

Instruction Sheet

Subject: FilterQuick Handle to Button Conversion Kits 8263280, 8263281, 8263282 and 8263284.

Models affected: FilterQuick Gas and Electric Fryers with Push/Pull Handles

In FilterQuick 2 Battery 8263280 Kit		
Part Number	Description	Qty
2601264	FASCIA,FQ 2XX K3000 W/BUTTON	1
8090237	NUT, 4-40 KEPS HEX W/EXT TH	8
1086858	PLATE, FQ BUTTON RETROFIT	2
8075858	SWITCH, PUSHBUTTON LED BLUE INDP	2
8052035	DIAGRAM, SYSTEM WIRING FQ GAS	1
8052044	DIAGRAM, SYSTEM WIRING FQ ELEC	1
8263258	FILTERQUICK SD CARD KIT	1
8197246	INSTRUCTIONS	1
	SLIT SOCKET ASSEMBLY	1

In FilterQuick 3 Battery 8263281 Kit		
Part Number	Description	Qty
2601265	FASCIA,FQ 3XX K3000 W/BUTTON	1
8090237	NUT, 4-40 KEPS HEX W/EXT TH	10
1086858	PLATE, FQ BUTTON RETROFIT	3
8075858	SWITCH, PUSHBUTTON LED BLUE INDP	3
8052035	DIAGRAM, SYSTEM WIRING FQ GAS	1
8052044	DIAGRAM, SYSTEM WIRING FQ ELEC	1
8263258	FILTERQUICK SD CARD KIT	1
8197246	INSTRUCTIONS	1
	SLIT SOCKET ASSEMBLY	1

In FilterQuick 4 Battery 8263282 Kit		
Part Number	Description	Qty
2601264	FASCIA,FQ 2XX K3000 W/BUTTON	2
8090237	NUT, 4-40 KEPS HEX W/EXT TH	12
1086858	PLATE, FQ BUTTON RETROFIT	4
8075858	SWITCH, PUSHBUTTON LED BLUE INDP	4
8052035	DIAGRAM, SYSTEM WIRING FQ GAS	1
8052044	DIAGRAM, SYSTEM WIRING FQ ELEC	1
8263258	FILTERQUICK SD CARD KIT	1
8197246	INSTRUCTIONS	1
	SLIT SOCKET ASSEMBLY	1

In FilterQuick 5 Battery 8263284 Kit		
Part Number	Description	Qty
2601264	FASCIA,FQ 2XX K3000 W/BUTTON	1
2601265	FASCIA,FQ 3XX K3000 W/BUTTON	1
8090237	NUT, 4-40 KEPS HEX W/EXT TH	14
1086858	PLATE, FQ BUTTON RETROFIT	5
8075858	SWITCH, PUSHBUTTON LED BLUE INDP	5
8052035	DIAGRAM, SYSTEM WIRING FQ GAS	1
8052044	DIAGRAM, SYSTEM WIRING FQ ELEC	1
8263258	FILTERQUICK SD CARD KIT	1
8197246	INSTRUCTIONS	1
	SLIT SOCKET ASSEMBLY	1

Follow these instructions to convert a FilterQuick fryer with push/pull handles to a LED button switch.

- Remove power from the unit.
- Unscrew the filter push pull handle knobs by rotating the knobs counterclockwise. It may be necessary to pull the handle out and put a wrench or pliers on the shaft to hold it in place while unscrewing the knob (see Figure 1).
- Open the doors to allow access to the Phillips head screws on the bottom of the fascia (see Figure 2).
- Remove the 2-3 screws on the bottom of the fascia attaching the fascia to the control frame starting with the outer screws first.

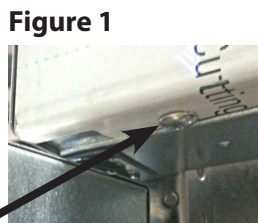


Figure 1

Figure 2

- Carefully lower and remove the fascia.
- Using a 1/4" nut driver, remove the two screws in the top corners that attach the controller (see Figure 3).



Figure 3

- The controller is hinged at the bottom and will swing open from the top (see Figure 4).
- Unplug the wiring harnesses and grounding wires from the connectors on the back of the controller, marking their position for reassembly.

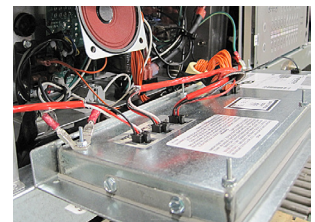


Figure 4

9. Remove the controller by lifting it from the hinged slots in the control panel frame. **NOTE:** If removing more than one controller at a time, do not mix up controllers as some may contain unique programming specific to that controllers position.
10. Using a 5/16" nut driver, remove the two screws on the bottom of the control frame attaching the handle assembly (see Figure 5).
11. Push the handle assembly through the brass bushing towards the rear of the fryer to remove the assembly,. It will be necessary to maneuver the assembly around the blower and the MIB board if applicable (see Figure 6). It may be necessary to cut wires to remove. Once removed, discard the assembly.
12. Locate the supplied slotted socket assembly (see Figures 7 and 8).
13. Remove the nut and washers from the slotted end and insert the assembly into the brass bushing with the slot up (see Figure 9).
14. Attach the washers and nut removed from the previous step to the rear of the all thread, on the rear of the bushing.
15. Use a 9/16" wrench to hold the rear nut in place. Use another 9/16" wrench or adjustable wrench on on the front of the assembly to turn the nut clockwise and slowly tighten the nut, push the bushing out of the frame channel (see Figures and 11).

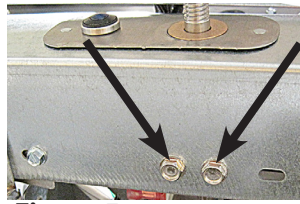


Figure 5

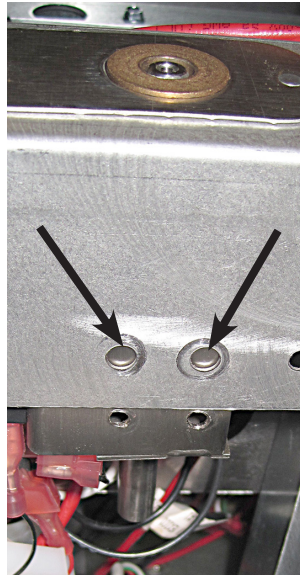


Figure 6



Figure 7



Figure 8



Figure 9

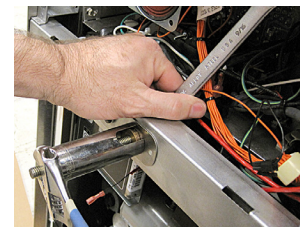


Figure 10

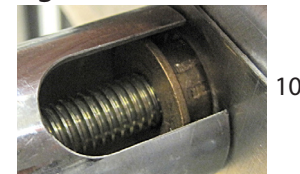


Figure 11

16. Continue tightening the nut until the bushing is completely pushed out of the frame (see Figure 12)
17. Remove the nut and remove the slotted socket assembly, brass bushing, washers and nuts.
18. Using a socket with a 2" extension and a 1/4" socket, loosen and remove the two nuts on the rear of the two studs of the LED plate (see Figure 13).



Figure 12

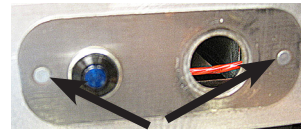


Figure 13

19. Using pliers, firmly grasp the LED light as shown and using a 1/2" socket with a 2 inch extension, loosen and remove the nut from the rear of the LED (see Figure 14).
20. Remove and discard the plate assembly (see Figure 15).
21. Insert new plate into the holes of the plate removed in previous step. The opening in the new plate is offset from the center. Ensure the opening in the new plate is closest to the left stud (see Figure 16).

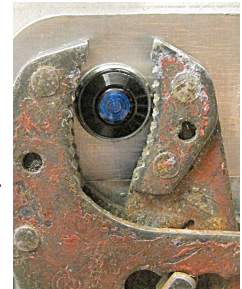


Figure 14



Figure 15

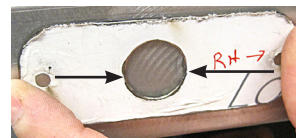


Figure 16

22. Using a plate as a template, trace the opening (see Figure 17). Mark the top and bottom of the plate with the retaining nut from the new push button switch (see Figure 18).
23. Position a piece of cardboard under the area to be drilled and drill a 1/8" pilot hole in the center of the marked circle (see Figure 19).

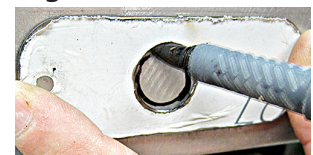


Figure 17



Figure 18

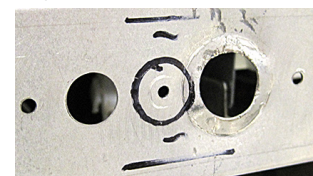


Figure 19

24. Using a stepper drill bit, drill the hole out to 3/4" (see Figures 20 and 21).
An alternative method to drilling is to use a 3/4" knock out kit to cut the holes.



Figure 20



Figure 21

25. Using a mallet smooth out any burrs on the face of the frame where opening was drilled.

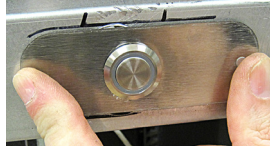


Figure 22

26. Insert the plate into position with the button switch inserted into the center opening (see Figure 22).
 27. Slip retaining nut over wire harness of the button. Using a 15/16" socket hand tighten the retaining nut on the rear of the LED button switch. Do not over tighten, as it may distort the rubber washer on the switch.



Figure 23

28. Using a 1/4" socket with a 2" extension, attach the 4-40 nuts to the two studs on the rear of mounting plate to secure the plate. Use a piece of tape or paper towel to secure the nut while tightening (see Figure 23).



Figure 24

29. Reattach controller ensuring that all harnesses removed in step 8 are securely reattached. **NOTE:** Ensure that the controller is reattached to the same position it was removed from. Attach the new installed button switch harness to J4 connection on rear of controller (see Figures 24 and 25).

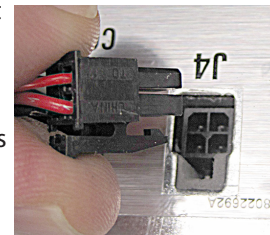


Figure 25

30. Reverse steps 6-7 to reattach the controllers.
 31. Repeat all steps to convert other handles to buttons for each vat in the battery.
 32. Reverse steps 3-5 to reattach the fascia.
 33. Restore power and test the fryer.