

Flash Controller Kit, 826-2509

Follow these instructions to place a flash controller in the wiring harness between a new computer and the interface board.

In This Kit		
Part No.	Description	Qty
106-8177	Wiring Harness	1
819-6299	Instructions	1

Remove power from the unit.

Lower or remove the bezel and remove the computer.

Remove the wiring harness connecting the controller to the interface board. Remove and retain the flash controller.

With a pin pusher, remove pin one from the 15-pin plug on the interface side of the provided wiring harness (the plug farthest from the ferrite bead). **See figures 1 and 4.**

Place pin one in the pin-one position (found with the ridge adjacent to the pin position) of the three-pin plug on the flash controller. See the counting pins example in Figure 1.

Route the wire from the pin-one position on the opposite side of the flash controller to the pin-one position on the interface-side 15-pin plug.

Remove pin 11 from the 15-pin plug and place it in the middle position on the flash controller.

NOTE: These instructions detail the steps necessary to install an SMT computer on a fryer equipped with a flash, which lights in lieu of an audible cooking alarm produced by the fryer's computer. This device is used in stores with deaf staff that rely on the flash to indicate when to remove cook baskets, etc. These devices are used almost exclusively in France.

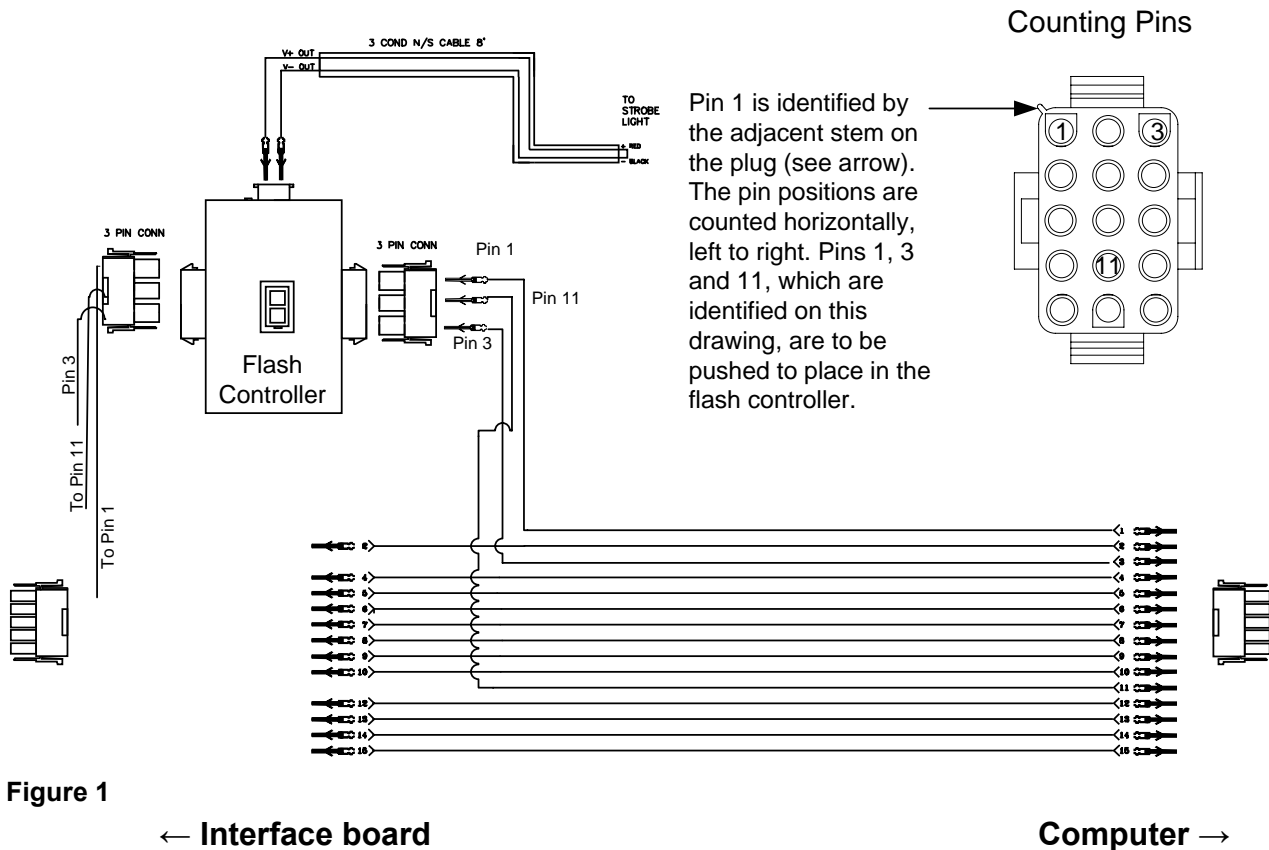


Figure 1

← Interface board

Computer →

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Route the wire from the pin-11 position on the opposite side of the flash controller to the pin-11 position on the interface-side 15-pin plug. Remove pin 3 from the 15-pin plug and place it in the remaining position on the three-pin plug.

Route the wire from the pin-3 position on the opposite side of the flash controller to the pin-3 position on the interface-side 15-pin plug.

Test the continuity of the rewired circuits by inserting multimeter probes into the respective 1, 3, and 11 pin positions. **Note:** Recent production computers will have a different style 15-pin plug. The visual marker for pin 1 on these smaller micro amp plugs is an arrow. **See figures 2 and 3.**

The completed harness with the flash controller in place is shown in **figure 4.**

Return the harness to the fryer and test operation of flash.

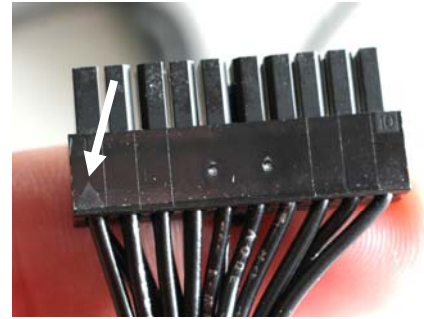


Figure 2: There are two rows of pins on the smaller micro amp plug. Pin 1 is marked with an arrow. The 20 pins are numbered left to right, with pin 11 adjacent to pin 1.



Figure 3: Probes are shown positioned for ohming out the pin 11 wiring on Molex and micro amp plugs.



Figure 4: The completed harness with the flash controller attached is shown above.