

**Flavor Burst®**  
**Deluxe Cabinet**  
- Operations Manual Supplement

**Models: CTP 80SS-DLX**  
**CTP 80BLD-DLX**  
**CTP 80CBB-DLX**  
**CTP 80BEV-DLX**  
**CTP 80FCB-DLX**



Manufactured by

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**For pricing, ordering and support,  
contact one of our qualified  
distributors.**

**PLEASE READ FIRST!**

This supplement is not a full operations manual. It does not contain complete information on installing and maintaining your new system. The purpose of this manual supplement is to provide you with *additional* information and instruction, such as diagrams and part lists, which are either not included or are different from what is shown in the standard manual. Read through these installation and maintenance instructions first and then refer to your standard manual for the rest of the instructions. Be sure to also refer to your standard model to get complete information needed for your system. All manuals and supplements are available on [www.flavorburst.com](http://www.flavorburst.com)

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**TABLE OF CONTENTS**

**FCC Conformity Statement.....3**

**Introduction.....4**

**Safety Precautions.....4**

**Environmental Notices.....5**

**Parts Identification/Function.....7**

**Equipment .....46**

    Connecting the Unit Syrup Line and Pump Harness Cable..... 46

    Installing the Electronics Box and Power Connections.....48

    Filling the Sanitizer Tank.....50

    EQUIPMENT SETUP - Continued.....52

**Other Important Information.....52**

**Ordering/Service Information.....53**

## **FCC Conformity Statement:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **FCC RF Radiation Exposure and SAR Statements SAR Statement.**

The Flavor 10\* has been tested for body-worn Specific Absorption Rate (SAR) compliance. The FCC has established detailed SAR requirements and has established that these requirements. RF Exposure Information. The radio module has been evaluated under FCC Bulletin OET 65C (01-01) and found to be compliant to the requirements as set forth in CFR 47 Sections, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. This model meets the applicable government requirements for exposure to radio frequency waves. The highest SAR level measured for this device was 0.293W/kg.

*\*The Flavor 10 is also referred to as the Touch Panel throughout this manual.*



## INTRODUCTION

Congratulations on your purchase of a CTP Deluxe flavoring system! As a food and beverage provider, your customers are your greatest asset. Your primary concern must be the health and welfare of your customers. This manual supplement provides specialty information on the parts of your equipment model that differ from the standard model. Use this supplement with your full standard manual(s) for everyday operating guidelines and procedures. We urge you to follow these instructions carefully and maintain strict sanitary practices in your daily operating routine. *\*Use this manual supplement in conjunction with the standard manual(s) included with your system.\**

The CTP Deluxe series system is added to a soft serve / shake / slush / FCB freezer to inject concentrated flavorings throughout the product as it is dispensed. Dispensing Flavor Burst product is very simple. Select a flavor from the Touch Panel and draw the product. The Flavor Burst system will automatically flavor the product at the spout. You can also have multiple flavors per serving. Simply select the flavors from the Touch Panel and draw the product. The system will switch from one flavor to the next in a smooth, continuous motion, layering the serving with different, delicious flavors.

Flavor Burst® syrup is stored within the equipment cabinet in 1 gallon disposable bags. Proper syrup injection rate is maintained by adjusting the flavor level on the system Touch Panel.

Components of the Flavor Burst system should be cleaned daily to ensure the highest standard of sanitation. When your equipment is delivered or if it has been unused for more than 24 hours, follow the DAILY OPENING PROCEDURES in your standard operations manual(s).

**NOTE:** PARTS AND PART NUMBERS MAY VARY FROM WHAT IS SHOWN AND LISTED. CONSULT YOUR LOCAL DISTRIBUTOR IF YOU HAVE ANY QUESTIONS CONCERNING DIFFERENCES.

## SAFETY PRECAUTIONS

Always follow these safety precautions when operating the Flavor Burst® system:



**DO NOT** operate the system without reading this operator's manual. Failure to follow this instruction may result in equipment damage, poor system performance, health hazards, or personal injury.



**DO NOT** operate the system unless it is properly grounded. Failure to follow this instruction may result in electrocution.



**DO NOT** operate the system with larger fuses than specified on the system data label. Failure to follow this instruction may result in electrocution or damage to the machine. Consult your electrician.



**DO NOT** put objects or fingers in the door spout. Failure to follow this instruction may result in contaminated product or personal injury from blade contact.



The INT cabinet system must be placed on a level surface capable of supporting at least 220 lbs of weight. Failure to comply may result in personal injury or equipment damage.



**DO NOT** place more than 25 lbs of weight on top of the cabinet. Failure to comply may result in personal injury or equipment damage.



**DO NOT** install the unit in an area where a water jet could be used, and do not use a water jet to clean or rinse the system. Failure to follow these instructions may result in serious electrical shock.

**HAZARD COMMUNICATION STANDARD (HCS) – The procedure(s) in this manual include the use of chemical products. These chemical products will be highlighted in bold-faced letters followed by the abbreviation (HCS) in the text portion of the procedure. See the Hazard Communication Standard (HCS) manual for the appropriate Material Safety Data Sheet(s) (MSDS).**



**NOISE LEVEL:** Airborne noise emission does not exceed 70 dB(A) when measured at a distance of 1.0 meter from the surface of the machine and at a height of 1.6 meters from the floor.



**NOTE:** Operations Manual subject to change. Contact your local distributor for most recent updates concerning the CTP Deluxe system.



**NOTE:** Access to the service area is restricted to persons having safety / hygiene knowledge and practical experience of the appliance.



**NOTE:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.



**NOTE:** Children shall not play with the appliance.



**NOTE:** Cleaning and user maintenance shall not be made by children without supervision.



**NOTE:** Operate unit under normal ambient temperatures between 60 and 80 degrees Fahrenheit. Unit should never be exposed to freezing temperatures.

### **ENVIRONMENTAL NOTICES**



If the crossed out wheeled bin symbol is affixed to this product, it signifies that this product is compliant with the EU Directive for Waste Electric/Electronic Goods (WEEE) as well as other similar legislation in affect after August 13, 2005. Therefore, it must be collected separately after is use is completed, and cannot be disposed of as unsorted municipal waste.

The user is responsible for returning the product to the appropriate collection facility, as specified by your local codes. For additional information regarding applicable local laws, please contact the municipal facility and/or local distributor.

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## PARTS IDENTIFICATION/FUNCTIONS

### General Cabinet Overview (See Figure 1)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1	ELE 906A	TOUCH PANEL ASSEMBLY WITH BRACKET	1	Flavor Burst unit command center.
2	ELE 434	POWER CABLE	1	Supplies the electronics board with power.
3-1	INJ 424TS	INJECTOR ASSEMBLY	1* 0**	<b>FOR “SS” SYSTEMS:</b> Injects syrups into the product. *1 for 80SS systems. **0 for 80BLD, 80BEV, 80FCB, 80CBB systems.
OR...				
3-2	INJ 424BLD	FLAVOR BLEND BLENDING ASSEMBLY	1* 0**	<b>FOR “BLD” SYSTEMS:</b> Blends syrups into the product. *1 for 80BLD systems. **0 for 80SS, 80BEV, 80FCB, 80CBB systems.
OR...				
3-3	INJ 424VTS	VERTICAL BLENDING ASSEMBLY	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Blends syrups into the product. *1 for 80BEV systems. **0 for 80SS, 80BLD, 80FCB, 80CBB systems.
OR...				
3-4	INJ 424P	PREMIUM BLENDING ASSEMBLY	1* 0**	<b>FOR “CBB” SYSTEMS:</b> Blends syrups into the product. *1 for 80CBB systems. **0 for 80SS, 80BLD, 80FCB systems.
OR...				
3-5	ADPT TY80S-FCB	MODIFIED FCB FREEZER SPOUT ASSEMBLY	1* 0**	<b>FOR “FBC” SYSTEMS:</b> Dispenses product blended with syrups. *1 for 80FCB systems. **0 for 80SS, 80BLD, 80BEV, 80CBB systems.
4	MIS 3196	STAINLESS TUBE / CABLE CASING ASSEMBLY	1	Attaches the flavor lines and/or cables to the side of the freezer.
5	SAN 756	SANITIZER TANK ASSEMBLY	1	Houses sanitizer cleaning solution.
6	CAB 113	FLAVOR TRAY	8	Houses syrup bags.
7	N/A	FLAVOR BURST DELUXE CABINET ASSEMBLY - OUTER	1	Houses inner cabinet assembly.
8	N/A	FLAVOR BURST DELUXE CABINET ASSEMBLY - INNER	1	Houses syrup trays and bags.
9	N/A	CTP-DLX ELECTRONICS BOX	1	Protects the electronics board and connections.

## General Cabinet Overview (Continued)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
10-1	SYR 945	SYRUP BAG CONNECTOR ASSEMBLY	8* 0**	<b>FOR “SS” “CBB” &amp; “BLD” SYSTEMS:</b> Transports syrup from the bag to the pumps. *8 for 80SS, 80BLD, 80CBB systems. **0 for 80BEV, 80FCB systems.
OR...				
10-2	SYR 945SH	SYRUP TUBE ASSEMBLY - SHAKE	8* 0**	<b>FOR “BEV” &amp; “FCB” SYSTEMS:</b> Transports syrup from the bag to the pumps. *8 for 80BEV, 80FCB systems. **0 for 80SS, 80BLD, 80CBB systems.
11	ELE 525M	MALE TO MALE 48” SWITCH EXTENSION	1	Connects Touch Panel to the freezer switch.
12	MIS 3026S	TOUCH PANEL CABLE CASING	1	Conceals and protects the Touch Panel cable, as well as attaches it to the freezer.
13-1	SPR 5800A	SPARE PARTS KIT	1* 0**	<b>FOR “SS” SYSTEMS:</b> Houses extra spare parts and wear items. *1 for 80SS systems. **0 for 80BLD, 80BEV, 80CBB, 80FCB systems.
OR...				
13-2	SPR 5800BLD	SPARE PARTS KIT TOUCHSCREEN FLAVOR BLEND	1* 0**	<b>FOR “BLD” SYSTEMS:</b> Houses extra spare parts and wear items. *1 for 80BLD systems. **0 for 80SS, 80BEV, 80CBB, 80FCB systems.
OR...				
13-3	SPR 5800BEV	SPARE PARTS KIT TOUCHSCREEN BEVERAGE	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Houses extra spare parts and wear items. *1 for 80BEV systems. **0 for 80BLD, 80SS, 80CBB, 80FCB systems.
OR...				
13-4	SPR 5800P	SPARE PARTS KIT TOUCHSCREEN BEVERAGE	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Houses extra spare parts and wear items. *1 for 80CBB systems. **0 for 80BLD, 80SS, 80BEV, 80FCB systems.
OR...				
13-5	SPR 5800FCB	SPARE PARTS KIT TOUCHSCREEN FCB	1* 0**	<b>FOR “FCB” SYSTEMS:</b> Houses extra spare parts and wear items. *1 for 80FCB systems. **0 for 80BLD, 80BEV, 80CBB, 80SS systems.

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## General Cabinet Overview

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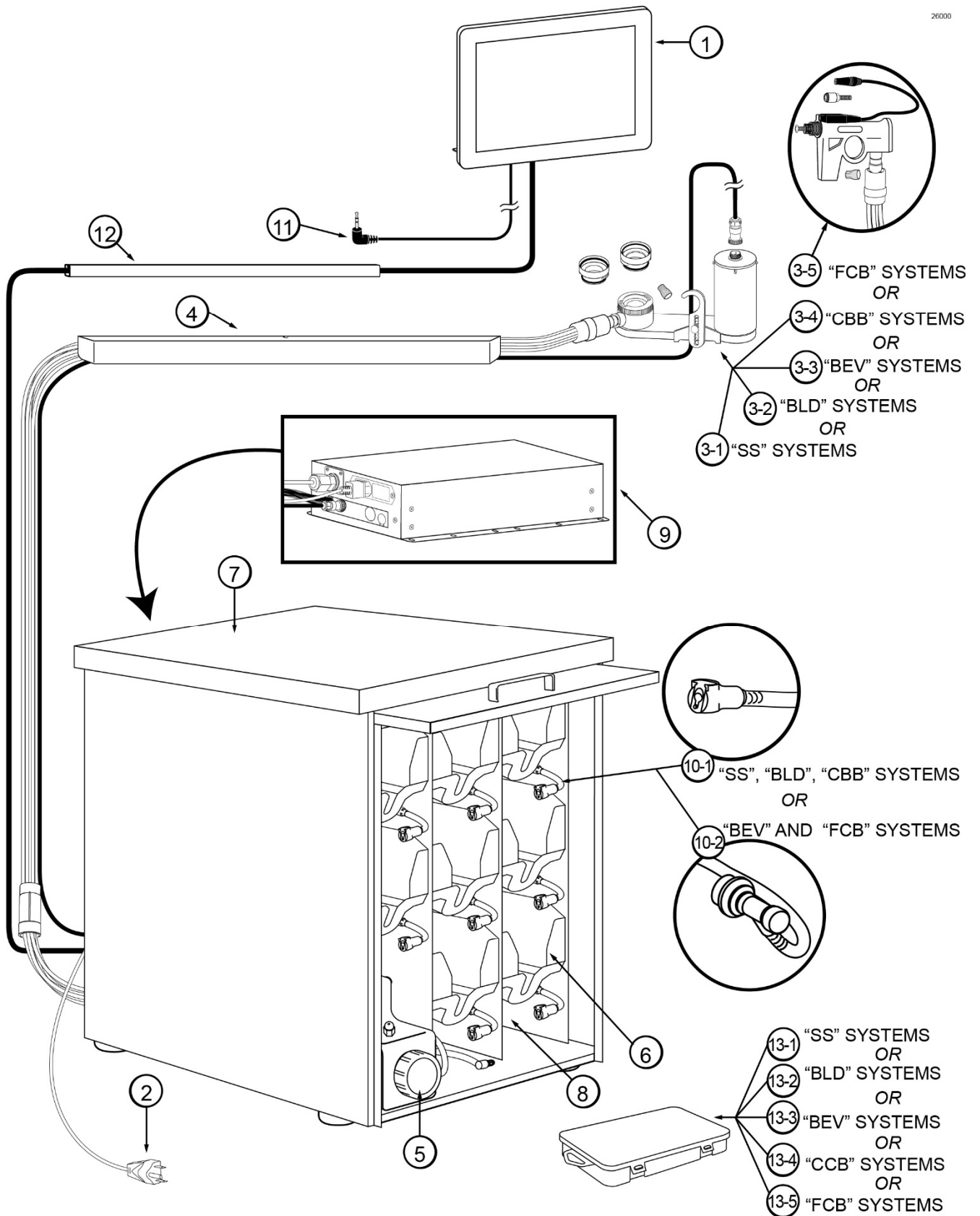


Figure 1

## Outer Cabinet (See Figure 2)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1	CAB 237	CABINET TOP PANEL	1	Covers the top of the inner cabinet.
2	CAB 235L	CABINET LEFT SIDE PANEL	1	Covers the left side of inner cabinet.
3	N/A	INNER CABINET ASSEMBLY	1	Houses syrup trays and bags.
4	CAB 239	CABINET FRONT DOOR PANEL	1	Front door, allows access to flavor bags.
5	CAB 256	FRONT DOOR HANDLE	1	Allows grip for opening front panel.
6	FAS 2014	8-32 X 1/2 PAN HEAD SCREW	2	Fastens the handle to front door panel.
7	RUB 618	RUBBER BUMPER W/ WASHER	4	Provides spacing between cabinet base and table.
8	FAS 2064	10-32 X 1/2" PAN HEAD SCREW	4	Fastens rubber bumpers to cabinet base.
9	MIS 3074	DUST CAP	4	Covers screw hole in rubber bumper.
10	CAB 236TS	CABINET REAR PANEL	1	Allows access to pumps.
11	CAB 235R	CABINET RIGHT SIDE PANEL	1	Covers right side of inner cabinet.
12	MIS 3150	FLAVOR BURST LOGO DECAL	1	Displays Flavor Burst trademark logo.
13	FAS 2024	8-32 X 1/4 PAN HEAD SCREW	2	Secures back panel to base.



## Outer Cabinet

26001

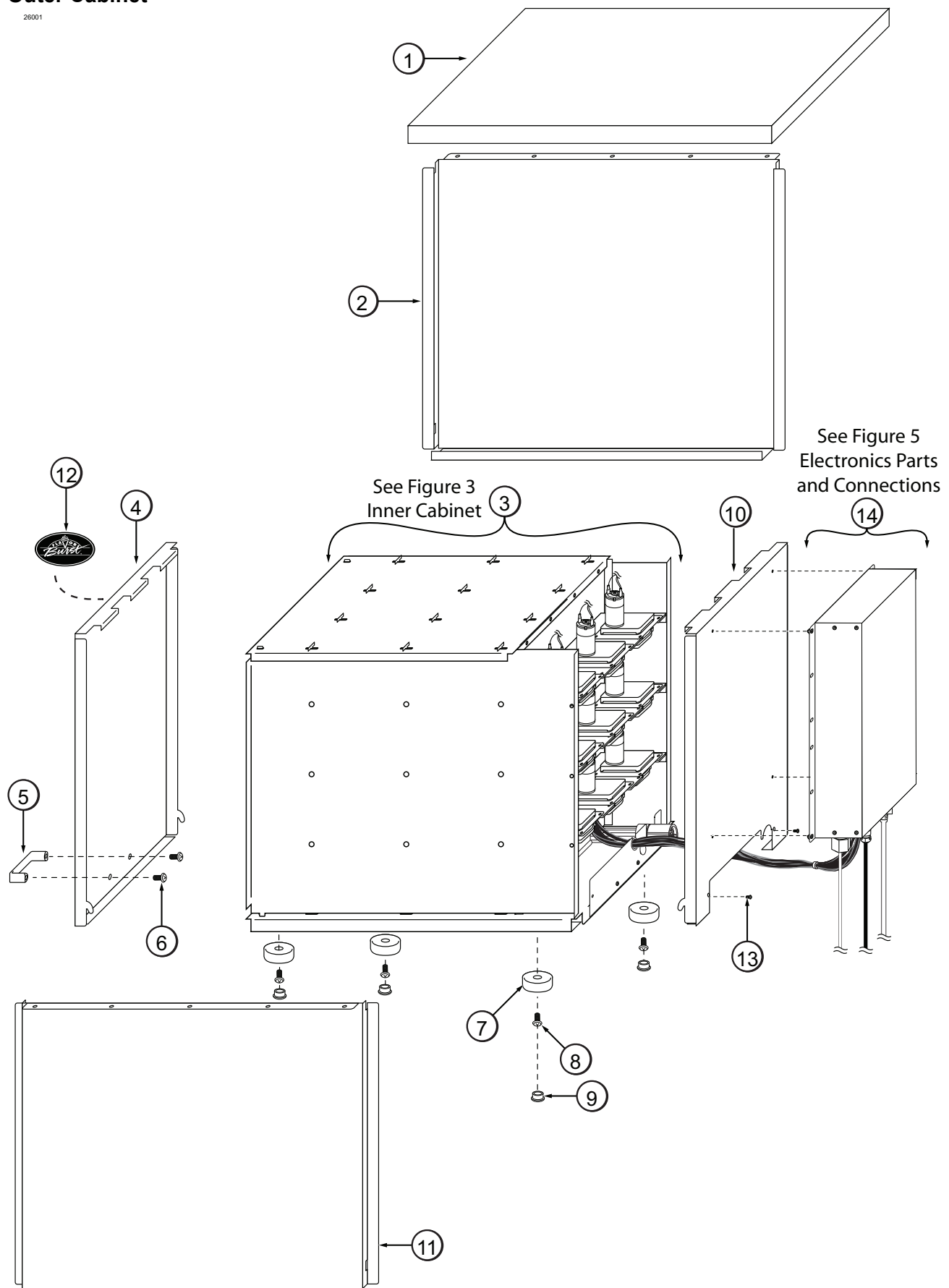


Figure 2

### Inner Cabinet (See Figure 3)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1	CAB 201	SYRUP RACK COVER PANEL	1	Keeps side and inner panels stable.
2	CAB 204L	SYRUP RACK LEFT PANEL	2	Holds outer syrup rails.
3-1	SYR 945	SYRUP BAG CONNECTOR ASSEMBLY – SOFT SERVE	8* 0**	<b>FOR “SS”, “CBB”, “BLD” SYSTEMS:</b> Transports syrup from the bag to pumps. *8 for 80SS, 80BLD, 80CBB systems. **0 for 80BEV, 80FCB systems.
OR...				
3-2	SYR 945SH	SYRUP TUBE ASSEMBLY - SHAKE	8* 0**	<b>FOR “BEV” and “FCB” SYSTEMS:</b> Transports syrup from the bag to pumps. *8 for 80BEV, 80FCB systems. **0 for 80SS, 80BLD, 80CBB systems
4	CAB 245	SYRUP TRAY RAIL	16	Holds flavor trays in place.
5	CAB 145	TRAY SUPPORT BRACKET	8	Houses flavor line leading to syrup bag.
6	CAB 203	SYRUP RACK DIVIDER PANEL	2	Holds inner syrup rails.
7	CAB 202	SYRUP RACK BACK PANEL	1	Attaches the inner and side panels.
8-1	MIS 3028-80M	SANITIZER FLUSH TUBE ASSEMBLY – SOFT SERVE INT	1* 0**	<b>FOR “SS”, “CBB”, “BLD” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80SS, 80BLD, 80CBB systems. **0 for 80BEV, 80FCB systems.
OR...				
8-2	MIS 3028-80M-SH	SANITIZER FLUSH TUBE ASSEMBLY – FROZEN BEVERAGE INT	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80BEV systems. **0 for 80SS, 80BLD, 80FCB, 80CBB systems.
OR...				
8-3	MIS 3028S-X	PUMP FLUSH ADAPTER EXTENSION - SHAKE	1* 0**	<b>FOR “FCB” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80FCB systems. **0 for 80SS, 80BLD, 80BEV, 80CBB systems.
9	CAB 233	SYRUP RACK BASE PANEL	1	Attaches the bottom of the inner and side panels.
10	CAB 204R	SYRUP RACK RIGHT PANEL	1	Holds outer syrup rails.
11	FAS 2024	8-32 X 1/4" PAN HEAD SCREWS	48	Fastens pump brackets and pumps and other cabinet parts.
12	CAB 205A	ACCESSORY MOUNTING BRACKET-A	1	Secures Accessory Mounting Bracket to cabinet base.
13	CAB 205CTP	ACCESSORY MOUNTING BRACKET – CTP DLX	1	Secures pump cable to cabinet base.
14	MIS 3192	LOCKING HOLE PULUG	1	Closes up the extra opening in the mounting plate.
15	MIS 3217	OPEN-CLOSE BUSHING 5/8"	1	Protects the pump harness cable.
16	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to the syrup and sanitizer pumps.

# Inner Cabinet (Continued)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
17	SAN 748	PERISTALTIC SANITIZER PUMP	1	Pumps sanitizer solution to flush tube and sanitizer line.
18-1	SYR 307	PERISTALTIC SYRUP PUMP – SOFT SERVE	8* 0**	<b>FOR “SS” “CBB” &amp; “BLD” SYSTEMS:</b> Pumps syrup from bags into flavor lines. *8 for 80SS, 80BLD systems. **0 for 80BEV, 80FCB, 80CBB systems.
OR...				
18-2	SYR 926	PERISTALTIC SYRUP PUMP – BEVERAGE	8* 0**	<b>FOR “BEV” &amp; “FCB” SYSTEMS:</b> Pumps syrup from bags into flavor lines. *8 for 80BEV, 80FCB systems. **0 for 80SS, 80BLD, 80CBB systems.
OR...				
18-3	SYR 926P	PERISTALTIC SYRUP PUMP – PREMIUM BEVERAGE	8* 0**	<b>FOR “CBB” SYSTEMS:</b> Pumps syrup from bags into flavor lines. *8 for 80CBB systems. **0 for 80SS, 80BLD, 80BEV, 80FCB systems.
19	CAB 255	PUMP BRACKET	3	Holds pumps.
20	SYR 927	INTERNAL 9-TUBE ASSEMBLY	1	Transports syrup from bags to the 9-Tube Assembly.

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# Inner Cabinet

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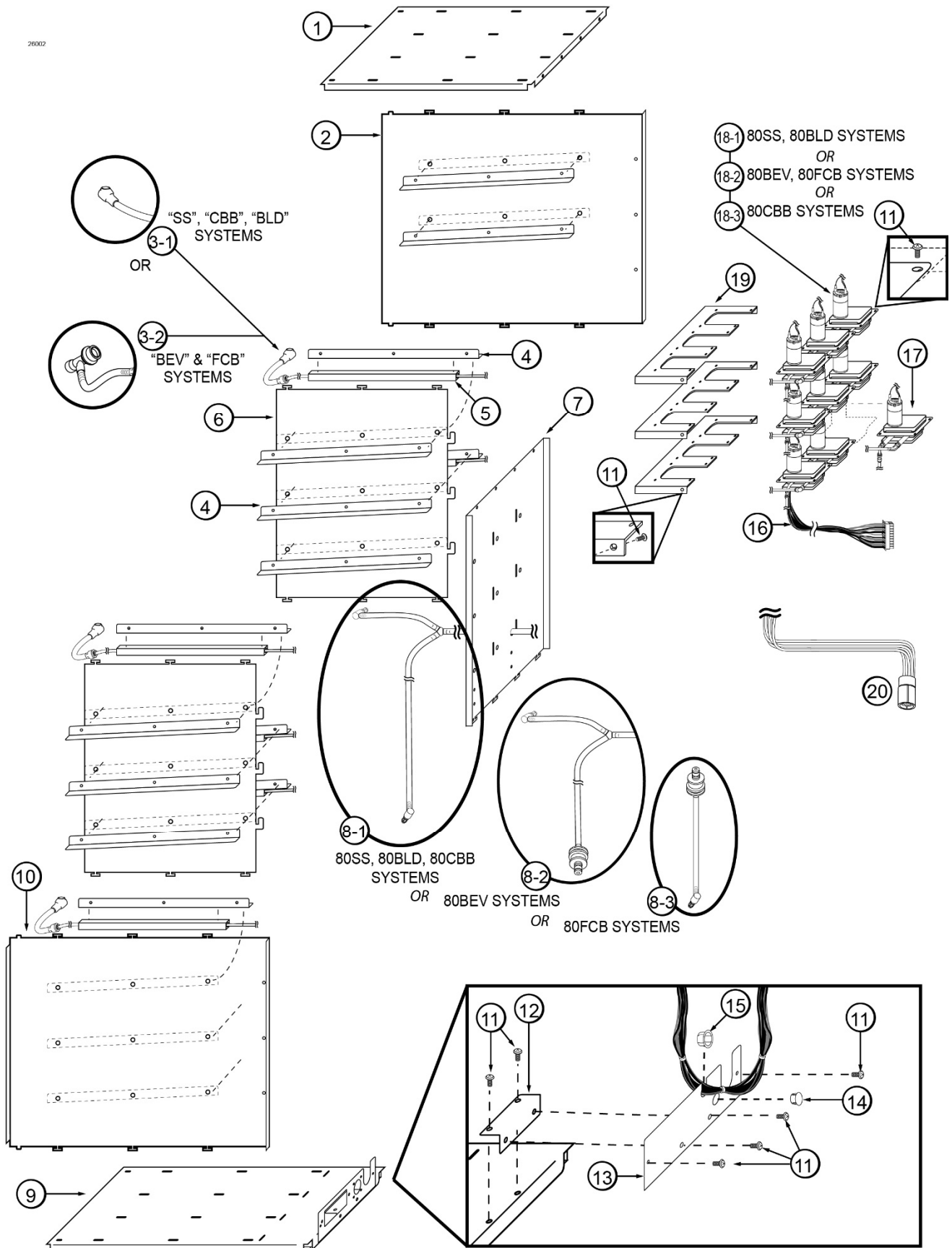


Figure 3

**“SS” Injector Assembly and Related Parts (See Figure 4A)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>A</b>	INJ 424TS	INJECTOR ASSEMBLY WITH SYRUP LINES, ADAPTER, & BRACKET	1* 0**	<b>FOR “SS” SYSTEMS:</b> Injects syrups into the product. *1 for 80SS systems. **0 for 80BEV, 80BLD, 80FCB, 80CBB systems.
1	INJ 422	INJECTOR HEAD ASSEMBLY	1	Connects flavor line to inject syrups into product.
1A	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
1B	RUB 651	INJECTOR HEAD O-RING 2-020	1 ea.	Provides a sealed cavity.
1C	RUB 660	LARGER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
2	INJ 321	GEAR CARTRIDGE ASSEMBLY	1	Rotates product for even syrup distribution.
3	SYR 932	6' 9-TUBE ASSEMBLY	1	Supplies syrup to Injector Head from pumps.
3A	FAS 2051	ROLLED FLANGE EYELET	18 ea.	Provides tension in syrup line to affix to line coupler.
3B	ROT 510	LINE COUPLER	2 ea.	Holds flavor lines in place.
3C	ROT 515-C	9-TUBE ASSEMBLY WAVE SPRING	1 ea.	Provides tension between tube connectors.
3D	INJ 116	LINE COUPLER NUT - BLACK	1 ea.	Attaches flavor tubes to flavor manifold.
3E	SYR 901	6' 9-TUBE ASSEMBLY TUBES	9 ea.	Brings syrup from pump to Injector Head.
3F	ROT 511	LINE COUPLER NUT	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
3G	RUB 602	9-POS TUBE CONN. GASKET	1 ea.	Provides sealed cavity.
4	INJ 117	TUBE CONNECTOR BODY –BLACK	1	Secures flavor line manifold to flavor lines.
5	MIS 3142	FLAVOR LINE DUST CAP – FB 80	1	Covers syrup manifold when not connected.
6	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Injector Head.
7	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.
8	MIS 3143	SUSPENSION BRACKET ASSEMBLY	1	Secures Injector Assembly to freezer door.
8A	FAS 2107	INJECTOR BRACKET KNOB	1 ea.	Secures the two bracket pieces.
8B	MIS 3143A	SUSPENSION BRACKET PART A	1 ea.	Attaches to freezer door bolts to hang Injector Assembly.
8C	MIS 3143B	SUSPENSION BRACKET PART B	1 ea.	Secures Bracket Assembly to Injector Assembly.
8D	MIS 3144	NYLON SHOULDER WASHER	1 ea.	Allows free horizontal movement for bracket
8E	ROT 535	ROTOR BRACKET SPRING WASHER	1 ea.	Allows space between hanging and base brackets

**“SS” Injector Assembly and Related Parts (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
9	INJ 323TS	INJECTOR ASSEMBLY - NO HEAD	1	Powers Injector system.
9A	INJ 330TS	INJECTOR MOTOR ASSEMBLY	1 ea.	Supplies power to Motor which turns gears.
9B	INJ 331	INJECTOR GEARBOX ASSEMBLY	1 ea.	Gears turn Gear Cartridge for even syrup distribution.
9C	FAS 2023	ACCESSORY MOUNTING BRACKET KNOB	1 ea.	Secures base Mounting Bracket to Gear Box.
10	ADPT 8750-A	CROWN ADAPTER WITH O-RINGS	1	Attaches Injector Assembly to freezer door.
10A	RUB 659	TAYLOR ADAPTER O-RING 8750	1 ea.	Creates tension to secure adapter to freezer door.
10B	ADPT 8750	CROWN ADAPTER WITOUT O-RINGS	1 ea.	Attaches Injector Assembly to freezer door.
10C	RUB 632	INJECTOR ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Injector Head.
11	ADPT 101A	INJECTOR ADAPTER W/ O-RINGS	1	Attaches Injector Assembly to freezer door.
11A	RUB 642	ADAPTER O-RING	1 ea.	Creates tension to secure adapter to freezer door.
11B	RUB 640	FLAT ADAPTER GASKET	1 ea.	Provides sealed cavity inside adapter.
11C	ADPT 101	INJECTOR ADAPTER	1 ea.	Attaches Injector Assembly to freezer.
11D	RUB 632	INJECTOR ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Injector Head.

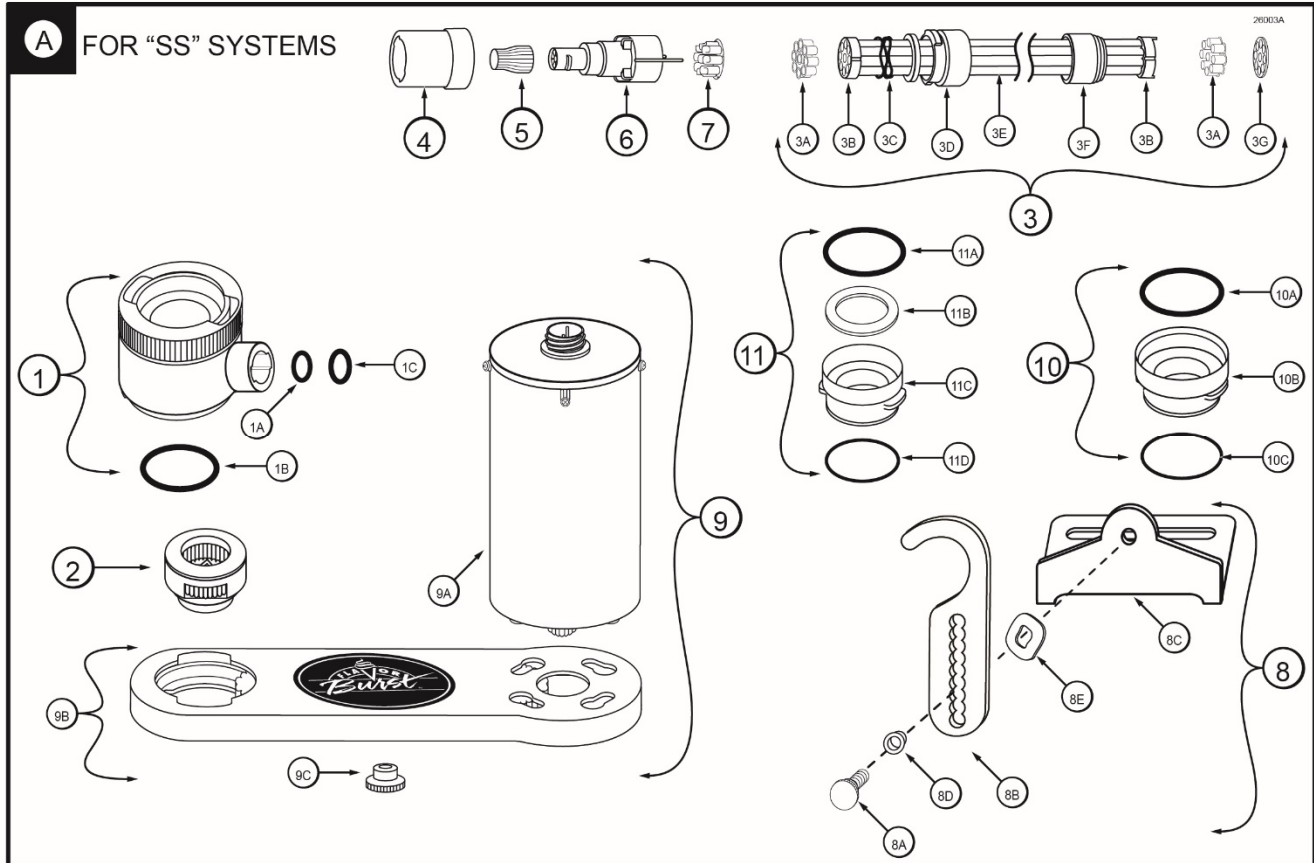


Figure 4A

**“BLD” Blending Assembly and Related Parts (See Figure 4B)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>B</b>	INJ 424BLD	FLAVOR BLEND BLENDING ASSEMBLY WITH SYRUP LINES, ADAPTER, & BRACKET	1* 0**	<b>FOR “BLD” SYSTEMS:</b> Blends syrups into the product. *1 for 80BLD systems. **0 for 80SS, 80BEV, 80FCB, 80CBB systems.
1	ADPT 101A	INJECTOR ADAPTER W/ O-RINGS	1	Attaches Blending Assembly to freezer door.
1A	RUB 642	ADAPTER O-RING	1 ea.	Creates tension to secure adapter to freezer door.
1B	RUB 640	FLAT ADAPTER GASKET	1 ea.	Provides sealed cavity inside adapter.
1C	ADPT 101	INJECTOR ADAPTER	1 ea.	Attaches Blending Assembly to freezer.
1D	RUB 632	INJECTOR ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Blending Head.
2	INJ 422C	BLENDING HEAD ASSEMBLY	1	Connects flavor line to inject syrups into product.
2A	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
2B	RUB 651	BLENDING HEAD O-RING 2-020	1 ea.	Provides a sealed cavity.
2C	RUB 660	LARGER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
3	INJ 321C	GEAR CARTRIDGE ASSEMBLY	1	Rotates product for even syrup distribution.
4	SYR 932	6' 9-TUBE ASSEMBLY	1	Supplies syrup to Blending Head from pumps.
4A	FAS 2051	ROLLED FLANGE EYELET	18 ea.	Provides tension in syrup line to affix to line coupler.
4B	ROT 510	LINE COUPLER	2 ea.	Holds flavor lines in place.
4C	ROT 515-C	9-TUBE ASSEMBLY WAVE SPRING	1 ea.	Provides tension between tube connectors.
4D	INJ 116	LINE COUPLER NUT - BLACK	1 ea.	Attaches flavor tubes to flavor manifold.
4E	SYR 901	6' 9-TUBE ASSEMBLY TUBES	9 ea.	Brings syrup from pump to Blending Head.
4F	ROT 511	LINE COUPLER NUT	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
4G	RUB 602	9-POS TUBE CONN. GASKET	1 ea.	Provides sealed cavity.
5	INJ 117	TUBE CONNECTOR BODY –BLACK	1	Secures flavor line manifold to flavor lines.
6	MIS 3142	FLAVOR LINE DUST CAP – FB 80	1	Covers syrup manifold when not connected.
7	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Blending Head.
8	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.
9	INJ 331	BLENDING GEARBOX ASSEMBLY	1	Gears turn Gear Cartridge for even syrup distribution.
9A	FAS 2023	ACCESSORY MOUNTING BRACKET KNOB	1 ea.	Secures base Mounting Bracket to Gear Box.
10	INJ 330HSB	HIGH SPEED BLENDING MOTOR ASSEMBLY	1	Powers Blending system.



**“BLD” Blending Assembly and Related Parts (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
11	MIS 3147	SUSPENSION BRACKET FOR BLEND ASSEMBLY	1	Secures Blending Assembly to freezer door.
11A	MIS 3147A	DOOR BRACKET	1 ea.	Secures the bracket to the freezer door.
11B	MIS 3147B	BASE BRACKET	1 ea.	Supports the Gear Box.
11C	MIS 3147C	VERTICAL ADJUSTMENT BRACKET	1 ea.	Secures the door and base brackets and creates a hinge on the bracket assembly.
11D	FAS 2107	THUMB KNOB	2 ea.	Secures the base bracket to the vertical adjustment bracket.
11E	FAS 2024	8-32 x 1/4 PAN HEAD SCREW	2 ea.	Secures the door bracket to the vertical adjustment bracket.
11F	FAS 2035	8-32 NUT EXT. WASHER	2 ea.	Locks the screws in place so they don't loosen.
11G	FAS 2177	NYLON LOCKING NUT	3 ea.	Secures the suspension bracket to the Gear Box.
12	ADPT 8750-A	CROWN ADAPTER WITH O-RINGS	1	Attaches Blending Assembly to freezer door.
12A	RUB 659	TAYLOR ADAPTER O-RING 8750	1 ea.	Creates tension to secure adapter to freezer door.
12B	ADPT 8750	CROWN ADAPTER WITOUT O-RINGS	1 ea.	Attaches Blending Assembly to freezer door.
12C	RUB 632	INJECTOR ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Blending Head.

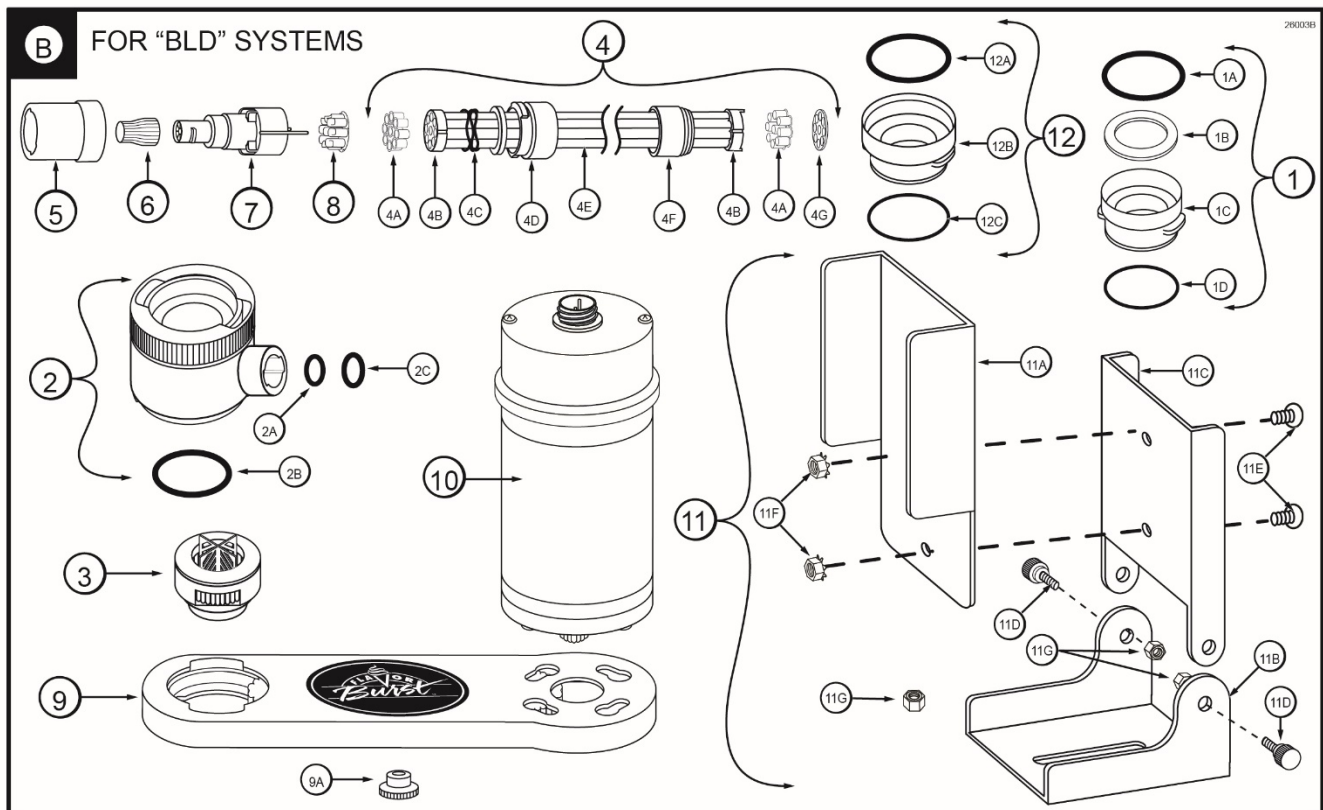


Figure 4B

**“BEV” Blending Assembly and Related Parts (See Figure 4C)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>C</b>	INJ 424VTS	VERTICAL BLENDING ASSEMBLY WITH SYRUP LINES, ADAPTER, & BRACKET	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Blends syrups into the product. *1 for 80BEV systems. **0 for 80SS, 80BLD, 80FCB, 80CBB systems.
1	INJ 422VS	BLENDING HEAD ASSEMBLY	1 ea.	Connects flavor line to inject syrups into product.
1A	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
1B	RUB 651	BLENDING HEAD O-RING 2-020	1 ea.	Provides a sealed cavity.
1C	RUB 660	LARGER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
2	INJ 321S	GEAR CARTRIDGE ASSEMBLY – VERTICAL BLENDER	1	Rotates product for even syrup distribution throughout slush product.
3	SYR 932	6' 9-TUBE ASSEMBLY	1	Supplies syrup to Blending Head from pumps.
3A	FAS 2051	ROLLED FLANGE EYELET	18 ea.	Provides tension in syrup line to affix to line coupler.
3B	ROT 510	LINE COUPLER	2 ea.	Holds flavor lines in place.
3C	ROT 515-C	9-TUBE ASSEMBLY WAVE SPRING	1 ea.	Provides tension between tube connectors.
3D	INJ 116	LINE COUPLER NUT - BLACK	1 ea.	Attaches flavor tubes to flavor manifold.
3E	SYR 901	6' 9-TUBE ASSEMBLY TUBES	9 ea.	Brings syrup from pump to Blending Head.
3F	ROT 511	LINE COUPLER NUT	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
3G	RUB 602	9-POS TUBE CONN. GASKET	1 ea.	Provides sealed cavity.
4	INJ 117	TUBE CONNECTOR BODY –BLACK	1	Secures flavor line manifold to flavor lines.
5	MIS 3142	FLAVOR LINE DUST CAP – FB 80	1	Covers syrup manifold when not connected.
6	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Blending Head.
7	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.
8	MIS 3143	BLENDING SUSPENSION BRACKET ASSEMBLY	1	Secures Blending Assembly to the freezer door.
8A	FAS 2107	INJECTOR BRACKET KNOB	1 ea.	Secures the two bracket pieces.
8B	MIS 3143A	BLENDING BRACKET PART A	1 ea.	Attaches to freezer door bolts to hang Blending Assembly.
8C	MIS 3143B	BLENDING BRACKET PART B	1 ea.	Secures Bracket Assembly to Blending Assembly.

**“BEV” Blending Assembly and Related Parts (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
9	INJ 323TS	BLENDING ASSEMBLY - NO HEAD	1	Powers Blending system.
9A	INJ 330TS	BLENDING MOTOR ASSEMBLY	1 ea.	Powers Blending system.
9B	INJ 331	BLENDING GEARBOX ASSEMBLY	1 ea.	Gears turn Gear Cartridge for even syrup distribution.
9C	FAS 2023	ACCESSORY MOUNTING BRACKET KNOB	1 ea.	Secures base Mounting Bracket to Gear Box.
10	ADPT 104R-A	CROWN ADAPTER WITH O-RINGS	1	Attaches Blending Assembly to freezer door.
10A	RUB 627	TAYLOR ADAPTER O-RING 8750	1 ea.	Creates tension to secure adapter to freezer door.
10B	ADPT 104R	CROWN ADAPTER WITOUT O-RINGS	1 ea.	Attaches Blending Assembly to freezer door.
10C	RUB 632	BLENDING ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Blending Head.

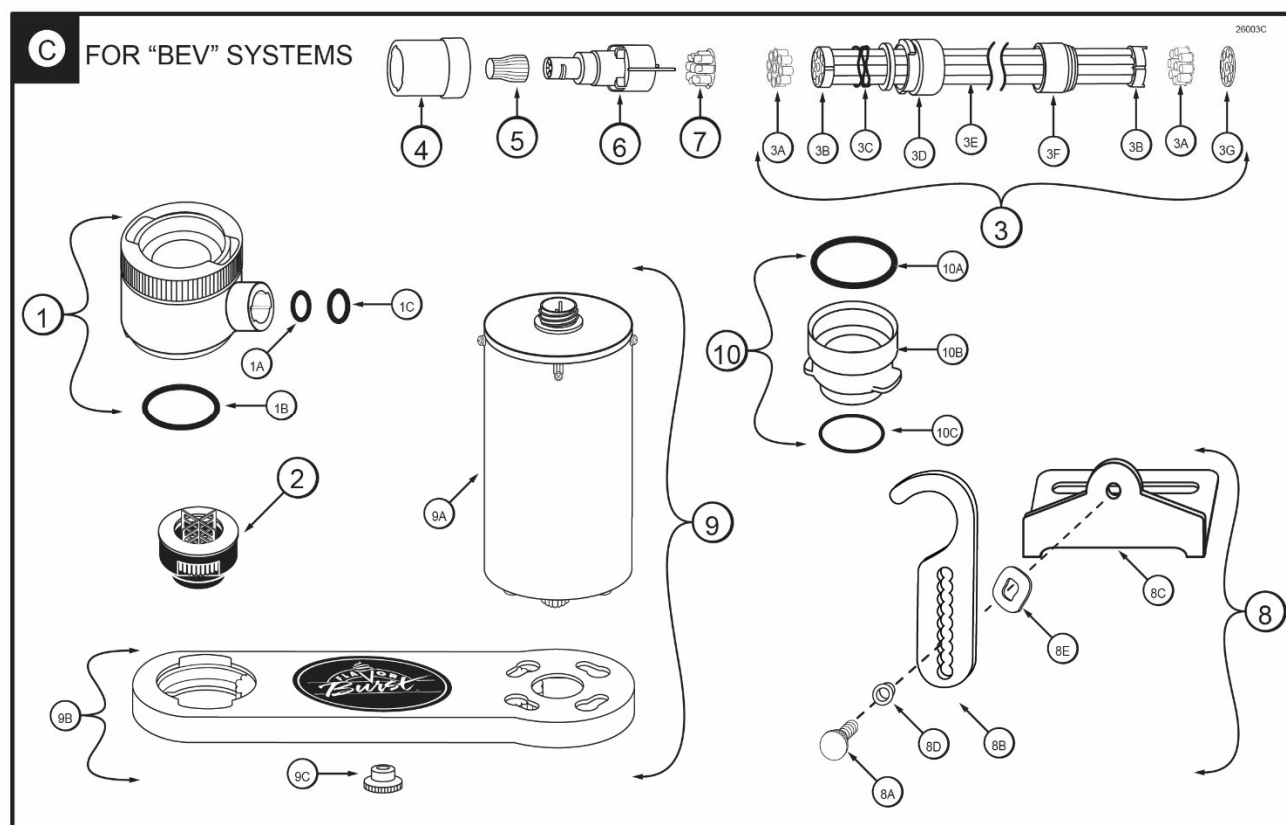


Figure 4C

**“CBB” Blending Assembly and Related Parts (See Figure 4D)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>D</b>	INJ 424P	PREMIUM BLENDING ASSEMBLY WITH SYRUP LINES, ADAPTER, & BRACKET	1* 0**	<b>FOR “CBB” SYSTEMS:</b> Blends syrups into the product. *1 for 80CBB systems. **0 for 80SS, 80BLD, 80FCB, 80BEV systems.
1	INJ 422C	BLENDING HEAD ASSEMBLY	1 ea.	Connects flavor line to inject syrups into product.
1A	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
1B	RUB 651	BLENDING HEAD O-RING 2-020	1 ea.	Provides a sealed cavity.
1C	RUB 660	LARGER SYRUP PORT O-RING	1 ea.	Provides sealed cavity inside syrup port.
2	INJ 321P	GEAR CARTRIDGE ASSEMBLY – PERMIUM BLEND	1	Rotates product for even syrup distribution throughout slush product.
3	SYR 932	6' 9-TUBE ASSEMBLY	1	Supplies syrup to Blending Head from pumps.
3A	FAS 2051	ROLLED FLANGE EYELET	18 ea.	Provides tension in syrup line to affix to line coupler.
3B	ROT 510	LINE COUPLER	2 ea.	Holds flavor lines in place.
3C	ROT 515-C	9-TUBE ASSEMBLY WAVE SPRING	1 ea.	Provides tension between tube connectors.
3D	INJ 116	LINE COUPLER NUT - BLACK	1 ea.	Attaches flavor tubes to flavor manifold.
3E	SYR 901	6' 9-TUBE ASSEMBLY TUBES	9 ea.	Brings syrup from pump to Blending Head.
3F	ROT 511	LINE COUPLER NUT	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
3G	RUB 602	9-POS TUBE CONN. GASKET	1 ea.	Provides sealed cavity.
4	INJ 117	TUBE CONNECTOR BODY –BLACK	1	Secures flavor line manifold to flavor lines.
5	MIS 3142	FLAVOR LINE DUST CAP – FB 80	1	Covers syrup manifold when not connected.
6	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Blending Head.
7	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.
8	MIS 3143	BLENDING SUSPENSION BRACKET ASSEMBLY	1	Secures Blending Assembly to the freezer door.
8A	FAS 2107	INJECTOR BRACKET KNOB	1 ea.	Secures the two bracket pieces.
8B	MIS 3143A	BLENDING BRACKET PART A	1 ea.	Attaches to freezer door bolts to hang Blending Assembly.
8C	MIS 3143B	BLENDING BRACKET PART B	1 ea.	Secures Bracket Assembly to Blending Assembly.

**“CBB” Blending Assembly and Related Parts (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
9	INJ 323TS	BLENDING ASSEMBLY - NO HEAD	1	Powers Blending system.
9A	INJ 330HSB	HIGH SPEED BLENDING MOTOR ASSEMBLY	1 ea.	Powers Blending system.
9B	INJ 331	BLENDING GEARBOX ASSEMBLY	1 ea.	Gears turn Gear Cartridge for even syrup distribution.
9C	FAS 2023	ACCESSORY MOUNTING BRACKET KNOB	1 ea.	Secures base Mounting Bracket to Gear Box.
10	ADPT 104R-A	CROWN ADAPTER WITH O-RINGS	1	Attaches Blending Assembly to freezer door.
10A	RUB 627	TAYLOR ADAPTER O-RING 8750	1 ea.	Creates tension to secure adapter to freezer door.
10B	ADPT 104R	CROWN ADAPTER WITOUT O-RINGS	1 ea.	Attaches Blending Assembly to freezer door.
10C	RUB 632	BLENDING ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Blending Head.
11	MIS 3143A	BLENDING BRACKET PART A	1	Attaches to freezer door bolts to hang Blending Assembly.
12	ADPT 8750-A	CROWN ADAPTER WITH O-RINGS	1	Attaches Blending Assembly to freezer door.
12A	RUB 659	TAYLOR ADAPTER O-RING 8750	1 ea.	Creates tension to secure adapter to freezer door.
12B	ADPT 8750	CROWN ADAPTER WITOUT O-RINGS	1 ea.	Attaches Blending Assembly to freezer door.
12C	RUB 632	INJECTOR ADAPTER O-RING	1 ea.	Creates tension to secure adapter to Blending Head.
13	MIS 3147	SUSPENSION BRACKET FOR BLEND ASSEMBLY	1	Secures Blending Assembly to freezer door.
13A	MIS 3147A	DOOR BRACKET	1 ea.	Secures the bracket to the freezer door.
13B	MIS 3147B	BASE BRACKET	1 ea.	Supports the Gear Box.
13C	MIS 3147C	VERTICAL ADJUSTMENT BRACKET	1 ea.	Secures the door and base brackets and creates a hinge on the bracket assembly.
13D	FAS 2107	THUMB KNOB	2 ea.	Secures the base bracket to the vertical adjustment bracket.
13E	FAS 2024	8-32 x 1/4 PAN HEAD SCREW	2 ea.	Secures the door bracket to the vertical adjustment bracket.
13F	FAS 2035	8-32 NUT EXT. WASHER	2 ea.	Locks the screws in place so they don't loosen.
13G	FAS 2177	NYLON LOCKING NUT	3 ea.	Secures the suspension bracket to the Gear Box.

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# **“CBB” Blending Assembly and Related Parts**

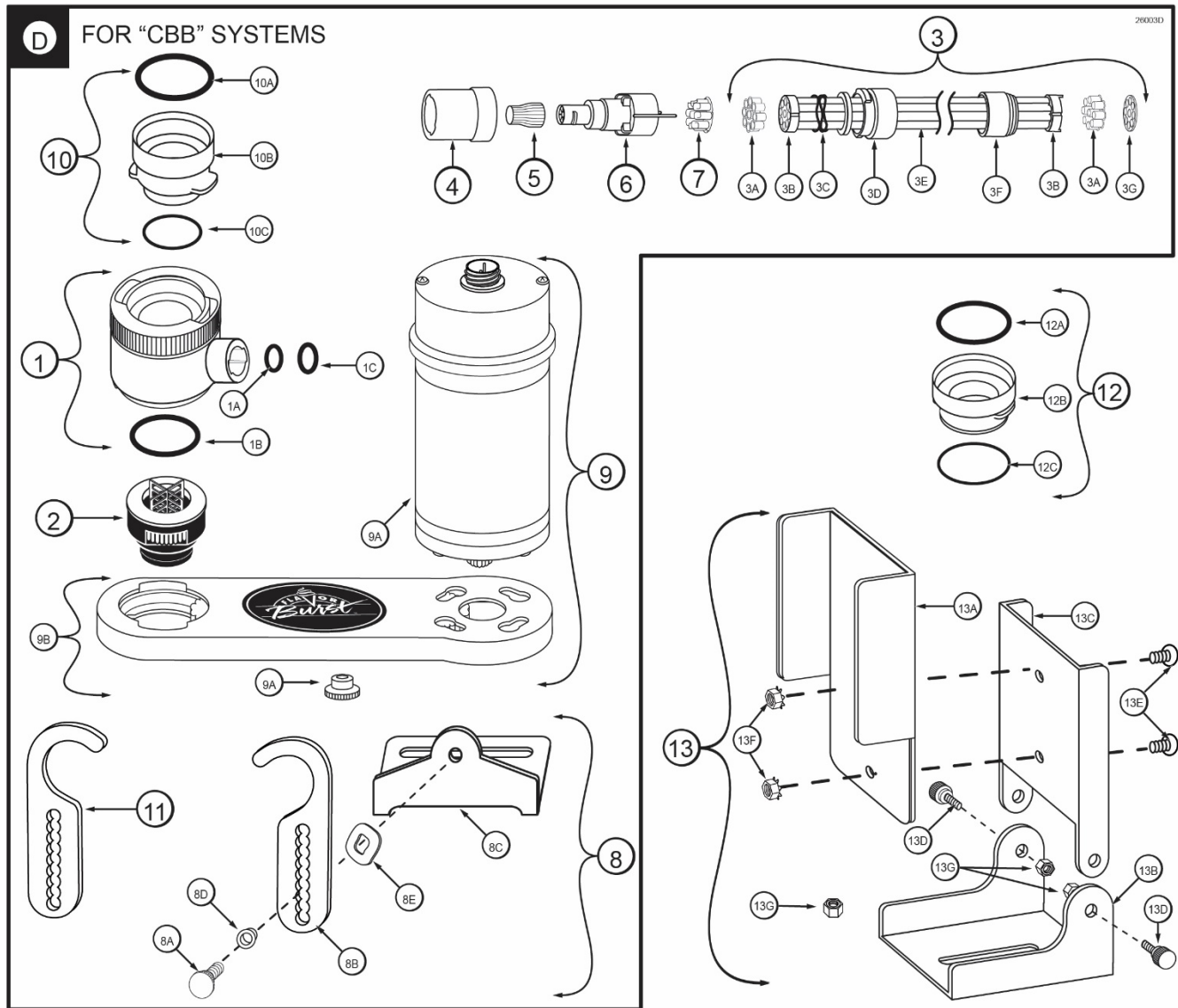


Figure 4D

**“FCB” Door Spout Assembly and Related Parts (See Figure 4E)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>E</b>	ADPT TY80S-FCB	MODIFIED FCB FREEZER SPOUT ASSEMBLY	1* 0**	<b>FOR “FBC” SYSTEMS:</b> Dispenses product blended with syrups. *1 for 80FCB systems. **0 for 80SS, 80BEV, 80BLD, 80CBB systems.
1	FCB 112	MODIFIED DOOR SPOUT ASSEMBLY	1	Dispenses product mixed with flavorings.
1A	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1 ea.	Provides a sealed cavity inside the syrup port.
1B	RUB 660	LARGER SYRUP PORT O-RING	1 ea.	Provides a sealed cavity inside the syrup port.
2	ELE 530	SPIGOT SWITCH ASSEMBLY KIT	1	Activates the syrup pumps.
2A	FAS 2042	4/40 LOCK NUT	1 ea.	Secures the screw to the magnetic actuator.
2B	MIS 3180	MAGNETIC ACTUATOR	1 ea.	Activates the Spigot Switch.
2C	FAS 2140	440 x 5/8 PHILLIPS P.H. SS SCREW	1 ea.	Secures the magnetic actuator to the FCB door handle.
3	FCB 121	FLOW RATE CONTROLLER	1	Regulates the rate at which product is dispensed.
3A	FAS 2134	8-32 x 1 ½” M/SCREW P.H. SS	1 ea.	Adjusts to shorten and lengthen the assembly to allow more or less product dispensed.
3B	FCB 115	8-32 X 1” PLAS STAND OFF	1 ea.	Connects the two screws of the assembly.
3C	FAS 2024	8-32 X ¼” M/SCREW P.H. SS	1 ea.	Remains as a stationary screw.
4	SYR 932FCB	6’ 9-TUBE ASSEMBLY - FCB	1	Supplies syrup to the draw spout from the pumps.
4A	FAS 2051	ROLLED FLANGE EYELET	18 ea.	Provides tension in syrup line to affix to line coupler.
4B	ROT 510	LINE COUPLER	2 ea.	Holds flavor lines in place.
4C	RUB 610	BAG CONNECTOR O-RING	1 ea.	Provides extra tension between tube connectors.
4D	ROT 515-B	9-TUBE ASSEMBLY WAVE SPRING	1 ea.	Provides tension between tube connectors.
4E	INJ 116	LINE COUPLER NUT – BLACK	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
4F	SYR 901	6’ 9-TUBE ASSEMBLY TUBES	9 ea.	Brings syrup from pump to modified door spout.
4G	ROT 511	LINE COUPLER NUT	1 ea.	Connects the flavor lines to the internal 9- Tube Assembly.
4H	RUB 602	9-POS TUBE CONNECTOR GASKET	1 ea.	Provides a sealed cavity.
5	INJ 117	TUBE CONNECTOR BODY-BLACK	1	Secures flavor line manifold to flavor lines.
6	MIS 3142	FLAVOR LINE DUST CAP- FB 80	1	Covers syrup manifold when not connected.
7	INJ 201A	SYRUP MANIFOLD	1	Connects flavor line to modified door spout.
8	RUB 601	9-POS DUCKBILLE CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.



## “FCB” Door Spout Assembly and Related Parts

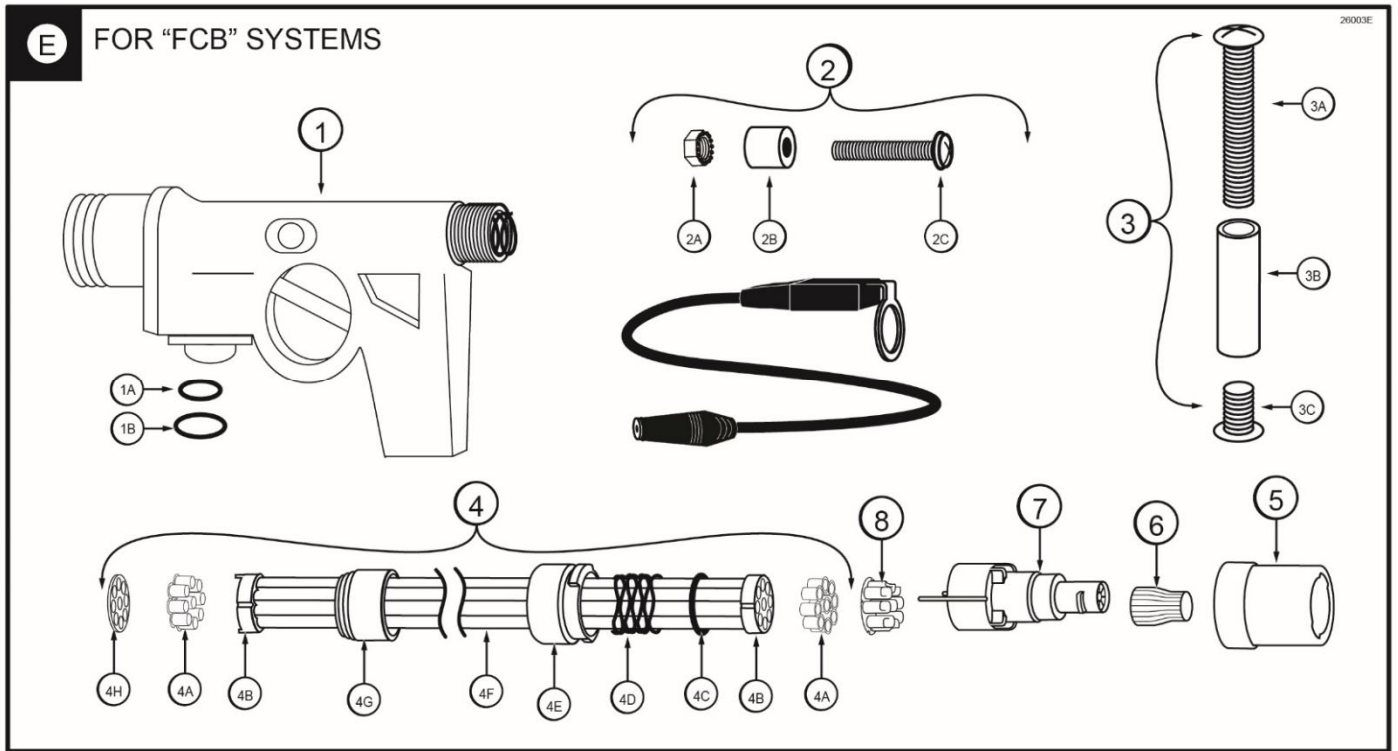


Figure 4E

## Soft Serve Syrup Pump and Related Parts (See Figure 5A)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>A</b>	N/A	SOFT SERVE SYRUP PUMP SYSTEM	8* 0**	<b>FOR “SS”, “BLD” SYSTEMS:</b> Pumps syrup from bags into flavor lines. *8 for 80SS, 80BLD systems. **0 for 80BEV, 80CBB, 80FCB systems.
1	N/A	SOFT SERVE SYRUP PUMP	1 ea.	Pumps syrup from bags to flavor lines.
1A	SYR 307	PERISTALTIC SYRUP PUMP – SOFT SERVE	1 ea.	Pumps syrup from bags to flavor lines.
1B	TUB 806	1/8" SYRUP PUMP REPL TUBE	1 ea.	Transports syrup through pump.
1C	FAS 2067	SYRUP PUMP TUBE WASHER-1/4	1 ea.	Secures pump tube.
1D	FAS 2066	SYRUP PUMP CLAMP-HOSE-1/4"	1 ea.	Prevents pump tube from slipping.
1E	FAS 2051	ROLLED FLANGE EYELET	1 ea.	Creates tension for tighter fit.
1F	FIX 1036	1/4" TO 1/4" OD UNION ELBOW	1 ea.	Connects syrup in tube to pump.
1G	FIX 1035	1/4 TO 3/16 OD REDUCING UNION	1 ea.	Connects syrup pump to flavor line out.
2	SYR 945	SYRUP TUBE ASSEMBLY – SOFT SERVE	1 ea.	Transports flavor from bag to pump.
2A	FIX 1054	1/4" ID HOSE BARB SHUTOFF	1 ea.	Connects flavor line to flavor bag.
2B	SYR 902	FLAVOR-IN TUBE	1 ea.	Carries syrup from syrup bag to pump.
2C	TUB 811	TUBE-SILICONE .188X.375 PE FB80	1 ea.	Connects barb fitment to tube port.
2D	FIX 1048	FITTING-1/4X1/4 BARB FB80	1 ea.	Connects syrup tube to silicone tube.
3	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to the syrup and sanitizer pumps.

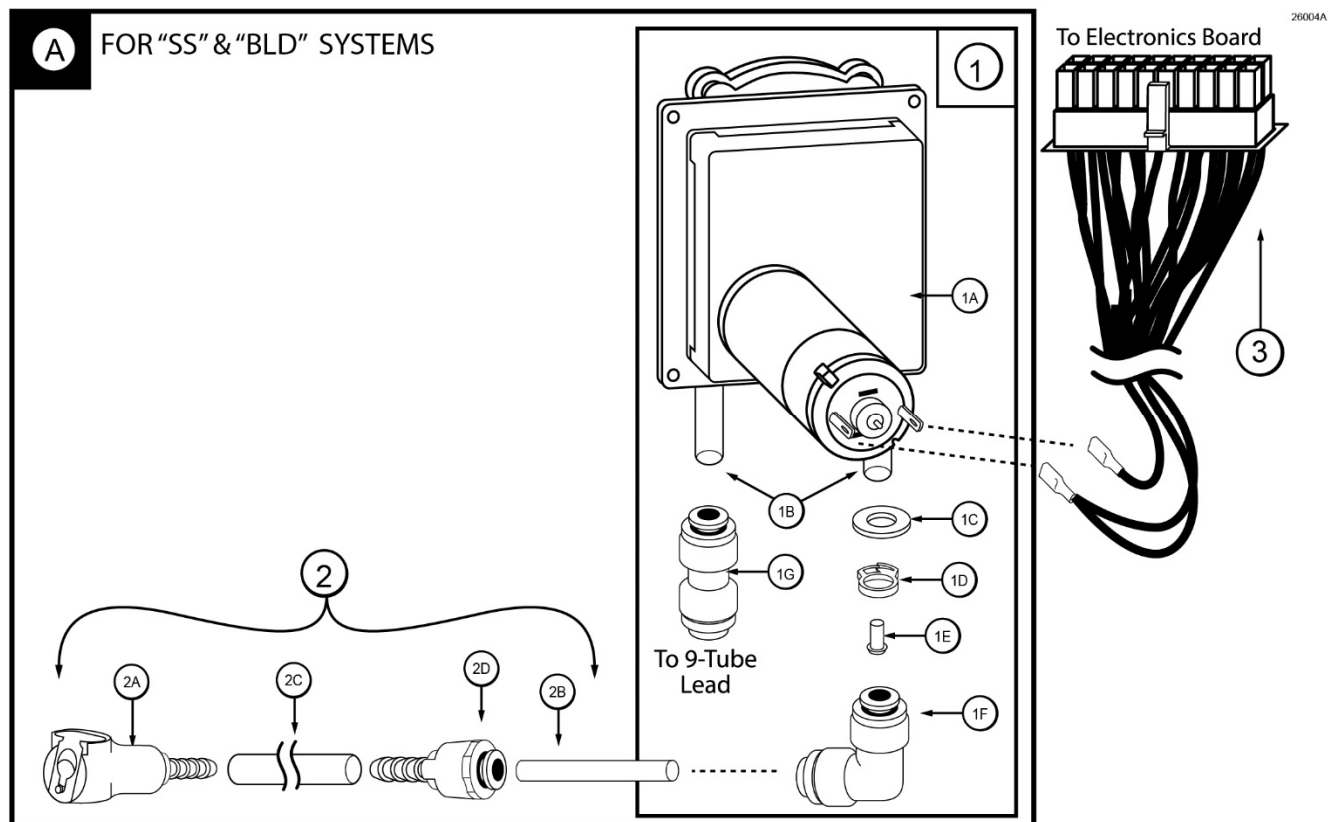


Figure 5A

## Beverage Syrup Pump and Related Parts (See Figure 5B)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>B</b>	N/A	BEVERAGE SYRUP PUMP SYSTEM	8* 0**	<b>FOR "BEV" &amp; "FCB" SYSTEMS:</b> Pumps syrup from flavor bags to flavor lines. *8 for 80BEV and 80FCB systems. **0 for 80SS, 80BLD, 80CBB systems
1	N/A	BEVERAGE SYRUP PUMP	1 ea.	Pumps syrup from bags to flavor lines.
1A	SYR 926	PERISTALTIC SYRUP PUMP - BEVERAGE	1 ea.	Pumps syrup from bags into flavor lines.
1B	TUB 809	1/4" SYRUP SHAKE PUMP REPLACEMENT TUBE	1 ea.	Transports syrup through pump.
1C	FIX 1045	1/4" TUBE TO 1/4" HOSE STEM	1 ea.	Creates tension for tighter fit, connects pump to fitment.
1D	FIX 1035	1/4 TO 3/16 OD REDUCING UNION	1 ea.	Connects syrup pump to flavor line out.
1E	FIX 1036	1/4" TO 1/4" OD UNION ELBOW	1 ea.	Connects bag connector assembly to flavor line/pump.
2	SYR 945SH	SYRUP TUBE ASSEMBLY – SHAKE BAG COUPLER	1 ea.	Transports the flavoring from the syrup bag to the syrup pump.
2A	SYR 928	#27-1102-99 .265" BAG COUPLER	1 ea.	Fastens bag fitment to bag connector.
2B	TUB 811	TUBE-SILICONE .188X.375 PE FB80	1 ea.	Provides sealed cavity inside bag fitment.
2C	FIX 1048	FITTING 1/4 X 1/4 BARB FB80	1 ea.	Connects bag coupler assembly to flavor line/pump.
2D	SYR 902	FLAVOR-IN TUBE	1 ea.	Carries syrup from syrup bag to pump.
3	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to the syrup and sanitizer pumps.

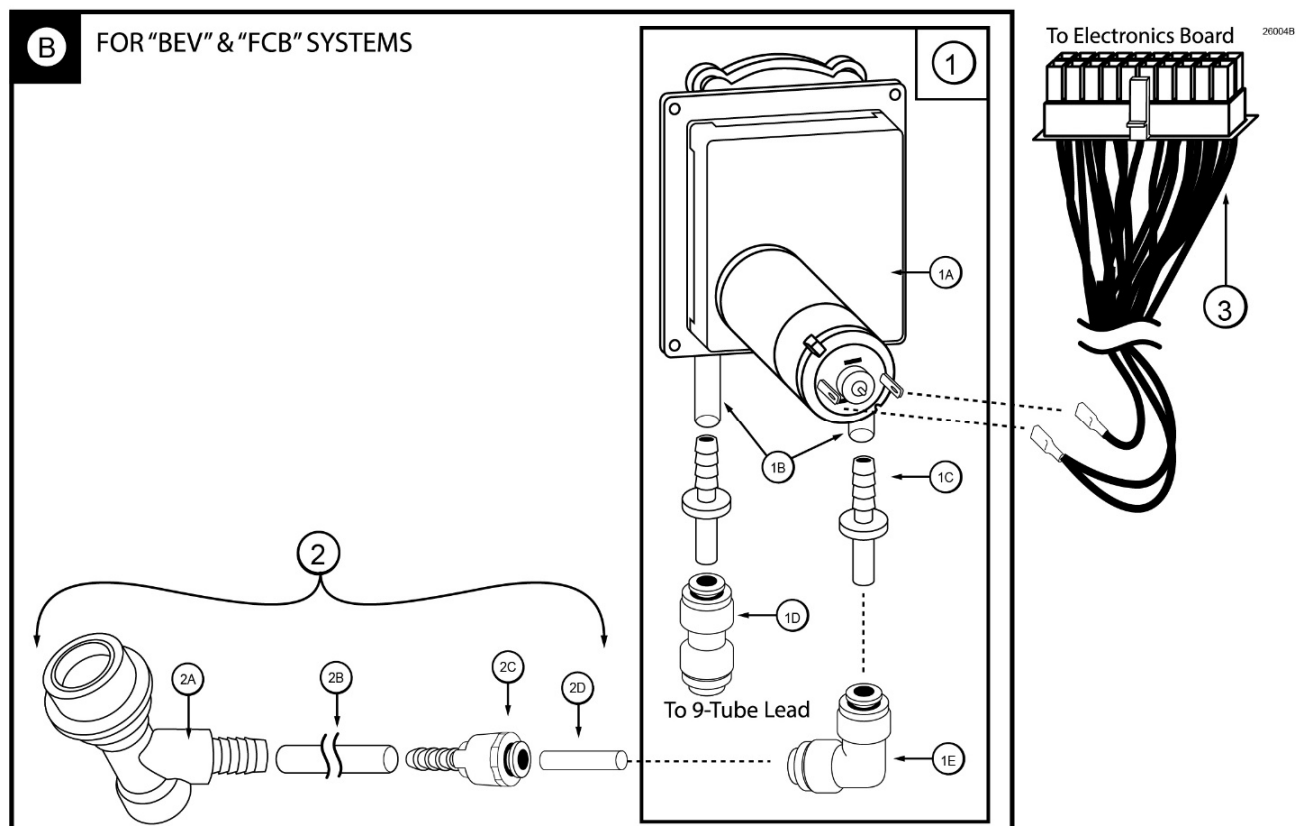


Figure 5B

**Premium Beverage Syrup Pump and Related Parts (See Figure 5C)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>C</b>	N/A	PREMIUM BEVERAGE SYRUP PUMP SYSTEM	8* 0**	<b>FOR "CBB" SYSTEMS:</b> Pumps syrup from bags into flavor lines. *8 for 80CBB systems. **0 for 80BEV, 80SS, 80BLD, 80FCB systems.
1	N/A	PREMIUM BEVERAGE SYRUP PUMP	1 ea.	Pumps syrup from bags to flavor lines.
1A	SYR 926P	PERISTALTIC SYRUP PUMP – PREMIUM BEVERAGE	1 ea.	Pumps syrup from bags to flavor lines.
1B	TUB 806	1/8" SYRUP PUMP REPL TUBE	1 ea.	Transports syrup through pump.
1C	FAS 2067	SYRUP PUMP TUBE WASHER-1/4	1 ea.	Secures pump tube.
1D	FAS 2066	SYRUP PUMP CLAMP-HOSE-1/4"	1 ea.	Prevents pump tube from slipping.
1E	FAS 2051	ROLLED FLANGE EYELET	1 ea.	Creates tension for tighter fit.
1F	FIX 1036	1/4" TO 1/4" OD UNION ELBOW	1 ea.	Connects syrup in tube to pump.
1G	FIX 1035	1/4 TO 3/16 OD REDUCING UNION	1 ea.	Connects syrup pump to flavor line out.
2	SYR 945	SYRUP TUBE ASSEMBLY – SOFT SERVE	1 ea.	Transports flavor from bag to pump.
2A	FIX 1054	1/4" ID HOSE BARB SHUTOFF	1 ea.	Connects flavor line to flavor bag.
2B	SYR 902	FLAVOR-IN TUBE	1 ea.	Carries syrup from syrup bag to pump.
2C	TUB 811	TUBE-SILICONE .188X.375 PE FB80	1 ea.	Connects barb fitment to tube port.
2D	FIX 1048	FITTING-1/4X1/4 BARB FB80	1 ea.	Connects syrup tube to silicone tube.
3	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to the syrup and sanitizer pumps.

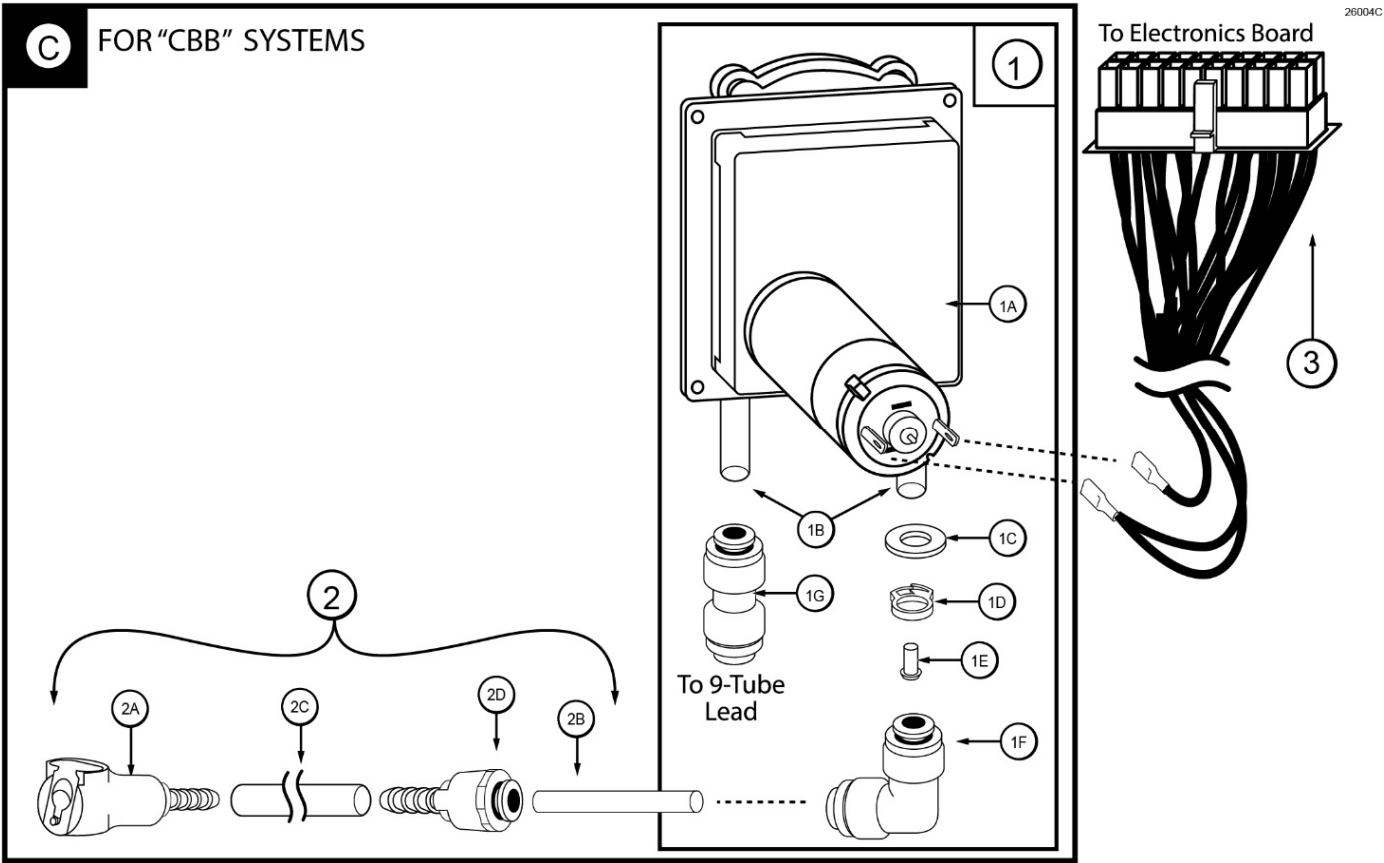
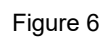


Figure 5C

### Sanitizer Pump and Related Parts (See Figure 6)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1-1	MIS 3028-80M	SANITIZER FLUSH TUBE ASSEMBLY – SOFT SERVE INT	1* 0**	<b>FOR “SS”, “BLD”, “CBB” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80SS, 80BLD, 80CBB systems. **0 for 80BEV, 80FCB systems.
1A	FIX 1051	SANITIZER TANK FITMENT	2 ea.	Connects flush tube to sanitizer tank and syrup line connectors.
1B	SYR 931	CLEAR TUBING	3 ea.	Transports sanitizer to sanitizer / flush tubes.
1C	FIX 1046	FLUSH TUBE " Y " CONNECTOR	1 ea.	Splits sanitizer flush tube into two tubes.
OR...				
1-2	MIS 3028-80M-SH	SANITIZER FLUSH TUBE ASSEMBLY – FROZEN BEVERAGE INT	1* 0**	<b>FOR “BEV” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80BEV systems. **0 for 80SS, 80BLD, 80CBB, 80FCB systems.
N/A	N/A	SANITIZER FLUSH TUBE ASSEMBLY – BEVERAGE	1 ea.	Connects flush tube to beverage syrup lines.
1A	FIX 1051	SANITIZER TANK FITMENT	1 ea.	Connects flush tube to sanitizer tank.
1B	SYR 931	CLEAR TUBING	3 ea.	Transports sanitizer to sanitizer / flush tubes.
1C	FIX 1046	FLUSH TUBE " Y " CONNECTOR	1 ea.	Splits sanitizer flush tube into two tubes.
OR...				
1-3	MIS 3028S-X	PUMP FLUSH ADAPTER EXTENSION	1* 0**	<b>FOR “FCB” SYSTEMS:</b> Flushes flavor lines with sanitizer when attached. *1 for 80FCB systems. **0 for 80SS, 80BLD, 80BEV, 80CBB systems.
N/A	N/A	SANITIZER FLUSH TUBE ASSEMBLY – BEVERAGE	1 ea.	Connects flush tube to beverage syrup lines.
1A	FIX 1051	SANITIZER TANK FITMENT	1 ea.	Connects flush tube to sanitizer tank.
2	TUB 807	SANITIZER TUBE REPLACEMENT	1	Transports sanitizer through pump.
3	SAN 748	SANITIZER PUMP ASSEMBLY	1	Supplies sanitizer to flush tube.
4	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to syrup and sanitizer pumps.
5	FIX 1035	1/4 TO 3/16 OD REDUCING UNION	1	Connects pump to the 9-Tube Assembly.
6	FIX 1045	1/4" TUBE TO 1/4" HOSE STEM	3* 2**	Creates tension for tighter fit. *3 for 80SS, 80BLD, 80BEV, 80CBB systems. **2 for 80FCB systems.
7	FIX 1036	UNION-ELBOW-1/4X1/4OD FB80	1* 0**	<b>FOR “SS”, “BLD”, “CBB”, “BEV” SYSTEMS:</b> Connects sanitizer line to barb fitment. *1 for 80SS, 80BLD, 80BEV, 80CBB systems. **0 for 80FCB systems.
8	SYR 900	4' 9-TUBE ASSEMBLY TUBES	1	Transports sanitizer from the tank the pump.

## 26005



**Syrup Tray, Sanitizer Tank, 9-Tube Assembly Lead, and Casing (See Figure 7)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1	SYR 927	INTERNAL 9-TUBE ASSEMBLY	1	Transports syrup from bags to the 9-Tube Assembly.
1A	SYR 900	4' 9-TUBE ASSEMBLY TUBES	9 ea.	Transports syrup and sanitizer from pumps to Injector Assembly.
1B	ROT 511	LINE COUPLER NUT	1 ea.	Connects flavor lines to the internal 9-Tube Assembly.
1C	ROT 512	TUBE CONNECTOR BODY	1 ea.	Connects internal 9-Tube Assembly to flavor lines.
1D	ROT 510	LINE COUPLER	1 ea.	Holds flavor lines in place.
1E	FAS 2051	ROLLED FLANGE EYELET	9 ea.	Creates tension for tighter fit 1 per pump, 9 per tube assembly.
1F	MIS 3023	DUST CAP	1 ea.	Cover to protect end of flavor lines.
2	CAB 113	FLAVORING TRAY	8	Houses syrup bags.
3	SAN 756	SANITIZER TANK ASSEMBLY	1	Houses sanitizer cleaning solution.
3A	SAN 749	THREADED CHECK VALVE	1 ea.	Allows air to fill Sanitizer Tank.
3B	SAN 750	SANITIZER TANK DOME NUTS	1 ea.	Mounts check valve to Sanitizer Tank.
3C	FIX 1052	SANITIZER TANK QUICK CONNECT	1 ea.	Connects sanitizer lines to Sanitizer Tank.
3D	SAN 755	SANITIZER TANK CAP	1 ea.	Allows Sanitizer Tank to be refilled.
3E	SAN 754	SANITIZER CAP O-RING	1 ea.	Seals the Sanitizer Tank opening to prevent leakage.
3F	SYR 931	CLEAR TUBING	1 ea.	Transports sanitizer to flush tubes.
3G	SAN 751	SANITIZER TANK	1 ea.	Houses sanitizer cleaning solution.
3H	RUB 604	SANITIZER TANK O-RING	4 ea.	Seals sanitizer tank's quick connect & check valve openings.
4	MIS 3196	STAINLESS 9-TUBE CASING ASSEMBLY	1	Protects and holds the cables and tubes in place on the freezer side panel.
4A	N/A	STAINLESS 9-TUBE CASING HINGED CHANNEL	1 ea.	Covers and protects the cables and tubes of the Casing Assembly.
4B	MIS 3051	CH-6 CHANNEL MAGNET ASSEMBLY	2 ea.	Holds the Casing Channel to freezer panel.
4C	FAS 2040	6-32 x 1/4 PAN HEAD SCREW	1 ea.	Secures cover to mounting brackets.
4D	FAS 2024	8-32 x 1/4 PAN HEAD SCREW	4 ea.	Secures magnet assembly to brackets.
4E	FAS 2035	8-32 NUTS – EXT. LOCK WASHER	4 ea.	Secures magnet assembly to brackets.



Syrup Tray, Sanitizer Tank, 9-Tube Assembly Lead, and Casing

20008

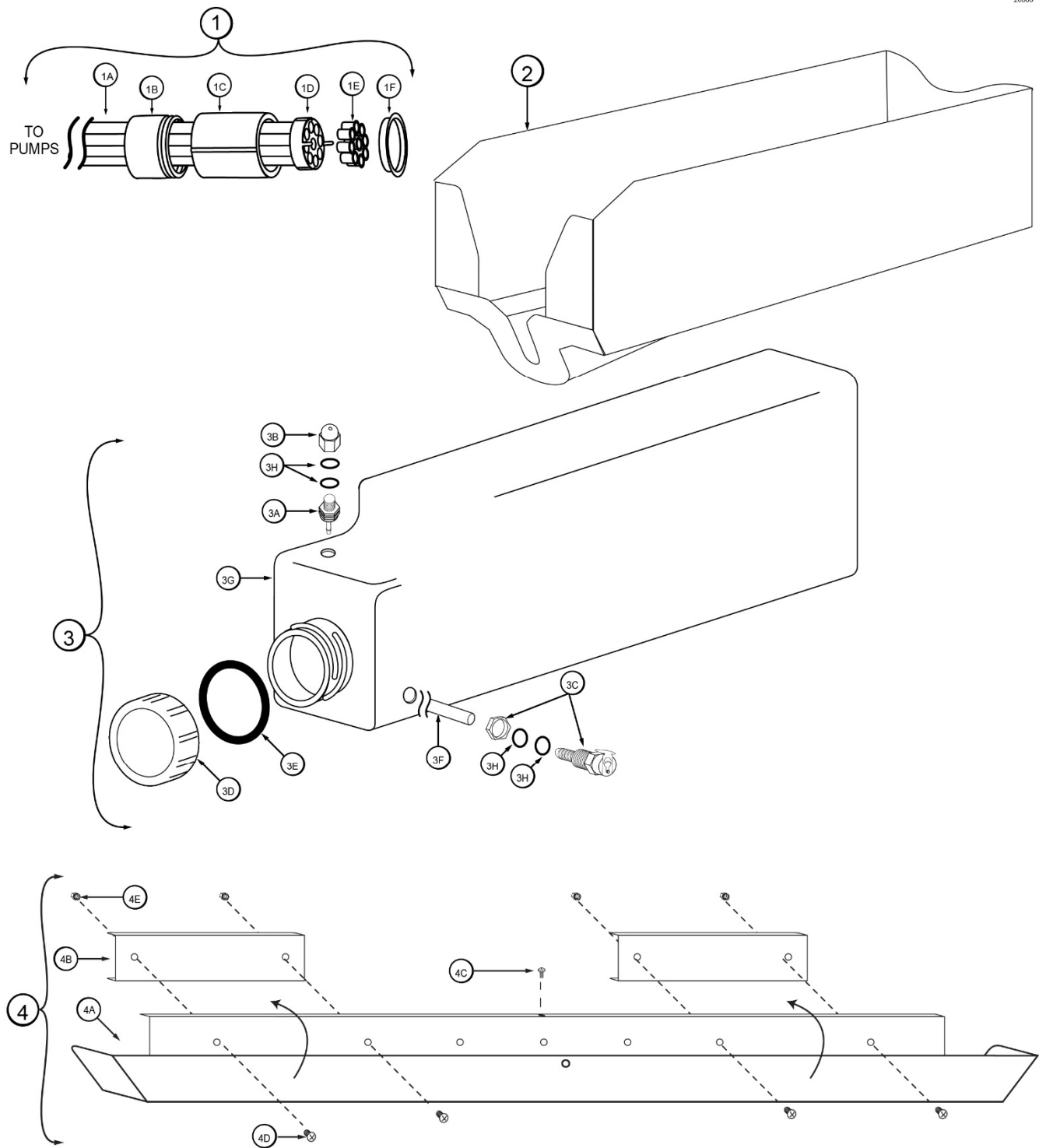


Figure 7

## Electronic Parts and Connections (See Figure 8)

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
1	ELE 906	FLAVOR 10 COLOR TOUCH PANEL	1	Control system for the unit.
2	MIS 3214	TOUCH PANEL MOUNTING BRACKET ASSEMBLY	1* 0**	<b>FOR “SS”, “BLD”, “CBB” SYSTEMS:</b> Secures the Touch Panel to the freezer. *1 for 80SS, 80BLD, 80CBB systems. **0 for 80BEV, 80FCB systems.
2A	MIS 3214A	TOUCH PANEL MOUNTING PLATE	1 ea.	Attaches the Touch Panel to the anchor bracket.
2B	MIS 3214B	MOUNTING ANCHOR BRACKET	1 ea.	Allows the bracket to be angled up or down.
2C	MIS 3214C	MOUNTING BASE PLATE	1 ea.	Creates a mounting base for the bracket assembly.
2D	FAS 2170	M4 X 8 PHILLIPS SCREW	4 ea.	Secures the mounting plate to the Touch Panel.
2E	FAS 2174	1/4 - 20 NYLON LOCK NUT S.S.	2 ea.	Secures the anchor bracket in a fixed position.
2F	MIS 3076	ADHESIVE PAD	1 ea.	Secures the mounting bracket to the freezer.
2G	FAS 2172	1/4-20 X 1/2 HEX BOLT	2 ea.	Hinges the Touch Panel plate and anchor bracket.
2H	FAS 2023	MOUNTING BRACKET KNOB	4 ea.	Secures the anchor bracket to the base plate.
2I	FAS 2171	M4 LOCK WASHER	4 ea.	Secures the connection between screw and plate.
2J	FAS 2173	FLAT WASHER 18-8 S.S.	2 ea.	Secures the connection between bolt and nut.
3	MIS 3220	TOUCH PANEL SIDE MOUNTING BRACKET ASSEMBLY	1* 0**	<b>FOR “BEV” &amp; “FCB” SYSTEMS:</b> Secures the Touch Panel to the freezer. *1 for 80BEV, 80FCB systems. **0 for 80SS, 80BLD, 80CBB systems.
3A	MIS 3220A	TOUCH PANEL MOUNTING PLATE	1 ea.	Attaches the Touch Panel to the anchor bracket.
3B	MIS 3220B	MOUNTING ANCHOR BRACKET	1 ea.	Allows the bracket to be angled up or down.
3C	MIS 3220C	MOUNTING BASE PLATE	1 ea.	Creates a mounting base for the bracket assembly.
3D	FAS 2170	M4 X 8 PHILLIPS SCREW	4 ea.	Secures the mounting plate to the Touch Panel.
3E	FAS 2022	1/2" SELF-DRILL SCREW	4 ea.	Secures the anchor bracket in a fixed position.
3F	FAS 2177	10-32 LOCK NUT	5 ea.	Secures the mounting bracket to the freezer.
3G	FAS 2171	M4 LOCK WASHER	4 ea.	Hinges the Touch Panel plate and anchor bracket.
3H	FAS 2178	WASHER #10	2 ea.	Secures the anchor bracket to the base plate.
3I	FAS 2058	LOCK WASHER	2 ea.	Secures the connection between screw and plate.
4	ELE 650C	ELECTRONICS BOX COVER	1	Encloses the electronics board inside the electronics box.
5	ELE 650B	ELECTRONICS BOX BASE	1	Mounting panel for the electronics board.
6	ELE 650A	CTP-DLX ELECTRONICS BOX COVER PLATE	1	Converts old electronics board opening into ports for harness cable and rotor connection.

**Electronic Parts and Connections (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
7	FAS 2014	8-32 X 1/2" PAN HEAD	8	Secures various parts within the electronics box.
8	FAS 2040	6-32 x 1/4" TAPPING SCREW	8	Secures the cover of the Electronics Box.
9	FAS 2012	8-32 x 1/4" COUNTERSINK SCREW	4	Protects power cables from liquids.
10	ELE 485CTP	120V POWER ENTRANCE MODULE	1	Provides power connection to outside of cabinet.
11	ELE 932DLX	PUMP & SANITIZER CABLE HARNESS – CTP DLX	1	Provides power to the syrup and sanitizer pumps.
12	ELE 933	POWER SUPPLY JUMPER CABLE	1	Connects power supply to electronics board.
13	ELE 931	EXTERNAL ROTOR CABLE	1* 0**	<b>FOR “SS”, “BLD”, “CBB, &amp; “BEV” SYSTEMS:</b> Connects drive motor to the back of cabinet. *1 for 80SS, 80BEV, 80BLD, 80CBB systems. **0 cable included with 80FCB systems
14-1	INJ 330TS	INJECTOR MOTOR ASSEMBLY	1* 0**	<b>FOR “SS” &amp; “BEV” SYSTEMS:</b> Turns assembly gears to spin product in the Injector Head. *1 for 80SS & 80BEV systems. **0 for 80FCB, 80BLD, 80CBB systems.
	OR...			
14-2	INJ 330HSB	HIGH SPEED BLENDING MOTOR ASSEMBLY	1* 0**	<b>FOR “BLD” &amp; “CBB” SYSTEMS:</b> Turns assembly gears to spin product in the Injector Head. *1 for 80BLD & 80CBB systems. **0 for 80FCB, 80BEV, 80SS systems.
	OR...			
14-3	ELE 530	FCB SPIGOT SWITCH ASSEMBLY KIT	1* 0**	<b>FOR “FCB” SYSTEMS:</b> Activates the syrup pumps when draw handle is activated. *1 for 80FCB systems. **0 for 80SS, 80BLD, 80BEV, 80CBB systems.
15	ELE 911	ELECTRONICS BOARD	1	Provides power to the system.
16	MIS 3026S	TOUCH PANEL CABLE CASING	1	Conceals and protects the Touch Panel cable, as well as attaches it to the freezer.
17	FAS 2035	8-32 NUTS - EXT. LOCK WASHER	9	Secures Electronics Board to the Box and the Electronics Box to the cabinet.
18	ELE 525M	MALE TO MALE 48" SWITCH EXTENSION	1	Connects Touch Panel to the freezer switch.
19	ELE 930	INTERNAL ROTOR CABLE	1* 0**	<b>FOR “SS”, “BLD”, “CBB” &amp; “BEV” SYSTEMS:</b> Connects the drive motor to the back of the cabinet. *1 for 80SS, 80BEV, 80BLD, 80CBB systems. **0 cable included with 80FCB systems.
20	MIS 3004	CTP ETHERNET CABLE PLATE	1	Converts the touchscreen cable hole to an ethernet cable hole.
21	MIS 3216	CLOSURE PLUG 5/8 INCH	2* 3**	Closes up extra opening in the base panel. *2 for 80SS, 80BEV, 80BLD, 80CBB systems. **3 for 80FCB systems.
22	ELE 434	POWER CABLE	1	Supplies the electronics board with power.
23	ELE 927	RJ45 ETHERNET CABLE GLAND	1	Secures the Ethernet cable to the cabinet.

**Electronic Parts and Connections (Continued)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
24	ELE 925	RJ45 EHTERNET CABLE - EXTERNAL	1	Connects the Touch Panel to the cabinet.
25	ELE 926	RJ45 ETHERNET CABLE - INTERNAL	1	Connects the Ethernet cable to the electronics board.
26	FAS 2008	4-40 X 3/8" PAN HEAD SCREW	4	Attaches the ethernet plate to the panel.
27	FAS 2042	4/40 LOCK NUT	4	Secures the Ethernet plate and screws.
28	MIS 3217	OPEN-CLOSE BUSHING 5/8"	1	Protects the cable harness.

## Electronic Parts and Connections

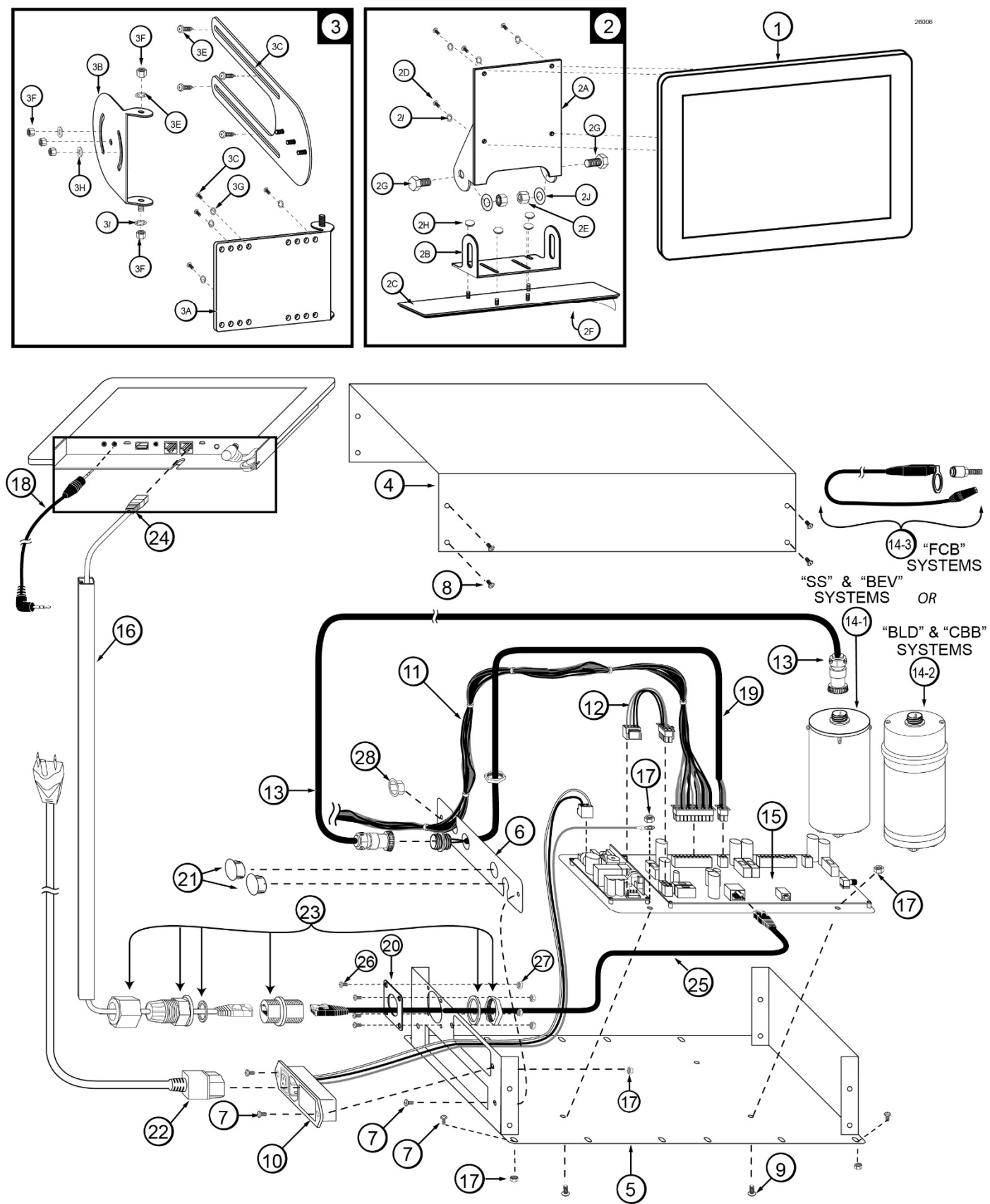


Figure 8

**“SS” Spare Parts Kit (See Figure 8A)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>A</b>	SPR 5800A	SPARE PARTS KIT – SOFT SERVE	1	<b>FOR “SS” SYSTEMS:</b> Houses extra spare parts and wear items.
1	INJ 321	GEAR CARTRIDGE	1	Rotates product for even syrup distribution.
2	ELE 430-RE-1	SPIGOT SWITCH	1	Activates Blending Assembly.
3	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents leakage.
4	RUB 602	9-POS TUBE CONN. GASKET	1	Provides sealed cavity.
5	RUB 642	UPPER ADAPTER O-RING FOR ADPT 101A ADAPTER	1	Creates tension to secure adapter to freezer door.
6	RUB 640	FLAT ADAPTER GASKET FOR ADPT 101A ADAPTER	1	Provides sealed cavity inside adapter.
7	RUB 632	LOWER ADAPTER O-RING	1	Helps secure the adapter to Injector Head.
8	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
9	RUB 660	LARGER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
10	RUB 651	BLENDING HEAD O-RING 2-020	1	Provides a sealed cavity.
11	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Injector Head.
12	INJ 117	TUBE CONNECTOR BODY -BLACK	1	Secures syrup line manifold to flavor lines.
13	RUB 608	ALTERNATE UPPER ADAPTER O-RING FOR ADPT 101A ADAPTER	1	Creates tension to secure adapter to freezer door.
14	ELE 444	1 AMP, 1 1/4" SLOW BLOW FUSE	2	System overload protection.
15	CW 137	DRIVE MOTOR GEAR	1	Turns Gear Box gears, powered by Drive Motor.
16	RUB 659	UPPER ADAPTER O-RING FOR ADPT 8750-A ADAPTER	1	Creates tension to secure adapter to freezer door.

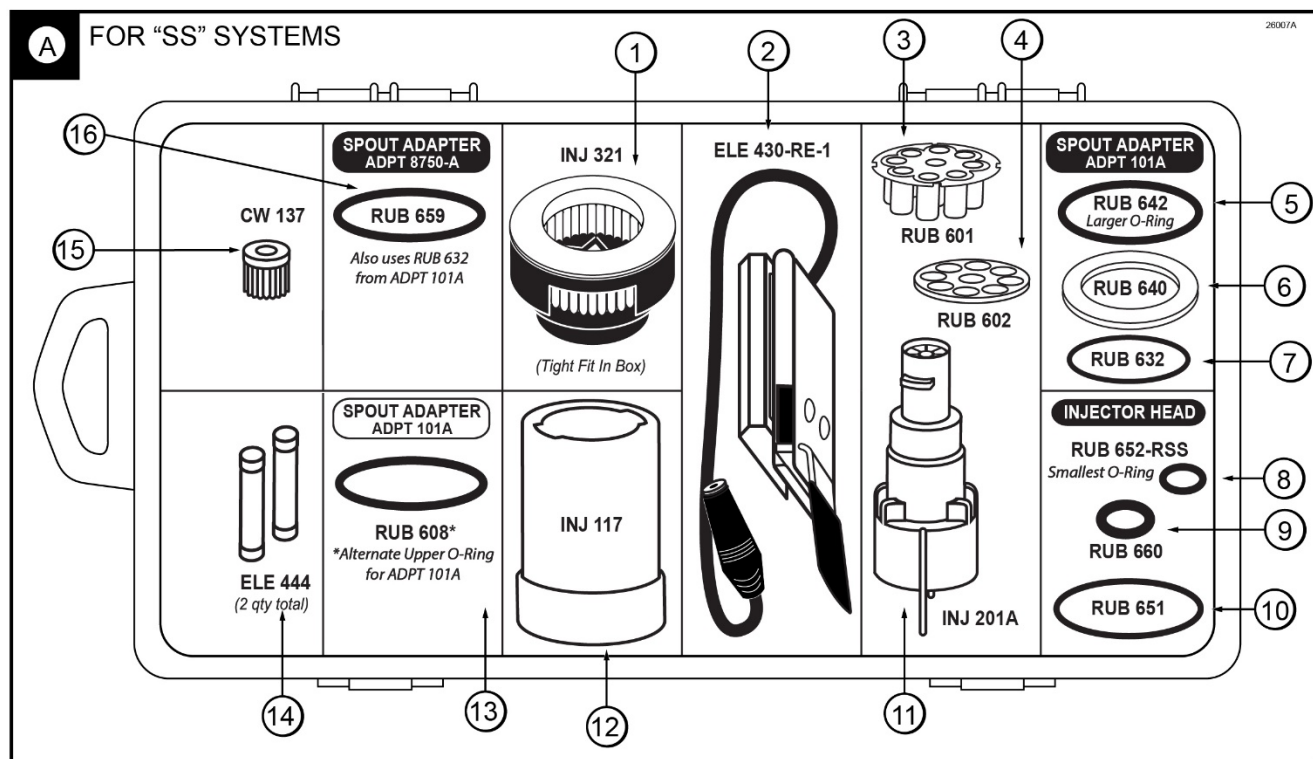


Figure 8A

**“BLD” Spare Parts Kit (See Figure 8B)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>B</b>	SPR 5800BLD	SPARE PARTS KIT – SOFT SERVE BLEND	1	<b>FOR “BLD” SYSTEMS:</b> Houses extra spare parts and wear items.
1	INJ 321C	GEAR CARTRIDGE	1	Rotates product for even syrup distribution.
2	ELE 430-RE-1	SPIGOT SWITCH	1	Activates Blending Assembly.
3	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents leakage.
4	RUB 602	9-POS TUBE CONN. GASKET	1	Provides sealed cavity.
5	RUB 642	UPPER ADAPTER O-RING FOR ADPT 101A ADAPTER	1	Creates tension to secure adapter to freezer door.
6	RUB 640	FLAT ADAPTER GASKET FOR ADPT 101A ADAPTER	1	Provides sealed cavity inside adapter.
7	RUB 632	LOWER ADAPTER O-RING	1	Helps secure the adapter to Blending Head.
8	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
9	RUB 660	LARGER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
10	RUB 651	BLENDING HEAD O-RING 2-020	1	Provides a sealed cavity.
11	INJ 201A	SYRUP MANIFOLD - BLACK	1	Connects flavor line to Blending Head.
12	INJ 117	TUBE CONNECTOR BODY -BLACK	1	Secures syrup line manifold to flavor lines.
13	RUB 608	ALTERNATE UPPER ADAPTER O-RING FOR ADPT 101A ADAPTER	1	Creates tension to secure adapter to freezer door.
14	ELE 444	1 AMP, 1 1/4" SLOW BLOW FUSE	2	System overload protection.
15	CW 137	DRIVE MOTOR GEAR	1	Turns Gear Box gears, powered by Drive Motor.
16	RUB 659	UPPER ADAPTER O-RING FOR ADPT 8750-A ADAPTER	1	Creates tension to secure adapter to freezer door.

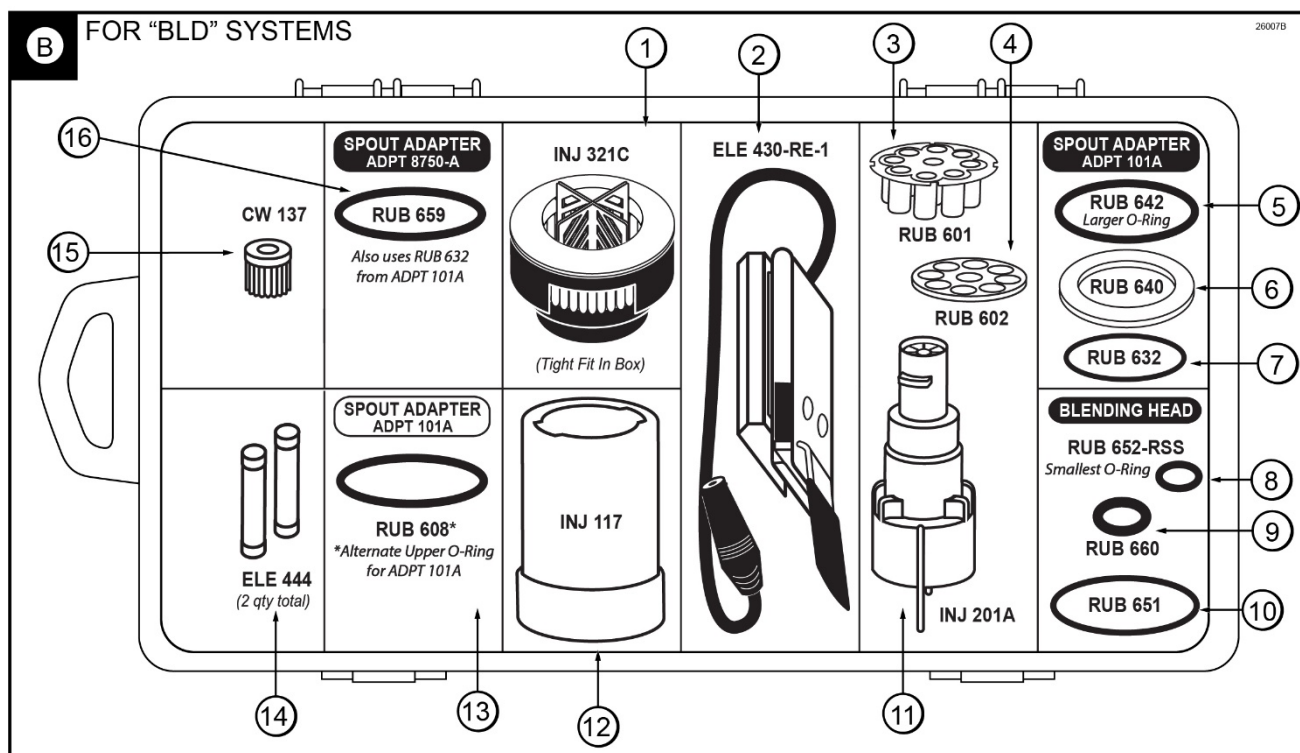


Figure 8B

**“BEV” Spare Parts Kit (See Figure 8C)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>C</b>	SPR 5800BEV	SPARE PARTS KIT – BEVERAGE	1	<b>FOR “BEV” SYSTEMS:</b> Houses extra spare parts and wear items.
1	INJ 321S	GEAR CARTRIDGE ASSEMBLY – VERTICAL BEVERAGE BLENDER	1	Rotates product for even syrup distribution throughout slush product.
2	ELE 510	DRAW SWITCH ASSEMBLY	1	Activates Blending Assembly.
3	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity to prevent leakage.
4	RUB 602	9-POS TUBE CONN. GASKET	1	Provides sealed cavity.
5	RUB 627	UPPER ADAPTER O-RING - FOR ADPT 104R-A	1	Secures adapter to freezer door with tension.
6	RUB 632	LOWER ADAPTER O-RING	1	Secures adapter to Blending Head with tension.
7	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
8	RUB 660	LARGER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
9	RUB 651	INJECTOR HEAD O-RING 2-020	1	Provides a sealed cavity.
10	INJ 201A	SYRUP MANIFOLD	1	Connects flavor line to Blending Head.
11	INJ 117	TUBE CONNECTOR BODY -BLACK	1	Secures flavor line manifold to flavor lines.
12	ELE 444	1 AMP, 1 1/4" SLOW BLOW FUSE	2	System overload protection.
13	CW 137	DRIVE MOTOR GEAR	1	Turns the Gear Box gears, powered by the Drive Motor.

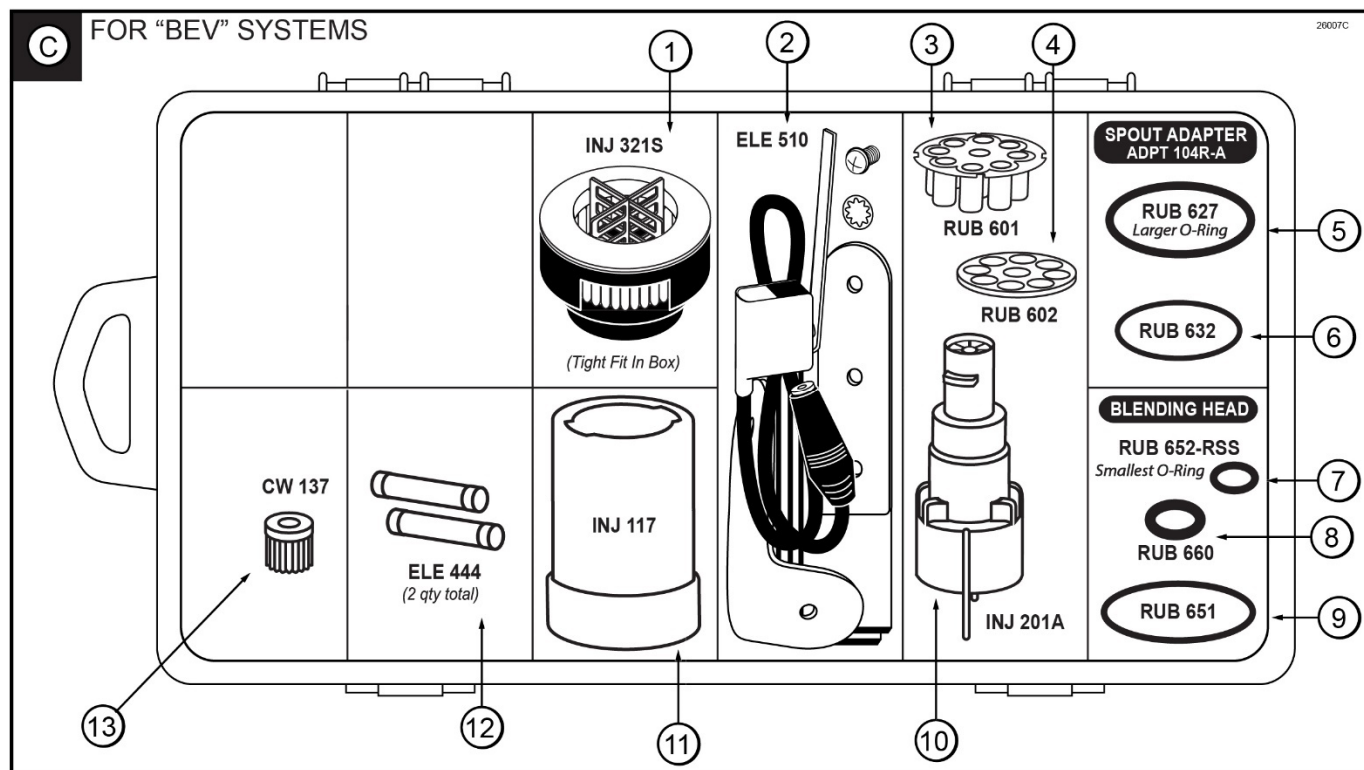


Figure 8C



**“CBB” Spare Parts Kit (See Figure 8D)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>D</b>	SPR 5800P	SPARE PARTS KIT – PERMIUM BEVERAGE	1	<b>FOR “CBB” SYSTEMS:</b> Houses extra spare parts and wear items.
1	INJ 321P	GEAR CARTRIDGE ASSEMBLY – PREMIUM BLEND	1	Rotates product for even syrup distribution throughout product.
2	ELE 510	DRAW SWITCH ASSEMBLY WITH BRACKET	1	Activates Blending Assembly through frozen beverage freezer.
3	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity and prevents syrup leakage.
4	RUB 602	9-POS TUBE CONN. GASKET	1	Provides sealed cavity.
5	RUB 627	UPPER ADAPTER O-RING - FOR ADPT 104R-A	1	Creates tension to secure adapter to freezer door.
6	RUB 632	LOWER ADAPTER O-RING	1	Creates tension to secure adapter to Blending Head.
7	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
8	RUB 660	LARGER SYRUP PORT O-RING	1	Provides sealed cavity inside syrup port.
9	RUB 651	INJECTOR HEAD O-RING 2-020	1	Provides a sealed cavity.
10	INJ 201A	SYRUP MANIFOLD	1	Connects flavor line to Blending Head.
11	INJ 117	TUBE CONNECTOR BODY - BLACK	1	Secures flavor line manifold to flavor lines.
12	ELE 700C	DRAW HANDLE SWITCH FOR C708	1	C706/707/708/709 and C708-SHAKE draw handle switch that activates Blending Assembly.
13	ELE 444	1 AMP, 1 1/4" SLOW BLOW FUSE	2	System overload protection.
14	CW 137	DRIVE MOTOR GEAR	1	Turns the Gear Box gears, powered by Drive Motor.
15	RUB 659	TAYLOR ADAPTER O-RING 8750	1	Creates tension to secure adapter to freezer door.

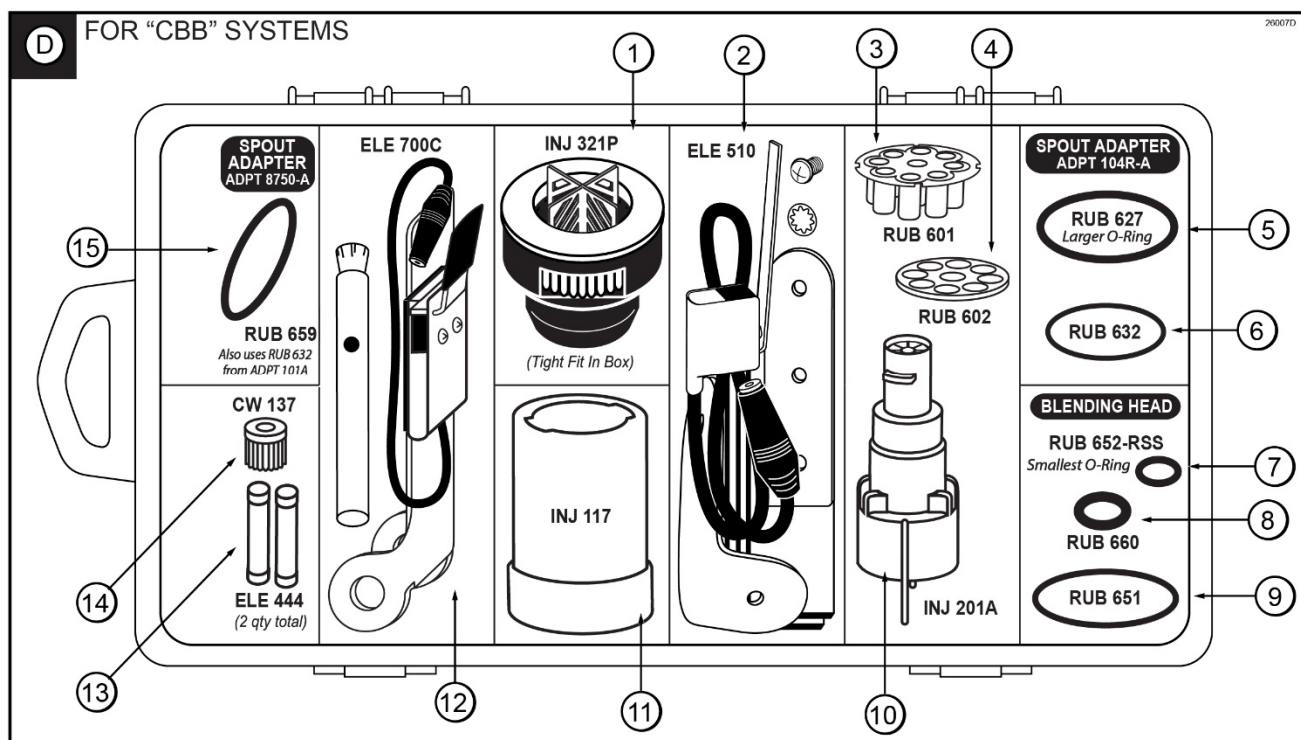


Figure 8D

**“FCB” Spare Parts Kit (See Figure 8E)**

ITEM	PART NO.	DESCRIPTION	QTY.	FUNCTION
<b>E</b>	SPR 5800FCB	SPARE PARTS KIT FOR FCB	1	Houses extra spare parts and wear items.
1	RUB 601	9-POS DUCKBILL CHECK VALVE	1	Provides sealed cavity to prevent leakage.
2	RUB 602	9-POS TUBE CONN. GASKET	1	Provides sealed cavity.
3	RUB 652-RSS	SMALLER SYRUP PORT O-RING	1	Seals the cavity inside the syrup port.
4	RUB 660	LARGER SYRUP PORT O-RING	1	Seals the cavity inside the syrup port.
5	INJ 201A	SYRUP MANIFOLD	1	Connects flavor line to the door spout.
6	FAS 2140	440 x 5/8 PHILLIPS P.H. SS SCREW	1	Secures the magnetic actuator to the FCB door handle.
7	MIS 3180	MAGNETIC ACTUATOR PIN	1	Activates ELE 530 Spigot Switch. Not used with FB 80FCB Auto Draw Valve system.
8	FAS 2042	4/40 LOCK NUT	1	Secures the screw to the magnetic actuator.
9	INJ 117	TUBE CONNECTOR BODY - BLACK	1	Secures flavor line manifold to flavor lines.
10	ELE 444	1 AMP, 1 1/4" SLOW BLOW FUSE	2	System overload protection.

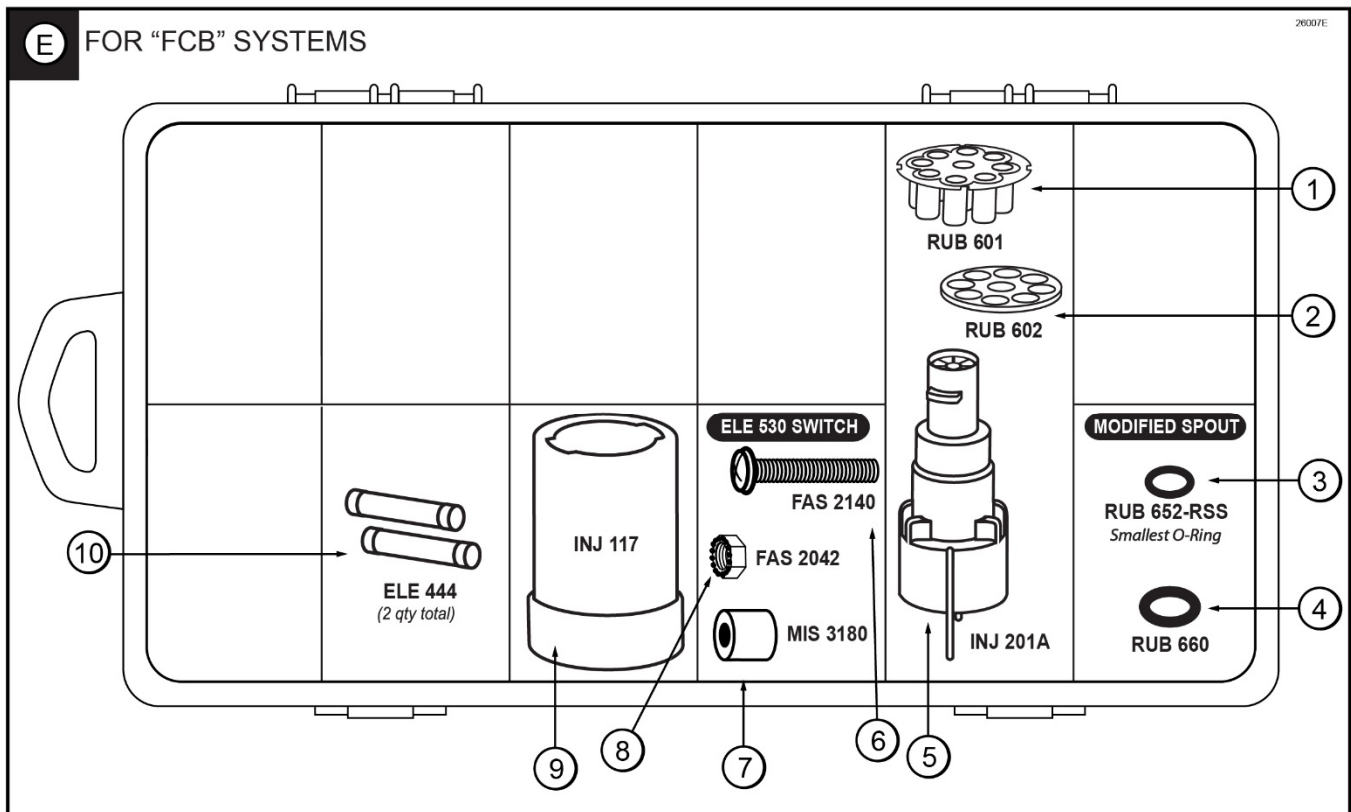


Figure 8E

## EQUIPMENT SETUP

### ADDITIONAL PRODUCTS & SUPPLIES REQUIRED:

- ENVIROKLEEN NO-RINSE CLEANER & FOOD CONTACT SANITIZER
- STERA-SHEEN® GREEN LABEL SANITIZER
- DAWN® DISH SOAP
- APPROVED, SERVICEABLE AND SANITIZED TOOLS AND BRUSHES.

(CONTACT YOUR LOCAL DISTRIBUTOR FOR RECOMMENDED PRODUCTS AND SUPPLIES).

**NOTE:** CLEAN AND SANITIZE YOUR HANDS BEFORE YOU PERFORM THE FOLLOWING PROCEDURES.

**NOTE:** INSPECT ALL WEAR ITEMS AND REPLACE IF NECESSARY.

**NOTE:** THE SYSTEM IS NOT TO BE USED BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION.

**NOTE:** CHILDREN ARE TO BE SUPERVISED WHEN USING THE SYSTEM AND SHALL NOT PLAY WITH THE SYSTEM.

**NOTE:** INSTALL THE SYSTEM WHERE AMBIENT TEMPERATURES ARE BETWEEN 60 AND 80 DEGREES FAHRENHEIT FOR CORRECT OPERATION.

**NOTE:** INSTALL THE SYSTEM IN A LOCATION WHERE ITS USE AND MAINTENANCE IS RESTRICTED TO TRAINED PERSONNEL.

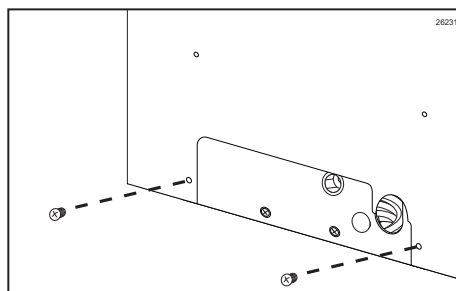
Refer to your standard manual to perform these Equipment Setup installations:

- Installing the Spout Adapter
- Installing the Touch Panel & Bracket
- Spigot Switch Options
- Installing the Spigot Switch
- Sanitizing & Installing the Spout Assembly
- Mounting the Casing Assemblies

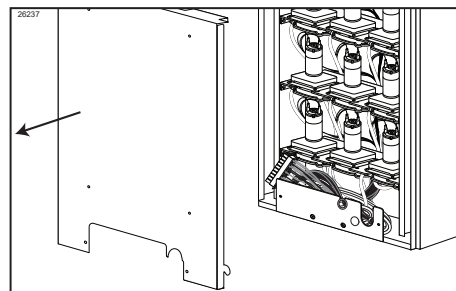
### Connecting the Unit Syrup Line and Pump Harness Cable

The syrup lines attached at the lower back of the cabinet connect the 8 bags of syrup to the Injector Assembly, with the 9<sup>th</sup> tube connecting the Sanitizer Tank to the Injector Assembly.

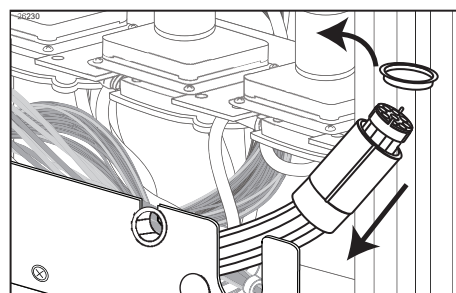
1. Remove the small screws on the back panel of the Cabinet.



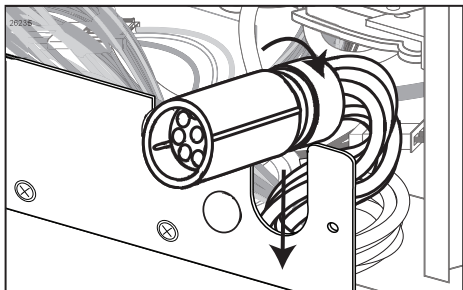
2. Carefully remove the panel and set it aside.



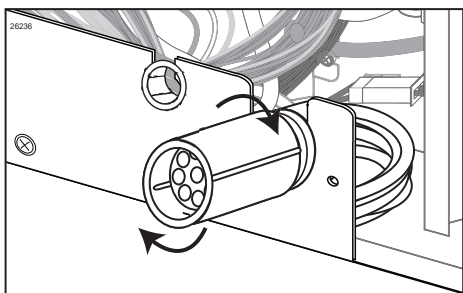
3. Locate the 9-Tube Lead. Remove the dust cap and slide the coupler casing down.



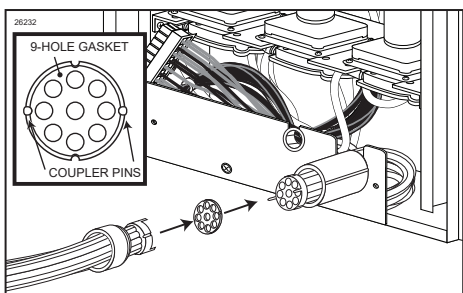
4. Loosen the Lead's coupler nut and slide the connection onto the slot on the lower plate.



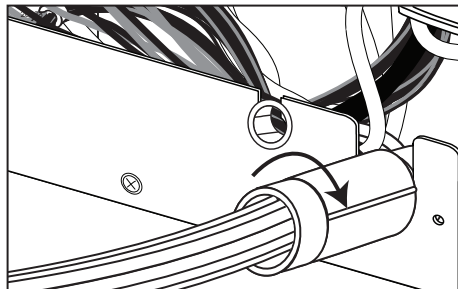
5. Tighten the coupler nut and the casing to secure.



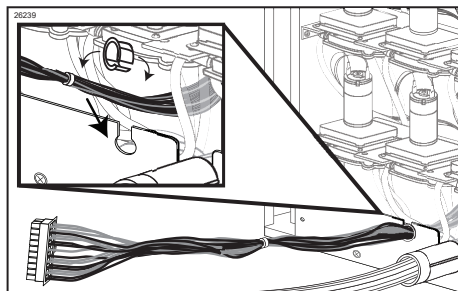
6. Connect the 9-Tube Lead with the 9-Tube Assembly, with the 9-hole gasket in between. Align the 9-hole gasket with the coupler pins of the 9-Tube Lead and place the gasket against the coupler. Then align the coupler pins of the two tube assemblies and connect them.



7. Thread the 9-Tube Assembly coupler nut onto the Lead's casing and tighten to secure.



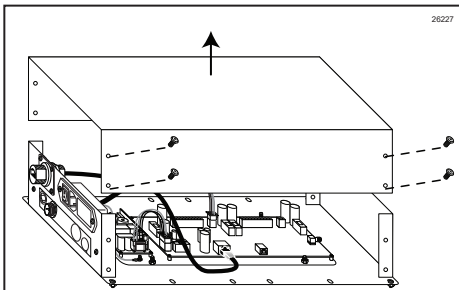
8. Gently lay the Pump Harness Cable out and away from the cabinet. Remove the open-close bushing from the plate and wrap the bushing around the pump harness cable near the lower plate's slotted hole. Snap the grommet with the cable back into the slotted hole in the plate.



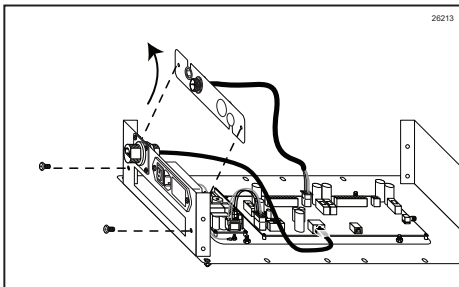
## Installing the Electronics Box and Power Connections

The Electronics Box houses the electronics board and most of the power connections for the Deluxe unit. For shipping safety purposes, the Electronics Box ships unconnected to the unit. Follow these instructions to install the Electronics Box to the back of the Deluxe cabinet, connect the remaining power cables, and power up the system.

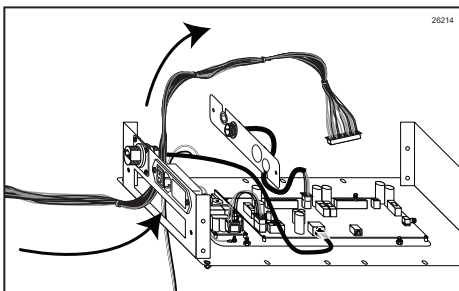
1. Remove the Electronics Box cover by unscrewing the 4 screws on each side.



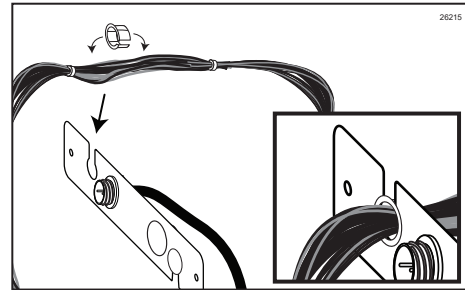
2. Remove the two screws from the cover plate and gently pull the plate away from the Electronics Box. Leave the Rotor Cable connected to the board.



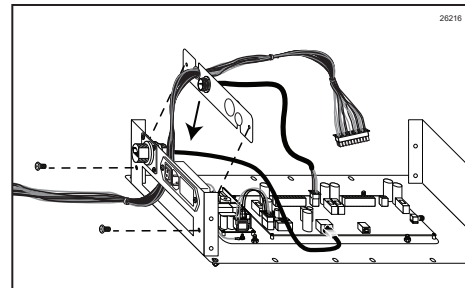
3. Insert the white plastic end of the pump harness cable (from the back of the cabinet) through the opening where the cover plate was on the Electronics Box.



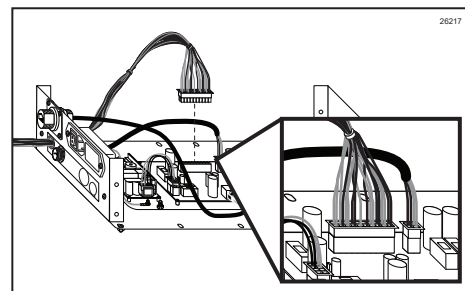
4. Remove the open-close bushing from the plate and wrap the bushing around the pump harness cable, leaving enough cable to connect the end to the Electronics Board. Snap the grommet with the cable back into the slotted hole in the plate.



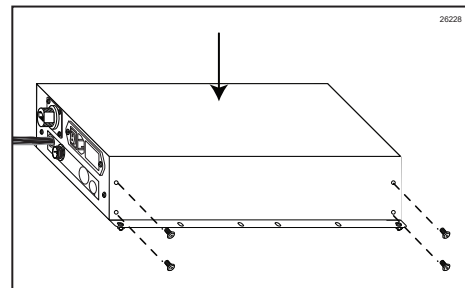
5. Reinstall the cover plate to the Electronics Box.



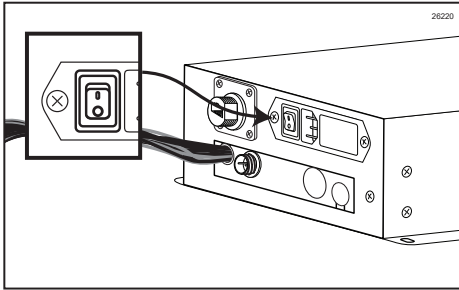
6. Connect the pump harness cable to the electronics board port labeled "BANK A" or "PWRCONN2".



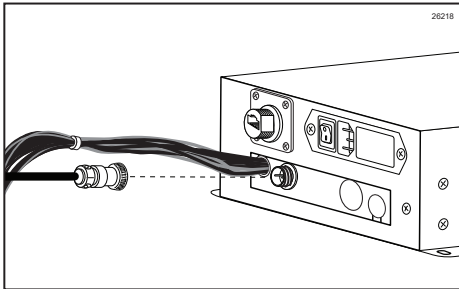
7. Reinstall the cover to the Electronics Box. Use the 8 screws to secure the assembly.



8. Ensure the power-switch is in the “off” position with the “○” end pressed in on the Electronics Box Power Entrance Module.

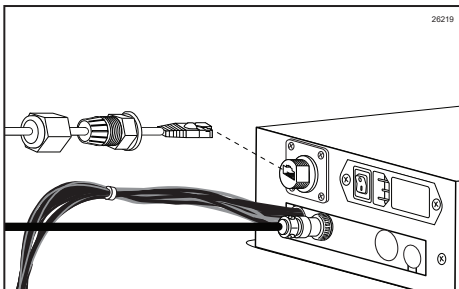


9. Connect the Injector Motor Cable to the round metal port.

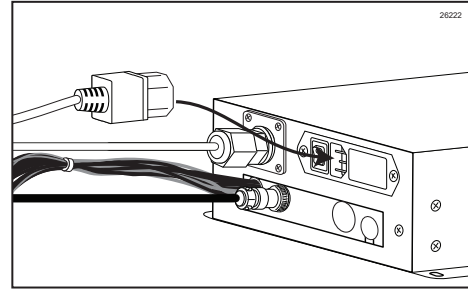


**NOTE:** 80FCB DO NOT HAVE A ROTOR CABLE CONNECTION.

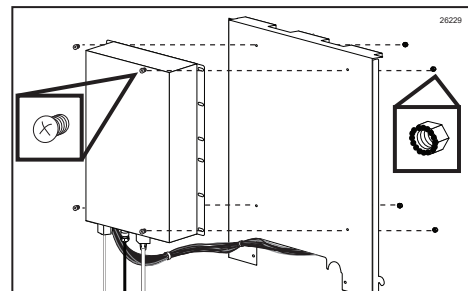
10. Connect the ethernet cable to the ethernet port in the plastic gland. Screw the plastic cover over the connection and secure the ethernet gland assembly with the nut.



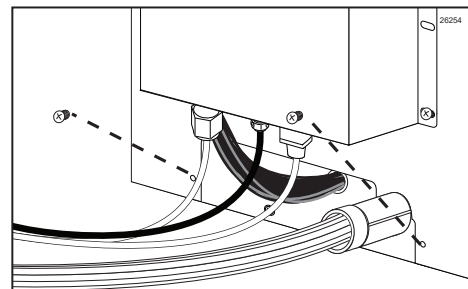
11. Connect the power cord to the port on the back panel.



12. Use the four screws of the Electronics Box to mount the box to the back panel of the Deluxe Cabinet. The Electronics Box needs to be mounted with the connections at the bottom, to minimize any damage should it come in contact with water. Install the screws through the slotted holes of the Electronics Box and through the Deluxe back panel. Secure the screws with the lock nuts from the inside of the back panel.



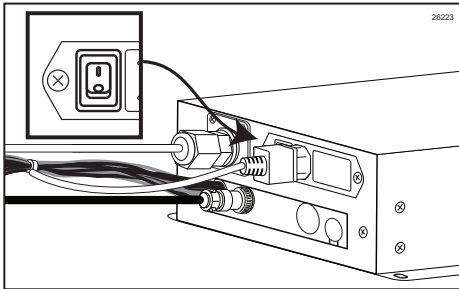
13. Install the back panel with Electronics Box to the back of the Deluxe cabinet using the two screws provided.



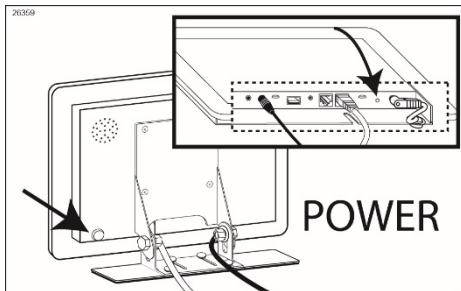
14. Plug the power cord into an outlet near the cabinet.



15. Activate the unit by pressing the “I” end of the switch on the Power Entrance Module of the Electronics Box.



16. Ensure the Color Touch Panel is installed and mounted according to instructions in your full Operations Manual. Then, turn on the Touch Panel by pressing the small round black power button on the back casing of the Touch Panel. There is also a smaller power button between the casing and the screen.



17. Most likely, settings on the Touch Panel will need to be adjusted according to the operator's preference. Serving modes, flavor timing, serving sizes, changing the menu flavor names and more features are outlined in the TOUCH PANEL OPERATIONS MANUAL. For the initial set-up, however, proceed with the rest of this section before making those adjustments.

## Filling the Sanitizer Tank

The sanitizer tank system delivers solution to specific areas of the Flavor Burst® system such as the Injector/Blending Head and syrup lines during certain functions. Therefore, check the tank levels on a daily basis.

Two different sanitizing cleaners are used in the tank. Use Stera-Sheen Green Label® Sanitizer in the tank only for the duration of the Clean-In-Place procedure once every 30 days. It is approved by the NSF for cleaning the internal parts of the system, like the pumps and syrup lines. But it is formulated to be used within a few hours after mixing, after which, it begins to lose potency. It is not an effective sanitizer for the FLUSH SPOUT function for the 30 days between Clean-In-Place procedures.

Use Envirokleen No-Rinse Cleaner & Food Contact Sanitizer in the sanitizer tank between the monthly Clean-In-Place procedures. No-Rinse Cleaner is effective for the FLUSH SPOUT function, clearing and cleaning the spout and attached pieces after a serving is finished or if a serving hasn't been made after some time. It is formulated to hold its potency for up to 30 days in the tank.

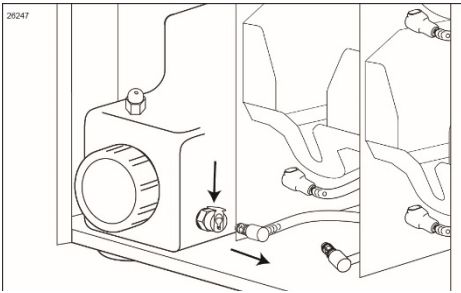
**NOTE:** USE STERA-SHEEN GREEN LABEL SANITIZER IN THE TANK FOR ONLY THE DURATION OF THE CLEAN-IN-PLACE PROCEDURE. WHEN THE PROCEDURE IS COMPLETE, YOU MUST REPLACE THE STERA-SHEEN SANITIZER WITH ENVIROKLEEN NO-RINSE CLEANER. STERA-SHEEN WILL LOSE POTENCY AFTER A FEW HOURS. ENVIROKLEEN WILL REMAIN POTENT FOR THE 30 DAYS UNTIL YOUR NEXT SCHEDULED CLEAN-IN-PLACE PROCEDURE.

**NOTE:** DO NOT USE PLAIN WATER IN THE TANK.

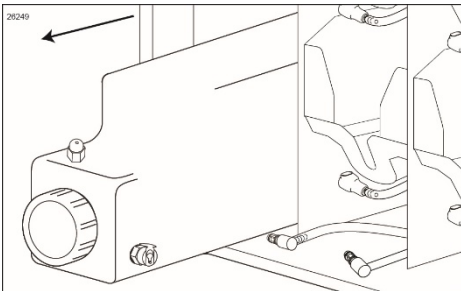
**NOTE:** DO NOT USE OTHER CLEANING AGENTS IN THE TANK UNLESS APPROVED BY FLAVOR BURST. MANY AGENTS, INCLUDING BLEACH WATER, LOSE POTENCY IN AS LITTLE AS A FEW HOURS. SOME AGENTS MAY BE TOO STRONG AND COULD CORRODE THE METAL PARTS OF THE ASSEMBLY.

1. Wait until you are ready to perform the full Clean-In-Place Procedure (130 minute procedure) before filling the tank. When ready, mix two packets (4 oz total) of Stera-Sheen® Green Label with four gallons of warm water (108°F / 42°C) until dissolved. Pour approximately 16 oz. of sanitizer solution into a spray bottle.

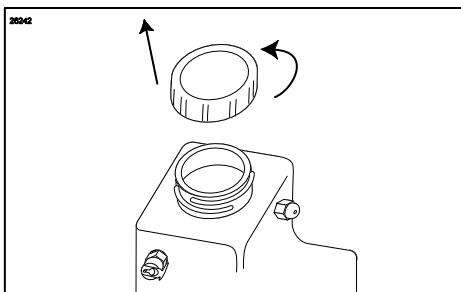
2. Disconnect the sanitizer line by pressing the lever on the Sanitizer Tank fitment and pulling the sanitizer supply line free.



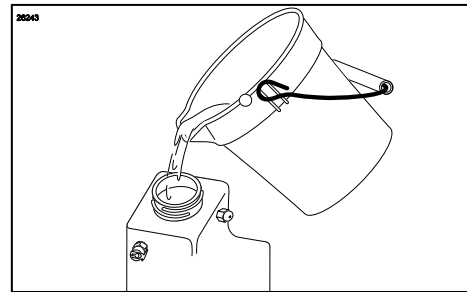
3. Remove the Sanitizer Tank from the cabinet.



4. Set the Sanitizer Tank upright and remove the cap.

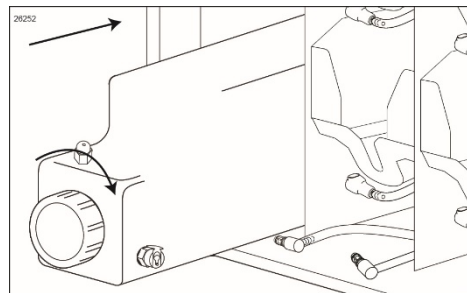


5. Fill the Sanitizer Tank with sanitizer.

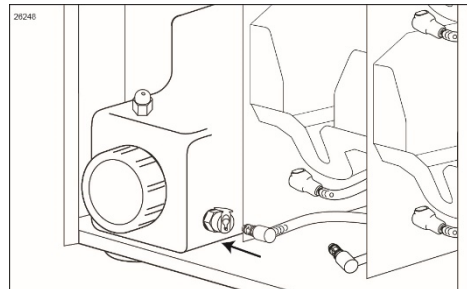


**NOTE:** SET ASIDE THE REMAINING SANITIZER SOLUTION FOR THE CLEAN-IN-PLACE PROCEDURE.

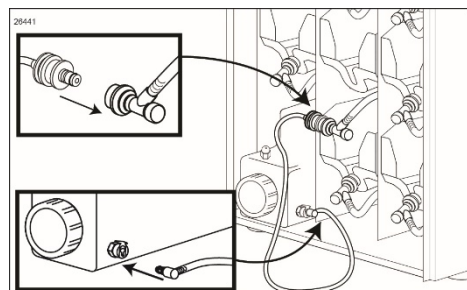
6. Reinstall the cap and tighten sufficiently. Slide the Sanitizer Tank into the cabinet.



7. Reconnect the sanitizer supply line to the Sanitizer Tank.



**NOTE:** THE FCB SYSTEM HAS A PUMP FLUSH ADAPTER LINE THAT CONNECTS DIRECTLY TO THE TANK. KEEP THIS LINE CONNECTED TO THE TANK SO THAT SYRUP LINES CAN BE FLUSHED. WHEN YOU ARE READY TO FLUSH THE LINES, CONNECT THE FLUSH ADAPTER TO A SYRUP LINE AS SHOWN BELOW.





## EQUIPMENT SETUP – Continued

Continue with the EQUIPMENT SETUP instructions in your standard operations manual(s). For systems flavoring two different product types, refer to each type of manual for setup on that freezer. For example, to install the Spigot Switch on a freezer striping soft serve product, refer to the CTP 80SS manual. For switch setup on an FCB freezer, see the CTP 80FCB manual. Perform the instructions in the following sections of EQUIPMENT SETUP:

- Power Connections and Power Up
- Installing Flavors and Priming Syrup Lines
- Color Touch Panel Overview

## OTHER IMPORTANT INFORMATION

Consult your standard manual for important information and instructions on these topics:

- Daily Opening Procedures
- Daily Closing Procedures
- Replacing the Syrup Flavors
- Scheduled Maintenance
- Color Touch Panel Overview
- Directory of Cleaning Procedures
- Parts Replacement Schedule
- Recommended Maintenance Items Replacement Schedule
- Alternate Parts and Kits by Freezer Model
- Ordering Service Information

Consult your Color Touch Panel Manual for detailed information and instructions on how to manage your Color Touch Panel functions.

## ORDERING/SERVICE INFORMATION

Taylor Distributor \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Date of Installation \_\_\_\_\_

### Data Plate

The data plate provides necessary information that the operator should record and refer to when calling for parts or service. The data plate is located on the center panel inside the cabinet.

Complete for quick reference when this information is requested.

1. Model Number: \_\_\_\_\_
2. Serial Number \_\_\_\_\_
3. Voltage \_\_\_\_\_
4. Maximum Fuse Size \_\_\_\_\_ Amps
5. Minimum Wire Ampacity \_\_\_\_\_ Amps

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