



**Henny Penny**  
**Multipurpose Holding Cabinet**  
**Model MP-941**  
**Model MP-942**  
**Model MP-943**  
**Model MP-944**

**TECHNICAL MANUAL**



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## SECTION 1. MAINTENANCE

### 1-1. INTRODUCTION

This section provides procedures for checking and replacement of the various parts used within the cabinet.

### 1-2. SAFETY

Where information is of particular importance or is safety related, the words NOTICE, CAUTION, or WARNING are used. Their usage is described below:



**SAFETY ALERT SYMBOL** is used with DANGER, WARNING, or CAUTION which indicates a personal injury type hazard.



**NOTICE** is used to highlight especially important information.



*CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.*



*CAUTION used with the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.*



**WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

### **1-3. TEST INSTRUMENTS**

You may use two test instruments to check the electrical components.

1. A continuity light.
2. An ohmmeter.

When the manual refers to the circuit being closed, the continuity light will be illuminated or the ohmmeter should read zero unless otherwise noted. When the manual refers to the circuit being open, the continuity will not illuminate or the ohmmeter will read one or infinite resistance.

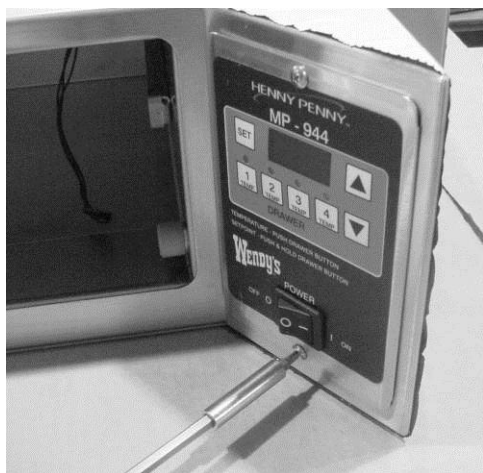
## **NOTICE**

An ohmmeter must be used to check coils.

### **1-4. ERROR CODES**

| <b>DISPLAY</b> | <b>CAUSE</b>                                           | <b>PANEL BOARD CORRECTION</b>                                                                                                                             |
|----------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| "E-4"          | Control board overheating                              | Turn switch to OFF position, then turn switch back to ON; if display shows "E-4", the control board is getting too hot; make sure unit is not overheating |
| "E-6"          | Faulty temperature probe                               | Check to see if unit is set to the correct number of drawers, ex: "MP-942=2" drawers (see Operation and Programming Section in Operator's Manual)         |
| "E-41"         | Memory scrambled                                       | Press and release the UP and DOWN buttons to initialize the program; if "E-41" persists replace the control board                                         |
| "Hi"           | Unit over-heating;<br>faulty relay or<br>control board | Have relay or control board replaced                                                                                                                      |

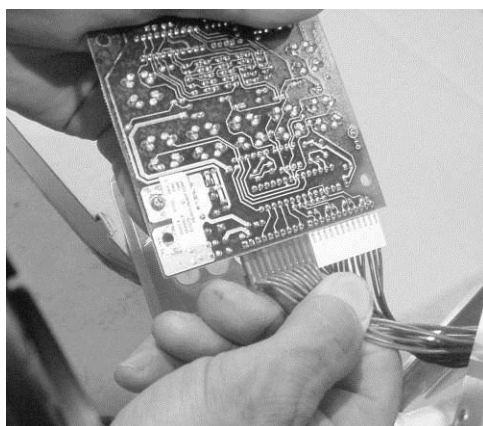
## **1-5. CONTROL BOARD**



**Figure 1-1**



**Figure 1-2**



**Figure 1-3**

1. Disconnect the electrical supply to the cabinet.



**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the two screws on the front of the control panel and pull control drawer out (Figure 1-1).
3. Using a 5/16" socket, remove nuts securing the board and remove board from the panel (Figure 1-2).
4. Remove the connectors from the control board (Figure 1-3).
5. Install new control board in reverse order.

## **NOTICE**

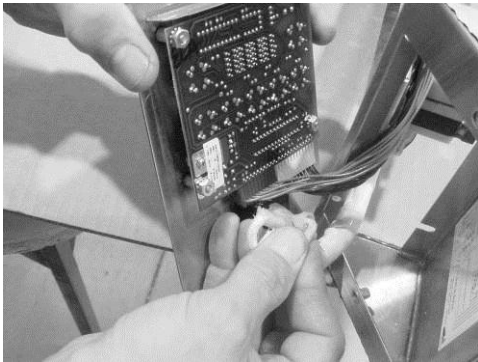
Do not over-tighten the nuts securing the control board, or the buttons on the controls may not function.

## **1-6. POWER SWITCH**

1. Disconnect the electrical supply to the cabinet.



**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

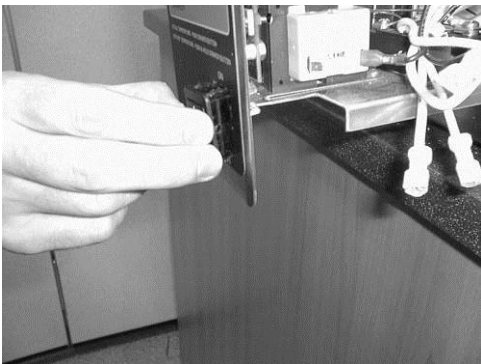


**Figure 1-4**

### **NOTICE**

Mark the wires when removing them from the switch to be sure the switch is rewired correctly.

3. Remove the wires from the switch (Figure 1-4). Check for continuity across the top and bottom terminals, on both left and right side of the switch. With the switch in the ON position, the circuit should be closed. With the switch in the OFF position, the circuit should be open. If the switch is defective, replace it by continuing with this section.
4. Squeeze the tabs on the back of the switch and pull the switch out from the front of the panel (Figure 1-5).
5. Install new POWER switch in reverse order.



**Figure 1-5**

## **1-7. TRANSFORMER**



**Figure 1-6**

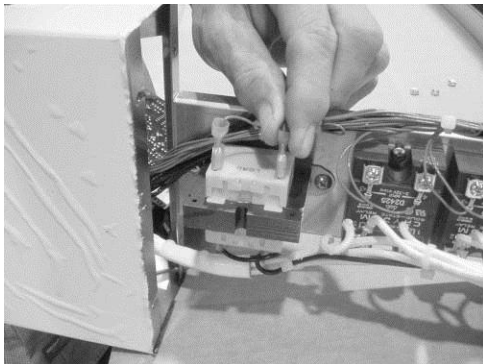


**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the two screws on the front of the control panel and pull control drawer out.

## **NOTICE**

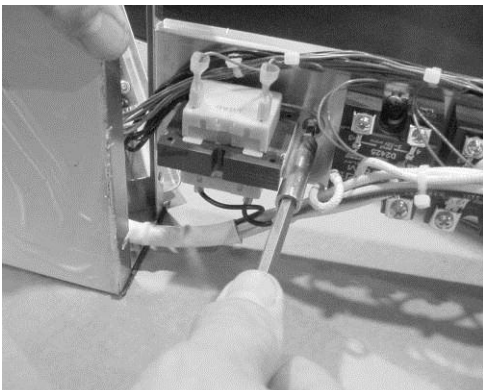
Before pulling the control panel out on the HC-944s, remove the four screws securing the control box (Figure 1-6).



**Figure 1-7**

3. Label wires and remove them from the transformer (Figure 1-7).

4. Using a Phillips head screwdriver, remove the two screws securing the transformer and remove the transformer (Figure 1-8).



**Figure 1-8**

5. Install the new transformer in reverse order.

## **1-8. RELAYS**



**Figure 1-9**

1. Disconnect the electrical supply to the cabinet.



**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the two screws on the front of the control panel and pull out the control panel.



Before pulling control panel out on HC-944s, remove four screws securing control box (Figure 1-9).

The front relay controls the heat of the left drawer, the back relay controls the right drawer, and the middle relays control the middle drawers.

### **Checkout:**

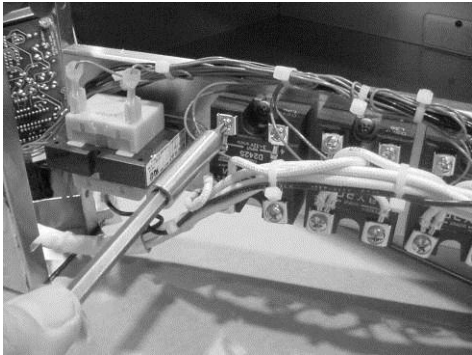
3. With no power (24 volts) going to the relay, 120 volts should show on the output side of the relay, and 0 volts on the input (24 volts).



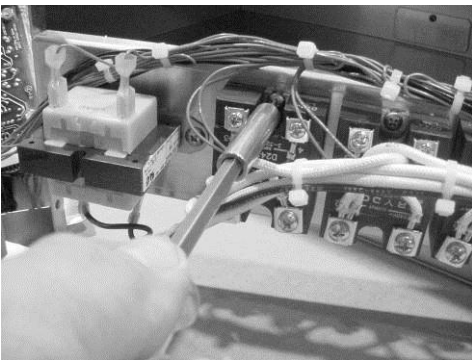
**To avoid electrical shock, make connections before applying power, take reading, and remove power before removing meter leads. The following checks are performed with the wall circuit breaker closed and the POWER switch in the ON position.**

4. With the component energized, 0 volts should show on the output side of the relay, and 12 volts on the input side.
5. If voltage varies from steps 3 and 4, remove power to unit pull input wires from relay and place leads of meter onto input wires. Reapply power to unit. When unit is running, if the input wires to relay shows 5vdc, the relay is faulty.

## **1-8. RELAYS (Continued)**



**Figure 1-10**



**Figure 1-11**

## **1-9. HEATING ELEMENTS**



**Figure 1-12**



**Figure 1-13**

### **Replacement:**

6. Remove power supplied to unit.
7. Label and remove wires from the appropriate relay (Figure 1-10).
8. Using a Phillips head screwdriver, remove the screws securing the relay and remove the relay from the unit (Figure 1-11).
9. Coat the back of the relay with the thermal joint compound and install new relay.



*Failure to use the thermal joint compound will shorten the life of the relay.*

10. Replace control panel and unit is now ready for use.

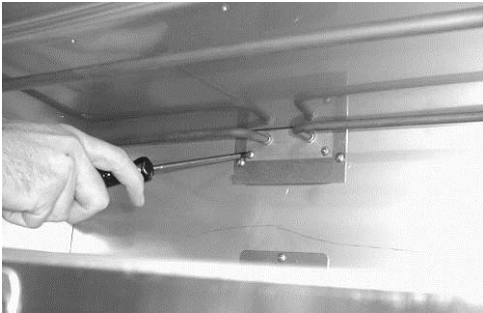
1. Disconnect the electrical supply to the cabinet.



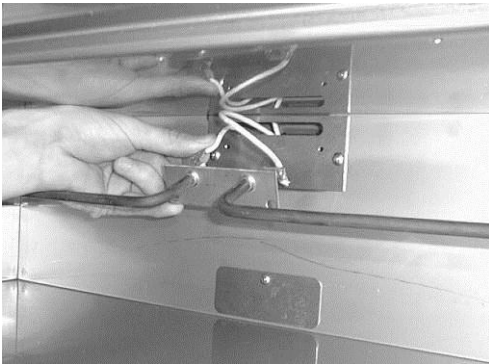
**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the drawer from the appropriate liner.
3. Using a 3/8" socket, remove the four acorn nuts securing the front of the bracket (Figure 1-12).
4. Using a Phillips head screwdriver, remove the six screws securing the bracket and remove the bracket (Figure 1-13).

### **1-9. HEATING ELEMENTS (Continued)**



**Figure 1-14**



**Figure 1-15**

5. Using a Phillips head screwdriver, remove the two screws securing the element to the back of the liner (Figure 1-14).
6. Pull the element out towards you until the terminals are exposed.
7. Pull the wires off of the terminals and remove element from the unit (Figure 1-15).

### **NOTICE**

To check the elements, they should show an ohm reading of 30 ohms, after the wires have been removed.

8. Install new element in reverse order.

### **1-10. TEMPERATURE PROBE**



**Figure 1-16**

1. Disconnect the electrical supply to the cabinet.



**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the appropriate drawer.
3. Using a flat blade screwdriver, pry the rubber strain relief from the liner (Figure 1-16).
4. Pull the probe wires out of the unit far enough to access the connector incased in a protective cover.
5. Cut the wire ties on the ends of cover and slide the protective cover up and out of the way.

### **1-10. TEMPERATURE PROBE** **(Continued)**

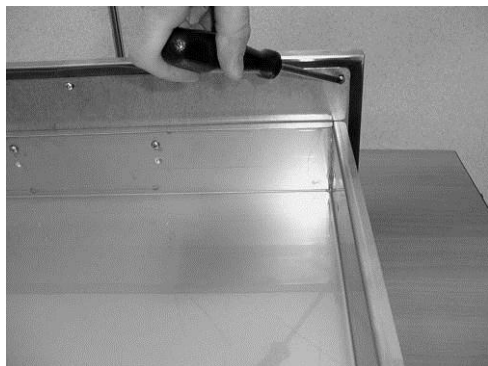


**Figure 1-17**

### **1-11. DRAWER GASKET**



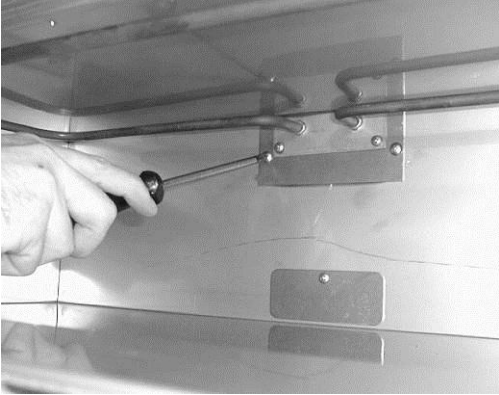
**Figure 1-18**



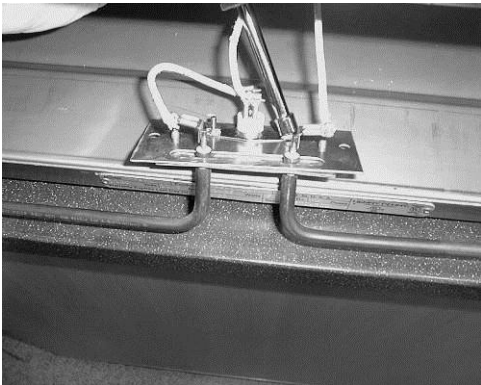
**Figure 1-19**

6. Disconnect the wires at the connector.
  7. Reconnect the new probe assembly to the unit and pull protective cover back over the connector, then secure with wire ties.
  8. Thread the wire back through the hole and push the strain relief back into the liner (Figure 1-17).
  9. Place drawer back into unit and the unit is now ready.
- 
1. Remove the drawer from the unit.
  2. Using a Phillips head screwdriver, remove the drawer handle by removing the two screws fastening the handle to the drawer (Figure 1-18).
  3. Using a Phillips head screwdriver, remove the six screws that secure the backing plate and gasket to the drawer front (Figure 1-19).
  4. Separate the drawer frame from the drawer front.
  5. Remove the gasket from the drawer front.
  6. Reassemble the drawer frame and drawer front in reverse order of disassembly. Make sure the two drawer-handle spacers, between the drawer front and backing plate, remain centered over the holes so that the handle screws pass through the spacers.

## **1-12. HIGH LIMIT (335° F)**



**Figure 1-20**



**Figure 1-21**

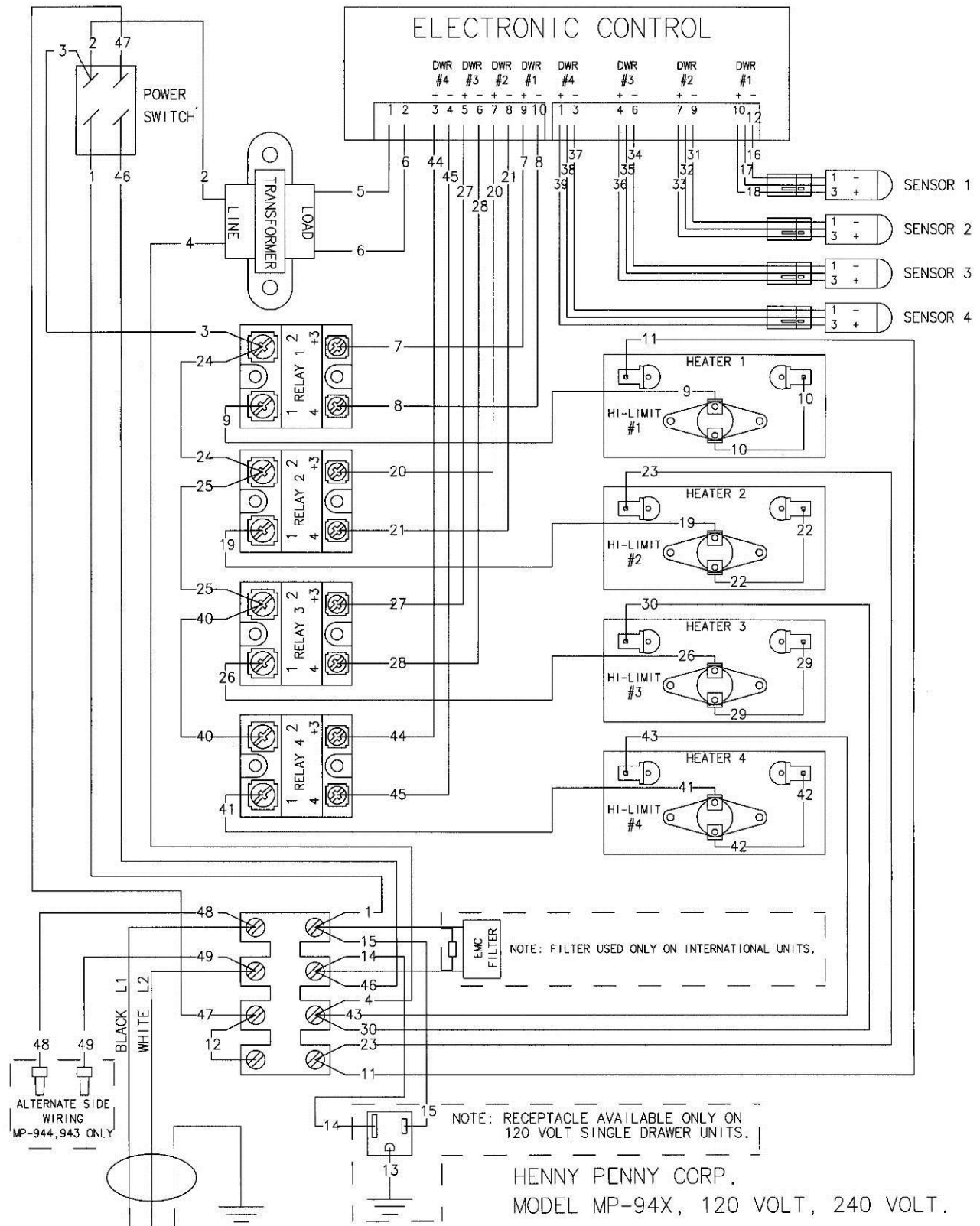
1. Disconnect the electrical supply to the cabinet.



**To avoid electrical shock or property damage, move the POWER switch to OFF and disconnect main circuit breaker, or unplug cord at wall receptacle.**

2. Remove the drawer from the appropriate liner.
3. Using a 3/8" socket, remove the four acorn nuts securing the front of the bracket (Figure 1-12).
4. Using a Phillips head screwdriver, remove the six screws securing the bracket and remove the bracket (Figure 1-13).
5. Using a Phillips head screwdriver, remove the two screws securing the plate to the back of the liner (Figure 1-20).
6. Pull the element out towards you until the terminals are exposed.
7. Label and pull the wires off of the terminals and high limit remove element from the unit.
8. Once the wires have been removed from the high limit, check for continuity across the terminals. The circuit should be closed if the high limit is good, if it shows open, continue on to step 9 and replace high limit.
9. Using a 5/16" socket, remove the nuts securing the high limit and remove the high limit from the unit (Figure 1-21).
10. Install new high limit in reverse order.

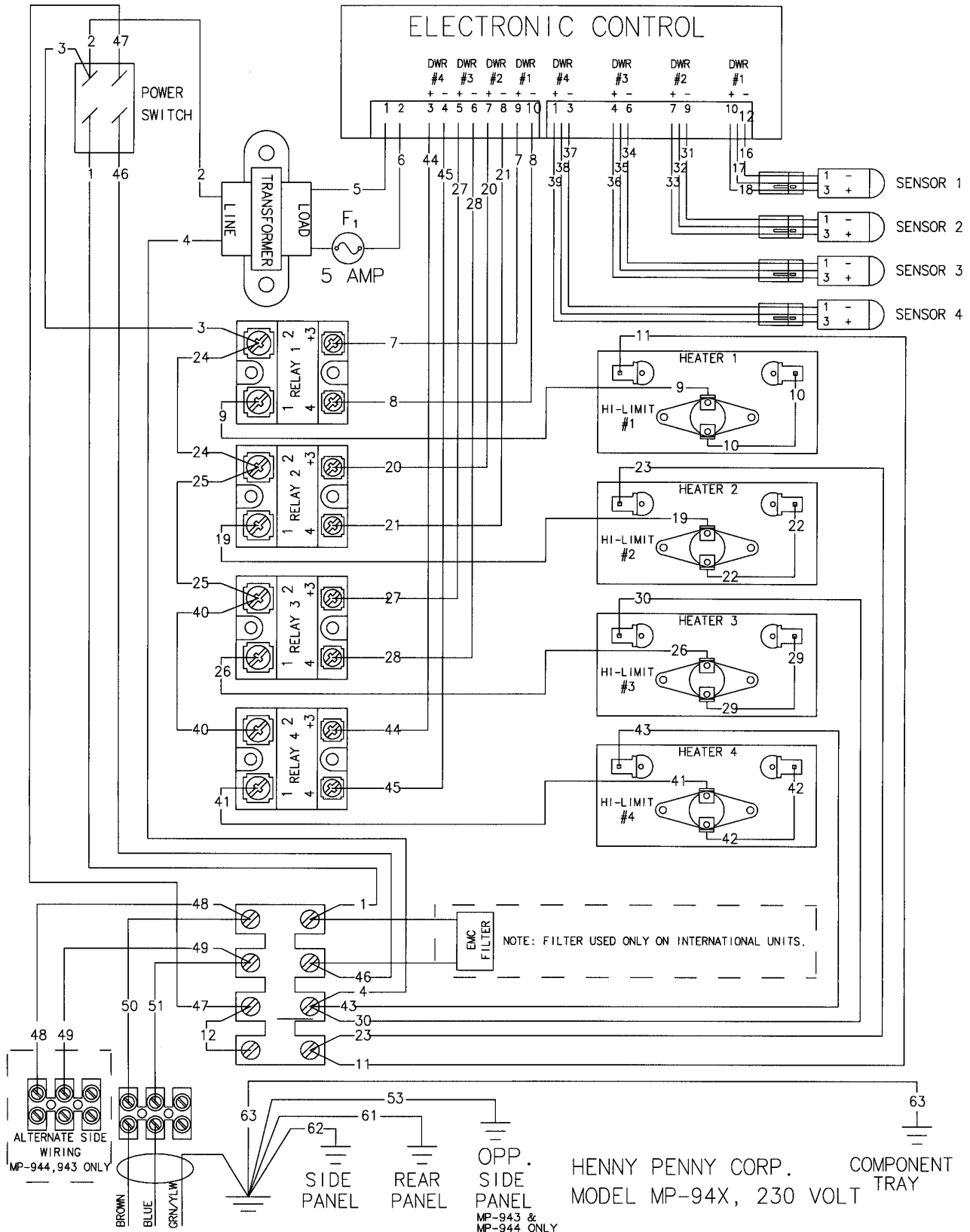
## 1-13. WIRING DIAGRAMS



NOTE: DIAGRAM SHOWN IS FOR THE MP-944. FOR MP-941, -942, -943, USE ONLY THE APPROP

54504

**1-13. WIRING DIAGRAMS (Continued)**





## **LIMITED WARRANTY FOR HENNY PENNY EQUIPMENT**

Subject to the following conditions, Henny Penny Corporation makes the following limited warranties to the original purchaser only for Henny Penny appliances and replacement parts:

**NEW EQUIPMENT:** Any part of a new appliance, except baskets, lamps, and fuses, which proves to be defective in material or workmanship within two (2) years from date of original installation, will be repaired or replaced without charge F.O.B. factory, Eaton, Ohio, or F.O.B. authorized distributor. Baskets will be repaired or replaced for ninety (90) days from date of original installation. Lamps and fuses are not covered under this Limited Warranty. To validate this warranty, the registration card for the appliance must be mailed to Henny Penny within ten (10) days after installation.

**FILTER SYSTEM:** Failure of any parts within a fryer filter system caused by the use of the non-OEM filters or other unapproved filters is not covered under this Limited Warranty.

**REPLACEMENT PARTS:** Any appliance replacement part, except lamps and fuses, which proves to be defective in material or workmanship within ninety (90) days from date of original installation will be repaired or replaced without charge F.O.B. factory, Eaton, Ohio, or F.O.B. authorized distributor.

The warranty for new equipment covers the repair or replacement of the defective part and includes labor charges and maximum mileage charges of 200 miles round trip for a period of one (1) year from the date of original installation.

The warranty for replacement parts covers only the repair or replacement of the defective part and does not include any labor charges for the removal and installation of any parts, travel, or other expenses incidental to the repair or replacement of a part.

**EXTENDED FRYPOT WARRANTY:** Henny Penny will replace any frypot that fails due to manufacturing or workmanship issues for a period of up to seven (7) years from date of manufacture. This warranty shall not cover any frypot that fails due to any misuse or abuse, such as heating of the frypot without shortening.

**0 TO 3 YEARS:** During this time, any frypot that fails due to manufacturing or workmanship issues will be replaced at no charge for parts, labor, or freight. Henny Penny will either install a new frypot at no cost or provide a new or reconditioned replacement fryer at no cost.

**3 TO 7 YEARS:** During this time, any frypot that fails due to manufacturing or workmanship issues will be replaced at no charge for the frypot only. Any freight charges and labor costs to install the new frypot as well as the cost of any other parts replaced, such as insulation, thermal sensors, high limits, fittings, and hardware, will be the responsibility of the owner.

Any claim must be presented to either Henny Penny or the distributor from whom the appliance was purchased. No allowance will be granted for repairs made by anyone else without Henny Penny's written consent. If damage occurs during shipping, notify the sender at once so that a claim may be filed.

THE ABOVE LIMITED WARRANTY SETS FORTH THE SOLE REMEDY AGAINST HENNY PENNY FOR ANY BREACH OF WARRANTY OR OTHER TERM. BUYER AGREES THAT NO OTHER REMEDY (INCLUDING CLAIMS FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES) SHALL BE AVAILABLE.

The above limited warranty does not apply (a) to damage resulting from accident, alteration, misuse, or abuse; (b) if the equipment's serial number is removed or defaced; or (c) for lamps and fuses. THE ABOVE LIMITED WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS, AND ALL OTHER WARRANTIES ARE EXCLUDED. HENNY PENNY NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY.

Revised 01/01/07

## **SECTION 2. PARTS INFORMATION**

### **2-1. INTRODUCTION**

This section identifies and lists the replaceable parts of the Henny Penny Multipurpose Holding Cabinets.

### **2-2. GENUINE PARTS**

Use only genuine Henny Penny parts in your cabinet. Using a part of lesser quality or substitute design may result in cabinet damage or personal injury.

### **2-3. HOW TO ORDER**

Once the part you want to order has been found in the Parts List, write down the following information:

1. From the Parts List:

(Sample)

|             |                        |
|-------------|------------------------|
| Item Number | <u>1</u>               |
| Part Number | <u>51718</u>           |
| Description | <u>Gasket – Drawer</u> |

2. From the data plate:

(Sample)

|                |              |
|----------------|--------------|
| Product Number | <u>05882</u> |
| Serial Number  | <u>0001</u>  |
| Voltage        | <u>120V</u>  |

### **2-4. PRICES**

Your independent Henny Penny distributor has a price parts list and will be glad to inform you of the cost of your parts order.

### **2-5. DELIVERY**

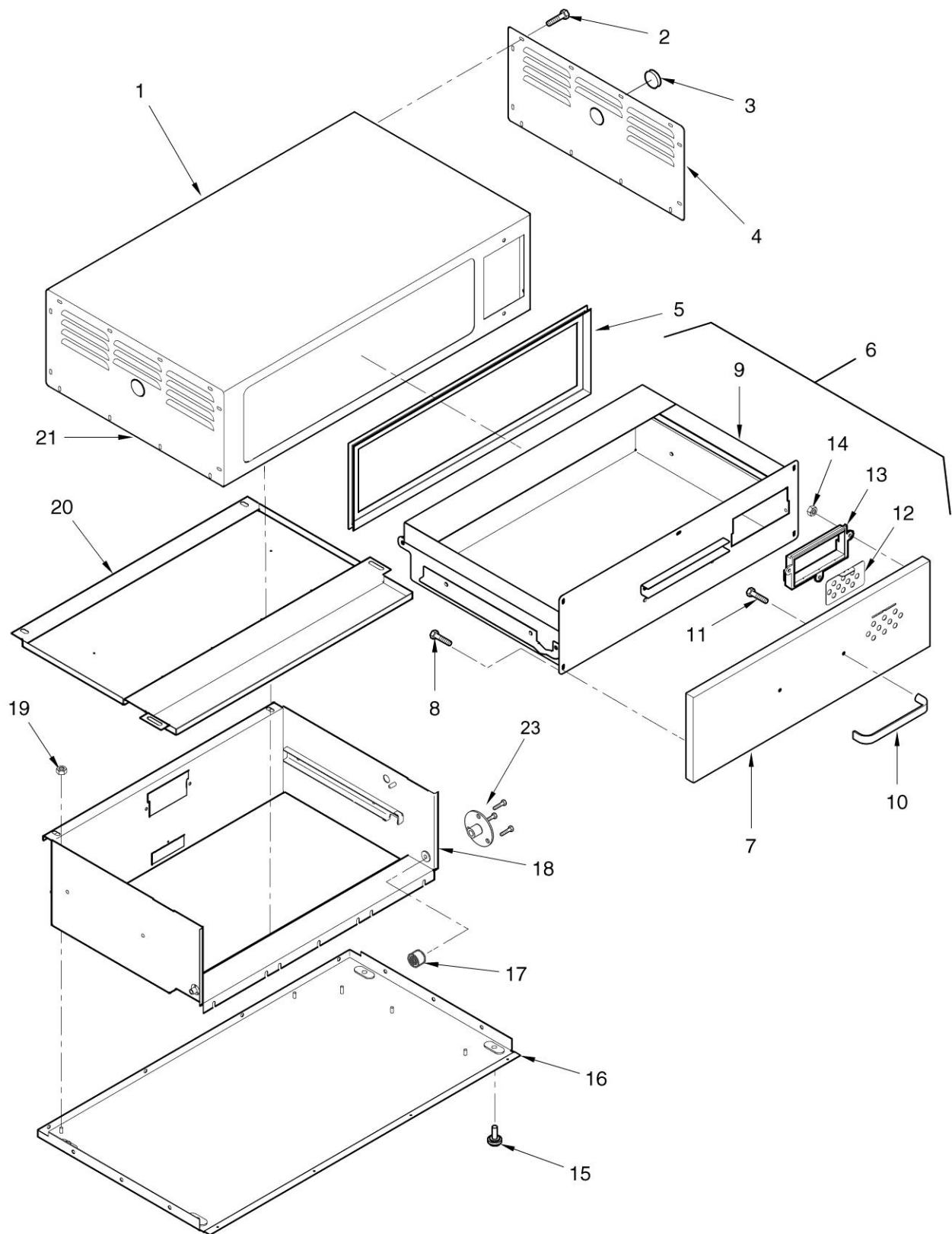
Commonly replaced items are stocked by your independent Henny Penny distributor and will be sent out when your order is received. Other parts will be ordered by the distributor from Henny Penny Corporation. Normally, these will be sent to your distributor within three working days.

### **2-6. WARRANTY**

All replacement parts (except lamps and fuses) are covered under warranty for 90 days against manufacturing defects and workmanship. If damage occurs during shipping, notify the carrier at once so that a claim may be properly filed. Refer to warranty on the front of this section for other rights and limitations.

### **2.7. RECOMMENDED SPARE PARTS FOR DISTRIBUTORS**

Recommended replacement parts, stocked by your distributor, are indicated with √ in the parts lists. Please use care when ordering recommended parts, because all voltages and variations are marked. Distributors should order parts based upon common voltages and equipment sold in their territory.

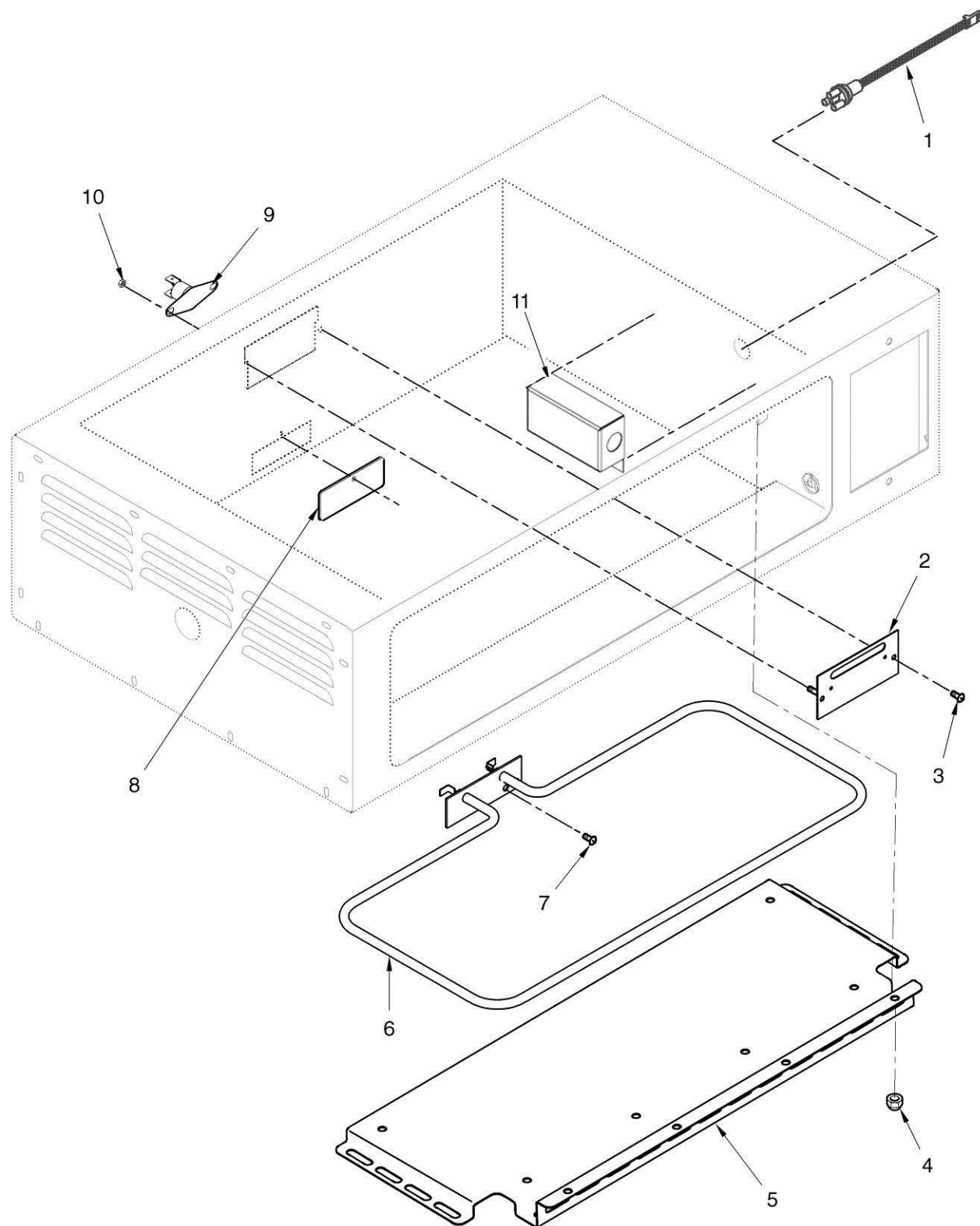


**Figure 2-1. Shell and Drawer**

| FIG. &<br>ITEM<br>NO. | PART NO. | DESCRIPTION                        | QTY<br>941 | QTY<br>942 | QTY<br>943 | QTY<br>944 |
|-----------------------|----------|------------------------------------|------------|------------|------------|------------|
| 2-1                   |          | SHELL AND DRAWER                   |            |            |            |            |
| 1                     | 51514    | SHELL ASSY. - 941                  | 1          | -          | -          | -          |
| 1                     | 52626    | SHELL ASSY. - 942 - RH             | -          | 1          | -          | -          |
| 1                     | 52649    | SHELL ASSY. - 942 - LH             | -          | 1          | -          | -          |
| 1                     | 52650    | SHELL ASSY. - 943 - RH             | -          | -          | 1          | -          |
| 1                     | 52651    | SHELL ASSY. - 943 - LH             | -          | -          | 1          | -          |
| 1                     | 52652    | SHELL ASSY. - 944 - RH             | -          | -          | -          | 1          |
| 1                     | 52653    | SHELL ASSY. - 944 - LH             | -          | -          | -          | 1          |
| 2                     | SC01-034 | SCREWS                             | 10         | 10         | 10         | 10         |
| 3                     | PL01-014 | PLUG - 1 1/16"                     | 2          | 3          | 3          | 1          |
| 4                     | 51306    | PANEL - ACCESS - RH                | 1          | 1          | 1          | -          |
| 4                     | 51912    | PANEL - RH - SIDE ACCESS - 944     | -          | -          | -          | 1          |
| √ 5                   | 51718    | GASKET - DRAWER                    | 1          | 2          | 3          | 4          |
| 6                     | 49548    | DRAWER ASSY.                       | 1          | 2          | 3          | 4          |
| 7                     | 14715    | . KIT - DRAWER FRONT ASSY (1 VENT) | 1          | 2          | 3          | 4          |
| 8                     | SC02-016 | . SCREW, FRONT RETAINING           | 5          | 10         | 15         | 20         |
| 9                     | 49550    | . DRAWER WELD ASSY.                | 1          | 2          | 3          | 4          |
| 10                    | 31395    | . DRAWER HANDLE                    | 1          | 2          | 3          | 4          |
| 11                    | SC01-144 | . SCREW, HANDLE RETAINING          | 2          | 4          | 6          | 8          |
| 12                    | 51497    | . SLIDE VENT                       | 1          | 2          | 3          | 4          |
| 13                    | 27501    | . MOLDED BLOCK - VENT              | 1          | 2          | 3          | 4          |
| 14                    | NS02-006 | . NUT                              | 3          | 6          | 9          | 12         |
| 15                    | 26411    | FOOT                               | 4          | 4          | 5          | -          |
| 16                    | 51503    | BASE ASSY. - 941                   | 1          | -          | -          | -          |
| 16                    | 53639    | BASE ASSY. - 942 - RH              | -          | 1          | -          | -          |
| 16                    | 52640    | BASE ASSY. - 942 - LH              | -          | 1          | -          | -          |
| 16                    | 52641    | BASE ASSY. - 943 - RH              | -          | -          | 1          | -          |
| 16                    | 52642    | BASE ASSY. - 943 - LH              | -          | -          | 1          | -          |
| √ 17                  | 14113    | BEARING KIT                        | 1          | 2          | 3          | 4          |
| 18                    | 51505    | LINER WELD ASSY.                   | 1          | 2          | 3          | 4          |
| 19                    | NS02-002 | NUT                                | 4          | 8          | 12         | 16         |
| 20                    | 52131    | LINER - TOP STUD ASSY.             | 1          | 2          | 3          | 4          |
| 21                    | 51097    | PANEL - ACCESS - LH                | 1          | 1          | 1          | -          |
| 21                    | 51912    | PANEL - ACCESS - LH                | -          | -          | -          | 1          |
| 22*                   | 52701    | DECAL - TEMP. CALIBRATION          | 1          | 1          | 1          | 1          |
| 23                    | 14458    | KIT - BEARING SUPPORT              | 2          | 4          | 6          | 8          |

√ recommended parts

\*not shown



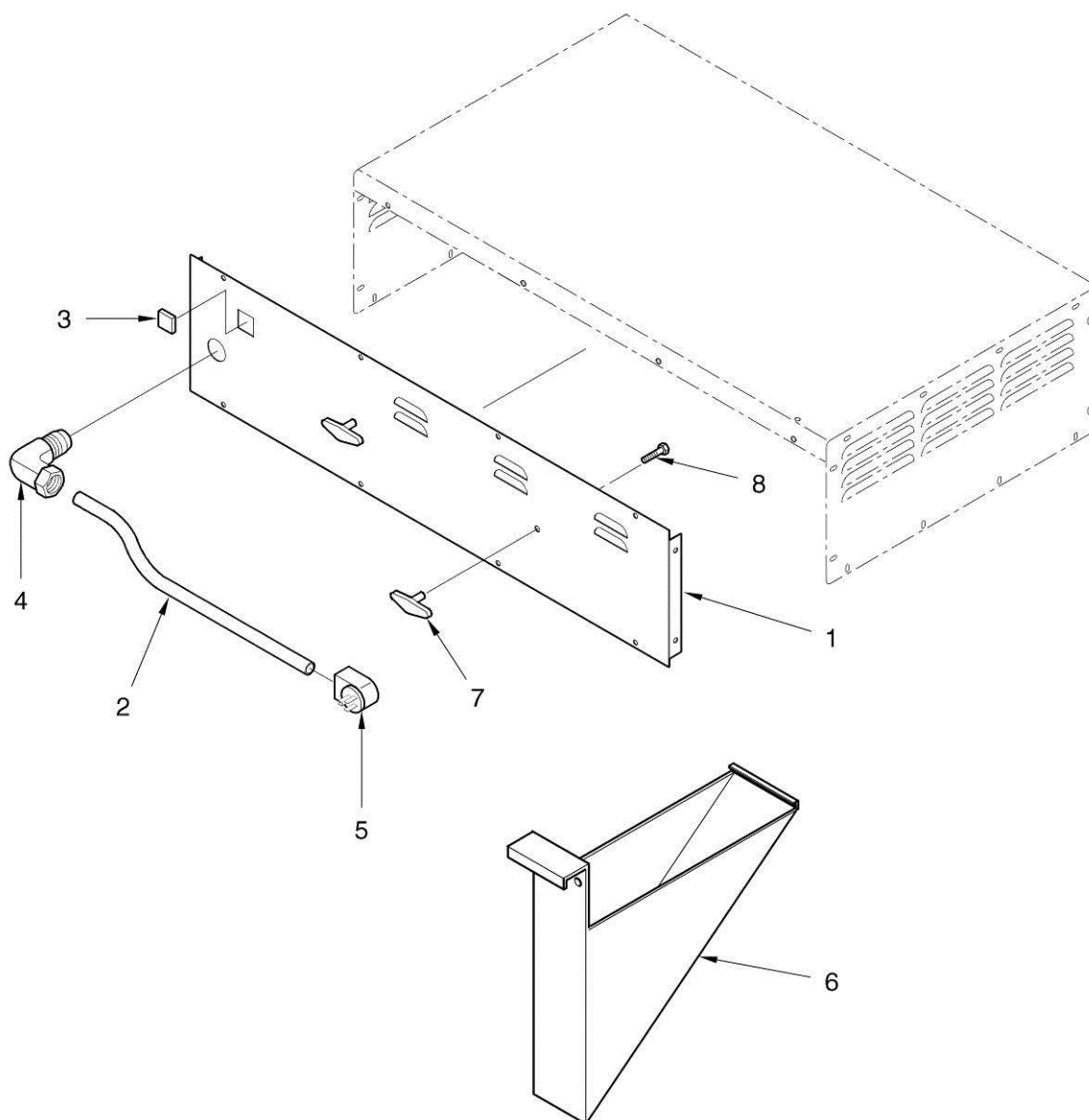
**Figure 2-2. Heater and Cover Plate**

**FIG. &  
ITEM**

| NO. | PART NO. | DESCRIPTION                                 | QTY<br>941 | QTY<br>942 | QTY<br>943 | QTY<br>944 |
|-----|----------|---------------------------------------------|------------|------------|------------|------------|
| 2-2 |          | HEATER AND COVER PLATE                      |            |            |            |            |
| √ 1 | 52100    | TEMPERATURE SENSOR ASSY.                    | 1          | 2          | 3          | 4          |
| 2   | 51951    | BRACKET – HEATER (BEFORE SN: GA0407031)     | 1          | 2          | 3          | 4          |
| 3   | SC01-034 | SCREW                                       | 2          | 4          | 6          | 8          |
| 4   | NS03-024 | ACORN NUT                                   | 3          | 6          | 9          | 12         |
| 5   | 51329    | DEFLECTOR – HEAT(BEFORE APRIL 1, 2001)      | 1          | 2          | 3          | 4          |
| 5   | 70793    | DEFLECTOR – HEAT(APRIL 1, 2001 & AFTER)     | 1          | 2          | 3          | 4          |
| √ 6 | 51796    | HEATER - 475 W. - 120 V.                    | 1          | 2          | 3          | 4          |
| √ 6 | 51932    | HEATER - 475 W. - 240 V.                    | 1          | 2          | 3          | 4          |
| 7   | SC02-041 | SCREW                                       | 2          | 2          | 2          | 2          |
| 8   | 51325    | PLATE - HEATER COVER                        | 1          | 2          | 3          | 4          |
| √ 9 | 18201    | HIGH LIMIT - 335° F                         | 1          | 2          | 3          | 4          |
| 10  | NS02-005 | NUT                                         | 2          | 2          | 2          | 2          |
| 11  | 52237    | COVER - TEMP. SENSOR                        | 1          | 2          | 3          | 4          |
| 12* | 51468    | INSULATION - NON-CONTROL SIDE RH            | 1          | 1          | 1          | -          |
| 12* | 52689    | INSULATION - LINER - CONTROL SIDE LH        | -          | 1          | 1          | -          |
| 12* | 51473    | INSULATION - LINER - CONTROL SIDE RH        | -          | -          | -          | 1          |
| 12* | 52691    | INSULATION - LINER - CONTROL SIDE LH        | -          | -          | -          | 1          |
| 12* | 51469    | INSULATION - SHELL TOP                      | 1          | 2          | 3          | 4          |
| 12* | 51470    | INSULATION - LINER - BOTTOM                 | 1          | 2          | 3          | 4          |
| 12* | 51471    | INSULATION - LINER - REAR - LOWER           | 1          | 2          | 3          | 4          |
| 12* | 51472    | INSULATION - LINER - REAR - TOP             | 1          | 2          | 3          | 4          |
| 12* | 51474    | INSULATION - LINER - TOP                    | 1          | 2          | 3          | 4          |
| 12* | 52093    | INSULATION - LINER - TOP                    | 1          | -          | -          | 4          |
| 12* | 51475    | INSULATION - CONTROL SIDE RH                | 1          | 1          | 1          | -          |
| 12* | 52690    | INSULATION - LINER - NON-CONTROL<br>SIDE LH | -          | 1          | 1          | -          |
| 12* | 51116    | INSULATION - LINER - NON-CONTROL<br>SIDE RH | -          | -          | -          | 1          |
| 12* | 52692    | INSULATION - LINER - NON-CONTROL<br>SIDE LH | -          | -          | -          | 1          |

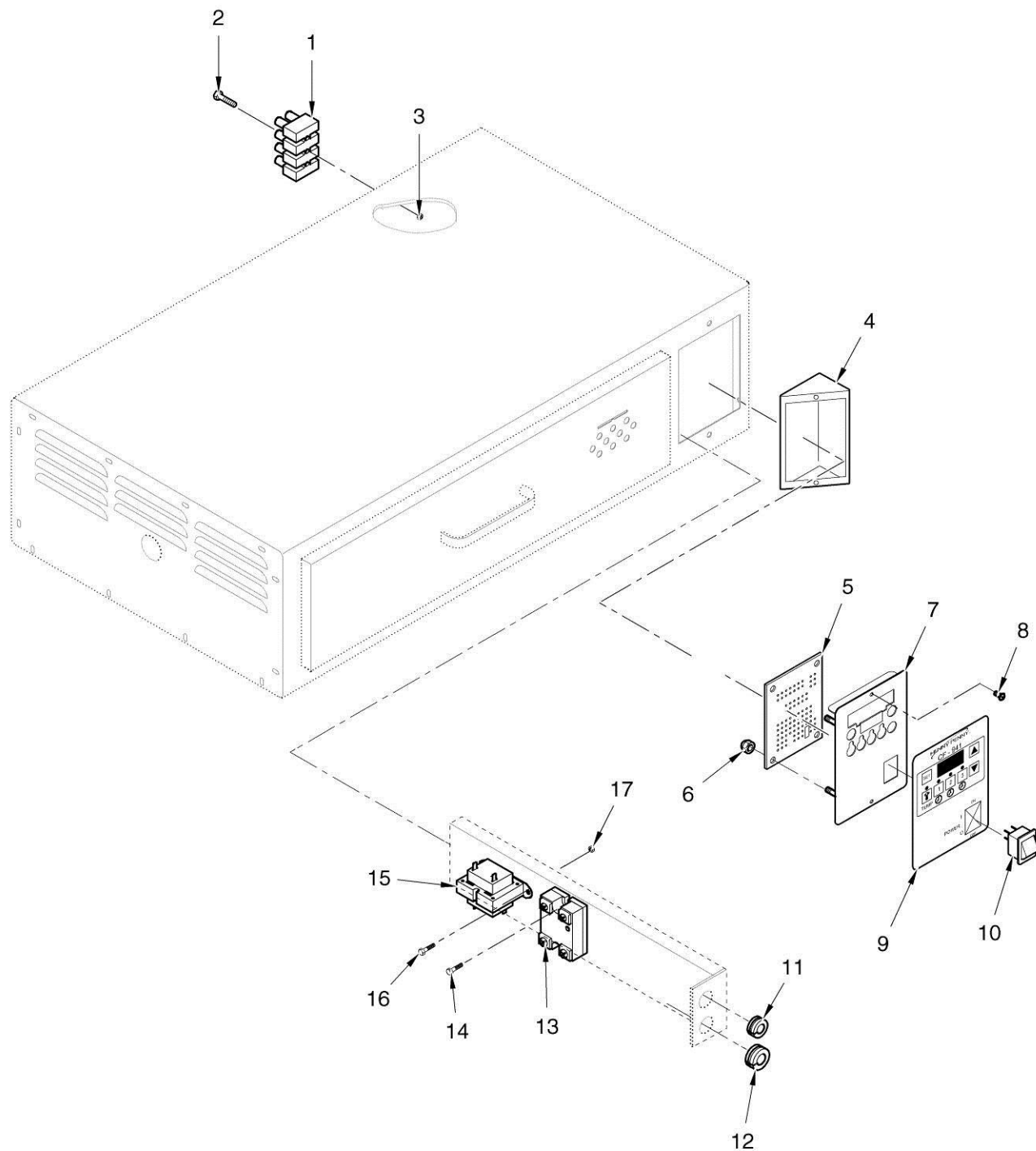
√ recommended parts

\*not shown



**Figure 2-3. Rear Panel**

| FIG. &<br>ITEM<br>NO. | PART NO. | DESCRIPTION                            | QTY | QTY | QTY | QTY |
|-----------------------|----------|----------------------------------------|-----|-----|-----|-----|
|                       |          |                                        | 941 | 942 | 943 | 944 |
| 2-3                   |          | REAR PANEL                             |     |     |     |     |
| 3 1                   | 51297    | REAR ACCESS PANEL - 941                | 1   | -   | -   | -   |
| 3 1                   | 51351    | REAR ACCESS PANEL - 942                | -   | 1   | -   | -   |
| 3 1                   | 51947    | REAR ACCESS PANEL - 943                | -   | -   | 1   | -   |
| 3 1                   | 52647    | REAR ACCESS PANEL STUD ASSY.           | -   | -   | -   | 1   |
| 3 2                   | 40297    | POWER CORD ASSY.                       | 1   | 1   | 1   | -   |
| 3 2                   | 27555    | POWER CORD ASSY. - 944                 | -   | -   | -   | 1   |
| 3 2                   | 63837    | POWER CORD ASSY. - CE                  | 1   | 2   | 3   | 4   |
| 3 3                   | MS01-197 | RECEPTACLE - NEMA 5-15 R               | 1   | -   | -   | -   |
| 3 4                   | 27639    | STRAIN RELIEF                          | 1   | 1   | 1   | 1   |
| 3 5                   | 40298    | PLUG - ANGLED - 125 V. - 15 AMP        | 1   | 1   | 1   | -   |
| 3 5                   | 27692    | PLUG - ANGLED - 125 V - 20 AMP         | -   | -   | -   | 1   |
| 3 6                   | 52676    | MIDDLE SUPPORT BRACKET - 944           | -   | -   | -   | 1   |
| 3 7                   | 27645    | KNOB - CORD WRAP - 941 (BEFORE 3-6-06) | 2   | -   | -   | -   |
| 3 8                   | SC01-172 | SCREW (BEFORE 3-6-06)                  | 4   | -   | -   | -   |



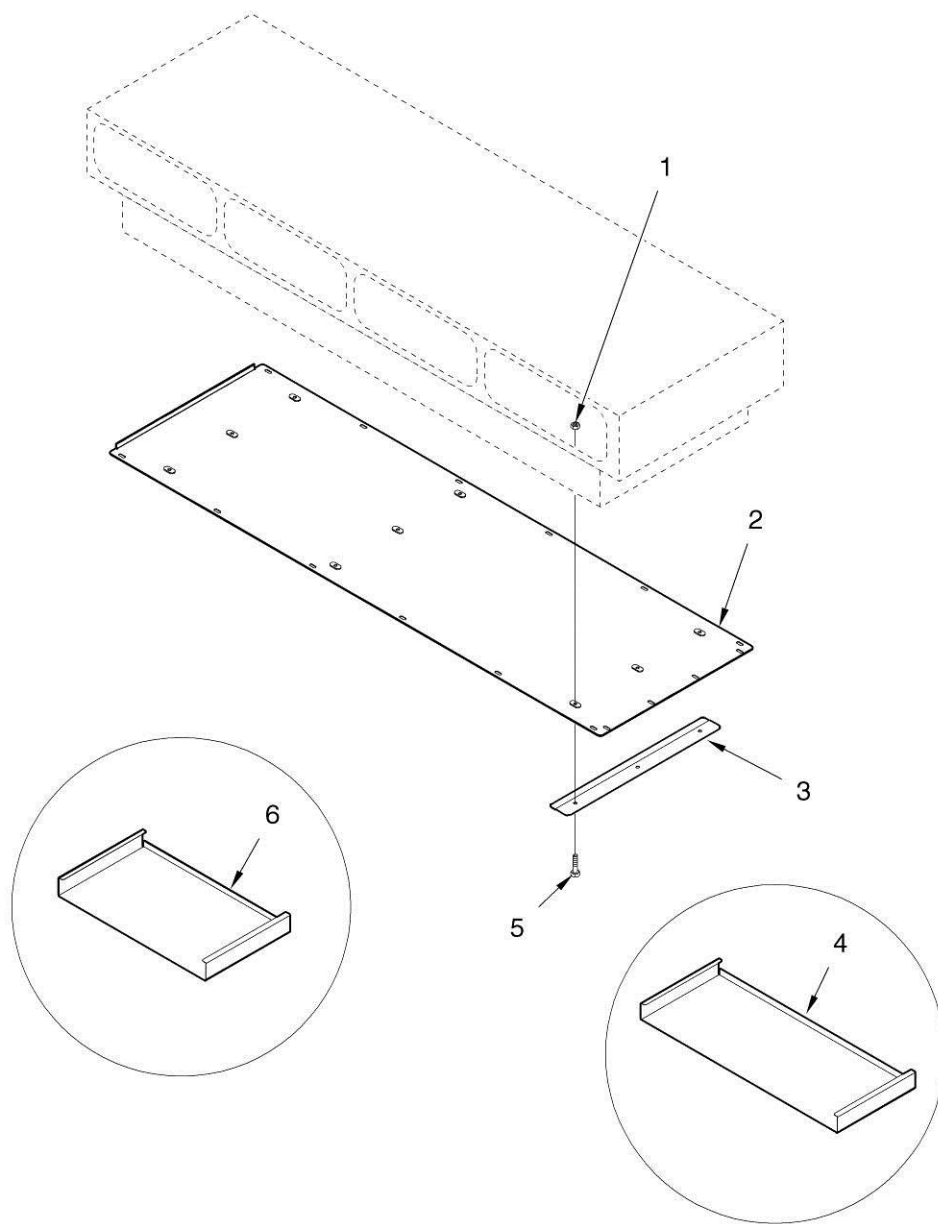
**Figure 2-4. Electrical Controls**

**FIG. &  
ITEM**
**NO. PART NO.**
**DESCRIPTION**
**QTY QTY QTY QTY  
941 942 943 944**

|       |          |                                     |   |   |   |   |
|-------|----------|-------------------------------------|---|---|---|---|
| 2-4   |          | ELECTRICAL CONTROLS                 |   |   |   |   |
| 1     | 33073    | TERMINAL BLOCK – 4 POLE             | 1 | 1 | 1 | 1 |
| 2     | SC01-053 | SCREW                               | 3 | 3 | 3 | 3 |
| 3     | NS02-007 | NUT                                 | 3 | 3 | 3 | 3 |
| 4     | 51925    | CONTROL BRACKET WELD ASSY.          | - | - | - | 1 |
| √ 5   | 52755RB  | PC BOARD ASSY. – GEN. MKT.          | 1 | 1 | 1 | 1 |
| √ 5   | 51102RB  | PC BOARD ASSY. – WENDY'S            | 1 | 1 | 1 | 1 |
| 6     | NS02-005 | NUT                                 | 4 | 4 | 4 | 4 |
| 7     | 51924    | CONTROL PANEL STUD ASSY.            | - | - | - | 1 |
| 7     | 51545    | CONTROL PANEL STUD ASSY.            | 1 | 2 | 3 | - |
| 8     | SC04-003 | SCREW                               | 2 | 2 | 2 | 2 |
| 9     | 51463    | DECAL - CONTROL - 941 - WENDY'S     | 1 | - | - | - |
| 9     | 52695    | DECAL - CONTROL - 941 - GEN. MKT.   | 1 | - | - | - |
| 9     | 52699    | DECAL - CONTROL - 941 - DAIRY QUEEN | 1 | - | - | - |
| 9     | 51560    | DECAL - CONTROL - 942 - WENDY'S     | - | 1 | - | - |
| 9     | 52696    | DECAL - CONTROL - 942 - GEN. MKT.   | - | 1 | - | - |
| 9     | 51561    | DECAL - CONTROL - 943 - WENDY'S     | - | - | 1 | - |
| 9     | 52697    | DECAL - CONTROL - 943 - GEN. MKT.   | - | - | 1 | - |
| 9     | 51464    | DECAL - CONTROL - 944 - WENDY'S     | - | - | - | 1 |
| 9     | 52698    | DECAL - CONTROL - 944 - GEN. MKT.   | - | - | - | 1 |
| √ 10  | 72277    | SWITCH - POWER DPST SPLASH PROOF    | 1 | 1 | 1 | 1 |
| √ 10  | 52224    | POWER SWITCH – CE                   | 1 | 1 | 1 | 1 |
| 11    | EF02-072 | BUSHING - SPLIT                     | 1 | 1 | 1 | 1 |
| 12    | EF02-040 | BUSHING - SNAP                      | 1 | 1 | 1 | 1 |
| √ 13  | 40645    | RELAY                               | 1 | 2 | 3 | 4 |
| 14    | SC04-003 | SCREW                               | 2 | 2 | 2 | 2 |
| √ 15  | 28979    | TRANSFORMER - 208/240 V.            | 1 | 1 | 1 | 1 |
| √ 15  | 30978    | TRANSFORMER - 120 V.                | 1 | 1 | 1 | 1 |
| 16    | SC01-034 | SCREW                               | 2 | 2 | 2 | 2 |
| 17    | NS02-007 | NUT                                 | 2 | 2 | 2 | 2 |
| √ 18* | 51390    | EMC FILTER – CE                     | 1 | 1 | 1 | 1 |
| √ 18* | FA53-005 | FUSE – CE                           | 1 | 1 | 1 | 1 |
| √ 19* | EF02-114 | FUSE HOLDER                         | 1 | 1 | 1 | 1 |

√ recommended parts

\*not shown



**Figure 2-5. Paper Tray**

| <b>FIG. &amp;<br/>ITEM<br/>NO.</b> | <b>PART NO.</b> | <b>DESCRIPTION</b>     | <b>QTY<br/>941</b> | <b>QTY<br/>942</b> | <b>QTY<br/>943</b> | <b>QTY<br/>944</b> |
|------------------------------------|-----------------|------------------------|--------------------|--------------------|--------------------|--------------------|
| 2-5                                |                 | PAPER TRAY             |                    |                    |                    |                    |
| 1                                  | NS-02-007       | NUT                    | -                  | -                  | -                  | 12                 |
| 2                                  | 52854           | PANEL - BOTTOM ACCESS  | -                  | -                  | -                  | 1                  |
| 3                                  | 52845           | BRACKET – PAPER TRAY   | -                  | -                  | -                  | 4                  |
| 4                                  | 05940           | 3 PAPER TRAY – WENDY’S | -                  | -                  | -                  | 2                  |
| 5                                  | SC01-153        | SCREW                  | -                  | -                  | -                  | 12                 |
| 6                                  | 05941           | 2 PAPER TRAY – WENDY’S | -                  | -                  | -                  | 2                  |