

Instruction Sheet

Follow these instructions to replace 30lb fryer ceramic burners with metal fiber burners.

This kit is used to "Upgrade" a fryer in the field that has a **broken ceramic tile burner** and replaces them with metal fiber burners.

This kit replaces both the left and right ceramic tile burners on **ANY** low oil volume 30lb gas legacy fryer (Export, CE or Domestic - Full Vat or Dual Vat).

BOTH burners **MUST** be replaced with metal fiber burners on the same frypot. Metal fiber burners and ceramic burners **CANNOT** be used together on the same frypot.

1. Pull the fryer away from the hood and disconnect the unit from the electrical and gas supplies.
2. Remove the gas line and enrichment tube using a 7/16" and 5/8" wrench from the front of the burner.
3. Remove any elbows and tee off the bottom of the burner to ensure easier removal of the burner.
4. Remove the fryer back.
5. Some vats require the removal of actuators.
6. Remove the screws attaching the flue cap to the brace.
7. Remove the top cross brace in the back.
8. Remove the flue by removing the two screws in the rear and one screw in the front of the flue.
9. Remove all the screws on the flue collector and bend back the tabs and remove the collector.
10. Remove four screws on the collector insulation plate (see Figure 2).
11. Remove the four nuts and cover of the lower insulation retaining cover (see Figure 3).

Subject: 8263882 30lb Ceramic to Metal Fiber Burner Conversion Kit Instructions

Models affected: 30lb Gas Fryers - LOV (BIGLA, BIGLA30-T), Manual LOV (BIGL), OCF (FPGL) and FilterQuick (FQG30, FQG30-T) Gas Fryers

12/03/2025

In This Kit

Part #	Description	Qty
130002061	ASM, BURNER W/RESTRICTOR LH BEKAERT	1
130002062	ASM, BURNER W/RESTRICTOR RH BEKAERT	1
8160837	INSULATION, GL30 FV LOWER REAR	1
130000421	INSULATION, GL30 DV LOWER REAR	1
8160900	INSULATION, BURNER TEXTILE	3
8090500	SCREW, 410 SS #10X1/2 HEX WSHR HD	4
8090417	NUT, FLANGE 1/4-20 SERRATED	4
8198082	INSTRUCTIONS	1



Figure 1

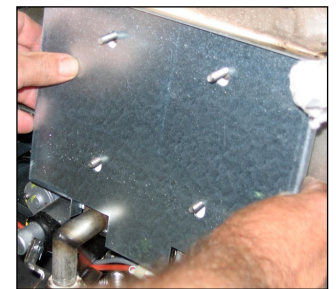


Figure 2



Figure 3

12. Carefully remove the insulation being careful not to damage it.
13. Grasp the burner firmly and slide the burner out the rear of the fryer. Pull it toward you until it clears the burner channels, taking care not to damage the ceramic tiles in the process.
14. Clean all debris from the burner channels and combustion area.
15. Inspect the upper and lower burner rails for cracked or burned-out welds.
 - a. If the welds in the lower rail are cracked or burned out, the frypot must be replaced.
 - b. If the welds in the upper rail are cracked or burned-out, the upper rail must be replaced.
16. Visually inspect the opening of the burner to ensure a restrictor is in place before proceeding (see Figure 4).
17. Wrap a new insulating strip along the top, rear, and bottom edge of the new burner.
18. Carefully slide the replacement burner into the rails starting at the top and lifting slightly up on the bottom (see Figure 5). Ensure that the insulation is not torn or damaged.
19. In reverse order reassemble insulation (use the included rear insulation) and holding plates.
20. Install flue collector.
21. Install the flue.
22. Install the cross brace ensuring the flue cap is secured to the brace.
23. Replace the fryer back.
24. Reattach any elbows, gas-line and enrichment tubes to the front of the burner.
25. Fill the frypot with oil. Turn the fryer on, bypass the melt cycle, and operate the unit for at least 10 minutes.
26. Visually examine the burner flame. The color and intensity on both sides should be the same.
27. Use an inspection mirror to check for leaks in areas that cannot be directly observed.
28. If a leak is detected, tighten all the lower insulation retainer nuts, allow the frypot to run for five additional minutes, and repeat steps 25 and 26.
29. If the leak persists, use a rubber hammer and a small block of wood to tap the corners of the lower combustion chamber insulation retainers. Repeat steps 25 through 27. **Repeat this step until no leakage is detected.**

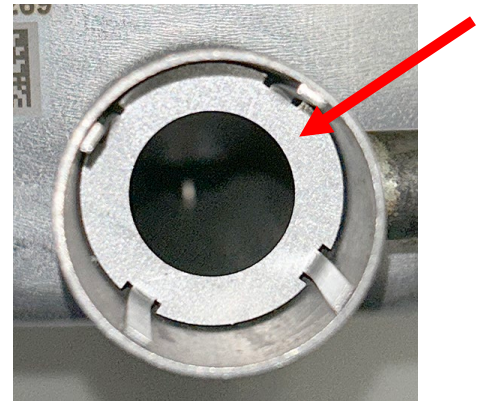


Figure 4

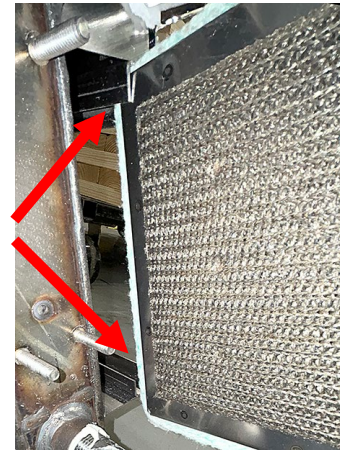


Figure 5