



# Service Bulletin

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**Bulletin 2004-18-ABDE**

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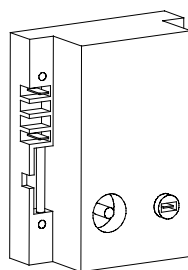
**Date: 04/15/2004**

## **SUBJECT: Use of Ignition Modules 807-3365 and 807-3366 and Interface Board 106-0386**

**This bulletin cancels and replaces Service Bulletin 2003-13-ABDE. Remove bulletin 2003-13-ABDE from your active files.**

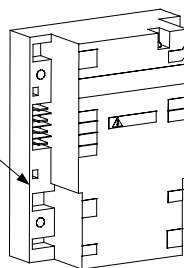
In early 2001, Frymaster began using new ignition modules in place of P/N 807-1006 modules in some H50 and H52 fryers. In dual vat units, two P/N 807-3365 modules are used in place of the 807-1006 modules. In full vat units, one P/N 807-3366 module is used to replace **both** 807-1006 modules. That is, only one of the new modules (in the right position) is required in a full vat unit. The second (left) module has been removed. Since the initial introduction, use of the 807-3366 module has been expanded to some flat bottom fryers and rethermalizers (FB18, FBR/FBRA18, and FBCR/FBKR18) and to some GSMS series cookers. The modules are used in both CE and non-CE applications.

The newer modules are similar in appearance to the original ignition module (P/N 807-1006) and use the same mounting holes, but there are functional and physical differences. The new module requires 2.5-3.5  $\mu$ A to prevent ignition failure lockout. Physically, the new modules do not have a fuse on the left side. Because the new modules have no fuse, a new interface board (P/N 106-0386) with a fuse in the 24-VAC circuit was created. Also, a new ignition cable (807-3367) was created to accommodate the spade-type terminals on the new modules.



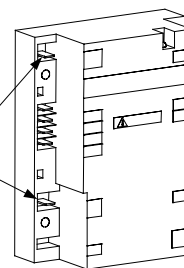
Standard Honeywell  
4-Second Module  
807-1006

Note absence of  
fuse on left side of  
module.



New Honeywell  
4-Second Dual Vat Module  
807-3365

Note second set of  
terminals on left  
side of full vat  
module.

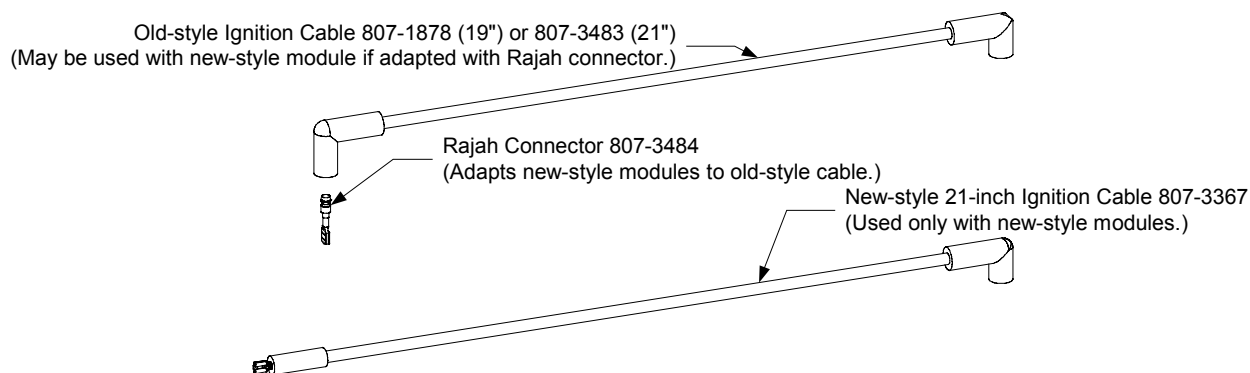


New Honeywell  
4-Second Full Vat Module  
807-3366

The new interface board (106-0386) will work in older fryers with no modifications.

If installing a new-style module (807-3365 or 807-3366) in a fryer having an old-style interface board, an in-line 2-amp fast-acting fuse should be inserted into the power supply wiring between the interface board PWR terminal and the module 24VAC terminal. In-line Fuse Holder P/N 106-0531SP and fuse P/N 807-3843 should be used.

The new modules also have ¼-inch spade-type terminals for the ignition cable connection(s) instead of the round stud-type terminal found on the 807-1006 module. A Rajah connector must be installed to adapt an old-style ignition cable to the new modules.



The table below identifies the new components and their list prices:

Component	Part Number	List Price (\$US)
Module, Dual Vat (serves 1 ignitor)	807-3365	127.00
Module, Full Vat (serves 2 ignitors)	807-3366	176.00
Interface Board w/24VAC fuse (replaces 806-3398)	106-0386	126.00
Fuse for Interface Board	807-3843	2.00
Inline Fuse Holder	106-0531SP	16.00
Fuse for Inline Fuse Holder (Pkg of 10)	826-1393	4.00
Ignition Cable	807-3367	12.00
Rajah Connector	807-3484	2.00
Kit, Ign. Cable (2 807-3483 cables, 2 807-3484 connectors)	826-1721	20.00