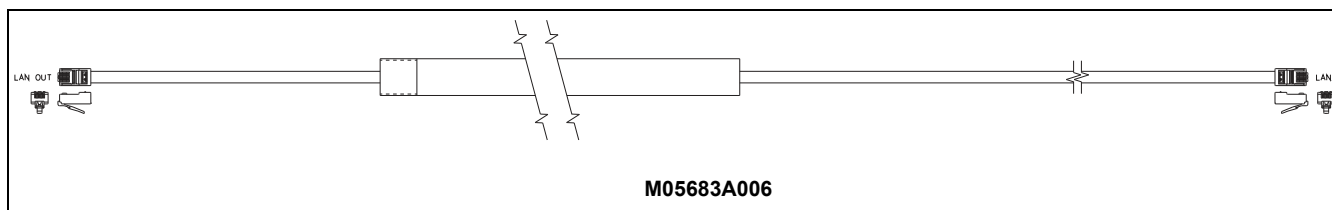
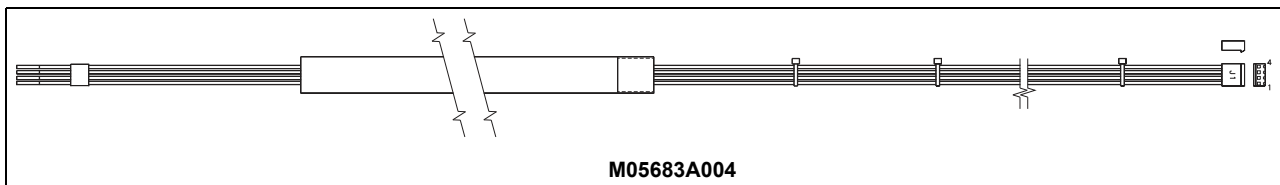
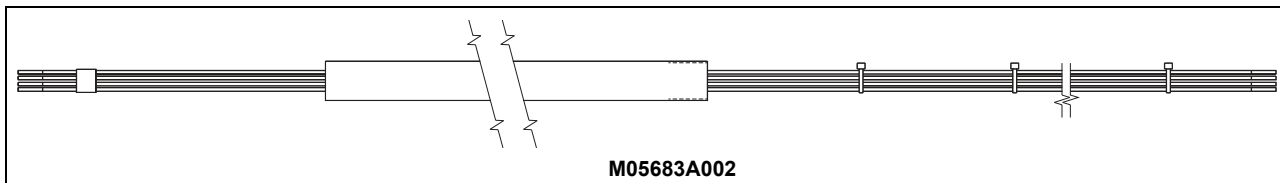
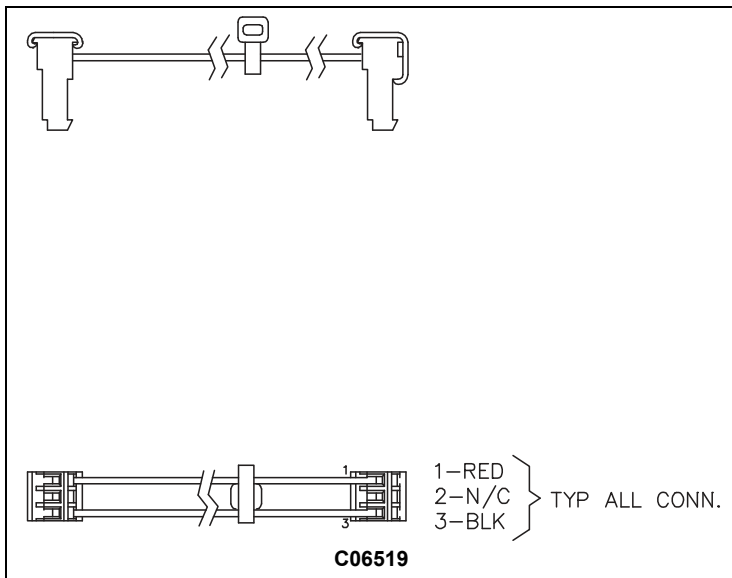
Note: For cable block diagrams, refer to MDE-4334 Commercial and Retail Series Atlas Start-up/Service Manual.

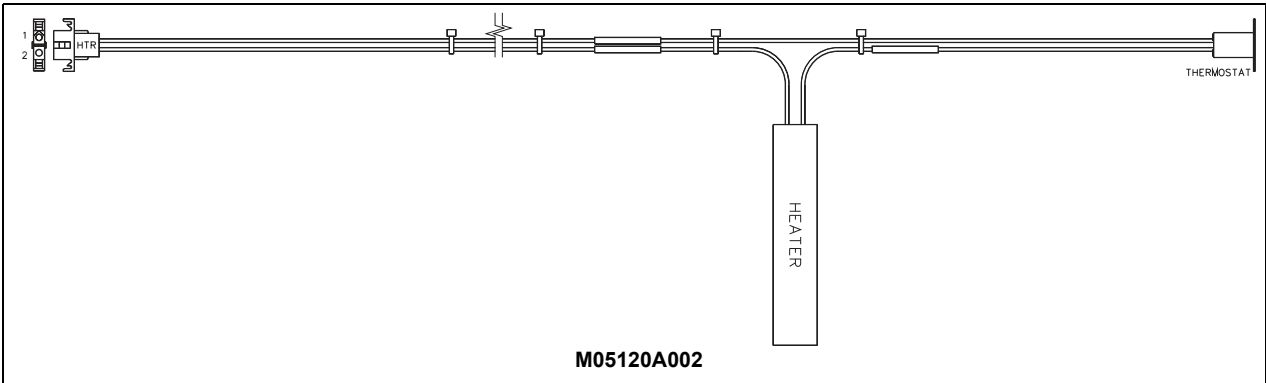
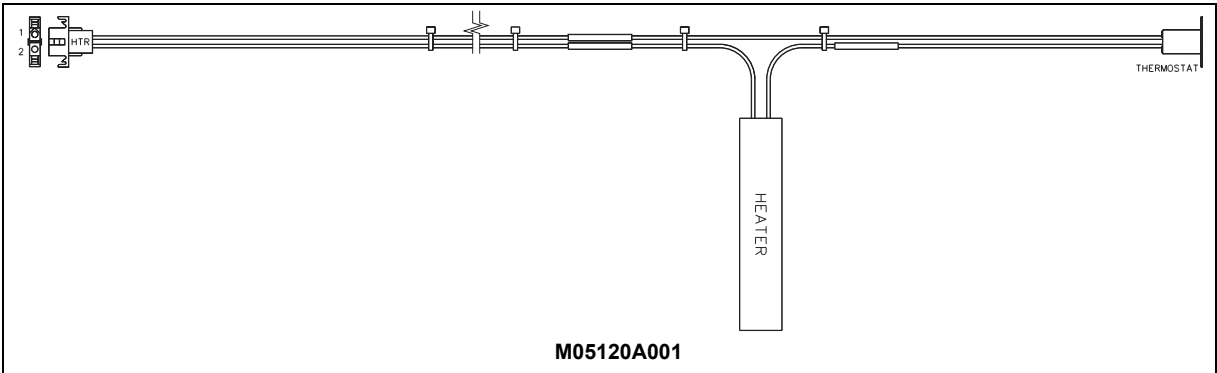
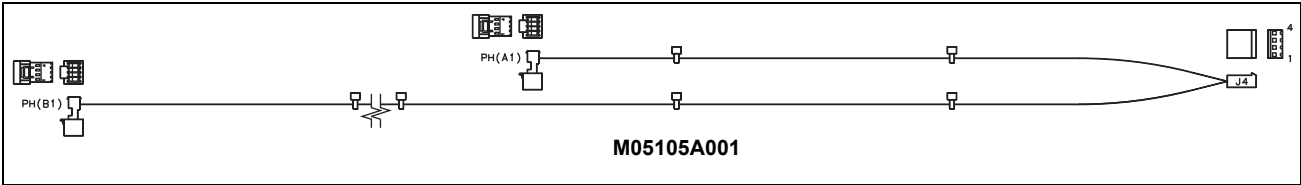
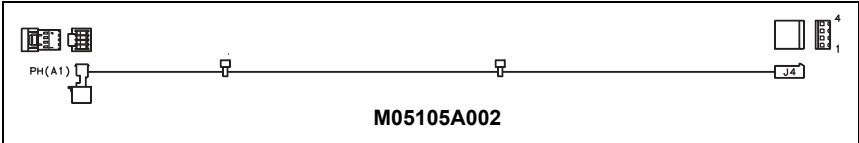
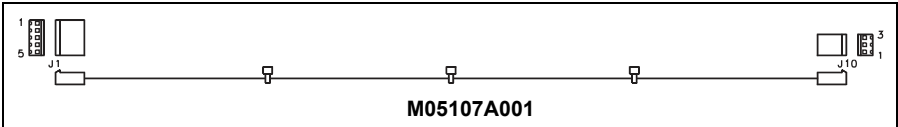
Part Description	Current Part	Previous Part
AC Fuse Cable Assembly	M05110A001	-
AC Cable Assembly, Atlas Commercial	M05110A003	-
Main AC Power Conduit and Wire Assembly - Pump	M05685A002	-
Main AC Power Conduit and Wire Assembly - Single Dispenser	M05684A002	-
Main AC Power Conduit and Wire Assembly - Dual Dispenser	M05686A002	-
Main AC Power Conduit and Wire Assembly (see note)	M05686A003	-
Assembly, AC Dual Conduit and Cable	M05692A002	-
Assembly, AC Dual Conduit and Cable (see note)	M05692A003	-
Display Cable, Single Side-load	C06455	-
Display Cable, Dual Side-load	M05109A001	-
Display Cable, Single Front-load	C06574	-
Backlight Power Cable - Side-load	M05108A001	-
Backlight Power Cable - Front-load	C06519	-
DC Conduit and Wire Assembly - Dispenser Mount TopKAT	M05683A002	-
DC Conduit and Wire Assembly - RS-485/Pulse-out	M05683A004	-
DC Conduit and Wire Assembly - Dispenser Mount TopKAT PLUS	M05683A006	-
DC Conduit and Wire Assembly - Atlas PRIME	M05683A007	-
DC Power Cable	M05107A001	-
Handle Switch Cable, Single	M05105A002	-
Handle Switch Cable, Dual	M05105A001	-
Heater Cable 115 V	M05120A001	-
Heater Cable 230 V	M05120A002	-
Solenoid Cable and Terminal Block Assembly, Single	M04193A001	-
Solenoid Cable and Terminal Block Assembly, Dual	C06518	-
AC Combo Satellite Control Conduit and Wire - Pump	M07275A002	-
AC Combo Satellite Control Conduit and Wire - Dispenser	M07275A004	-
Totalizer ATC Sensor Cable	M05119A001	-
I.S. Barrier, Front-load	C06766	-
Not Shown		
Magnet, Actuator	Q12514-05	-
<i>Note: This part is for 9850KXTW1. Units built after August 2007.</i>		

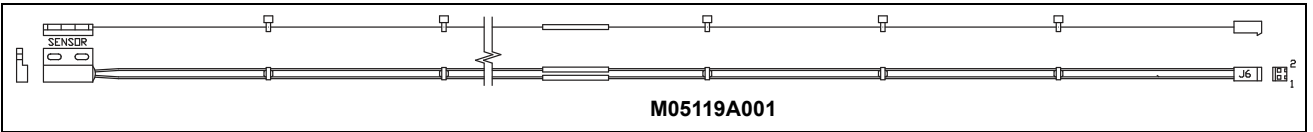
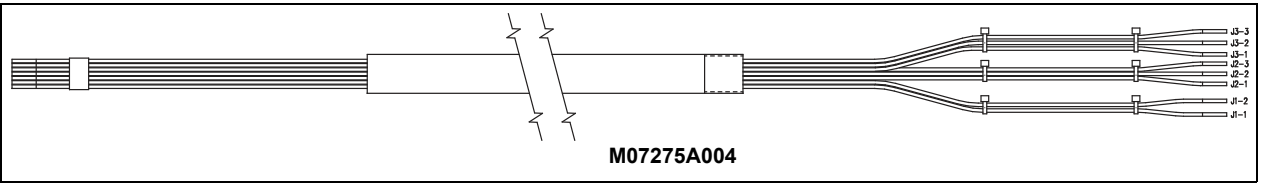
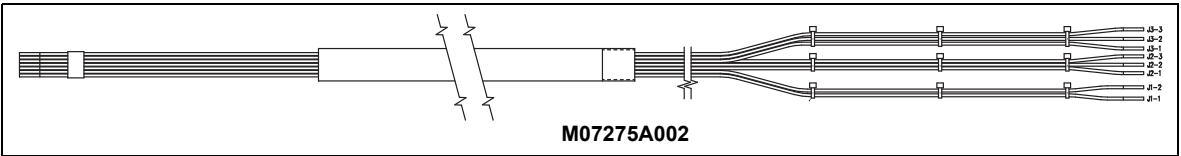
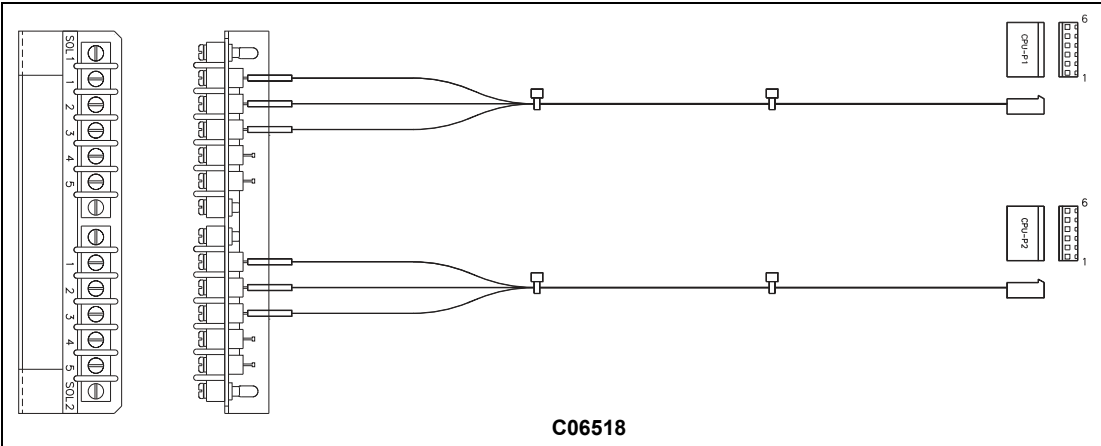
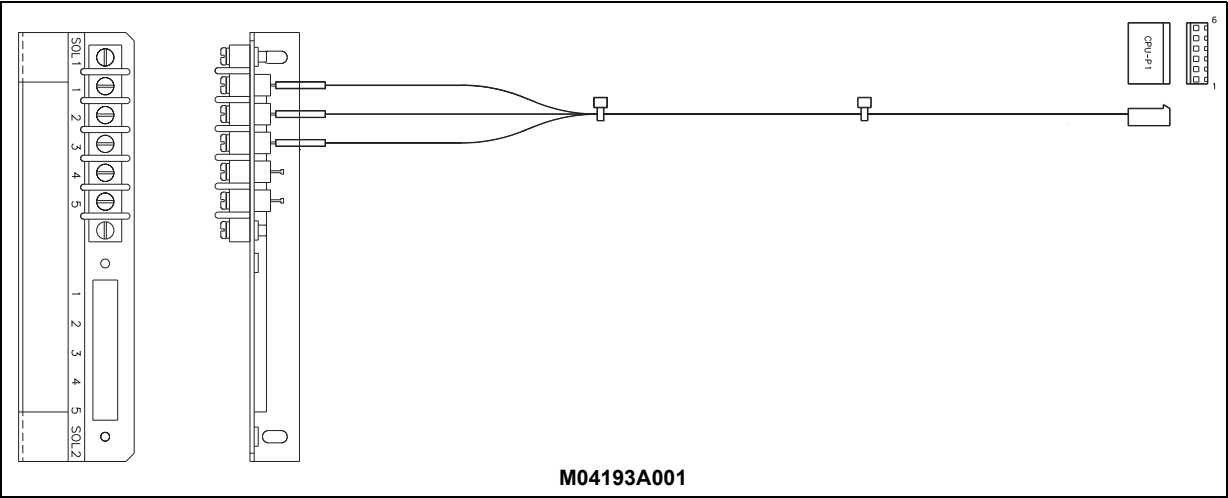


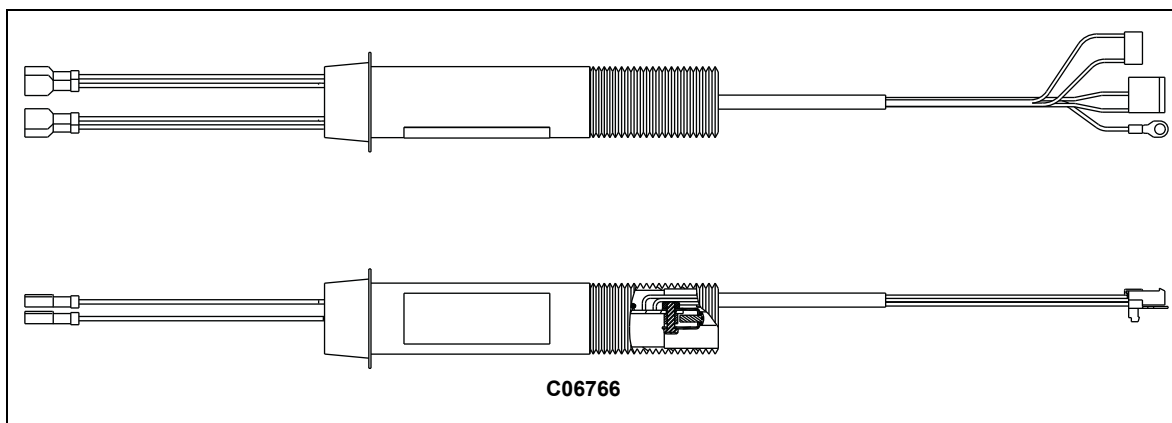






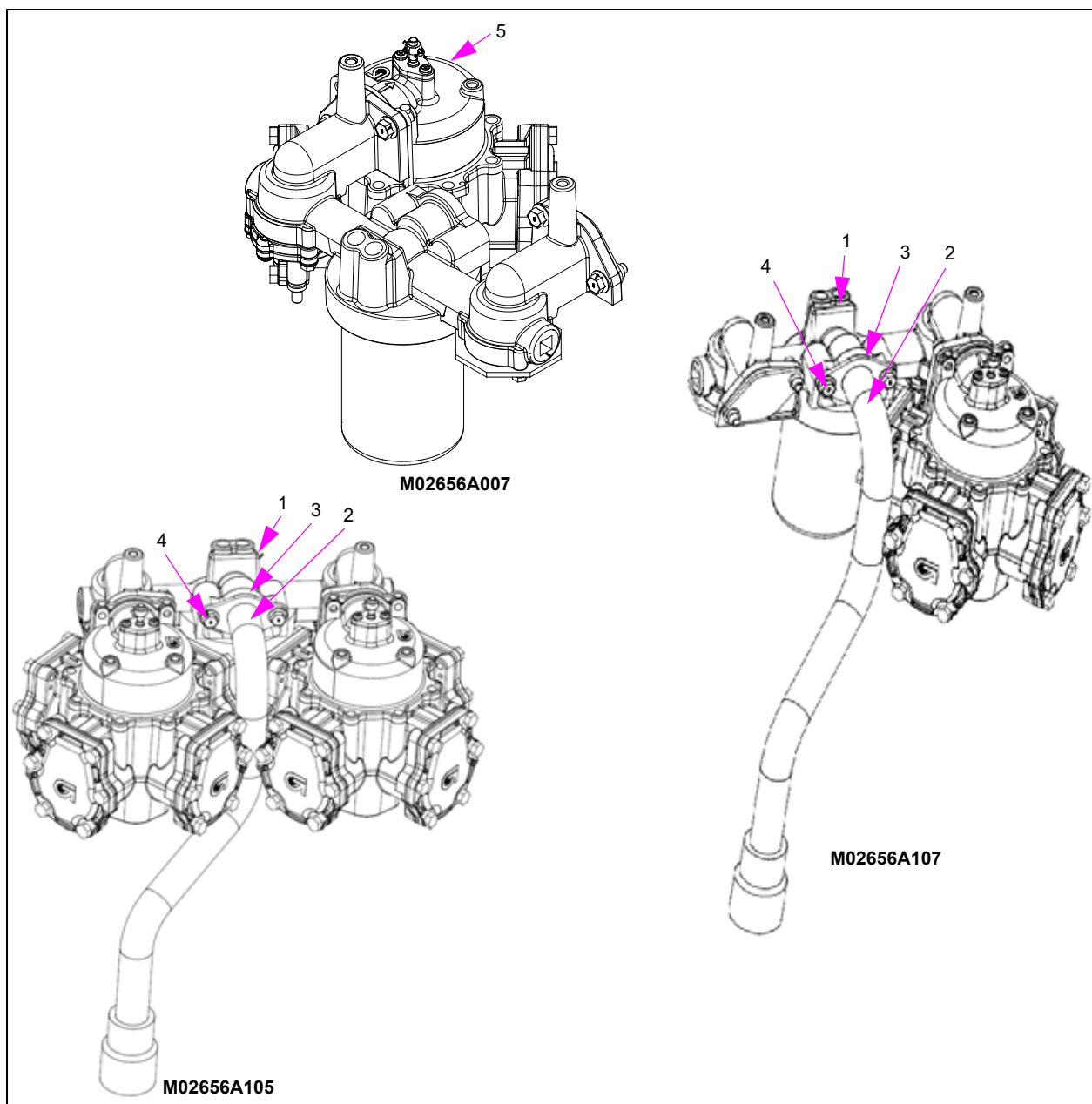






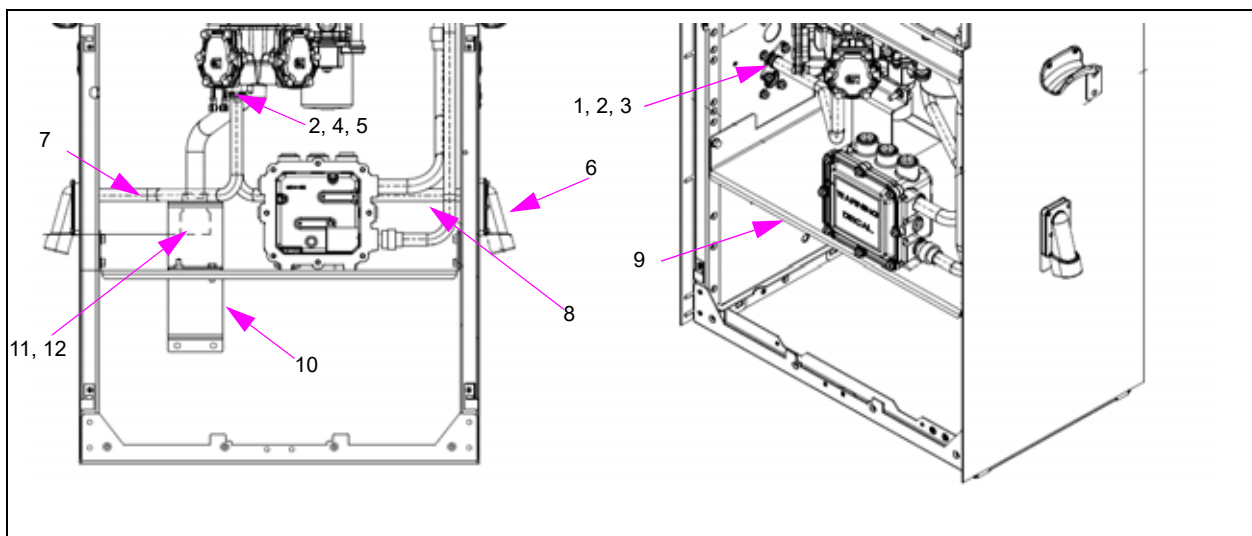
25 – Atlas E85 and DEF Dispenser

Atlas E85 Unit



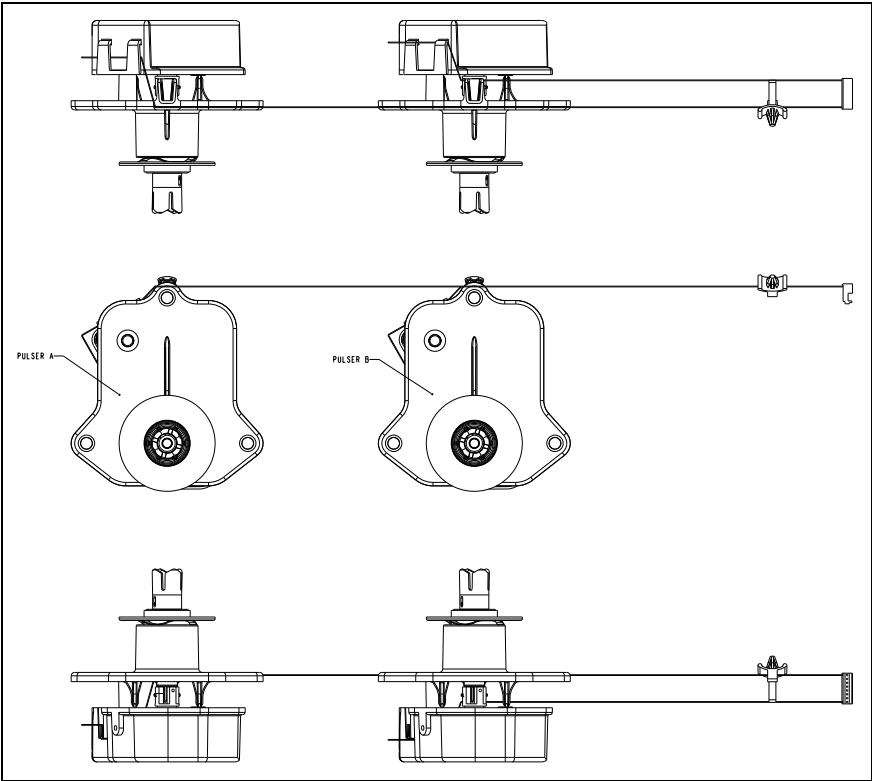
Item #	Part Description	Current Part	Quantity
1	Assembly MOA C+ Meter and Manifold	M02656A007	1
2	Encore Dispenser Feedline Assembly	M00302A001	1
3	O-ring, 1-1/4 X 1-1/2 X 1/8	Q10068-09	1
4	Screw, Metric M8 X 20	M00415B010	2
5	Assembly C+ Meter Plated	T19976-G5	1

E85 Hydraulics Connection



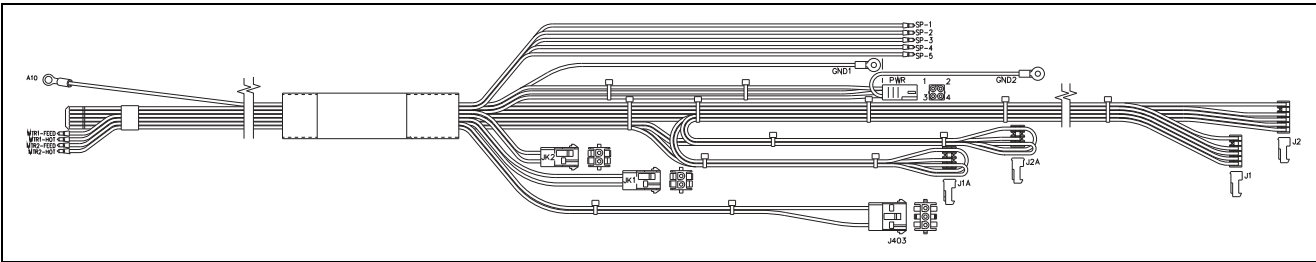
Item #	Part Description	Current Part	Quantity
1	Clamp, Parflange 7/8 In Tubing Wide	M00445B001	1
2	Gskt O-Rng .862ld X 1.068 Od Parco Cmpd 9131-75	Q12974-118	1
3	Screw, Metric M8 X 20 Serrated Flange Head	M00415B010	6
4	Clamp, Parflange 7/8 Tubing	N23908-01	1
5	Screw, Metric M8 X 25 Thd Forming	M00417B011	2
6	Hose Outlet Non-Vpr Nickel P/Coded/M	M05612B040	1
7	Assy, Tube, Meter Disc Atlas E85 Dispenser side 1	M11391B003	1
8	Assy, Tube, Meter Disc Atlas E85 Dispenser side 2	M11391B004	1
9	Bracket, Mounting, Atlas E85 Dispenser	M11409B001	1
10	Assy, Feedline Support Brkt Atlas E85 Dispenser	M11411A001	2
11	U-Bolt, Metric, M8	M00703B002	1
12	Nut, Metric M8 Serrated Flange	M00414B003	2

Pulser



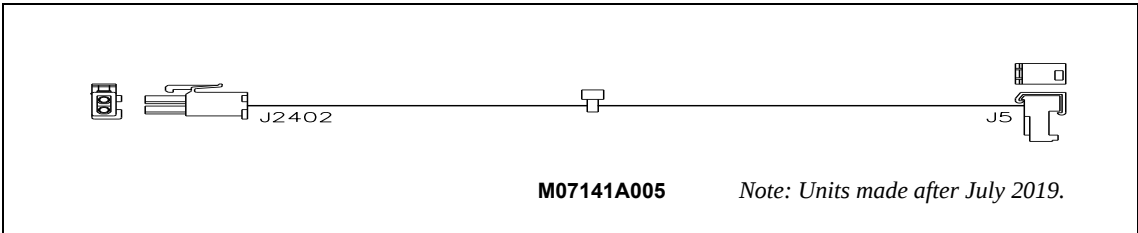
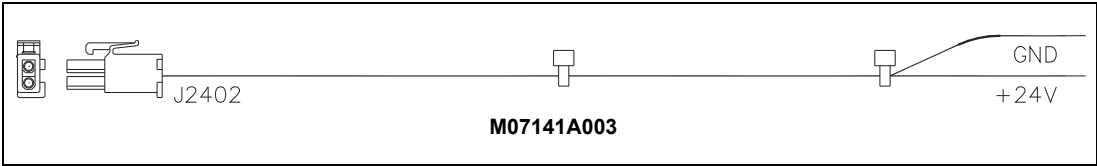
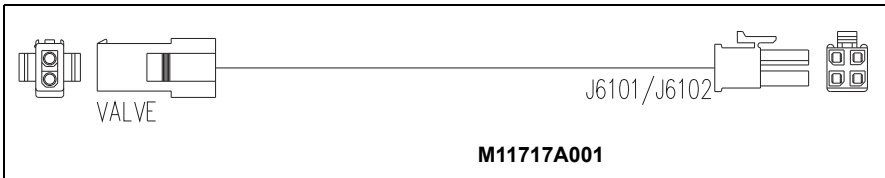
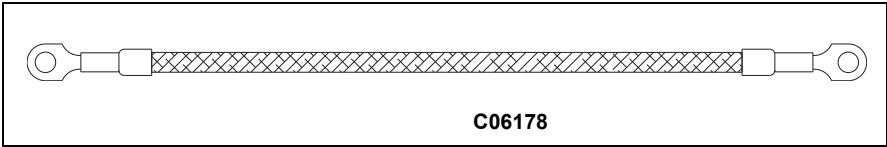
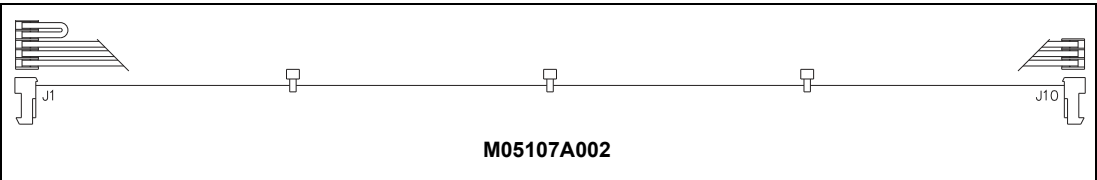
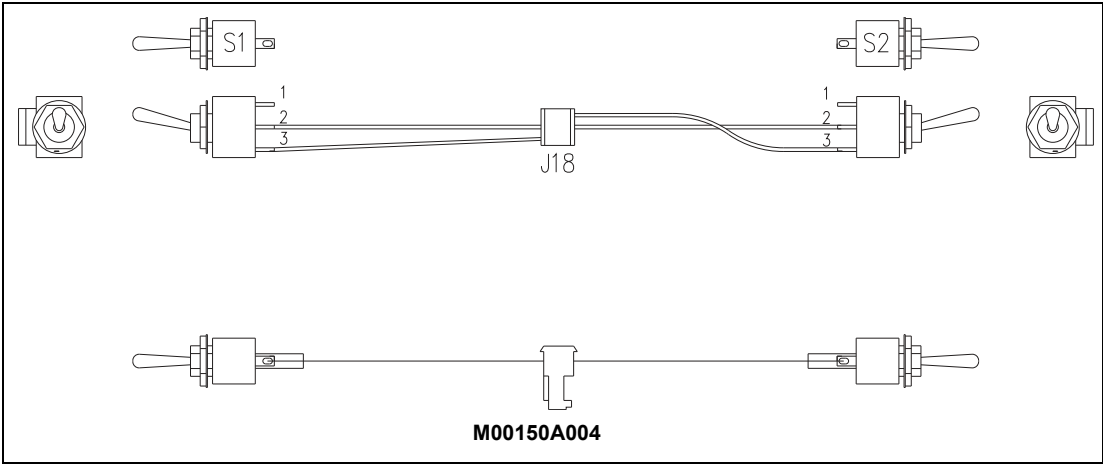
Item #	Part Description	Current Part	Quantity
1	Pulser	M05839B002	1

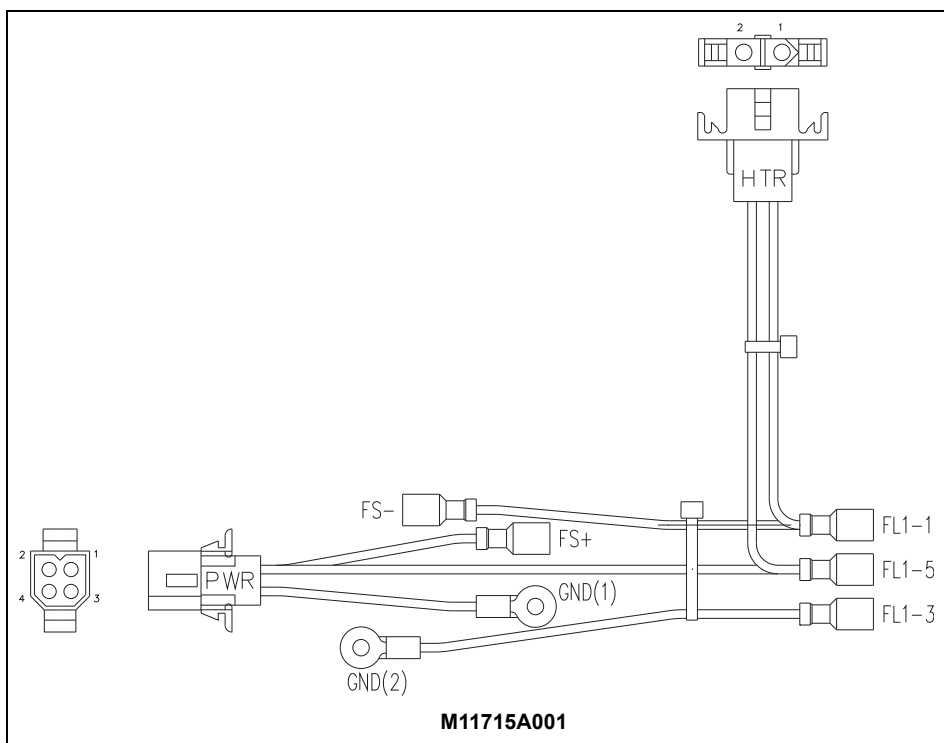
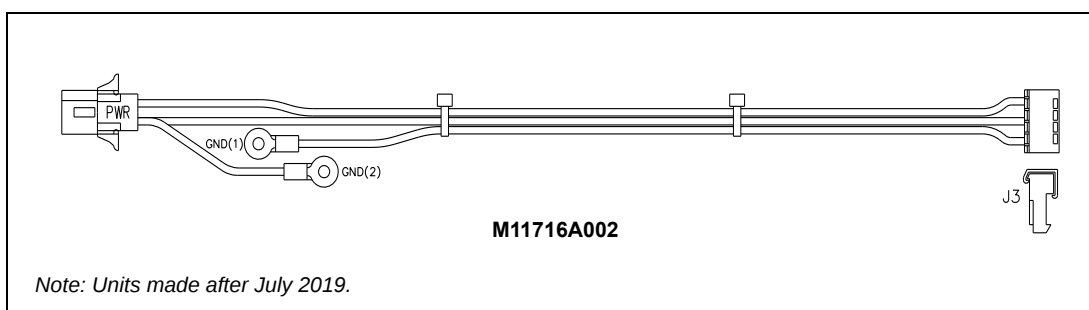
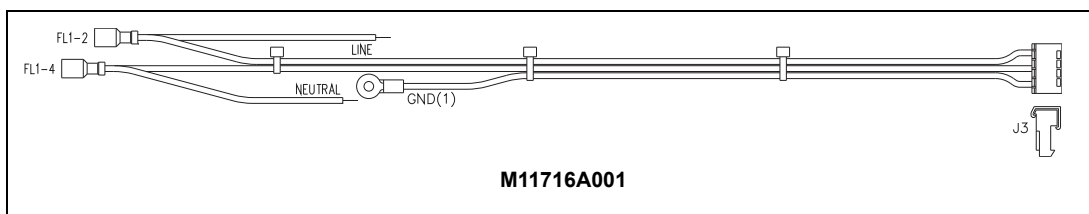
Main Conduit and Cable Assembly



Item #	Part Description	Current Part	Quantity
1	Main Conduit and Cable Assembly	M04850A010	1

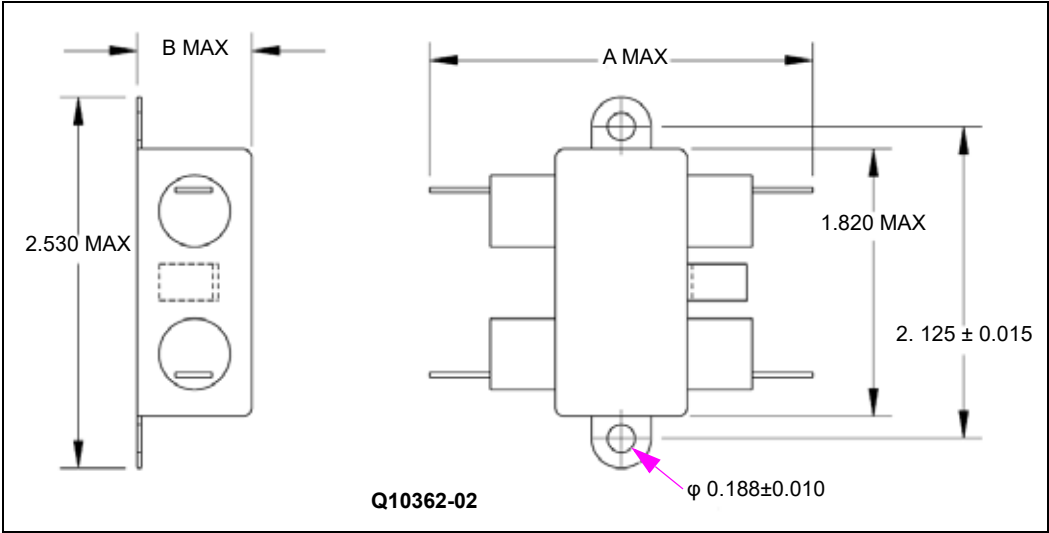
Cables





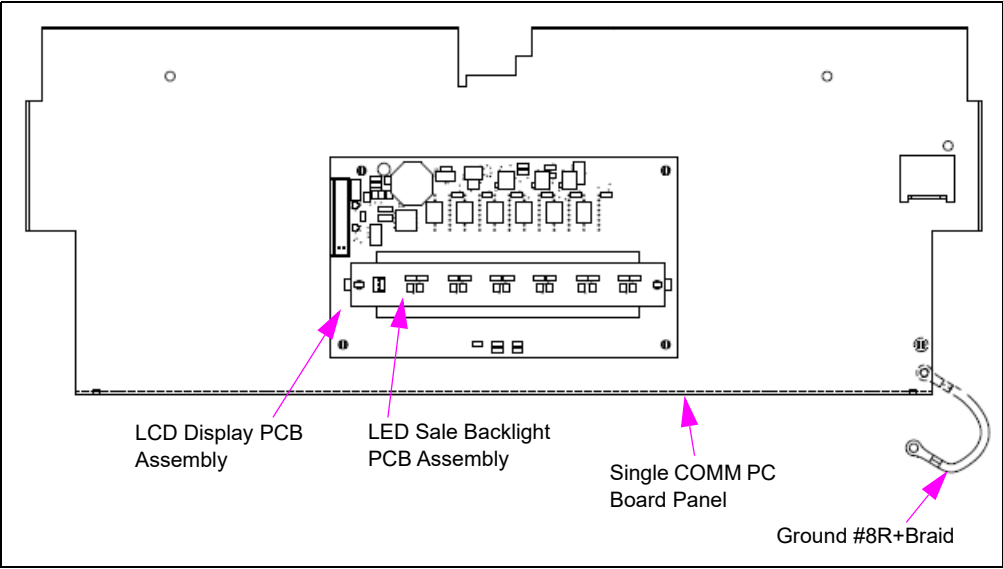
Item #	Part Description	Current Part	Quantity
1	Cable, E-CAL Switch	M00150A004	1
2	Cable, DC Power Atlas Commercial	M05107A002	1
3	Wire Assembly (S), Ground Strap-to-ring Term's	C06178	1
4	Cable, Valve Adapter	M11717A001	1
5	Cable, Coriolis Power	M07141A003	1
6	Cable, AC Filter to PS	M11716A001	1
7	Cable, AC in to Filter	M11715A001	1

AC Filter



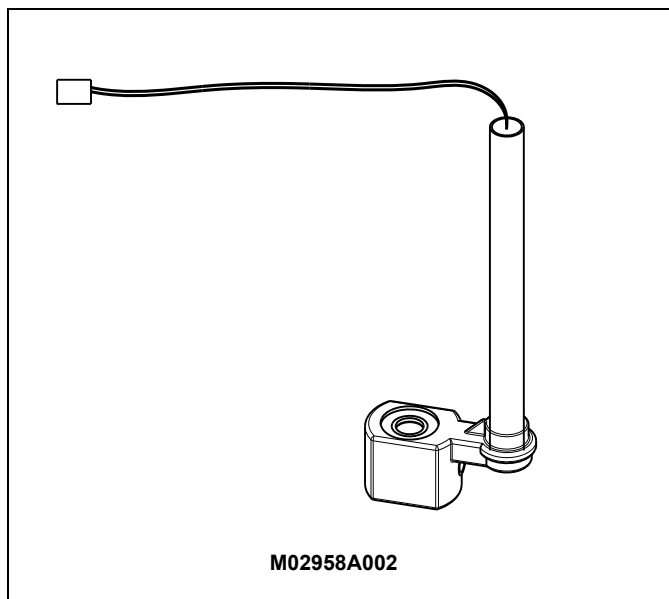
Item #	Part Description	Current Part	Quantity
1	Filter, Power Line 2 A/115-250 VAC	Q10362-02	1

Display Panel



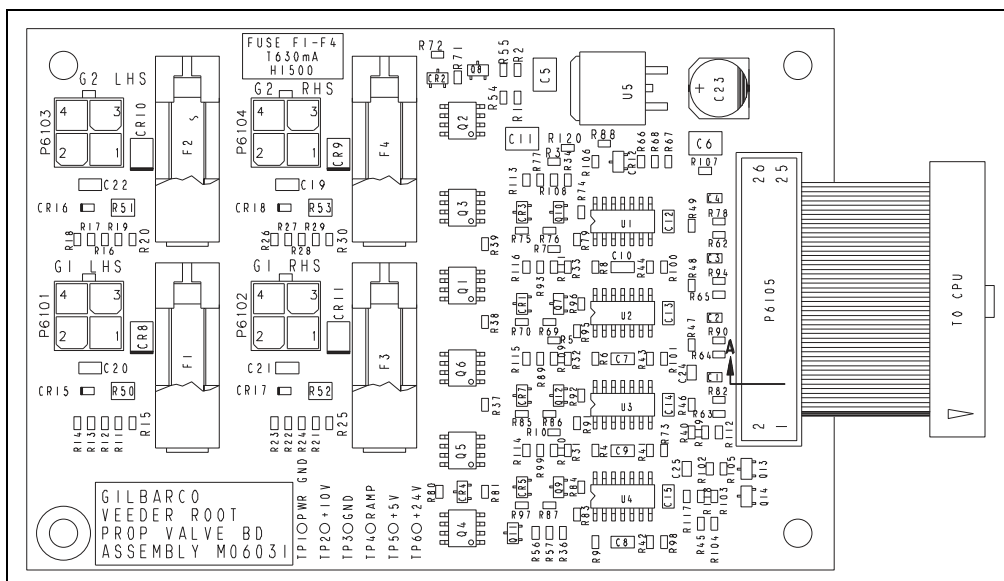
Item #	Part Description	Current Part	Quantity
1	Panel, PC Board Support, Single COMM, E85	M05045B002	1
2	PCB Assembly, LCD Display	M12158A004	1
3	PCB Assembly, LED Sale Backlight (for M11714A002 Display)	M12019A001	1
4	Cable Assembly, Ground #8R+Braid	C06178	1

Valve Coil



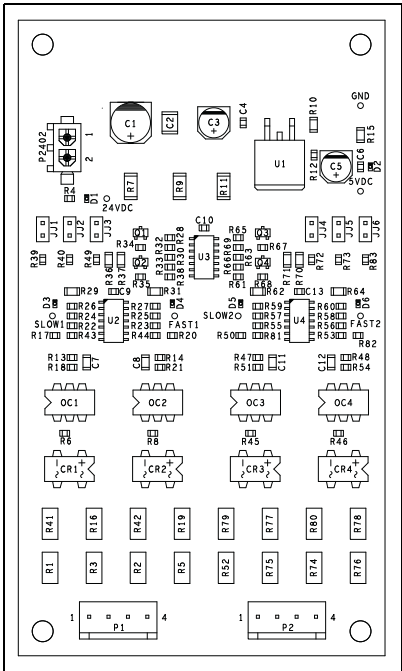
Item #	Part Description	Current Part	Quantity
1	Assembly Valve Coil with Conduit	M02958A002	1

Valve Controller PCA



Item #	Part Description	Current Part	Quantity
1	Valve Controller PCA	M06031A001	1

Valve Interface PCA



Item #	Part Description	Current Part	Quantity
1	Valve Interface PCA	M11480A001	1

Switching Power Supply



Item #	Part Description	Current Part	Quantity
1	Power Supply - Switching	M04161B005	1

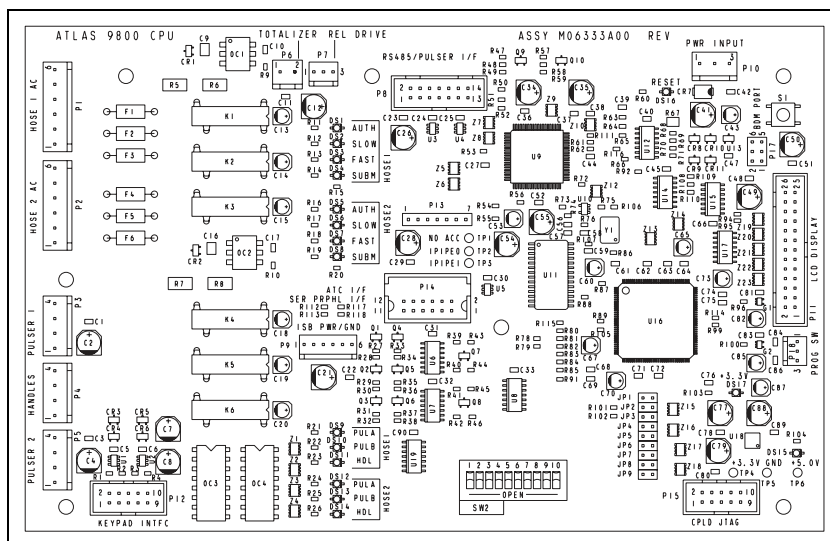
Power Supply

Refer to “Commercial Power Supply” on page 11-2.

Dual Pulse Output PCA

Refer to “Pulse-out I/F/RS-485 I/F” on page 11-5.

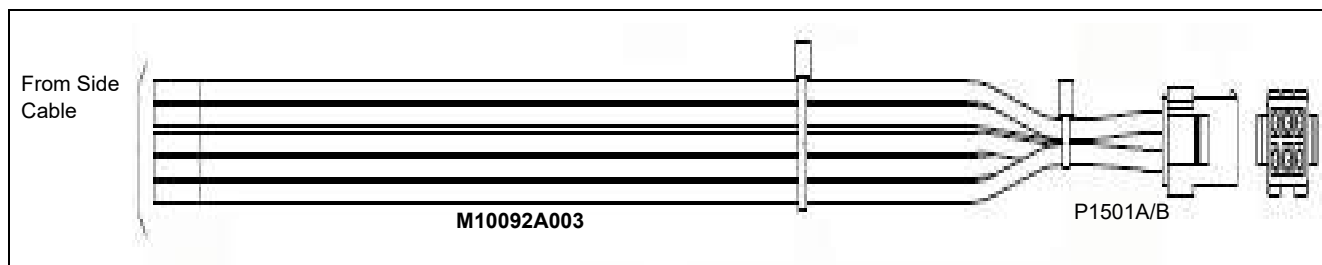
E85 CPU Board



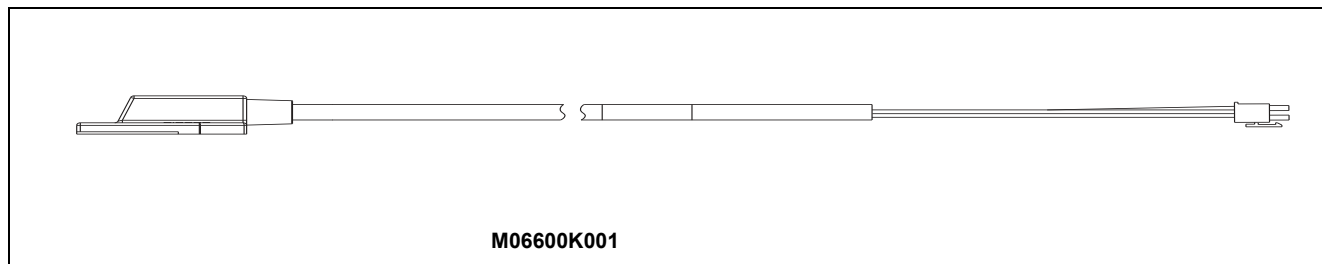
Item #	Part Description	Current Part	Quantity
1	E85 CPU Board (with P-18 Connector)	M06333KECAL	1

DEF Unit

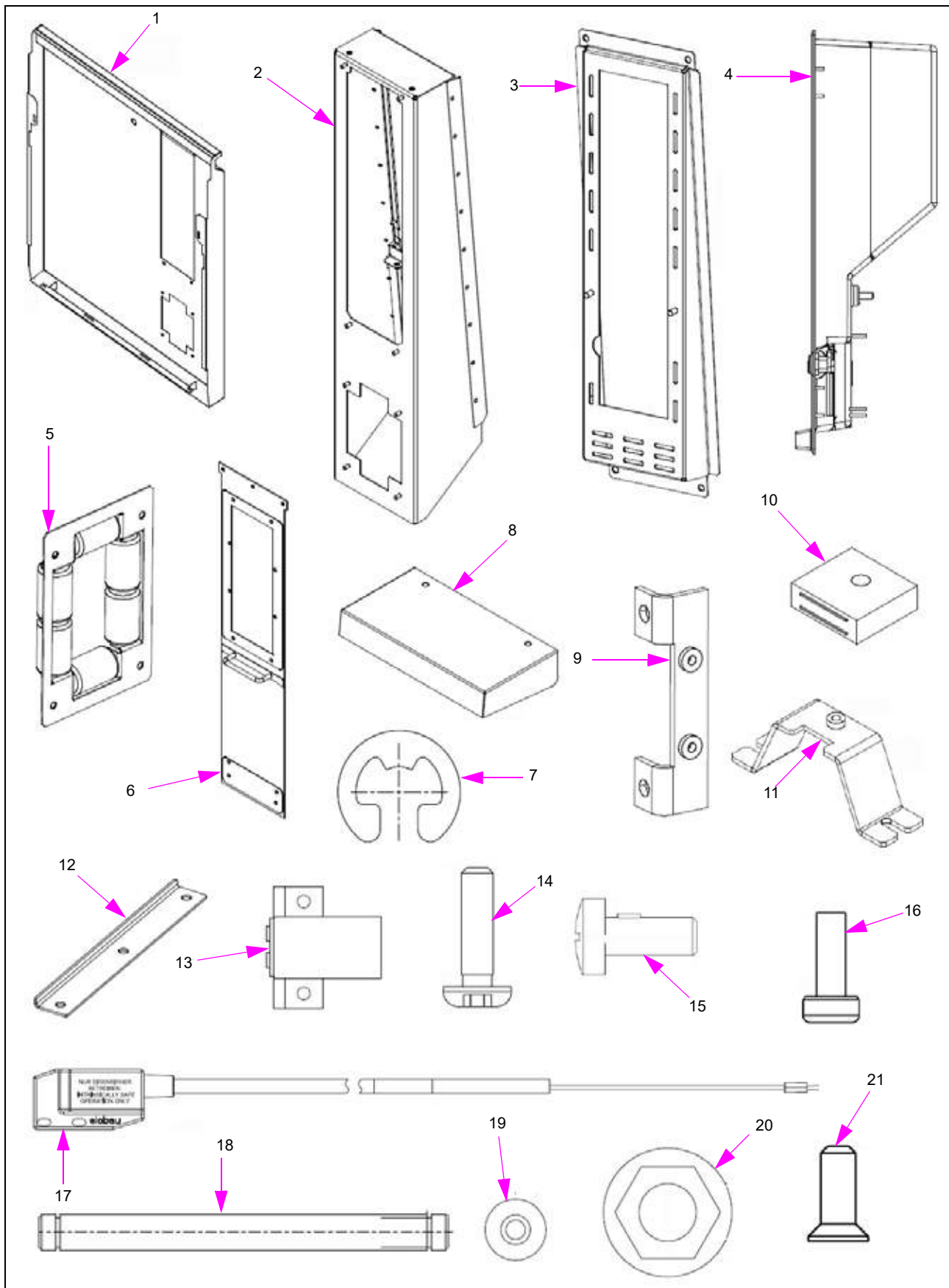
M10092A003 Cable Assembly and M06600K001 Pump Handle



Item #	Part Description	Current Part	Quantity
1	Assembly, Coriolis Meter Conduit and Cable	M10092A003	1

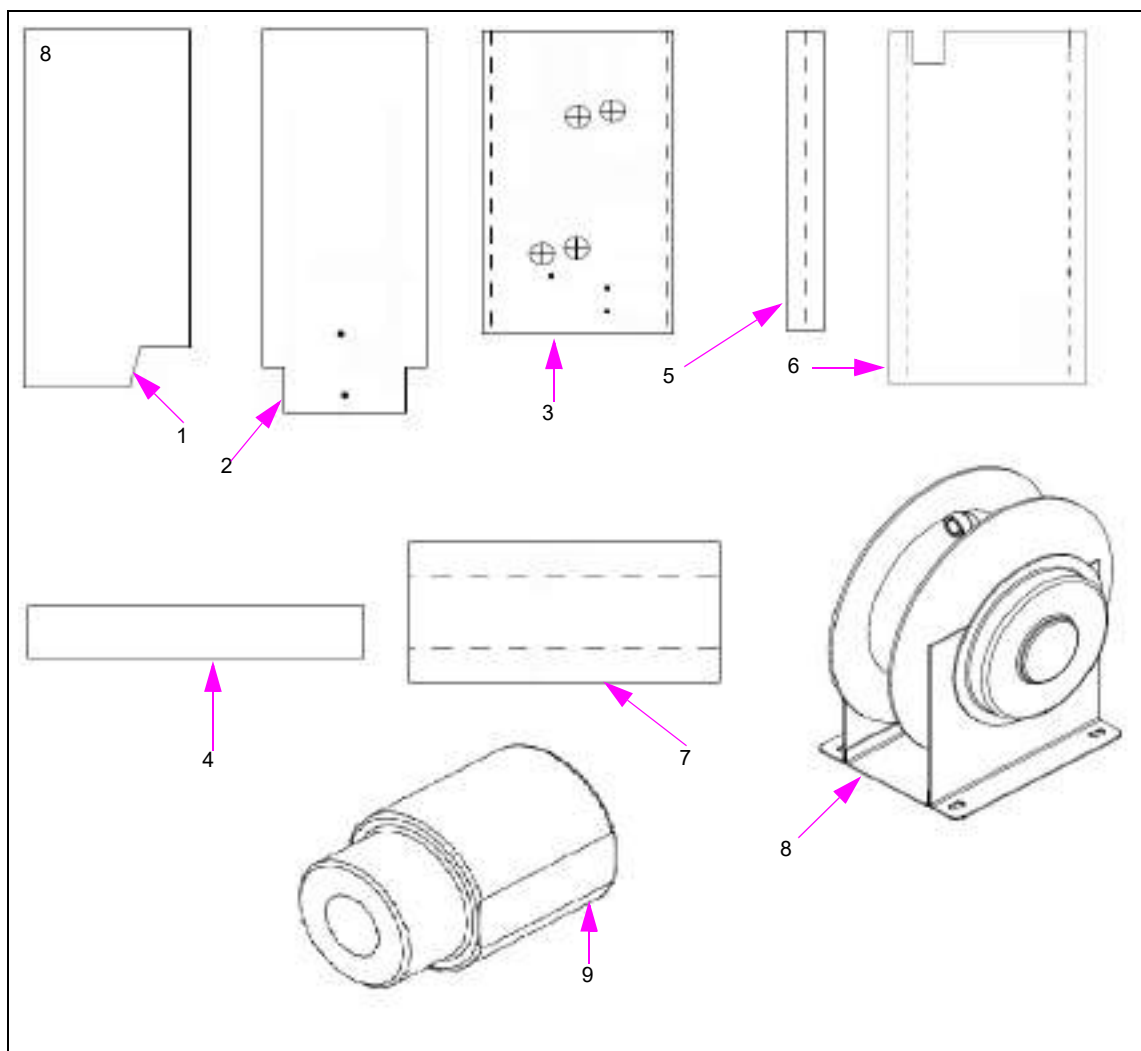


Cold Weather DEF Front Panel



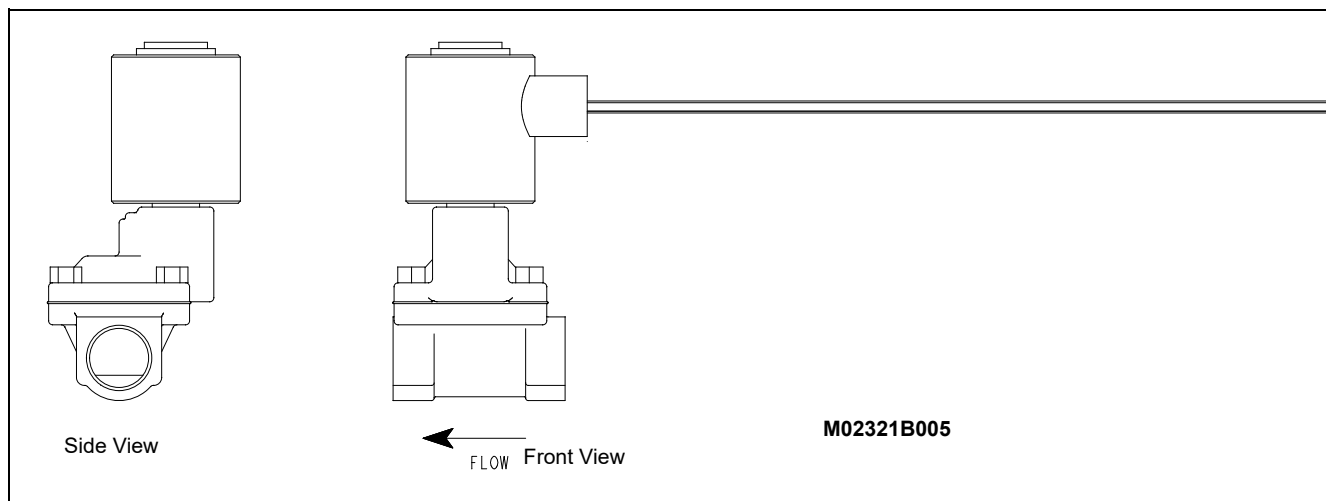
Item #	Part Description	Current Part	Quantity
Cold Weather DEF Front Panel			
1	Assembly, Panel Lower Door	M12101A101	1
2	Assembly, Weldment Frame	M12099A001	1
3	Assembly, Bracket Boot Pocket	M11991A001	1
4	Nozzle with Lock and Holder	M02428A001	1
5	Assembly, Hose Guide	M12104A001	1
6	Assembly, Flap Door (obsolete, see note)	M11997A002	1
7	Ring Retaining 1/4"	K82468-32	6
8	Cover, DEF Atlas	M12096B001	1
9	Assembly, Bracket, Magnet	M12188A001	2
10	Magnet, Type 5	M12211B001	1
11	Assembly, Bracket Nozzle Boot	M11992A001	1
12	Plate, DEF Atlas	M11999B001	1
13	Magnet, Type 2	M12168B001	2
14	Screw, Metric M6 X 12	M01257B101	5
15	Screw, Metric Phillips Pan-head M3 X 8	M00590B106	4
16	Screw, SEMS Phillips Pan-head M4 X 12	Q12845-59	2
17	Kit, Nozzle Boot Switch	M06600K001	1
18	Pin, Clevis	M11078B003	2
	Pin, Clevis	M11078B004	1
19	Roller, Hose Protector	M12166B001	5
20	Nut, Metric Serrated	M00414B002	10
21	Screw, Metric M3 X 12 Flat-head	M00419B313	2
Not Shown			
-	Nut, Metric, Flange	M00414B005	4
<i>Note: Flap Door Assembly (M11997A002) is replaced by (M13855A001).</i>			

Cold Weather DEF Insulation and Hose Reel



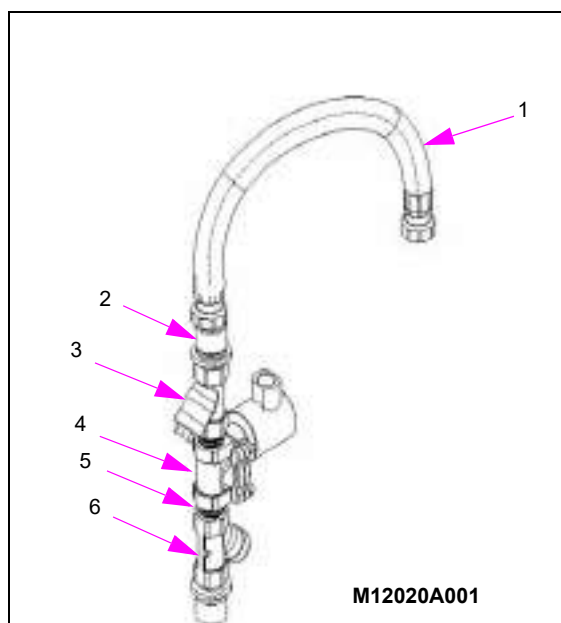
Item #	Part Description	Current Part	Quantity
Cold Weather DEF Insulation			
1	Insulation, Side	M11166B001	2
2	Assembly, Insulation	M11166A002	2
3	Assembly, Insulation	M11166A004	1
4	Insulation	M11166B005	2
5	Assembly, Insulation	M11166A007	1
6	Assembly, Insulation	M11166A008	1
7	Assembly, Insulation	M11166A009	1
8	Hose Reel DEF Assembly	M11270B001	1
9	Swivel, 1" M BSPP X 1" F NPT- DEF	M12293B001	1

Two-stage Valve Assembly



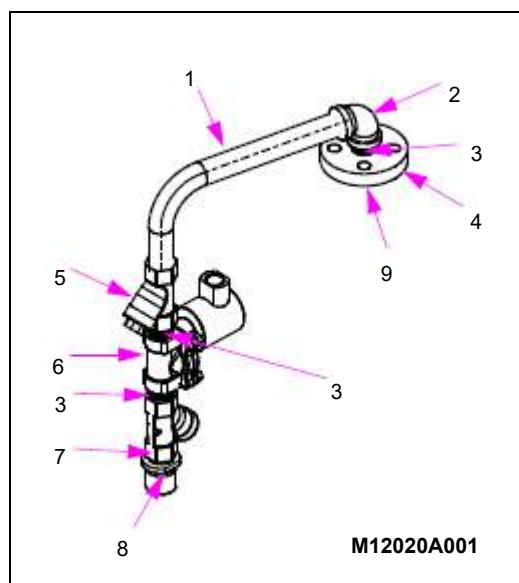
Item #	Part Description	Current Part	Quantity
1	Two-stage Valve Assembly	M02321B005	1

Units Made After August, 2020



Item #	Part Description	Current Part	Quantity
1	Inlet Tube	M10226B104	1
2	Adapter, Hose	M10145B001	2
3	Y-Strainer	M10820A001	1
4	Valve, 3/4" Hi-Flow, 115V	M02321B005	1
5	Nipple, 1-1/2" LG, 3/4"-14 NPT	M10166B001	2
6	Check Valve, 3/4"-14 NPT	M10170B002	1

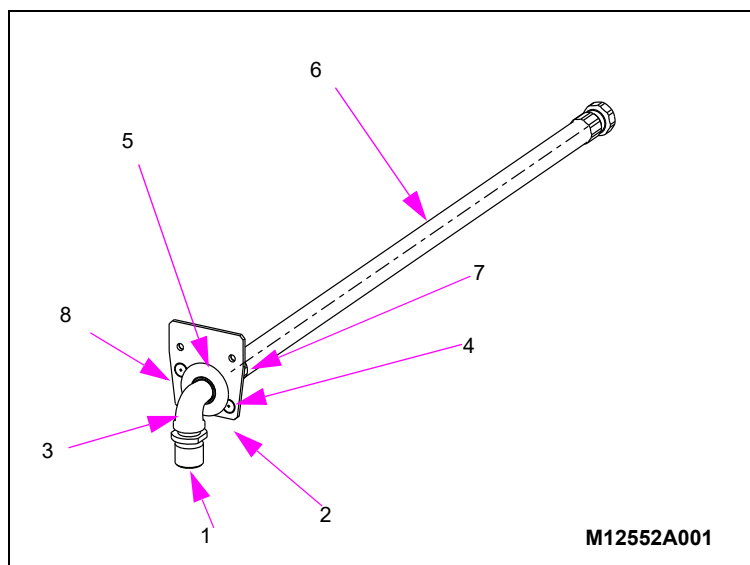
Units Made Before August, 2020



Item #	Part Description	Current Part	Quantity
1	Tube, Atlas Inlet DEF	M10756B002	1
2	Elbow, 90 Degree Female, 3/4" - 14 NPT	M10169B001	1
3	Nipple, 1-1/2" LG, 3/4" - 14 NPT	M10166B001	3
4	Flange, Meter Inlet	M10094B001	1
5	Y-Strainer	M10820A001	1
6	Valve, 3/4" Hi-Flow 115V	M02321B005	1
7	Check Valve, 3/4" -14 NPT	M10170B002	1
8	Adapter, Hose	M10145B001	1
9	Seal Flange	M10164B001	1

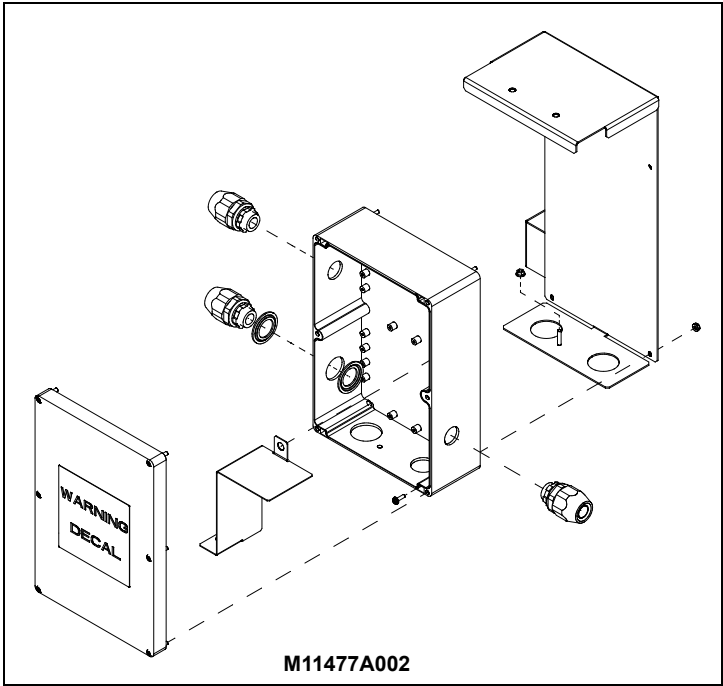
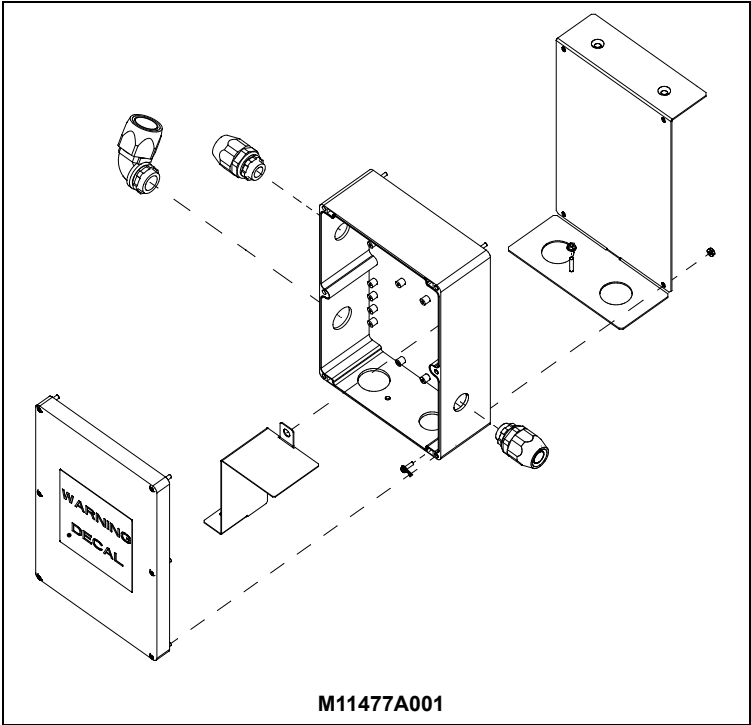


Item #	Part Description	Current Part
1	DEF Nozzle, Gilbarco Style Guard, With Magnetic Misfill	M10257B001
2	DEF Nozzle, Gilbarco Style Guard, No Magnetic Misfill	M10257B002
3	DEF Nozzle, Standard Guard, With Magnetic Misfill	M10257B003
4	DEF Nozzle, Standard Guard, No Magnetic Misfill	M10257B004



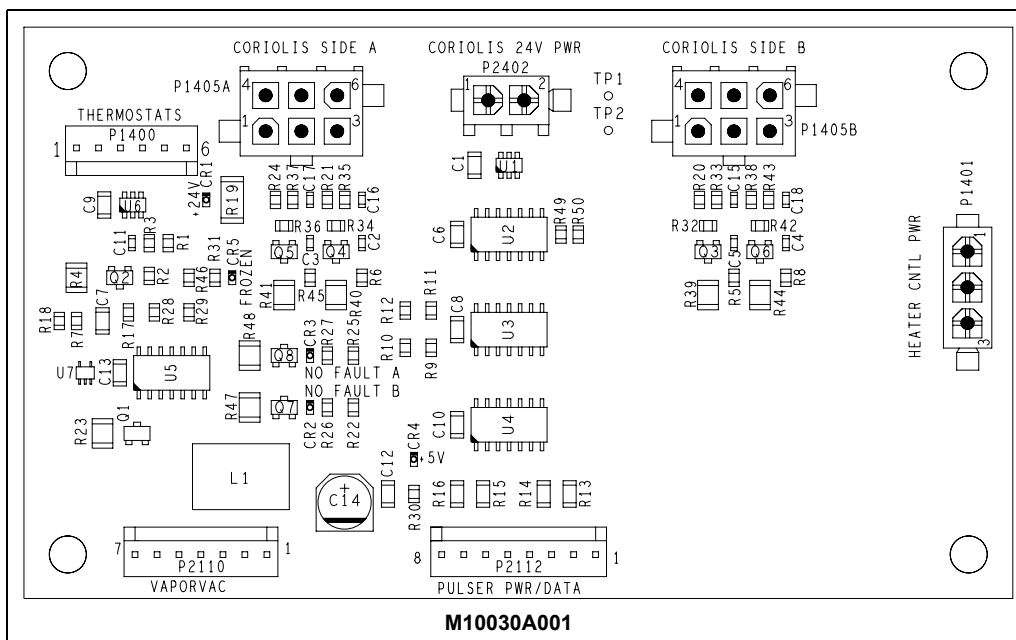
Item #	Part Description	Current Part	Quantity
1	Adapter, Hose	M10145B001	1
2	Discharge Bracket	M12433B001	1
3	Elbow, 90 Deg Street, 3/4" NPT	M05197B004	1
4	Flat Head Screw	M01677B034	2
5	Grommet, Discharge 1" Pipe	G028960	1
6	Hose Inlet DEF3 Encore	M10226B105	1
7	Nut, Metric Hex SERRD Flange	M00414B003	2
8	Weldment, Manifold DEF Inlet	M11164A002	1

J-box



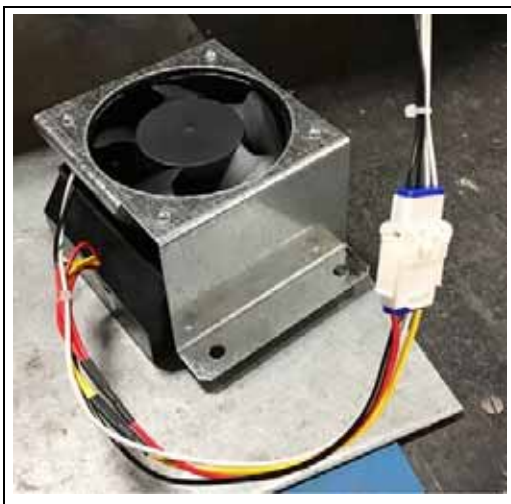
Item #	Part Description	Current Part	Quantity
1	Assembly, J-box (Cold Weather)	M11477A001	1
2	Assembly, J-box (Warm Weather)	M11477A002	1

Coriolis Interface



Item #	Part Description	Current Part	Quantity
1	PCA, Coriolis Interface	M10030A001	1

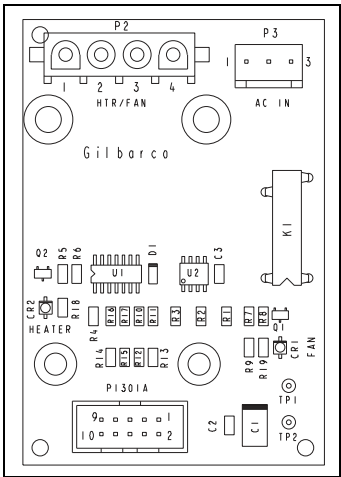
Heater/Fan Assembly



Item #	Part Description	Current Part	Previous Part	Quantity
1	Heater/Fan Assembly 750 W	Q13254-05	Q13254-03	1
2	Kit, Heater/Fan with DEF/Atlas Cable	M07333K003	-	1

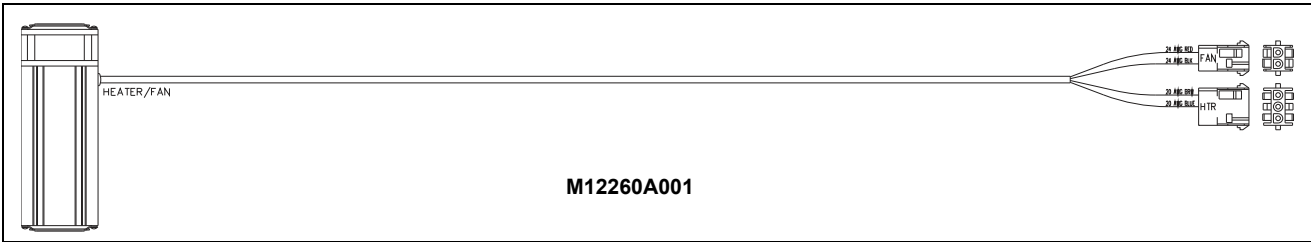
Note: Heater kit is required when replacing Heater Q13254-03 with Q13254-05 (included in the kit).

Temperature Control PCA



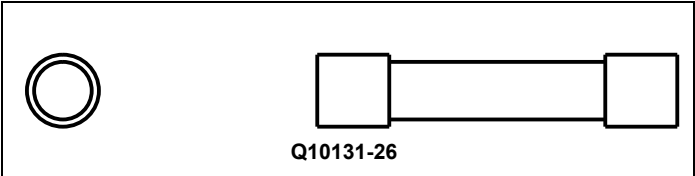
Item #	Part Description	Current Part	Quantity
1	Temperature Control PCA	M14100A001	1

Fan/Heater



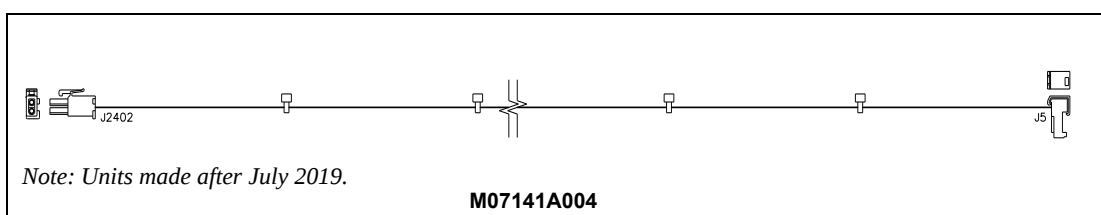
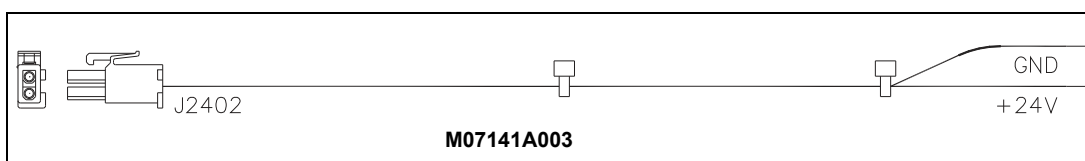
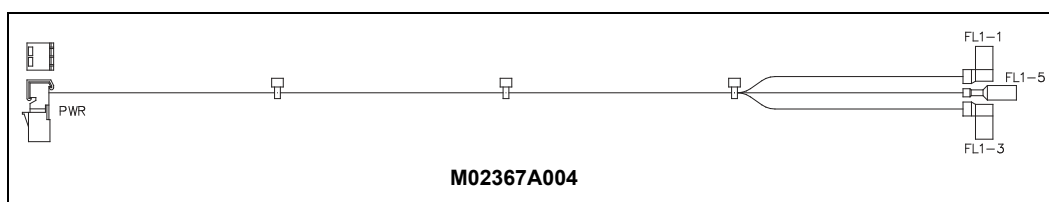
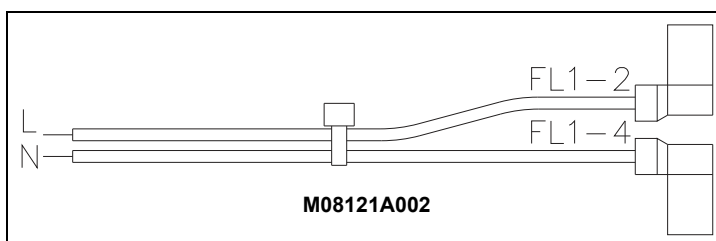
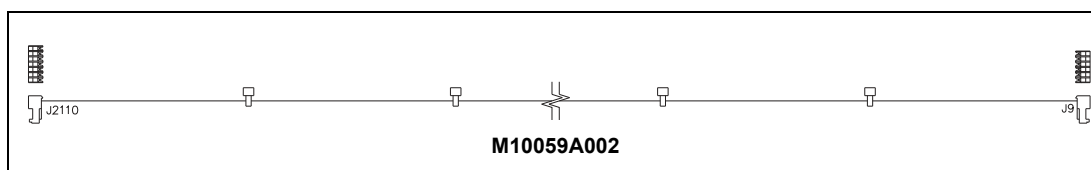
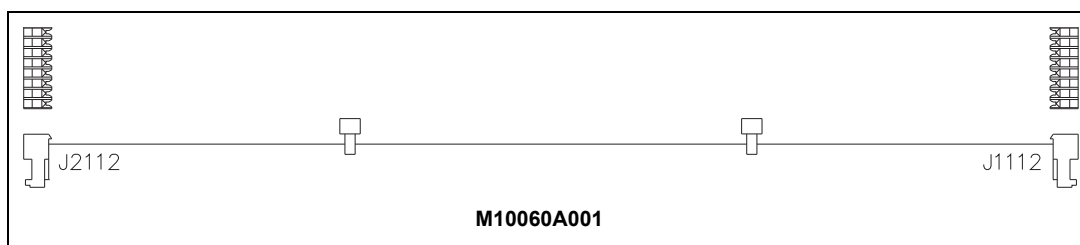
Item #	Part Description	Current Part	Quantity
1	Fan/Heater 230 W	M12260A001	1

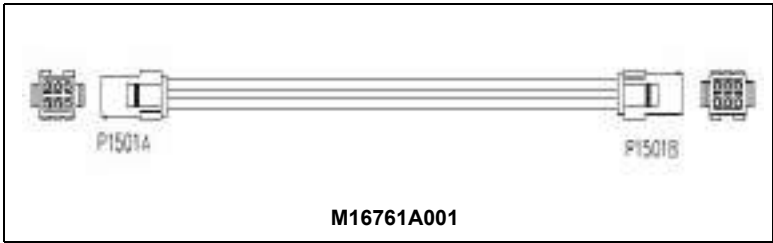
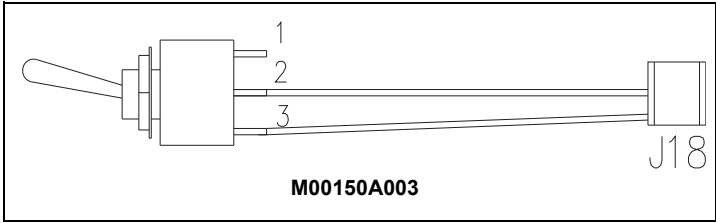
Fuse



Item #	Part Description	Current Part	Quantity
1	4 A Fuse	Q10131-26	1

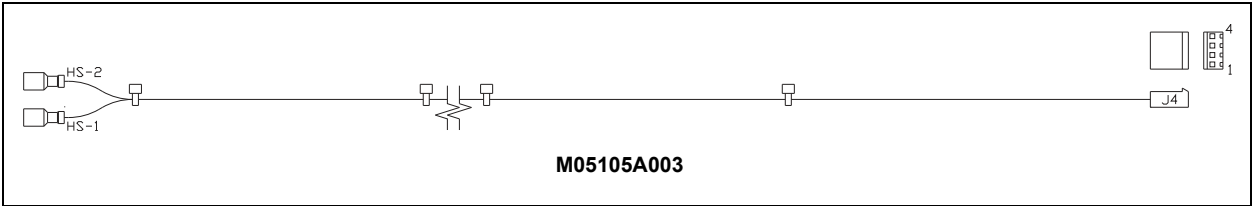
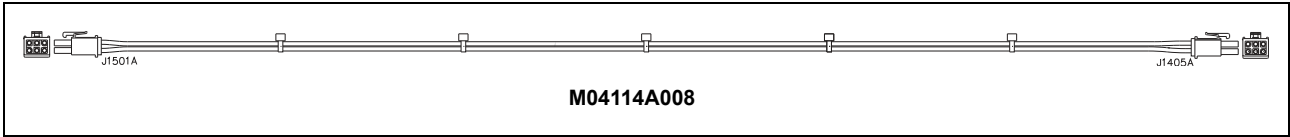
Cables





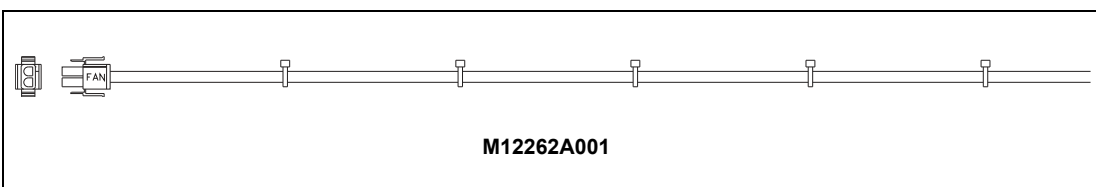
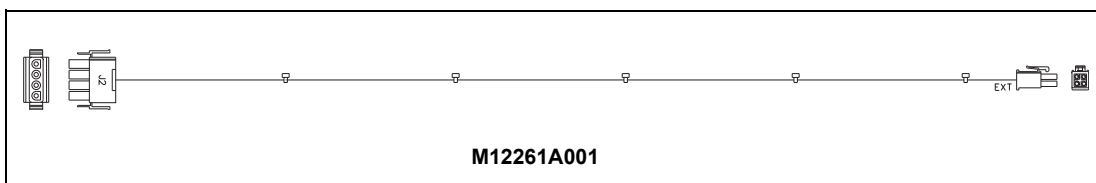
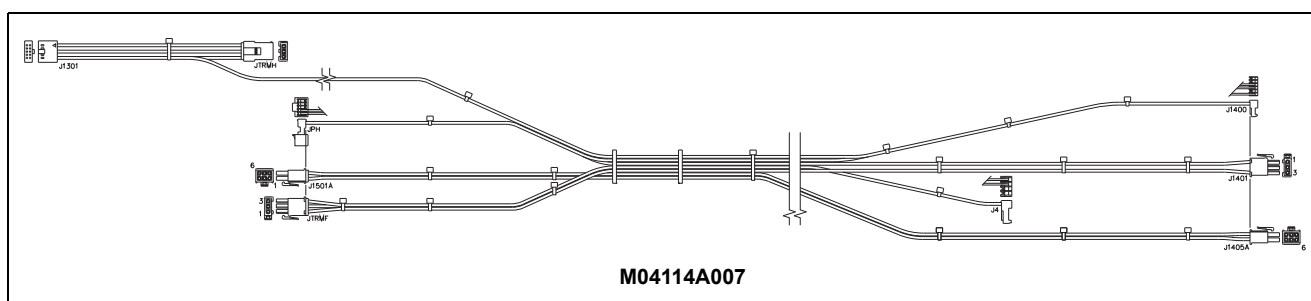
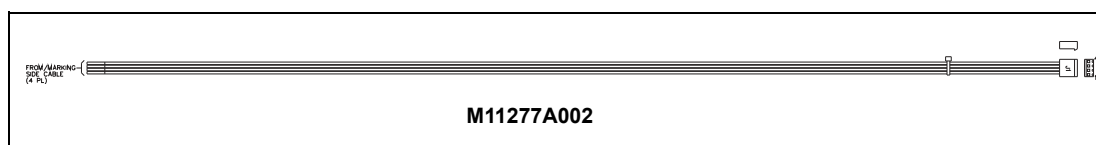
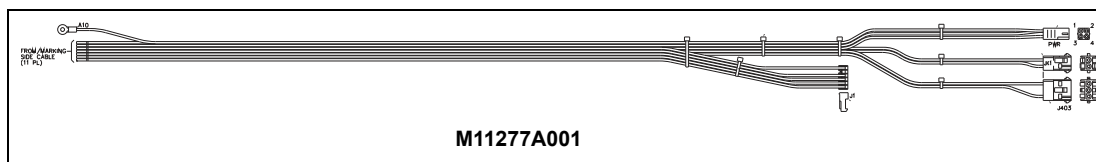
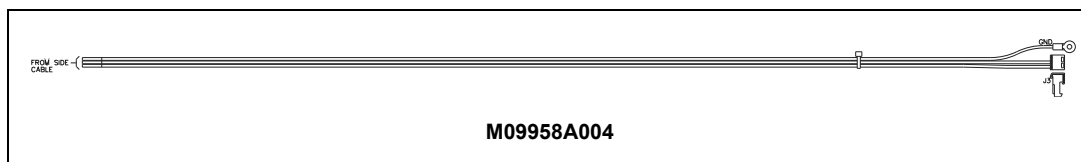
Item #	Part Description	Current Part	Quantity
1	Cable, Coriolis Interface Pulser to Pump Control Node (PCN)	M10060A001	1
2	Cable, Coriolis Interface Frozen Thermo to VaporVac® Input	M10059A002	1
3	Cable, AC Line Filter Power Supply	M08121A002	1
4	Cable, Cash Acceptor Line Filter	M02367A004	1
5	Cable, +24 VDC Meter Power	M07141A004	1
6	Cable, +24 VDC Power	M07141A003	1
7	Cable, E-CAL Switch	M00150A003	1
8	Cable, DEF Magmeter adapter	M16761A001	1

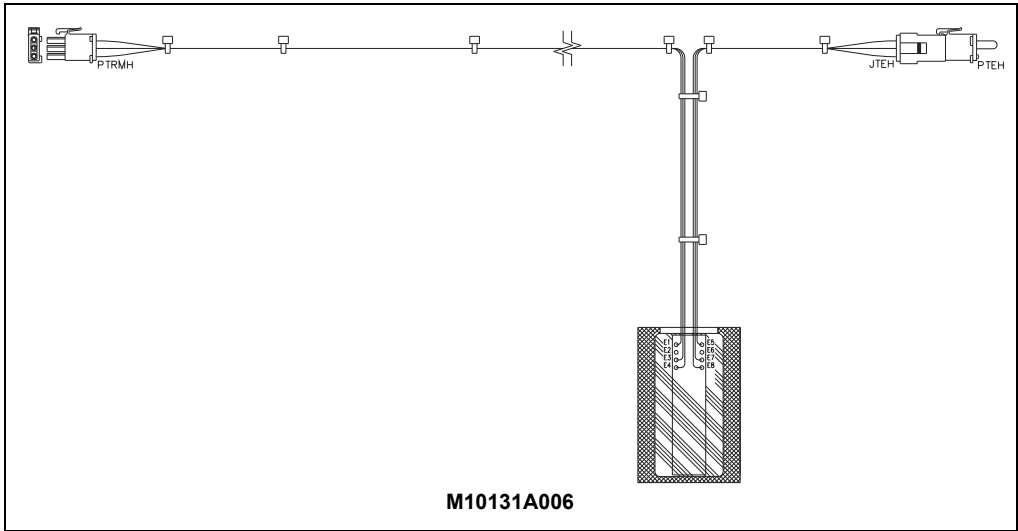
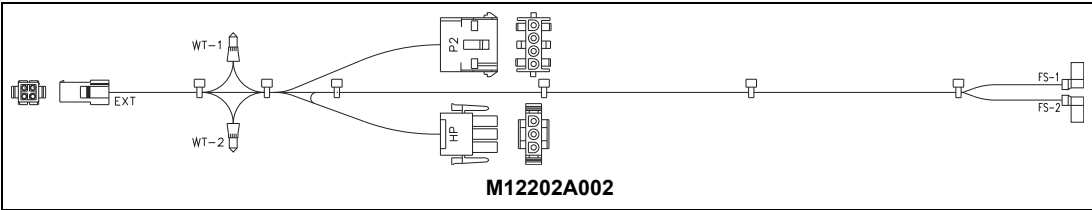
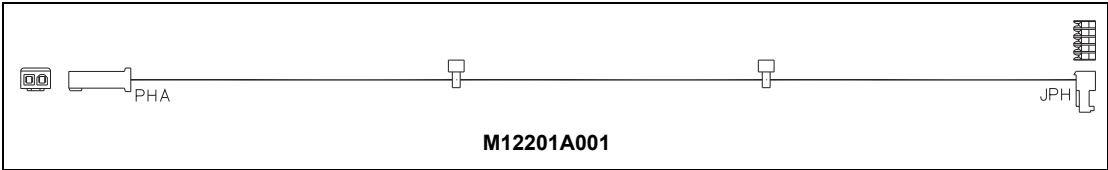
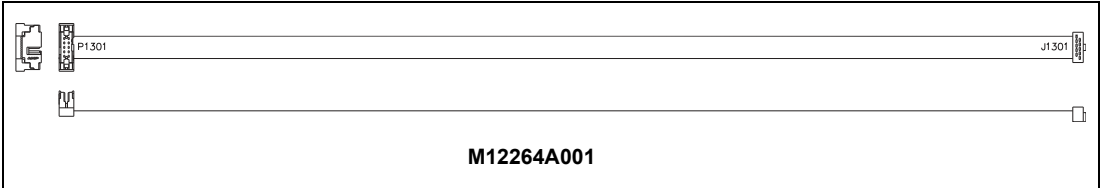
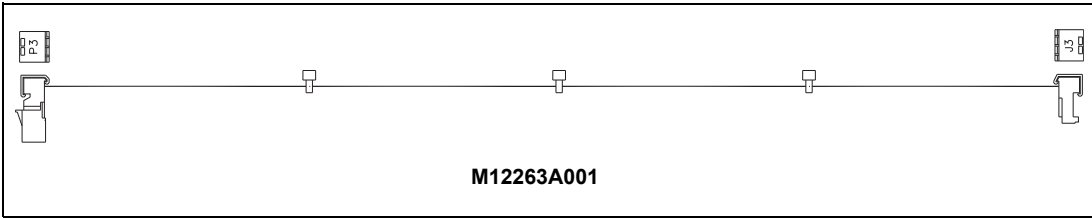
WW DEF

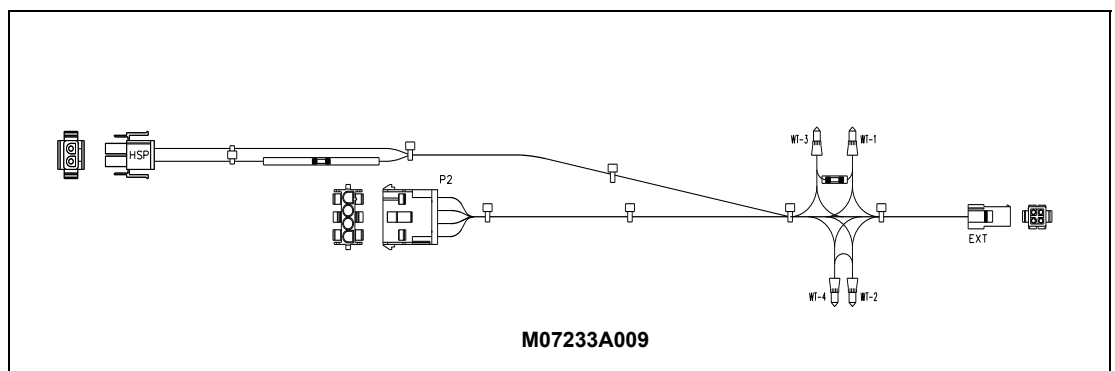
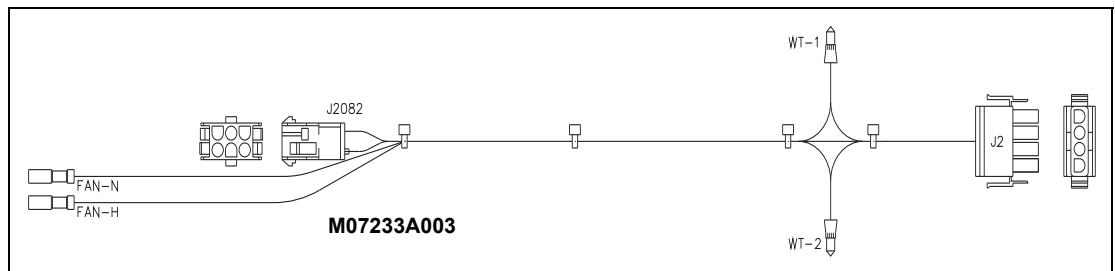
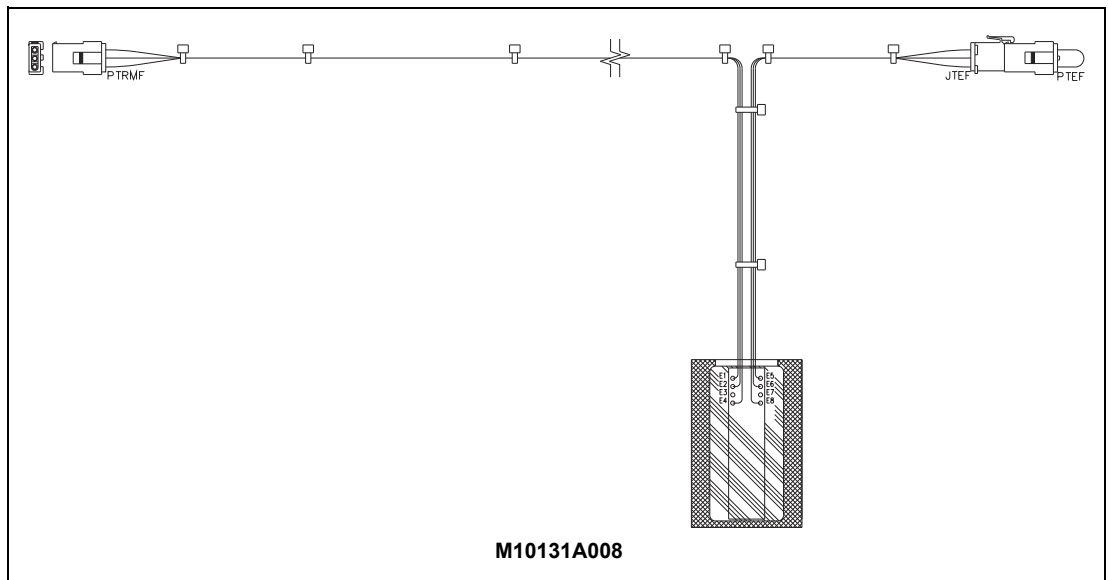


Item #	Part Description	Current Part	Quantity
1	Assembly, Conduit and Cable, DEF, and SMART Meter™ Pulser	M04114A008	1
2	Cable, Handle Switch Dual/Single	M05105A003	1

CW DEF

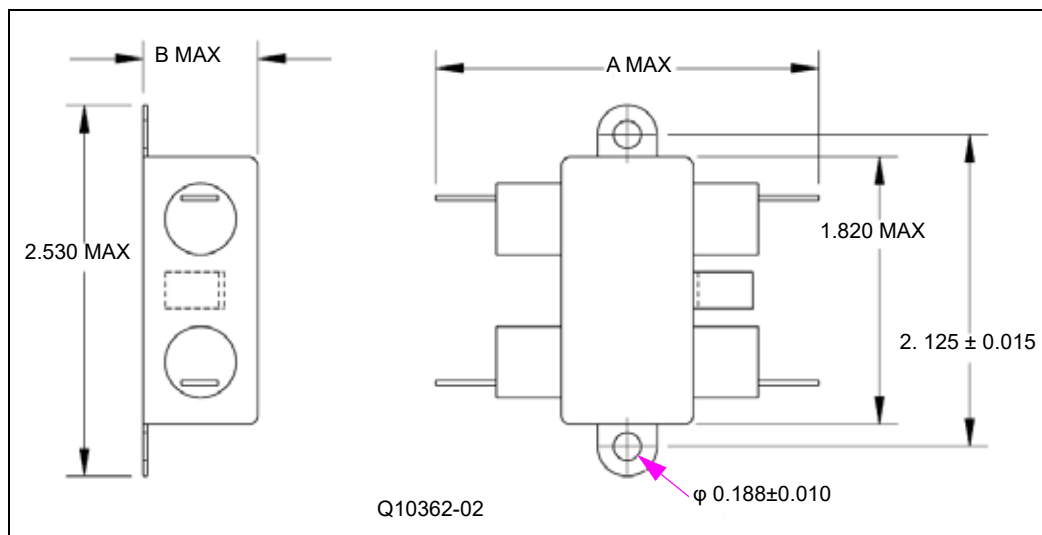






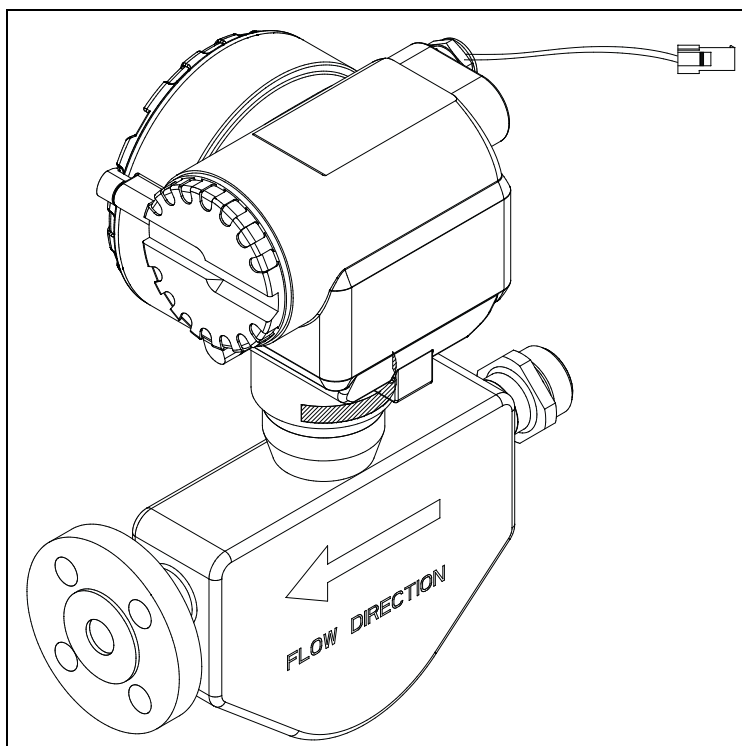
Item #	Part Description	Current Part	Quantity
1	Assembly, Conduit and Cable	M09958A003	1
2	Assembly, Main DEF AC Cable	M11277A001	1
3	Assembly, Main DEF DC Cable	M11277A002	1
4	Assembly, Conduit and Cable, DEF and SMART Meter Pulser	M04114A007	1
5	Cable, Heater Relay Extender	M12261A001	1
6	Cable, +24 V to Heater	M12262A001	1
7	Cable, AC Extender	M12263A001	1
8	Cable, Heater Relay Extender	M12264A001	1
9	Cable, Pump Handle	M12201A001	1
10	Cable, Splitter Heater	M12202A002	1
11	Cable, Temperature Sensor DEF (Heater)	M10131A006	1
12	Cable, Temperature Sensor DEF (Frozen)	M10131A008	1
13	Cable, Heater Adapter, (Q13254-03 heater)	M07233A003	1
14	Cable, Heater Adapter, (Q13254-05 heater)	M07233A009	1

Power Line Filter



Item #	Part Description	Current Part	Quantity
1	Filter, Power Line 2 A/115-250 VAC	Q10362-02	1

Coriolis Meter



Note: Coriolis Meter can be replaced with Magmeter (M18023K001) Retrofit Kit, if required.

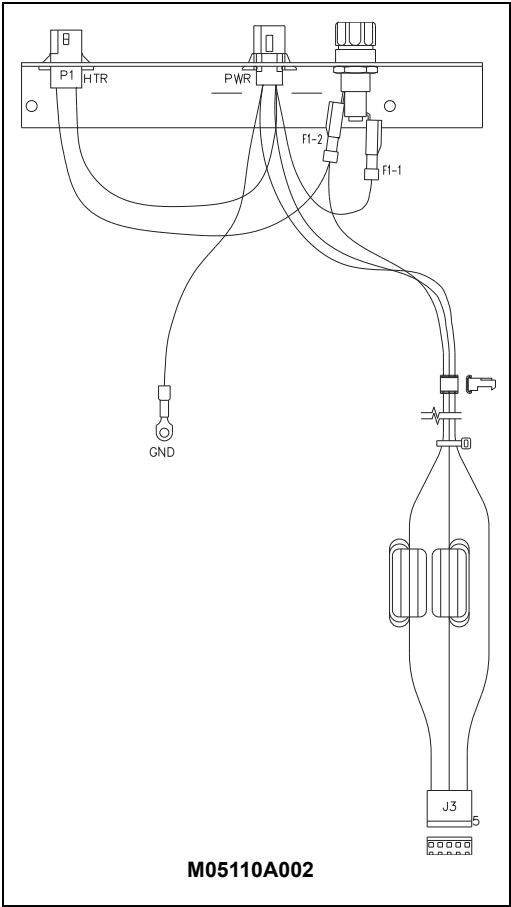
Item #	Part Description	Current Part	Previous Part	Quantity
1	Coriolis Meter	M10006A003	M10006A001	1
2	Electronic Module (Not shown)	M10006B501	-	1

DEF Magmeter

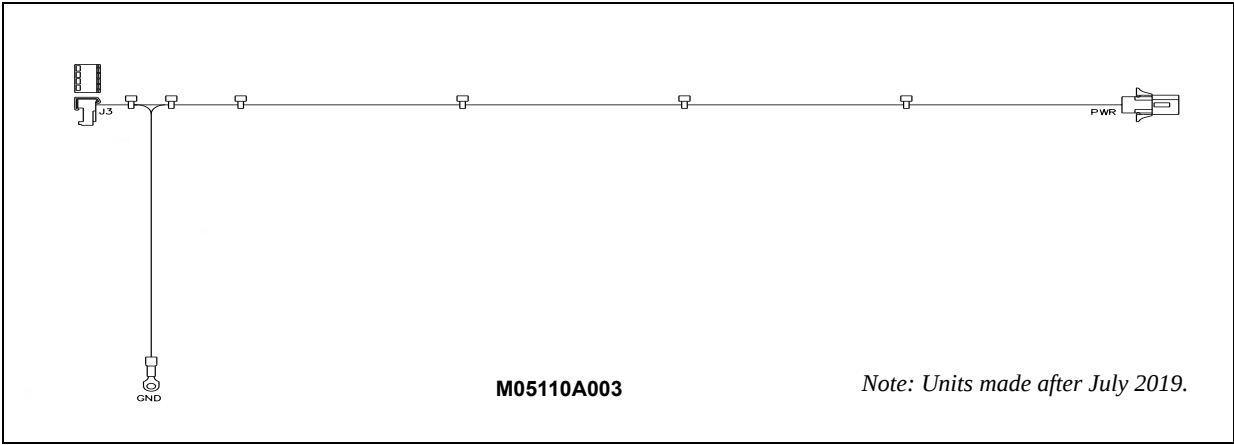


Item #	Part Description	Current Part	Previous Part	Quantity
1	Magmeter	M16502B001	M10006A003	1

AC Bracket Assembly



Item #	Part Description	Current Part	Quantity
1	AC Bracket Assembly	M05110A002	1



26 – Atlas Kits

Following table details the Atlas Kit numbers with their description, quantity, and MDE/drawing numbers:

Kit Number	Description	Used On	Quantity	MDE/Drawing
G032752	External Filter Kit, Particulate	Atlas Ultra-Hi	1 per Hose	MDE-4430
G032753	External Filter Kit, Water Alert			
G032754	External Filter Kit, Particulate	Atlas STD and SHF		
G032755	External Filter Kit, Water Alert			
C06426K9850G	S/W, Ultra-Hi 9850K Gallons	9800 CPUs, C06391-C06394, C06500-C06503	1 per Unit	M02775
C06426K9850L	S/W, Ultra-Hi 9850K Liters			
C06426K9850M (obsolete, see note 1)	S/W, Ultra-Hi 9850K IMP Gallons			
M03946K001	S/W, Standard 9800K Gallons	Atlas 9800K CPU, M05346	1 per Unit	M02775
M03946K002	S/W, Standard 9800K Liters			
M03946K003	S/W, Standard 9800K IMP Gallons			
M03946K004	S/W, Super-Hi 9840K Gallons	Atlas 9840K CPU, M05346		M02775
M03946K005	S/W, Super-Hi 9840K Liters			
M03946K006	S/W, Super-Hi 9840K IMP Gallons			
M04607K010	Asco Solenoid Valve Diaphragm Kit	Atlas Standard Models	1 per Hose	Gasboy approved supplier provided instructions.
M04607K012	Asco Solenoid Valve Coil Kit, 110/120 V			
M04607K013	Asco Solenoid Valve Coil Kit, 220/240 V			
M04731K-Series	XU2A Pumping Unit Repair Kits - Contact Gasboy for specific kit listing, or refer to <i>MDE-4320 Gasboy UHF Pump, Blackmer XU2A Rebuild Kit Installation Manual.</i>	Atlas UHF (9850K) Models only	1 per Unit	MDE-4320
M04920K-Series	GPU Repair Kits - Contact Gasboy for specific kit listing, or refer to <i>MDE-4447 Gilbarco Global Pumping Unit Operation and Service Manual.</i>	Atlas STD and SHF Models only	1 per grade	Gasboy approved supplier provided instructions.
M05559K001	Universal Seals Kit	Atlas/Titan	1 per Unit	
M05813K004 (see note 2)	Main Totalizer Relocation Kit	Atlas Single Comm Mech Model 9100 except 9140	1 per Unit	G032933
	Main Totalizer Relocation Kit	Atlas Dual Comm Mech Model 9100 except 9140		
	Main Totalizer Relocation Kit	Atlas 9140 Comm Mech Super-Hi		
M05816K001	Submersible Drive Relay Kit, Single	Atlas Electronic Units	1 per Unit	MDE-4596
M05816K002	Submersible Drive Relay Kit, Dual			
M05819K001	ATC Comm Field Kit, Single	Atlas Electronic Commercial STD and SHF	1 per Unit	MDE-4331
M05819K002	ATC Comm Field Kit, Dual			
M05819K003	ATC UHF Field Kit - Single	Atlas Ultra-Hi Comm 1-hose		
M05819K004	ATC UHF Field Kit - Dual	Atlas Ultra-Hi Comm 2-hose		
M14476K001	High Hose Retriever (HHR) Post and Hardware Kit	HHR Kit for Mechanical Atlas Models 91/ 87	1 per Hose	MDE-4462
		HHR Kit for Electronic Atlas Models 98/88		

Kit Number	Description	Used On	Quantity	MDE/Drawing
M06184K003	Vapor Recovery Kit	Atlas Electronic Dispensers	1 per Hose	MDE-4487
M06184K004	Vapor Recovery Kit	Atlas Mechanical Dispensers		
M06227K002	Lamp Kit	Mechanical/Electronic Units	1 per Unit	MDE-4512
M06245K001	Pulser Retrofit Kit 10:1 Volume Dual	Mech 87K, 91K except 9140K	1 per Unit	MDE-4506
M06245K002	Pulser Retrofit Kit 100:1 Volume Dual			
M06245K003	Pulser Retrofit Kit 1:1 Volume Dual			
M06245K004	Pulser Retrofit Kit 10:1 Volume SGL			
M06245K005	Pulser Retrofit Kit 100:1 Volume SGL			
M06245K006	Pulser Retrofit Kit 1:1 Volume SGL			
M06245K007	Pulser Retrofit Kit 100:1 Money SGL	Mech 87K		
M06245K008	Pulser Retrofit Kit 100:1 Money Dual	Mech 9140K		
M06245K009	Pulser Retrofit Kit 10:1 Volume 9140			
M06245K010	Pulser Retrofit Kit 1:1 Volume 9140			
M06245K011	Pulser Retrofit Kit 100:1 Volume 9140			
M06301K009	Electro-mech Tot with Pulse-out	Atlas Retail Elec Sgl and Dual Units, except UHF	1 per Unit	MDE-4511
M06301K010	Electro-mech Tot without Pulse-out			
M06333K002	Atlas 9800 CPU Generic Spare Kit (115 VAC)	Contains: M06333K9800K M15579K001 M06656K001-K006 M08218K001 (ATC Kit)	1 per Unit	MDE-4652
M06333K003	Atlas 9800 CPU Generic Spare Kit (230 VAC)	Contains: M06333K9800K M15579K001 M06656K001-K006 M08218K001 (ATC Kit)	1 per Unit	MDE-4652
M06382K003	Electro-mech Tot with RS-485 I/F	Atlas Comm Elec Units	1 per Unit	MDE-4511
M06382K004	Electro-mech Tot with Pulse-out I/F (Dual Common/Distinct outputs, Two Dual Common Outputs)	Atlas Comm Elec Units		
M06391K001	Satellite Piping Conversion Kit	9153KX and 9853KX, 115 V SGL	1 per Unit	MDE-4514
M06391K002	Satellite Piping Conversion Kit	9153KX and 9853KX, 115 V Dual		
M06391K003	Satellite Piping Conversion Kit	9153KX and 9853KX, 230 V SGL		
M06391K004	Satellite Piping Conversion Kit	9153KX and 9853KX, 230 V Dual		
M06422K001	Satellite Piping Kit	Ultra-Hi 1 Grade Dispenser	1 per Unit	M06945
M06422K002	Satellite Piping Kit	Ultra-Hi 2 Grade Dispenser		
M06422K003	Satellite Piping Kit	Ultra-Hi 1 Grade Pump		
M06430K007	Vapor Recovery Kit	Atlas Self-contained Electronic 1GR 1HS	1 per Unit	MDE-4522
M06430K008	Vapor Recovery Kit	Atlas Self-contained Electronic 2GR		
M06430K009	Vapor Recovery Kit	Atlas Self-contained Electronic 1GR 2HS		
M06430K010	Vapor Recovery Kit	Atlas Self-contained Mechanical 1GR 1HS		
M06430K011	Vapor Recovery Kit	Atlas Self-contained Mechanical 2GR		
M06430K012	Vapor Recovery Kit	Atlas Self-contained Mechanical 1GR 2HS		
M06648K001	Discharge Piping Kit, 1" NPT	Atlas STD Models	1 per Hose	MDE-4533
M06656K001	S/W, Standard 9800K	M06656K00X are Atlas 9800 Serial EEPROM boards used for reprogramming M06333KXXXX CPU Boards	1 per Unit	M02775, M06656
M06656K002	S/W, Ultra-Hi 9850			
M06656K003	S/W, Super-Hi 9840K			
M06656K004	S/W, Standard 9800Q			
M06656K005	S/W, Super-Hi 9840Q			
M06656K006	S/W, Standard 9862KX and 9872KX			

Kit Number	Description	Used On	Quantity	MDE/Drawing
M06656K100	S/W, Standard 9800K, Ultra-Hi 9850, Super-Hi 9840K, Standard 9800Q, Super-Hi 9840Q	Consists of M06656K001 - K006 (Used for reprogramming M06333KXXXX CPU Boards)	1 per Unit	M02775, M06656
M06699K001	Motor Kit, 1 HP 60 Hz 1PH	Atlas Self-contained	1 per Hose	MDE-4541
M06699K002	Motor Kit, 1 HP 50 Hz 1PH	Atlas Self-contained		
M06874K001	Mechanical Hand Drive	Atlas STD and Self-contained Pumps	1 per Grade	MDE-4557
M06875K001	ATC Retail Kit Single with Pulse-out	Atlas Electronic Retail Models 88K	1 per Unit	MDE-4556
M06875K002	ATC Retail Kit Dual with Pulse-out			
M06804K002	Air Gap Rain Baffle Kit	Atlas Electronic Models Only	1 per Unit	MDE-4548
M06943K001	Mechanical Tot, Gal	Atlas Ultra-Hi Models	1 per Hose	MDE-4568
M06943K002	Mechanical Tot, Lit			
M08400K001	Kit, Atlas Bezel Installation	Atlas Standard Models	1 per Unit	MDE-4740
M08400K002	Kit, Atlas Prime Bezel Installation	Atlas PRIME Models Only	1 per Unit	MDE-4740
M12421K001	Kit, 115 V PS W/1 Display	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
M12421K002	Kit, 115 V PS W/2 Displays	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
M12421K003	Kit, 115 V PS W/4 Displays	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
M12422K001	Kit, 230 V PS W/1 Display	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
M12422K002	Kit, 230 V PS W/2 Displays	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
M12422K003	Kit, 230 V PS W/4 Displays	Atlas Electronic Commercial Models only	1 per Unit	MDE-4998
Notes: 1. No replacement. 2. New bezel with totalizer opening may be required.				

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