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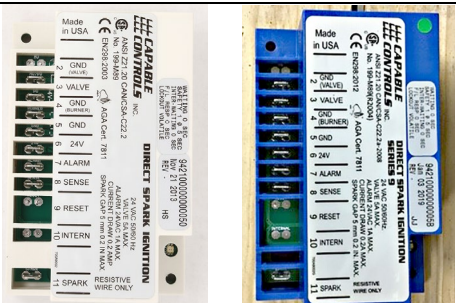
Frymaster®

Service Bulletin

This service bulletin cancels and replaces SB21-05.

Subject: Fenwal Module Replacement Kits

Models: LOV (BIGL, BIGLA, BIGLA-T), FilterQuick (FQG30, FQG30-T), OCF (FPGL), H50/52/55 Gas Fryers EXCEPT FOR FRYERS IN AUSTRALIA
01/10/2024

Honeywell and Capable Control ignition modules have been **discontinued.** The ignition module conversion replacement kits contain Fenwal ignition modules (see Figure 1). The Fenwal module is a single-spark module. Two modules are required for each frypot (one for each side of a split vat).

Fenwal 8075949 Ignition Module **Figure 1**	**McDonald's LOV (BIGL30, BIGLA30, BIGLA30 Touch) Fryers;** **Serial Numbers 1806 to Present** **FilterQuick (FQG30, FQG30 Touch) Fryers;** **Serial Numbers 1806 to Present** **OCF (FPGLx30) Fryers** **Serial Numbers 1806 to Present**

PART #	8075949

NOTE: The replacement module is 8075949 (which is a one [1] module for one [1] module replacement).

8075691/8075872 Capable Control Ignition Modules **Figure 2**	**McDonald's LOV (BIGL30, BIGLA30, BIGLA30 Touch) Fryers;** **Serial Numbers prior to 1801** **FilterQuick (FQG30, FQG30 Touch) Fryers;** **Serial Numbers prior to 1801** **OCF (FPGLx30) Fryers** **Serial Numbers 1501-1812**

ORIGINAL PART #'s	REPLACEMENT KIT PART #
8075691 or 8075872	8263446

NOTE: The replacement kit will **ONLY** require the 8263446 kit, (which is a one [1] module for one [1] module replacement). **TWO (2) kits are needed to convert a Full Vat fryer.**
NOTE 2: All 30lb low volume fryers (LOV, OCF, FilterQuick) that were **NOT** manufactured with Fenwal Modules, mid-2018 and older, **will require current software** after upgrading to Fenwal modules, to avoid an immediate nuisance "HEAT FAILURE" alarm, when the unit calls for heat. If software is not available, the yellow alarm wires can be disconnected to disable the alarm circuit, until software can be updated.

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8073366 Honeywell Dual Spark Ignition Module **Figure 3**	**OCF (FPGLx30) Fryers** **Serial Numbers prior to 1501**	
	ORIGINAL PART #	**REPLACEMENT KIT PART #**
	8073366	8263668

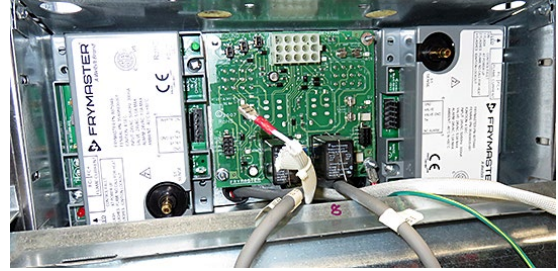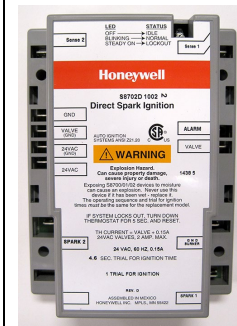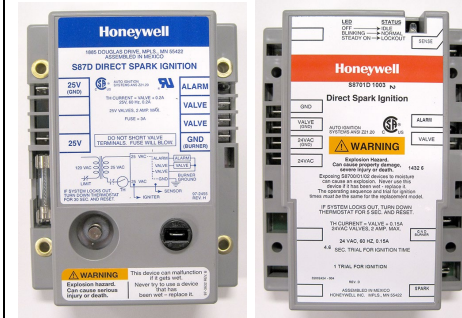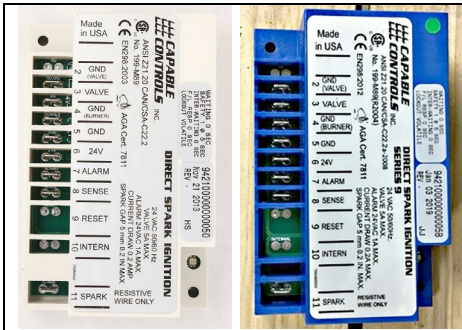|	
NOTE: The replacement kit contains **two (2)** modules. The blower relay must be relocated to an open spot in the control box. The modules will mount in the component box on either side of the interface board (see Figure 4).	 **Figure 4**

NOTE: All OCF 30lb low volume fryers, that were **NOT** manufactured with Fenwal Modules, mid-2018 and older, **will require current software** after upgrading to Fenwal modules, to avoid an immediate nuisance "HEAT FAILURE" alarm, when the unit calls for heat. If software is not available, the yellow alarm wires can be disconnected to disable the alarm circuit, until software can be updated.

H50/52/55 (FMHx5x, FPHx5x, MJHx5x, PHx5x, FMPHx5x, FPPHx5x, BIPHx5x) **Fryers**
Serial Numbers prior to 2106
except CE units manufactured with GEVIG boards (see Figure 5),

ORIGINAL PART # 's	REPLACEMENT KIT PART # 's
8263271	8263668 **Full Vat**
8075691	(Replaces both modules for one complete full vat)
8075872	
8071006	8263669 **Dual Vat**
8073365	(Replaces both modules for one complete dual vat)
8073366	

Capable Control 8075691, 8075872
Honeywell 8071006 8073365 &
8073366 Ignition Modules

NOTE: The replacement kits contains **two (2)** modules. The kits include a time delay relay and harnesses. The modules will mount in the component box on either side of the interface board (see Figure 4).
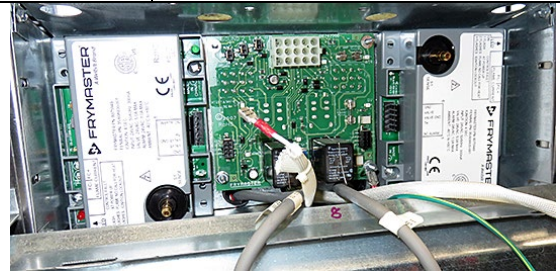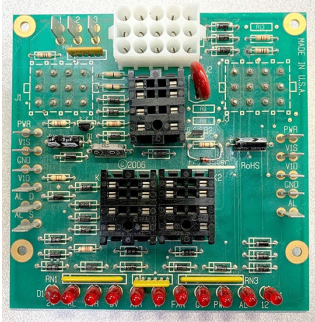

Figure 4

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GEVEG Interface Board
Figure 5

Capable Control 8075691, 8075872 Ignition Modules

ALL H50/52/55 fryers manufactured WITH GEVIG boards AND Capable Control Modules (see Figure 5) (FMHx5x, FPHx5x, MJHx5x, PHx5x, FMPHx5x, FPPHx5x, BIPHx5x) Fryers	
ORIGINAL PART # 's	REPLACEMENT KIT PART #
8075691 8075872	8263686 See **NOTE** below.

NOTE: The replacement kit will require a kit 8263686 for **EACH** Capable Control Module replaced.

NOTE: Once the module(s) are replaced, allow the fryers to start heating up and check the microamps when calling for heat. The DC microamp output for flame proofing is 0.7μA to 2.4μA; 1.3μA to 1.8μA is a good range.
Lockout is 0.5μA.

********NOTE: Some kits ship without instructions and have a label with a QR (Quick Response) code (see Figures 6 & 7) on the side of the kit box that can be scanned with most Smart Phone cameras. These access a webpage with the instructions.
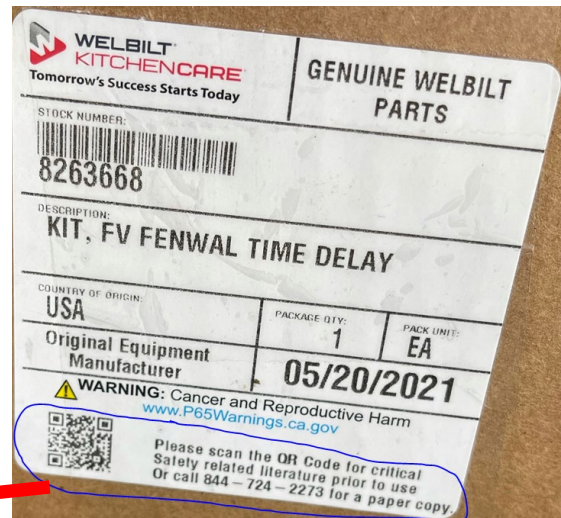

Figure 7

Please scan the QR Code for critical Safety related literature prior to use Or call 844 – 724 – 2273 for a paper copy.

Figure 6 QR Code to access kit instructions