



IN THIS ISSUE

Ask An Engineer
1

Surplus/Obsolete
Parts Discounts
2

10% Off New EQ-70
Rebuild Kits
2

New SPOUT-PAK
Prefeeder Design
3

Machine Training
3

Wanted: Customer to
Test New Fill Nozzles
4

Kit to Update EH-2
With SS Burst Disc
4

ASK AN ENGINEER

My ultrasonic power supply failed, but I was told nothing is wrong with it. What's going on?

Evergreen Packaging has been producing cap welding systems with Branson power supplies for several decades. As always, technology progresses. When Branson developed their new DCX power supply, there were some physical changes compared to their previous models.

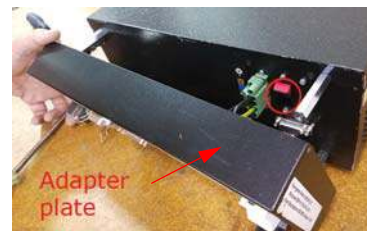
To make the process of replacing an old power supply as painless as possible, Branson also developed an adapter plate. When attached to the back of a DCX power supply, it became a drop-in replacement for their previous 900B and 2000BDC horizontally mounted power supplies.

The power switch is on the back of the DCX unit. This power switch is also a circuit breaker. If the power supply encounters too large of a power surge, the circuit breaker will trip and have to be manually reset.



The problem is the adapter plate covers up the power switch/circuit breaker with a second power switch mounted on the outside. This second outside switch is an on/off switch only. It is not a circuit breaker.

If the DCX power supply suddenly appears to fail, and nothing shows in the display, the first item to troubleshoot is the circuit breaker. After



shutting off the power or disconnecting the unit, remove the four corner screws and slide the

adapter plate back slightly to see if the circuit breaker switch has tripped to the OFF position. If it has, press it back to the ON position and remount the adapter plate.

If the circuit breaker trips repeatedly, have maintenance begin troubleshooting the spout welding system to determine what might be causing the power surges.



I hope this information provides some assistance. If you have questions about this or any other issue, don't hesitate to "Ask An Engineer."



- Jim Goranson
N-8/Spout Engineer



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We welcome comments and suggestions. Please send all mailing address changes to the editor.

Evergreen Packaging Equipment is proud to be ISO 9001:2008 certified. We are dedicated to quality and continuous improvement.

PARTS DISCOUNTS

Surplus/Obsolete Discounts

Take advantage of these huge discounts on overstocked parts. The part numbers and prices in **red** may have been further reduced from previous discounts. To order, make sure you ask for the surplus/obsolete price. Stock is limited to the quantities shown, so order now!

Part no.	Description	Model	Qty	List price	DISCOUNT PRICE
3058477	Spout Welder Rebuild Kit	EH3 SN5600-5626	1	\$12,300	\$8,500
3058557	Bottom Folder Major Rebuild Kit	N8	5	\$13,950	\$10,750
3111334	Quart Mandrel	EQ4, Q11, Q14	3	\$8,710	\$3,000
3283670	Anvil Spindle - Half-gallon SA Spout	EH2, H9	2	\$3,257	\$1,300
3483081	Infeed Drive Shaft Assembly	EQ5	1	\$13,080	\$4,500
3493668	Infeed Support Assembly	N8	1	\$10,990	\$5,500
5540845	O-Ring Silicone (-022) 1/16 X 1 ID	Various	1,470	\$5.70	\$2
5905776	Screen With Ring 18 Mesh	N8	40	\$1,290	\$75
6511076	Generator-Ultrasonic 1700 Watt	SM Spout	2	\$16,880	\$9,500
9000363	20GA Wire Type MG 450c Blue	EH2, H9, QPC11, Q14	4,480	\$5.40/FT	\$1/FT
9000364	20GA Wire Type MG 450c White/Green	EH2, H9, QPC11, Q14	5,128	\$2.00/FT	\$1/FT
9030065	20GA Wire Type MG 450c Green/Yellow	EH2, H9, QPC11, Q14	1,910	\$2.30/FT	\$20/FT

Get New EQ-70 Rebuild Kits With 10% Discount

The Evergreen Technical Service Team (TST) has recently released rebuild kits listed below for various sections of the EQ-70 machine. To kick off their release, we are offering a 10% discount on orders placed through September 2018. These kits may not be in stock so please place your order early so we can ensure the kits ship to you before the busy holiday season. For more information or to order, please contact Evergreen Sales Services (evergreenparts@everpack.com or 800-553-5981) or the TST (319-399-3300).

Part no.	Description	Current list price	10% DISCOUNT PRICE
3058819	EQ70 Top Folder Lower Rebuild Kit	\$1,205.00	\$1,084.50
3058820	EQ70 Top Folder Major Rebuild Kit	\$7,030.00	\$6,327.00
3058821	EQ70 Top Folder Upper Rebuild Kit	\$8,180.00	\$7,362.00
3058824	EQ70 Conveyor Wearstrip Kit	\$21,050.00	\$18,945.00
3058826	EQ70 Conveyor Chain Kit	\$23,340.00	\$21,006.00
3058839	EQ70 Bottom Heater Rebuild Kit	\$1,004.00	\$903.60
3058840	EQ70 Carton Lift Rebuild Kit	\$6,130.00	\$5,517.00
3058841	EQ70 Bottom Folder Assembly and Pivot Rebuild Kit	\$1,565.00	\$1,408.50
3058842	EQ70 Infeed Rebuild Kit	\$1,375.00	\$1,237.50
3058844	Q70/EQ70 Outfeed Rebuild Kit	\$2,079.00	\$1,871.10

New SPOUT-PAK® Prefeeder Design Means Faster, Easier Cap Changes

To maximize your production time, Evergreen has improved the design features of the SPOUT-PAK prefeeder.

It is now easier to change caps for your gable top cartons. The new design places a chute at the back of the prefeeder. By running the conveyor at high speed in reverse and emptying the caps through this chute, you can make that changeover quickly.



An added side window will assist you in monitoring the cap level in the prefeeder, and a photoeye will indicate a low-level supply.

The newly designed prefeeder can be used with an older existing system. Minor software modifications are needed for a retrofit. Call the Evergreen TST at 319-399-3300 for more information on retrofitting.



*- Judy Zeigler
Marketing Services Manager*

MACHINE TRAINING

Learn From the Experts at Evergreen Schools

Let trainers Dennis Meagher and Mike Tisdale show you how to keep your Evergreen filler properly maintained for top performance and long life.

Training can be held at the Evergreen Cedar Rapids facility or at your own plant. Also ask about in-plant training using our N-8 fill system or SPOUT-PAK training stands.



The next school is:

- EQ-70: Sep 17-28

To request training for a specific filler model, please contact Dennis or Mike:

- Dennis Meagher: 319-399-3584
dennis.meagher@everpack.com.
- Mike Tisdale: 319-270-2394
mike.tisdale@everpack.com

For the most up-to-date training school information, visit evergreenpackaging.com.



EVERGREENPACKAGING is a global leader in beverage packaging systems, serving the dairy, juice, specialty, and other liquid food markets. The Evergreen Packaging business employs nearly 4,100 people worldwide. Besides the North American facilities, Evergreen Packaging includes wholly owned subsidiaries in China, South Korea and Taiwan, and joint ventures in Israel, Latin America, North Africa and Saudi Arabia.

Evergreen Packaging is owned by Reynolds Group Holdings Ltd, an investment company that also owns Reynolds Packaging, Pactiv Corporation, Closure Systems International and Graham Packaging.

The Evergreen Packaging product line includes:

- Gable top packaging equipment—which forms, fills, and seals paper gable top cartons—available for pasteurized, ESL (Extended Shelf Life), ELL (Extended Long Life), and hot fill applications. These machines fill cartons from 4 oz. up to half-gallon (150 ml up to 2 liter), at speeds from 30 to 340 cartons per minute.
- SPOUT-PAK® twist-off closures for most gable top cartons.
- Gable top materials available through our global network of converting plants.

WANTED: A Customer to Test New Fill Nozzle Deflectors AND Save Money

Evergreen has developed a new quart machine fill nozzle deflector. The major difference is the new nozzle is made out of round bar stock while the current design is made from a casting. We are looking for a customer to test this newly designed deflector. These deflectors have been tested on our test line running water and have performed to our expectations. We now want to test them at a customer site in "real-world" conditions. These are standard quart deflectors so we want to test them at a customer site running milk or creams.

These deflectors work on EQ-70, EQ-5, EQ-140, Q-6, Q-7, Q-8 and Q-11 machines. If you are interested in trying these new deflectors, your current nozzle housings must be in good shape so we can get an accurate reflection of how the deflectors will perform. This means:

- No nicks on the bottom lip of the nozzle housings.
- Chrome inside the housings must be in good shape.

We have four of these deflectors in stock ready to test. The part number for the new deflector is 3484022 and it is equivalent to deflectors 3631674 and 3157221. To encourage a customer to try these new deflectors, we are pricing them at a significant discount compared to the current part numbers. If you need to replace your current deflectors, this is a great opportunity to get new deflectors at a very low price.

If you are interested or have any questions, please contact me at 319-399-3591 or brad.johnson@everpack.com.



- Brad Johnson
Supply Chain Manager

SERVICE TIP

Update Your EH-2 to Latest Design With Stainless Steel Burst Disc

An update kit is now available for EH-2 fillers SN5532 – SN5551 to replace the standard graphite Impervite® impregnated burst disc with a stainless steel burst disc, as used on newer Evergreen fillers. A graphite burst disc can fragment during rupture while the stainless steel burst disc will remain intact.

SS Burst Disc Update Kit 3058845 includes all parts and instructions necessary to install the stainless steel burst disc. For more information, call the TST at 319-399-3300. To order, contact Sales Services at evergreenparts@everpack.com or 800-553-5981.



Parts included in kit 3058845 are shown in color.



Every part you purchase from EVERGREEN PACKAGING EQUIPMENT is backed by our:

- Commitment to quality.
- Technical Service Team (TST) of engineers to answer your questions.
- Team of knowledgeable sales coordinators to make sure you get the part you need, when you need it.
- Emergency parts and service availability 24 hours a day, 7 days a week.
- Experienced field service technicians available to maintain your filler in peak operational condition.
- Six-month warranty.

TO ORDER PARTS:

Email: evergreenparts@everpack.com
Phone: 319-399-3399 or 800-553-5981
Fax: 319-774-2194 or 800-553-5986

TO REQUEST SERVICE:

Phone: 319-399-3570 or 800-331-6083
Fax: 319-540-8958

FOR TECHNICAL SERVICE TEAM (TST) SUPPORT:

Phone: 319-399-3300

ANNOUNCEMENT

The Evergreen Packaging facility will be closed on Wednesday July 4 for the Independence Day holiday. On that day, we will ship parts and schedule service on an emergency basis only.

Happy holiday!