



# Service Bulletin

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**Bulletin 2006-19-ABDE**

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**Date: 09/15/2006**

## **SUBJECT: Required Computer Harness and SMT Technology**

In August 2006, Frymaster and Dean began using Surface Mount Technology (SMT) in limited production on Frymaster electric and Dean interface boards and in CM3.5 computers. The original boards and computers are still shipping on service orders. The plug on the back of the SMT computer is new (see Figure 1). The original computer and SMT computer interface harnesses are not interchangeable (see Figure 2). The original harness has white 15-pin Molex plugs on each end. The SMT harness has a standard white 15-pin Molex plug on one end and a black 20-pin micro amp plug on the other end.



**Figure 1:** An SMT 20-pin microamp plug on the rear of a computer.



**Figure 2:** Original harness (806-2071) on the left and new SMT harness (807-4199) on the right.

A service call that involves a computer, especially on a new fryer, will require a standard harness (806-2071) in case a computer replacement is necessary.

Frymaster needs each agency to inventory all computers in stock. Then, fax an order for a standard harness (806-2071) for each computer, separate from other parts orders, to Frymaster at 318-688-2200 and reference this bulletin. These harnesses will be sent at no charge.

Frymaster L.L.C., 8700 Line Avenue, P.O. Box 51000, Shreveport, LA 71135-1000

Shipping Address: 8700 Line Avenue, Shreveport, LA ZIP 71106

TEL 318-865-1711

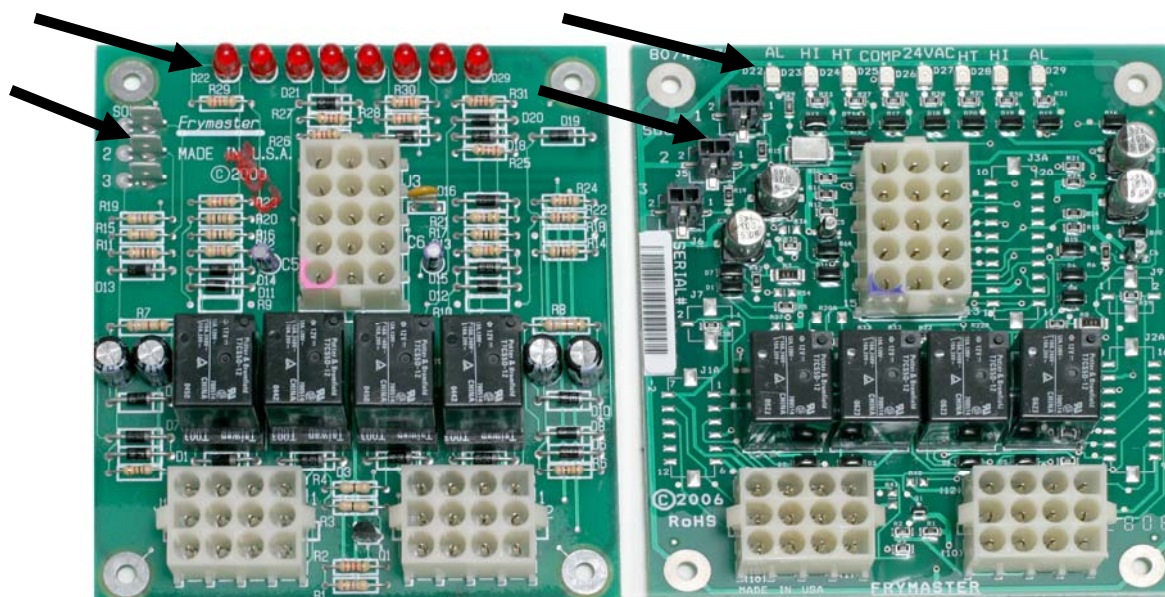
FAX 318-219-7135

24-Hour SERVICE HOTLINE 800-551-8633

WebSite - <http://www.frymaster.com/general.asp?article=servicehome.xml>

E-mail - [service@frymaster.com](mailto:service@frymaster.com)

The original interface board is interchangeable with the new SMT board. The new SMT boards are identified by the absence of red LED's (see Figure 3). The plugs are the same with the exception of the sound plug, which has been replaced with a 2-pin micro amp connector. If replacement of an SMT interface board is necessary, the sound harness wires must be reterminalized with a ring terminal on the black lead and a 1/4-inch female push-on terminal on the red lead.



**Figure 3:** A original through mount RE series interface board shown on the left with the new SMT board shown on the right. Changes are noted by arrows.

Frymaster will ship the original interface boards and computers on service orders until supplies are exhausted. The components will ship in kits with harnesses and connectors to fit old and new style fryers.