



**TECHNICAL BULLETIN**  
Bulletin Number TB20061030-R2

October 30, 2006  
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Product: Ishida OMNi-4000 Automatic Wrapper

Issue: Troubleshooting Blown Fuses

Contents: Expanded Error Code List and Symptoms

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This bulletin is intended to assist technicians in quickly locating and replacing blown fuses and minimizing customer down time. The tables on the following pages contain error numbers, error messages, and detailed descriptions of symptoms caused when various fuses blow.

This document should be used as a starting point for most wrapper problems. Only after fuses have been eliminated as the cause of a problem should other troubleshooting commence.

**NOTE**

**Remove fuses from holders when checking continuity.  
Alternate circuit paths may give incorrect resistance readings.**

**Rear Fuse Panel**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F11, F12	250V, 4A	3AG	Exit Heater	None	None	No heat at package seal heater. No lamp on temp control dial.
F13, F14	250V, 8A	3AG	Control Unit	None	None	Wrapper is dead. Single beep from wrapper at power up. Lamp on temp control dial and red status LEDs on sensors are lit.
F15, F16	250V, 3A	3AG	Power Supply	0409-0000	"There was no response from wrapper"	No 24VDC from wrapper power supply. No red status LEDs on sensors. Press [OK] → error 0322-0000, press [RETURN] → error 0608-0000, "Operation of the Applicator stopped". Servo code number: 39.
F17, F18	250V, 3A	3AG	AC Servo Motor	0472-0257	"The problem arose in the wrapper"	Too many beeps (error warning) from wrapper at power up. Cannot clear error message. Red status LEDs on sensors are lit.
F21, F22, F23	250V, 4A	3AG	P-858A and P-858C	0471-0000	"The problem arose in the wrapper"	Cannot clear error message.
F24, F25	250V, 1A	3AG	P-858B	0423-0000	"The lift change motor error"	Package infeeds, rear film belt moves, printer moves, then error message. Can Roll Set and Film Feed both sides. Press [RETURN] → same error message.
F26	250V, 1A	3AG	P-858B	None	None	No discharge conveyor operation.
F27, F29	250V, 4A	3AG	AC Servo Motor	0471-0000	"The problem arose in the wrapper"	Cannot clear error message.
F28	250V, 4A	3AG	AC Servo Motor	None	None	No misoperation.
F2A, F2B	250V, 3A	3AG	Discharge Pusher Motor	0417-0000	"The outfeed pusher motor error"	Partial wrap cycle – stops at discharge pusher. Right/Left wrap plates stop at center position.
F2C, F2D	250V, 8A	3AG	Labeling Unit	0615-0000	"Abnormal error in the applicator operate"	Applicator does not move. Press [RETURN] → same error message.

- NOTES:**
1. Under normal conditions error message 0322-0000 is displayed after initial power-up self-check sequence is completed.
  2. No power is passed through the Safety contactor to fuses F21~F2D if any door is open or the E. Stop button is pressed.

**Film Roll Heater Control Panel (Below Rear Fuse Panel)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1, F2	250V, 8A	3AG	Film Roll Heater	None	None	No heat in film roll area.

**P-857 Wrapper CPU Board (Left side)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	3A	5x20	24 volts DC	0409-0000	"There was no response from wrapper"	Press [OK] → error 0322-0000, press [RETURN] → no error. "Printer Door Is Open" message, operates as manual scale/printer. No wrapper operation. Red status LEDs on sensors are lit.
F2	1A		5 volts DC			

**P-858"A" Wrapper control board (Left side)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	7A	5x20	24 volts DC	0472-0033	"The problem arose in the wrapper"	Abnormal beeps at power up. Cannot clear error message.
F2	1A		5 volts DC			
F3, F4	250V, 5A	5x20	200 volts AC	0471-0000	"The problem arose in the wrapper"	Cannot clear error message.

**P-858"B" Wrapper control board (Right side)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	7A	5x20	24 volts DC	0472-0034	"The problem arose in the wrapper"	Abnormal beeps at power up. Cannot clear error message.
F2	1A		5 volts DC			
F3	250V, 5A	5x20	200 volts AC	0423-0000	"The lift change motor error"	Package infeeds, rear film belt moves, printer moves, then error message. Can Roll Set and Film Feed both sides. Press [RETURN] → same error message.
F4	250V, 5A	5x20	200 volts AC	None	None	No discharge conveyor operation.

**P-858"C" Wrapper control board (Left side)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	7A	5x20	24 volts DC	0472-0035	"The problem arose in the wrapper"	Abnormal beeps at power up. Cannot clear error message.
F2	1A		5 volts DC			
F3	250V, 5A	5x20	200 volts AC	None	None	No Film Roll motor assist (Left or Right side).
F4	250V, 5A	5x20	200 volts AC	None	None	No misoperation.

**24V Power Supply (Lower, left side)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	250V, 12A	314 series 3AG Ceramic	Power Supply (SLS150PW)	0409-0000	"There was no response from wrapper"	No 24VDC from wrapper power supply. No red status LEDs on sensors. Press [OK] → error 0322-0000, press [RETURN] → error 0608-0000, "Operation of the Applicator stopped". Servo code number: 39.

**Power Supply (Right side of printer) [5V, 12V, 24V]**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	250V, 3.6A	5x20 Ceramic	Power Supply (2H113W)	None	None	Wrapper is dead. Single beep from wrapper at power up. Lamp on temp control dial and red status LEDs on sensors are lit.

**24V Power Supply (Above printer)**

Number	Rating	Type	Protection for:	Error Number	Error Name	Symptom
F1	250V, 3.6A	5x20 Ceramic	Power Supply (3H138W)	0615-0000	"Abnormal error in the applicator operate"	Applicator does not move. Press [RETURN] → same error message.