

## Service Bulletin

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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

FilterQuick (FQG30, FQG30 Touch) Fryers; Serial Numbers 1806 to Present

**BIGLA30 Touch) Fryers;** 

OCF (FPGLx30) Fryers
Serial Numbers 1806 to Present

McDonald's LOV (BIGL30, BIGLA30,

Serial Numbers 1806 to Present

PART # 8075949

Figure 1

**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.



	SENSE 2 STEADY ON — LOCKBUT SENSE 1
	Honeywell
	S8702D1002 N ) Direct Spark Ignition
-	MANY A. ANTHONOUS C. C. ALARM
	WARNING WALVE
	Explain Mazard.  Can cause properly demays.  Exposing SENDON-102 devices to ministure can cause are explained. Privary use this fever if has been well implained from the can cause are explained. Privary use this gives if it has been well implained from the can cause of the replacement mode.
-	IF SYSTEM LOCKS OUT TURN DOWN THERMOSTAT FOR SISCE AND RESET.
	TH CURRENT = VALVE = 0.15A 2FARC VALVES, 2 AMP MAX.  SPARK 2 2NVEC 40 HZ 0.15A 0.000 0.000
	4.6 SEC. TRIAL FOR IGNITION TIME
0	1 TRIAL FOR IGNITION
	20004914-005 REV. A ASSEMILED IN MISCOD HOMEYMILL INC. MY 15422 MARK 1 300104 RK

## 8073366

Honeywell Dual Spark Ignition Module

## Figure 3

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).

OCF (FPGLx30) Fryers	
<b>Serial Numbers prior</b>	to 1501

ORIGINAL PART # **REPLACEMENT KIT PART #** 8073366

8263668



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.

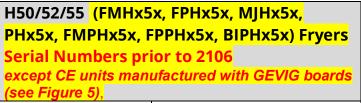






Capable Control 8075691, 8075872 Honeywell 8071006 8073365 & 8073366 Ignition Modules

**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).



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



Figure 4



GEVEG Interface Board Figure 5

Made in USA	D % § §	#					90 € ##	-
GND	SI Z21.2 199-Ma 298-200	APAL				EN298:2	APAL ONTE	
VALVE	CANIC		NI SAN		ω V/	LIVE IS	DLE STE	THE STATE OF
GND	SA-C22	ç.	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ma	** (BL		- 2 31	001100 00100 00100 00100
24V	.2 en. 7811	E 55				Cen 7	SERI 24-2008	80
SENSE	SP.C.		270			W ()		942100 Jan 03
RESET	24 VA VALVA ALARM 2 URRIENT JRK GAP		~8	10	01 -	NSE ARRIVIT	ARK WAC 508 VE SAM	2019
INTERN	E SA MA AVAC 14 DRAW 0	SK 16		i e	6 -	- 1 N	IEVII	058
	MAX 2 AMP 1N MAO	II (	)		1	Z N WX	2	
	GND (MALVE) GND GUPNERS GND 24V ALARM SENSE	IN USA A RESIZE 21 30 CANUS SA CZZZ 2  ALA  GRID  GRID	IN USA EL MASI EL 120 CANCSA-CZZZ  AMSI EL 120 CANCSA-CZZZ  ALARIM  GND  GND  GND  GND  GND  GND  GND  GN	IN USAN CONTROL OF THE PROPERTY OF THE PROPERT	LIGATION DISCOURTS OF THE PROPERTY OF THE PROP	MODEL TO THE PROPERTY OF THE P	MODES   Company   Compan	ALGANAME SERVICES OF STATE OF

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

DIPHX3X) Fryers	
ORIGINAL PART # 's	REPLACEMENT KIT PART #
8075691	8263686
8075872	See <b>NOTE</b> 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 Salety related literature prior to use Or call 844 – 724 – 2273 for a paper copy.



Figure 6 QR Code to access kit instructions

