

ESCAPE™ INSTRUCTIONS FOR BALL FLOAT CONVERSION

Follow these instructions to remove the electronic float switch and install the A124 Ball Float Conversion Kit.

A124 Conversion Pack Includes:

- 2x H265 Ball Floats
- 2x E614 Closed End Crimp Connectors (Pig-Tail)
- 8x E514 Wire Ties

Tools Needed:

- #2 Phillips Screwdriver
- Wire Cutters and Crimpers
- Electrical Tape

Labor hours allowed: 1



This procedure should only be performed by a trained electrician.

MAKE SURE THE MACHINE IS UNPLUGGED BEFORE FOLLOWING THESE INSTRUCTIONS

1 Using a #2 Phillips screwdriver, remove the side panel (**Figure A**).

2 Take the lid off the recovery tank and attach the two ball floats to the two suction ports in the recovery tank (**Figure B**).

3 Locate the two E370A Vacuum Level Shut-Off Control Boards. The machine will have either the old style board or the new style board, both shown in **Figure C**. The procedure is similar for each type of board. These boards will be bypassed, removed, and discarded in the following steps.

4 Locate the two white wires that are at terminal positions labelled **FLOAT SWITCH** on **Figure H** and pull them off both E370A control boards. Tape the wire connectors with insulation electrical tape and tie wrap them out of the way (**Figure D**). These wires will no longer be used.

Refer to **Figure H** for terminal positions noted in the following steps.

5 Locate the E370A control board that is powered by Cord 1. To do this, follow the black wire from Cord 1 to where it terminates at an E370A control board (**Figure H**). With the correct control board located, remove the wires connected to positions **R2 SW A** and **NEUT** and wrap electrical tape on and around each electrical connector, to insulate it. Then coil and tie-wrap these wires to a nearby loom to stow them out of the way. These wire connections will no longer be used on this board.

6 Remove wires on the board connected to positions **R1 HOT**, **R1 OUT** & **R2 SW B** (**Figure H**). Cut the electrical connectors off wires **R1 HOT**, **R1 OUT** & **R2 SW B** (**Figure E**). Strip insulation back by 3/8" on these. Using a crimp closed end connector (pig-tail), crimp together these wires. Coil loose length of wires



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and tie-wrap to a loom section to stow them out of the way.

7 Locate the other E370A control board that is powered by Cord 2. To do this, follow the black wire from Cord 2 to where it terminates at an E370A control board (**Figure H**). With the correct control board located, remove the wire connected to positions **R2 SW A & NEUT** and wrap electrical tape on and around each electrical connector to insulate it. Then coil and tie-wrap these wires to a nearby loom to stow them out of the way. These wire connections will no longer be used on this board.

8 Remove wires on the board connected to positions **R1 HOT, R1 OUT & R2 SW B** (**Figure H**). Cut the electrical connectors off wires **R1 HOT, R1 OUT & R2 SW B** (**Figure E**). Strip insulation back by 3/8" on these. Using a crimp closed end connector (pig-tail), crimp together these wires. Coil loose length of wires and tie-wrap to a loom section to stow them out of the way.

9 If desired, remove both E370A control boards from the machine, leaving the pump-out control board as shown in **Figure F**.

10 Replace the side panel. (**Figure G**)

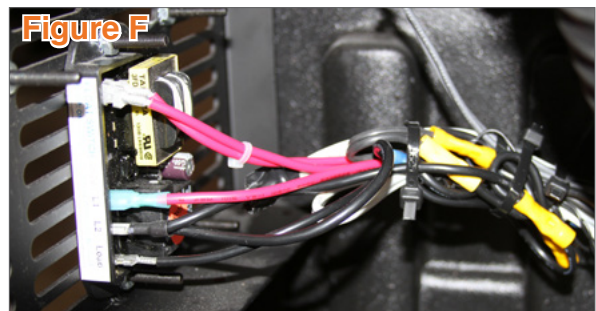
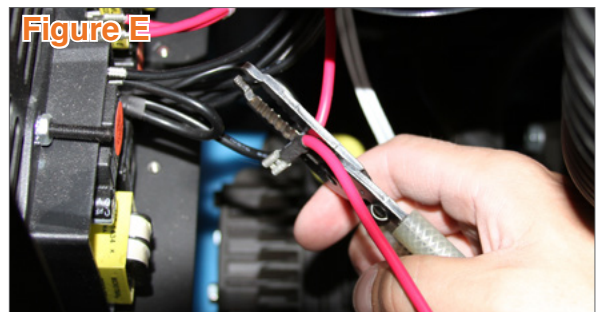


Figure H

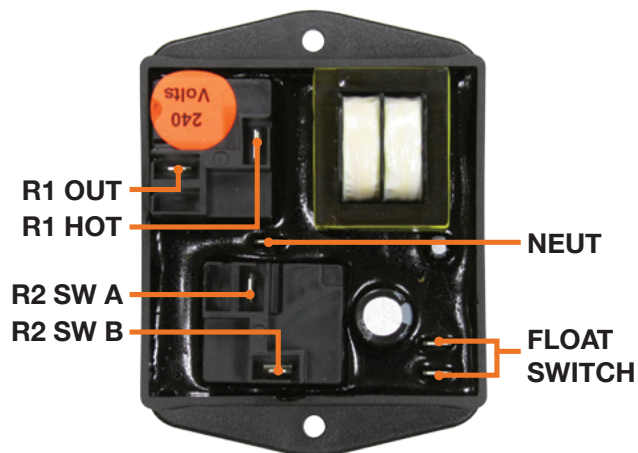


Figure G

