

Instruction Sheet

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Follow these instructions to install a pre-filter kit on 1814G gas fryers.

Subject: 8263880 1814G Gas Pre-Filter Kit Instructions

Models affected: 1814G Gas Fryers

11/10/2025

Pre-Filter Installation

1. Remove the filter pan.
2. Remove the two (2) filter pan lid screws (see Figure 1).
3. Pull the taps off the frame, drop down and lift the rear of the filter pan lid up and off the tabs at the rear of the fryer (see Figure 2).

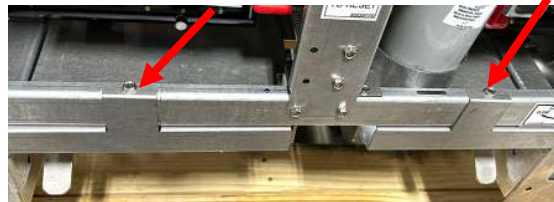


Figure 1

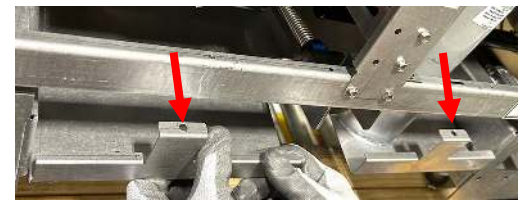


Figure 2

4. Pull forward to remove the filter pan lid (see Figure 3).
5. Remove the two (2) screws attaching the filter motor reset rod. (see Figure 4).
6. Pull the reset rod with bracket out and set aside (see Figure 5).
7. Disconnect the flexible hose from the rear of the female suction assembly (see Figure 6).
8. Position the pre-filter as low and left as possible on the vertical support above the female receptacle (see Figure 7).



Figure 3

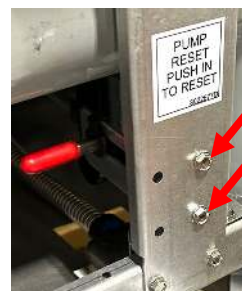


Figure 4



Figure 5

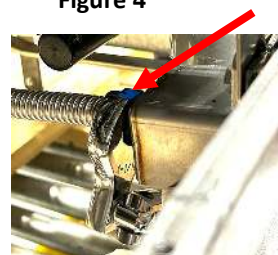


Figure 6

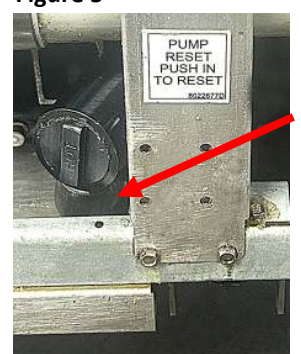


Figure 7

Continued on next page...

In This Kit

Part #	Description	Qty
130001424SP	PREFILTER, SUCTION SCFHD263	1
8090657	CLIP, CLEVIS ROD RT.END	1
2401882	BRKT, BK60/50/60 FLTR PMP RESET	1
2401086	WRENCH, PRE-FILTER CAP)	1
8104167	LANYARD, COBRA IN-LINE FILTER	1
8090412	SCREW, #10-1/2	4
8198080	1814G PRE-FILTER KIT INST	1

9. Drill two pilot holes **smaller than 5/32"** in the vertical support to match the existing holes on the pre-filter mount base (see Figure 8).

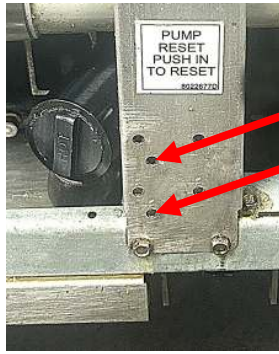


Figure 8

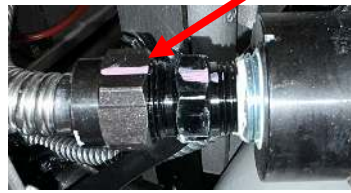


Figure 9

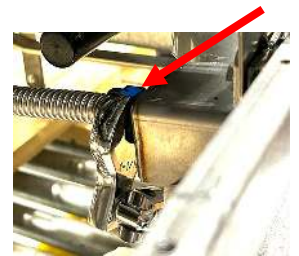


Figure 10

10. Verify the holes line up with the existing holes on the pre-filter, then drill out the pilot holes from step 9 using a 5/32" drill bit.
11. Re-verify the new holes line up with the pre-filter holes but **DO NOT** secure in place yet.
12. Attached the flexible hose removed in step 7 to the output of the pre-filter (see Figure 9).
13. Attach the input flexible hose from the pre-filter to the female pick up receptacle (see Figure 10).
14. Position the pre-filter on the vertical frame and secure in place using the provided screws (see Figure 11).
15. Once secure, tighten the flexible hose connections.

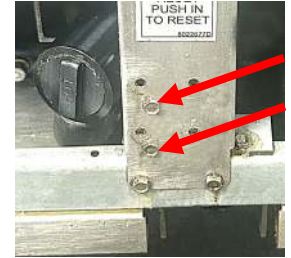


Figure 11

Test for leaks

16. Ensure the filter pan is set up correctly and in place.
17. Turn **OFF** the fryer you intend to filter.
18. Before draining the oil, **OPEN** the return valve by rotating the yellow handle to the left. Ensure the pump motor runs, and air bubbles are visible in the frypot.
19. With the motor running and air bubbles in the frypot, **OPEN** the drain valve by pushing the red handle to the right.
20. While the oil is circulating, check for leaks on **ALL** flexline oil connections, whether they were touched or not.
21. Close the drain valve and fill the frypot.
22. Once the frypot is full, allow the oil to bubble for approximately 30 seconds and close the return valve.
23. Verify the filter pan is empty of oil.
24. Repair any leaks that were found.
25. Once no leaks are verified, continue to the next section.

Install Filter Motor Reset Rod with Bracket

26. Remove the existing clevis clip and bracket from the reset rod you set aside in step 6.
27. Attach the provided bracket and clevis clip to the reset rod with the handle positioned to the right (see Figure 12).

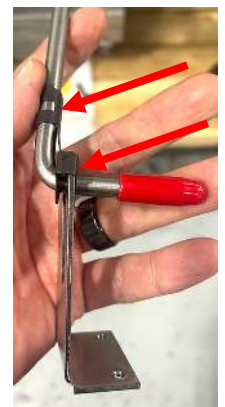


Figure 12

28. Position the reset rod in the guide hole bracket in front of the motor reset button (see Figure 13).
29. Position the bracket on the vertical support and ensure adequate clearance over the return flex line (see Figure 14).
30. Ensure the rod tip contacts the reset on the motor when pushed in (see Figure 13).
31. Hold the bracket with rod in place and drill two pilot holes through the vertical frame and bracket (see Figure 15).
32. Remove the bracket with reset rod.
33. Drill out the two pilot holes on the vertical frame using a 5/32" drill bit.
34. Drill out the two pilot holes on the bracket using a 5/32" drill bit.
35. Re-position the rod in the guide and the bracket on the vertical frame.
36. Using the provided screws, secure the reset bracket to the vertical frame. Ensure the wrench lanyard is behind the lower screw (see Figure 16).
37. Mount the wrench in the provided slot in the frame (see Figure 16).
38. Re-verify that the reset rod contacts the motor reset switch when pushed in.
39. Reverse steps 1-4 to reattach the filter pan lid and insert the filter pan into the fryer.



Figure 13

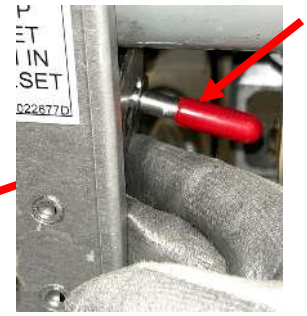


Figure 14



Figure 15

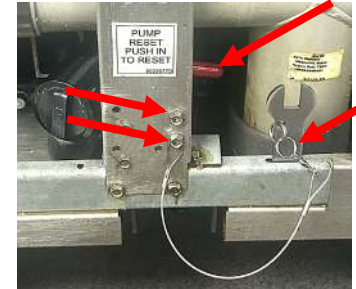


Figure 16

Train the Manager On Duty and the Cooks

40. Inform the Manager On Duty and any cooks about the purpose of the pre-filter, location of the wrench and the new location of the reset rod.
41. Inform them that when a filter is performed, the pre-filter will be as hot as the oil. They should wear safety gloves and use caution when removing and installing the pre-filter.
42. Instruct them on how to check, clean, and install the pre-filter.
43. Instruct them that when tightening the pre-filter, finger tighten first, then use the wrench to snug a little tighter than finger tight.
44. **DO NOT** overtighten the pre-filter, it will make it very difficult to remove later.