

Flavor Burst™

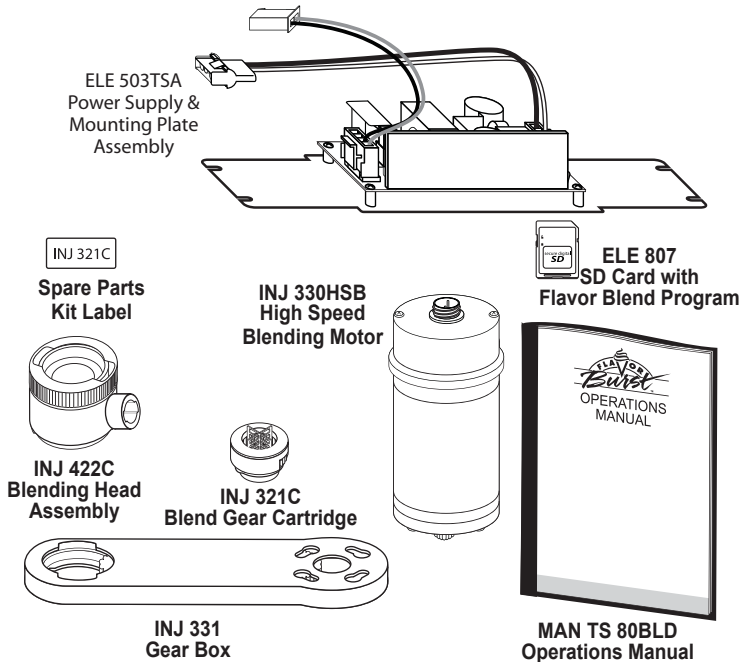
CONV BLEND Flavor Blend Conversion Kit

Installation & Operation Instructions

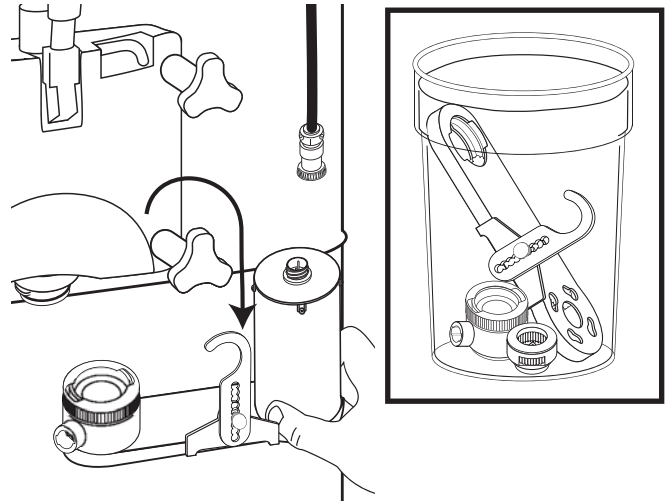
The CONV BLEND kit converts your TS 80SS Flavor Burst soft serve system into a TS 80BLD Flavor Blend soft serve system. Follow these instructions to swap out the necessary parts, update the Touchscreen software, and adjust the system and freezer to optimize the blending feature. If you have any questions, please contact your local distributor.



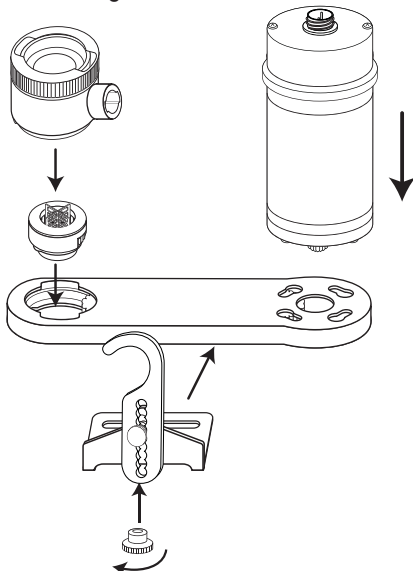
NOTE: USE ONLY FLAVOR BLEND SYRUPS WITH THIS SYSTEM. OTHER SYRUPS WILL NOT BLEND PROPERLY OR HAVE THE CORRECT BALANCE OF FLAVOR INTENSITY AND COLOR. BLEND SYRUPS ARE SOLD SEPARATELY AND ARE AVAILABLE FROM YOUR LOCAL DISTRIBUTOR.



- 1 Remove, clean and sanitize your current Injector Assembly according to the Daily Closing Procedures in your Operations Manual. Store everything except the Suspension Bracket in a safe, clean place.

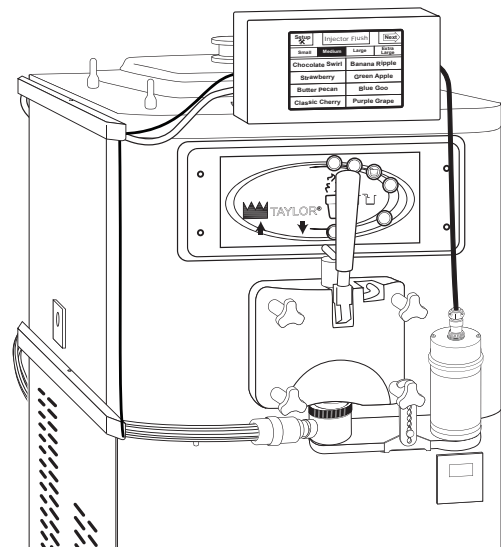


- 2 Install your Suspension Bracket onto the new Gear Box assembly. If they aren't already installed, install the new Gear Cartridge, Blending Head and Motor onto the Gear Box.

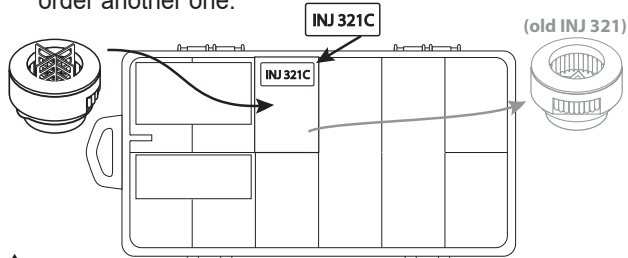


NOTE: ENSURE THE O-RINGS ARE INSTALLED ON THE BLENDING HEAD.

- 3 Install the Blending Assembly onto the freezer. Connect the Touchscreen to the motor and the 9-Tube-Assembly to the Blending Head syrup port.

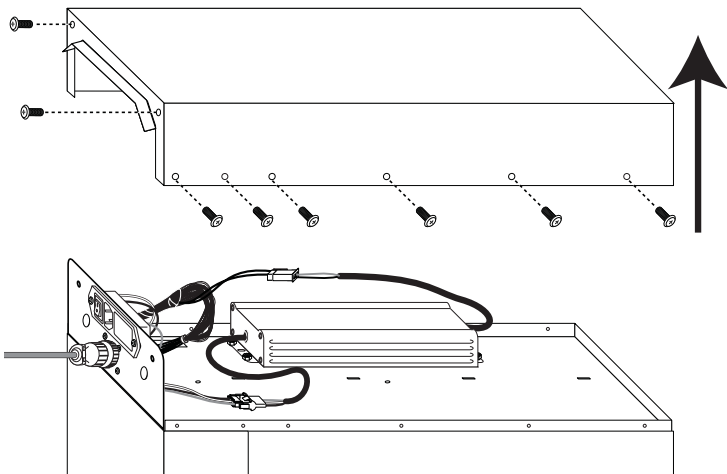


- 4** It is recommended you order an extra INJ 321C Gear Cartridge from your local Taylor distributor, and replace the old INJ 321 Gear Cartridge in your Spare Parts Kit. Store the old INJ 321 with your old Injector Assembly parts and apply the "INJ 321C" label to the compartment containing the new Gear Cartridge. This will help avoid confusion with the part numbers should you need to order another one.

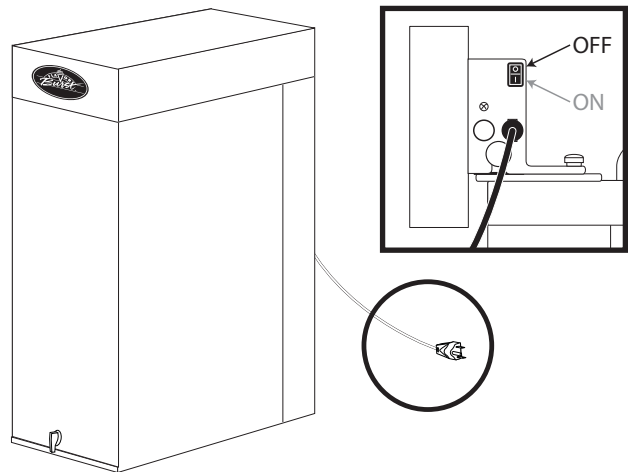


NOTE: EXTRA INJ 321C GEAR CARTRIDGE NOT INCLUDED WITH THIS KIT. CONTACT YOUR LOCAL DISTRIBUTOR TO ORDER MORE.

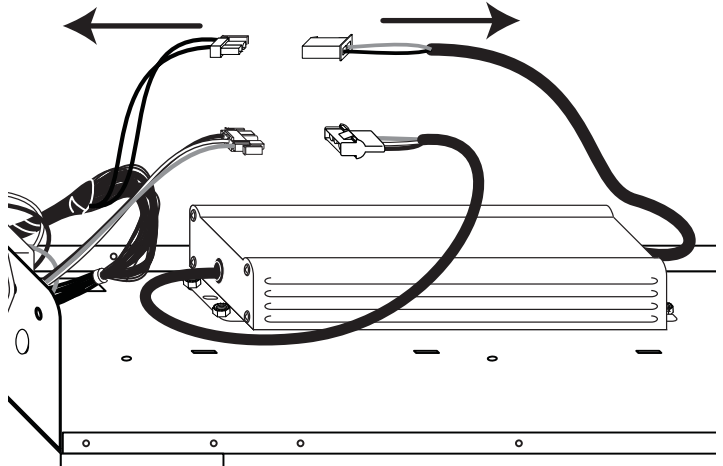
- 6** Remove the cabinet top from the cabinet.



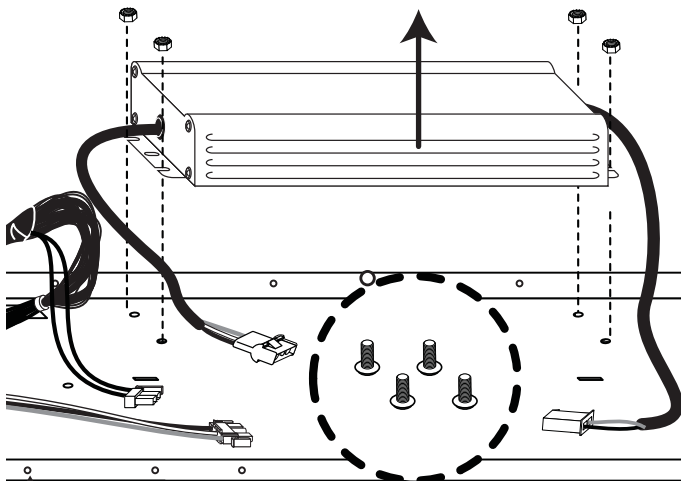
- 5** Turn off the Touchscreen. Ensure the Flavor Burst system is turned off and unplugged from the outlet to protect against electrical shock.



- 7** Disconnect the Power Supply connections from the Power Entrance Module and the Pump Harness Cable.

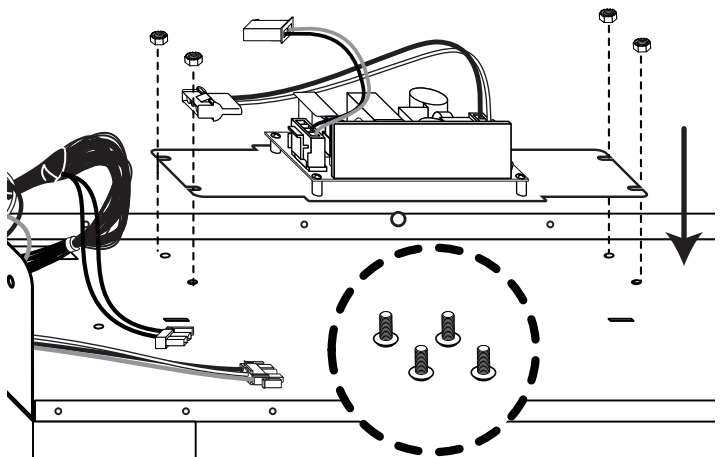


- 8** From inside the cabinet, unscrew the Power Supply from the locking nuts. Remove the Power Supply.

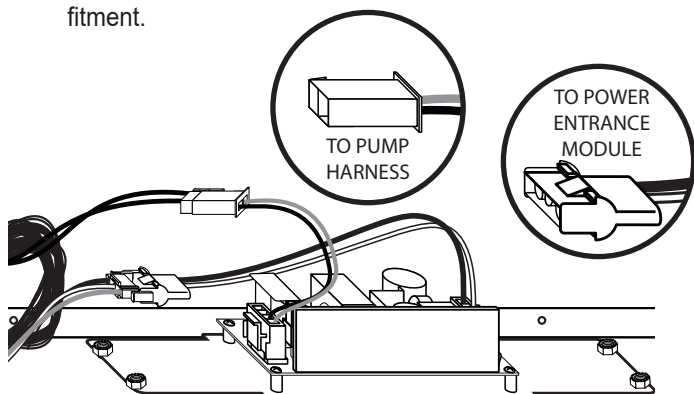


NOTE: FOUR SCREWS SECURE THE POWER SUPPLY FROM THE UNDERSIDE OF THE PANEL. YOU MAY NEED TO REMOVE THE TOP SYRUP TRAYS TO ACCESS AND REMOVE THE SCREWS.

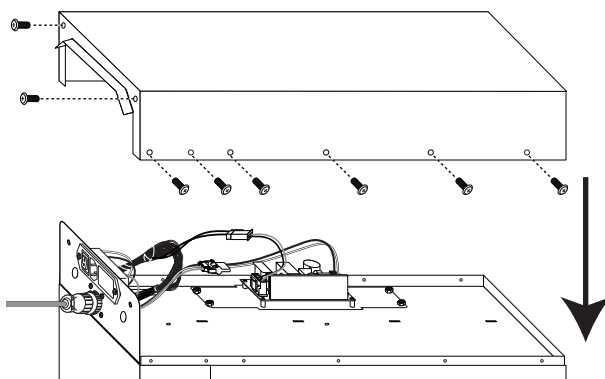
- 9** Install the new ELE 503TSA Power Supply Assembly to the cabinet panel using the screws and nuts from the previous power supply.



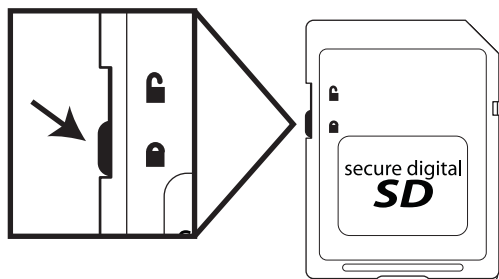
- 10** The new Power Supply should already have two cable connections attached to it. Connect the cable with the larger fitment to the Power Entrance Module fitment. Connect the smaller fitment to the Pump Harness Cable fitment.



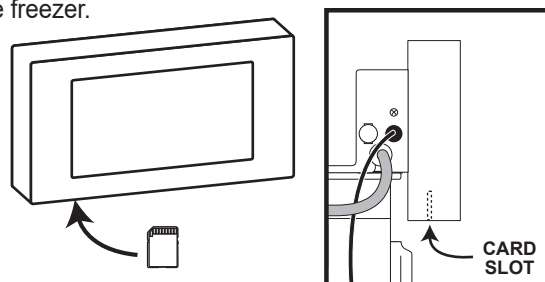
- 11** Reinstall the cabinet top to the cabinet and connect it to the grounded outlet. Turn on the cabinet, but leave the Touchscreen off.



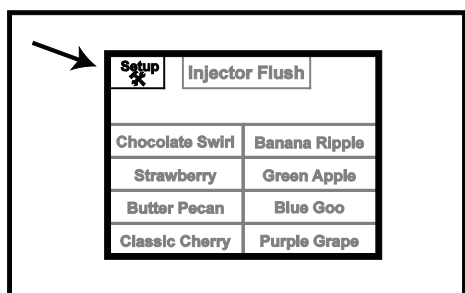
- 12** Ensure the slide-lock button on the Secure Digital (SD) Card is in the locked position.



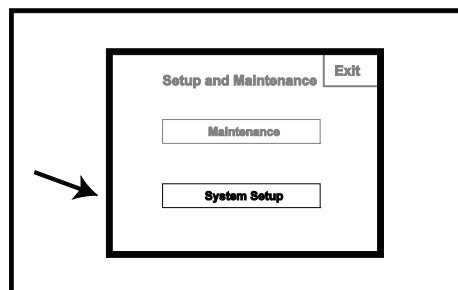
- 13** Insert the SD Card in the card slot underneath the edge of the Touchscreen with the card label facing towards the freezer.



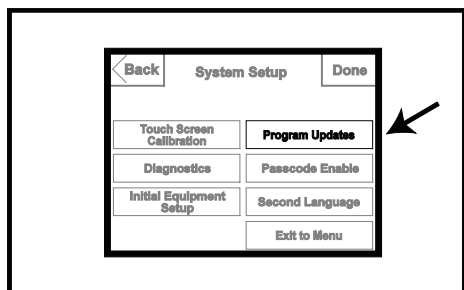
- 14** Turn on the Touchscreen. From the main menu screen, press the SETUP key in the upper left corner. Enter the password 3141 if required.



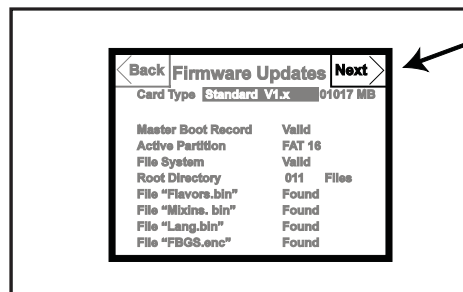
- 15** Press the SYSTEM SETUP key.



- 16** Press the PROGRAM UPDATES key.

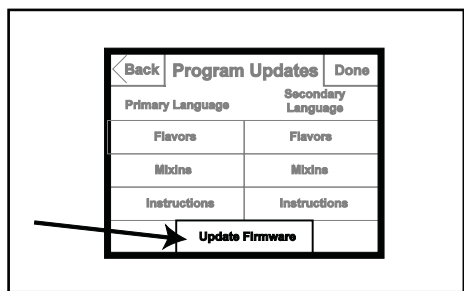


- 17** Wait a few seconds and then press NEXT.

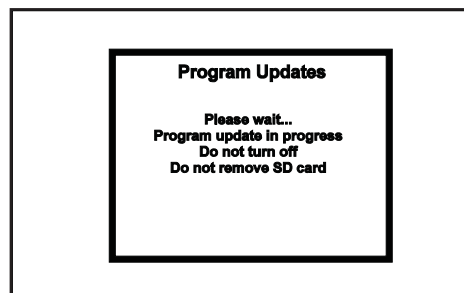


NOTE: IF THERE IS NO "NEXT" KEY, AND THE FILES LISTED ONSCREEN SAY "NOT FOUND", AND THE SD CARD IS IN THE LOCKED POSITION, THERE MAY BE AN ERROR WITH THE CARD.

- 18** Select a section to update the files. Begin with the UPDATE FIRMWARE key.

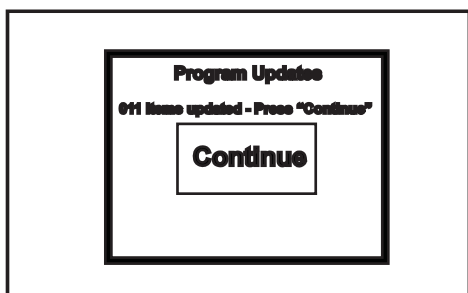


- 19** The screen will ask you to wait while it is updating. Depending on the content, this could take a few minutes.



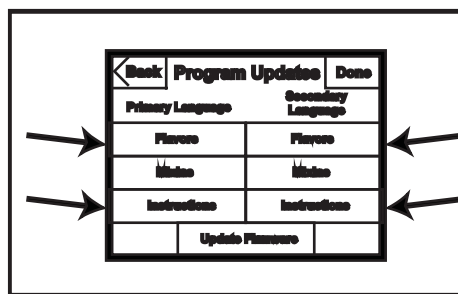
NOTE: DO NOT TURN OFF THE TOUCHSCREEN OR REMOVE THE SD CARD WHILE THE PROGRAM IS UPDATING.

- 20** The screen will show how many items were updated. Press CONTINUE. If it shows 0, then there was an error. Ensure the SD card lock switch is in the locked position.

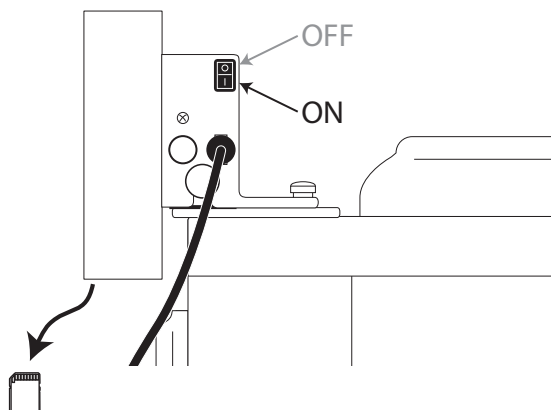


NOTE: IF THE SD CARD LOCK SWITCH IS IN THE LOCKED POSITION AND THE UPDATE STILL FAILS, YOU MAY NEED TO REFORMAT YOUR CARD. SEE REFORMATTING THE SD CARD FOR INSTRUCTIONS.

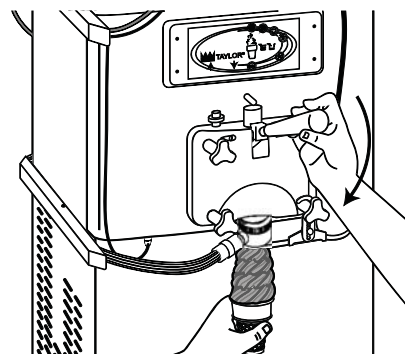
- 21** Repeat Steps 8-10 for each of these sections:
Primary Language Instructions
Secondary Language Instructions
Primary Language Flavors
Secondary Language Flavors



- 22** When complete, press the DONE key, shut down the Touchscreen, remove the card, and restart the Touchscreen again.



- 23** Perform the Clean-In-Place process according to your owner's manual to clean the syrup lines and parts. Install new Flavor Blend syrups in the cabinet and prime the syrup lines according to the manual. Draw a serving to test the system.



NOTE: USE ONLY FLAVOR BLEND SYRUPS WITH THE NEW BLEND SYSTEM. FLAVOR BURST SOFT-SERVE AND FROZEN BEVERAGE SYRUPS WILL NOT BLEND PROPERLY WITH THIS SYSTEM.

TIPS FOR A BETTER BLEND

- Ensure you have FLAVOR BLEND syrups installed in your syrup trays. The label should read “FLA” followed by three numbers, ending with “-BLD” For example, Chocolate Blend syrup is labelled FLA 001-BLD. If your syrup does not have the BLD suffix, the syrup will not blend properly.
- First, slow down the freezer’s draw rate, so that the blending assembly has time to blend the product. You are asking the system to blend flavoring into product that is coming through a very small space, very quickly. The draw rate is very important and is most likely the cause of product blending issues.
- Use the Touchscreen to adjust the dispense rate of each syrup and find the right blending balance. Start with a level 6 or 7. Too much or too little syrup may cause an unblended look.
- If the above doesn't work, you can change the polarity of the motor by swapping the electrical leads inside the motor casing. This reverses the direction of the motor and, in a few cases, has shown to blend effectively.
- Place this sheet in the back of your Operations Manual for easy reference.
- Product viscosity can vary throughout the day. The thickness of the product changes, depending on how many back-to-back servings are made, or long periods of time between servings. Because this is difficult to account for when making your syrup settings, some servings may have a more blended look than others. You can adjust the freezer dispense rate or the syrup dispense rate to account for busy or calmer times during the day.