



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

**SB96-0006R**

**Revised May 1, 2001**

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**Subject: TIMER BOARD INSTRUCTIONS FOR FLAKER AND SMALL  
DCM  
SERIES**

**\*\*Note:** This is a revised version of service bulletin SB96-0006\*\*

It has come to our attention that there was an error in the part numbers listed on the original Service Bulletin. Please replace all copies of SB96-0006 with this revised version.

Part number 437305-01 will no longer sub to part number 437305-02.

The following models will be affected:

F-251U, F-250BAA, F-250BAE, F-300BAF	
F-441U, F-440BAA, F-450BAB, F-450B_E, 500B_F	F-
F-450M_F (ALL), F-450M_H (ALL)	
F-650M_E, F-800M_F (ALL) F-800M_H (ALL)	
F-1000M_B, F-1000M_E (ALL), F-1000M_F (ALL), F-1001M_F (ALL), F-1001M_H (ALL)	
F-1101A, F-1100M	
F-2000M_B (ALL), F-2000M_E (ALL) F-2000M_F (ALL), F-2000M_H (ALL)	
DCM-231, DCM-241, DCM-240BAA/BAB/BAE/BAF DCM-270BAH	

Note: Page two of this bulletin serves as the application instructions shipped with timer boards part numbers 437305-01 and 437305-02. If you have either of these part numbers in stock please replace the existing instructions with this corrected version.



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## **TIMER BOARD REPLACEMENT INSTRUCTIONS FOR FLAKER AND DCM**

These instructions apply to part number 437305-01 or 437305-02. (*However these boards are not interchangeable.*) A jumper wire may need to be added to terminals 5 & 6 and/or 10 & 11 when replacing the timer board on certain models. Locate your model on this chart and follow the appropriate instruction number listed.

Model	Instruction
F-450M, F-650M, F-800M, F-1000M F-1001M, F-2000M	1
F-250BAA, F-251U, F-1100M, DCM-231U, DCM-240BAA/BAB/BAE	2
F-1101A	3
F-250BAE, F-300BAF, F-450BAE, F-500BAF, DCM-240BAF, DCM-270BAH	4
F-440BAA, F-441U, F-450B	5

### **INSTRUCTIONS:**

1. Direct replacement. Connect all terminals and jumpers same as original.
2. \* A jumper wire must be in place across terminals 5 & 6 and one jumper wire across terminals 10 & 11. Connect all other terminals same as original.
3. \* A jumper wire must be in place across terminals 10 & 11. Connect all other terminals same as original.
4. \* A jumper wire must be in place across terminals 5 & 6. Terminals 10 & 11 will be connected to the gear motor protect circuit. Connect all other terminals same as original.
5. \* A jumper wire must be in place across terminals 5 & 6. Terminals 10 & 11 will be connected through the pressure switch and gear motor protect circuit. Connect all other terminals same as original.

Note:

- A. Use jumpers from original board if available. If not available, make additional jumpers 2" long with spade connectors on each end.
- B. Review wiring diagram before start-up to verify original connections.
- C. When the bin control circuit is connected to terminals 3 & 4, the unit will cycle down on a timed sequence. When the bin control is connected to terminals 5 & 6, the unit will shut down within 6 seconds.
- D. Terminals 7,8 and 9 of the new board may have no connections