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# **Medium Electric Transaction Drawer Bin Heater Kit Manual**



# Medium Electric Transaction Drawer Heater Installation

## Table of Contents

Installation Instructions.....1

Operation Instructions.....2

Figure #1.....3

Figure #2.....4

Figure #3.....5

Figure #4.....6

Wiring Schematic.....7



## Installation Instructions

### Tools Needed:

5/16" Wrench or Nut Driver  
Flat Blade Screwdriver  
1/4" Wrench or Nut Driver  
7/16" Wrench or Ratchet

### Installation Procedure

Disconnect power from Transaction Drawer. Activate the "In" button and then the "Out" button to discharge the board capacitor. Remove back panel from drawer. There are (3) screws across the top of the panel and the (2) screws across the bottom.

With the drawer fully retracted, remove the (2) 1/4-20 nuts connecting the TD drive nut plate to the Bin Assembly.\* (Note: Use caution when removing drive nut plate as Bin will slide completely out of TD Shell)

Remove Bin Assembly from TD Shell at Customer end. Clean the bottom surface of the bin that the heater will be applied to. Windex or similar cleaners work best. Do not use lacquer thinner or other solvents. Mark the location of the heater as shown in Figure #1. Peel the protective paper from the back of the heater and press firmly on the bottom of the drawer with the leads orientated as shown in Figure #1.

Stick a wire tie block on the inside of the Bin as shown in Figure #1. Secure the heater lead with the wire tie provided.

Install the coiled cable assembly as shown in Figure #2 and reinstall the Bin. Secure the Bin with the nut plate. It is important to properly center the Bin using the nut plate. With the plate slightly loose slide the Bin all the way to the right and the plate all the way to the left. Mark with a Sharpie or pencil. Repeat to the opposite side. Center the nut plate between these marks and tighten the nuts.

Plug coiled cable into connector cable and run the connector cable to the outside the drawer. Route and secure cable to existing drawer harness as needed, see Figure #3.

Mount the heater power supply to the side of the drawer, drill holes if necessary, and secure with the fasteners provided. (Note: the E.F. Bavis All-In-One series windows have studs provided, see Figure #4 for location)

Wire the heater power supply to a 120V circuit following NEC and all local codes. *6" 16ga leads are provided for the power connection.*

Plug the heater wire into the back of the heater power supply.

\* If installing kit in earlier versions of drawer, you must first remove the control mount.

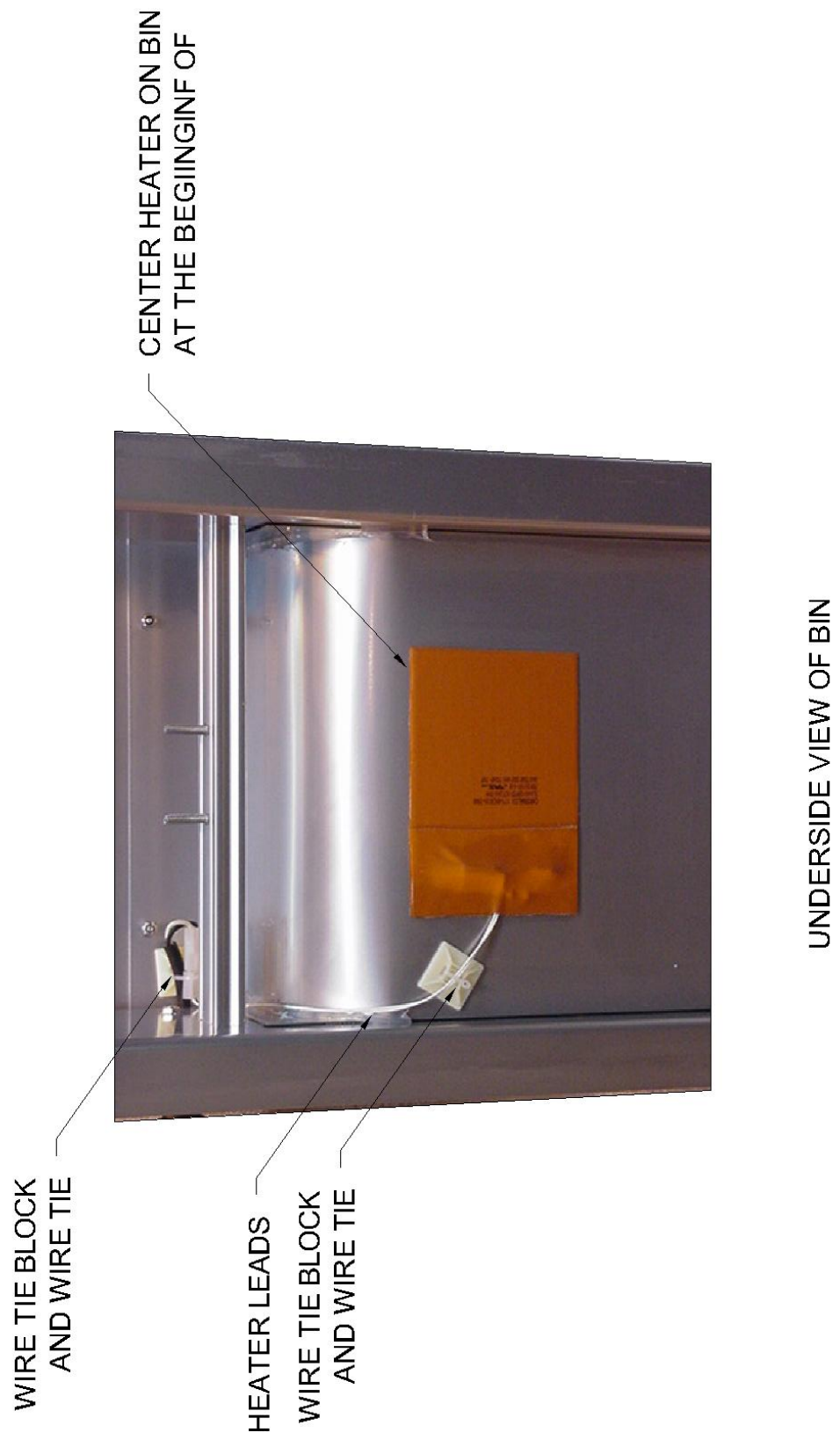
## Heater Operation

Turn on with the rocker switch on the face of the heater power supply. The switch should illuminate.

The drawer will get warm to the touch. The heater is powered from low voltage and protected by a 4 amp *circuit breaker* in the heater power supply. The heater is controlled by a non-adjustable thermostat. A non replaceable over-temperature device is built in to the heater to protect against thermostat failure.

## Parts Supplied:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	TD Heater	1
2	Wire Tie Block	1
3	Wire Ties	5
4	Coiled Cable Assm.	1
5	¼ “ nuts	2
6	¼” studs	2
7	#6 screws	4
8	#6 nuts	4



**FIGURE #1**

ROUTE COILED CABLE  
TOWARDS REAR OF DRAWER

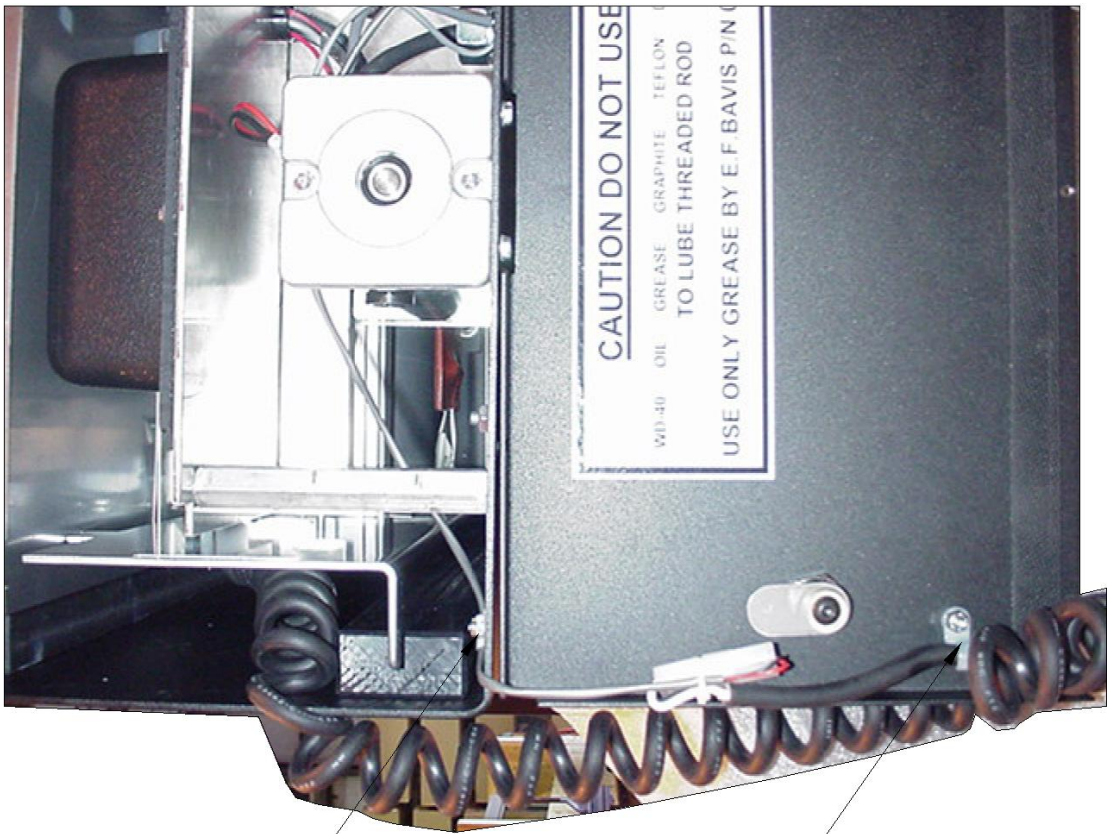
WIRE BRACKET

FRONT OF DRAWER



**FIGURE #2**

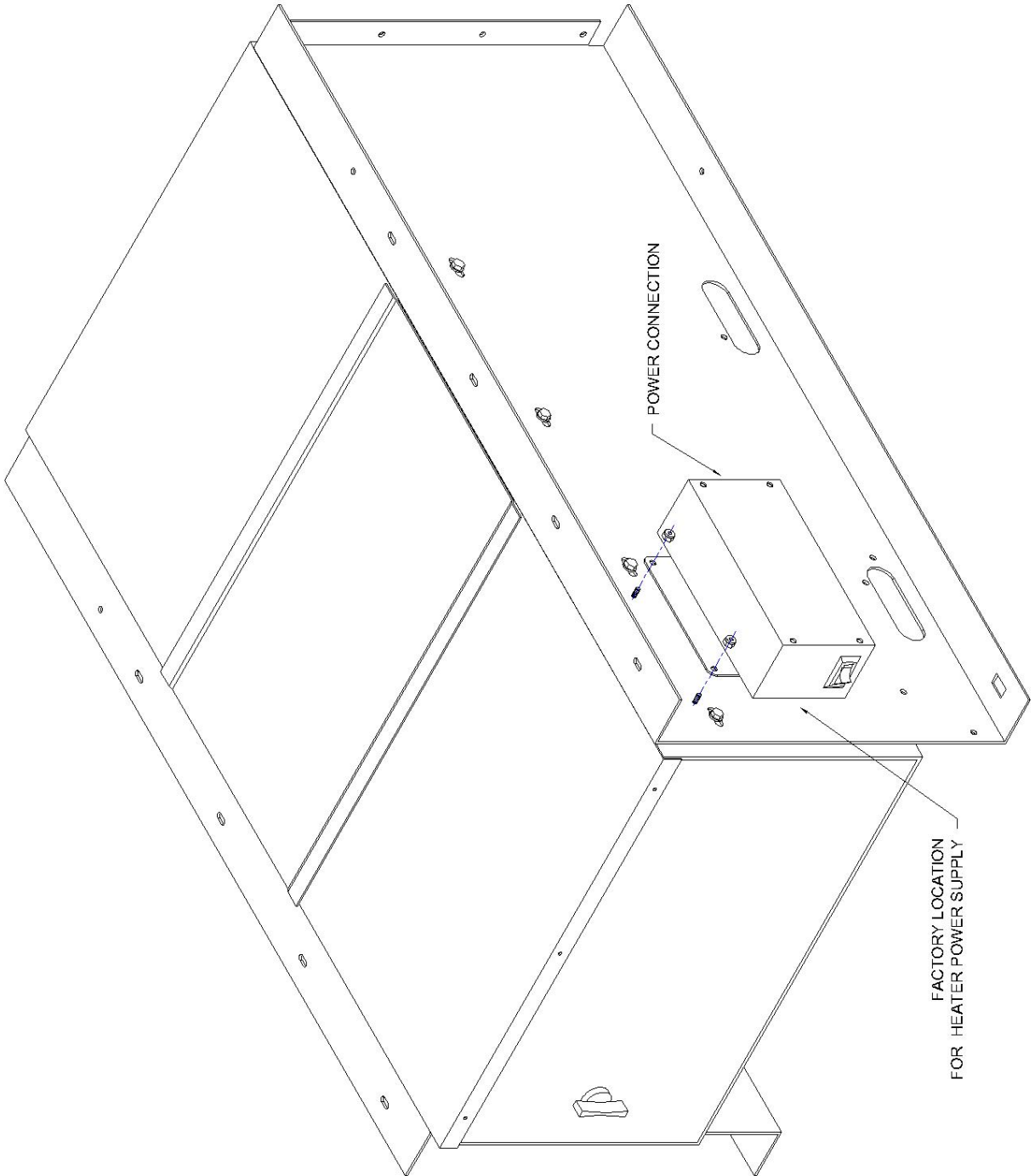




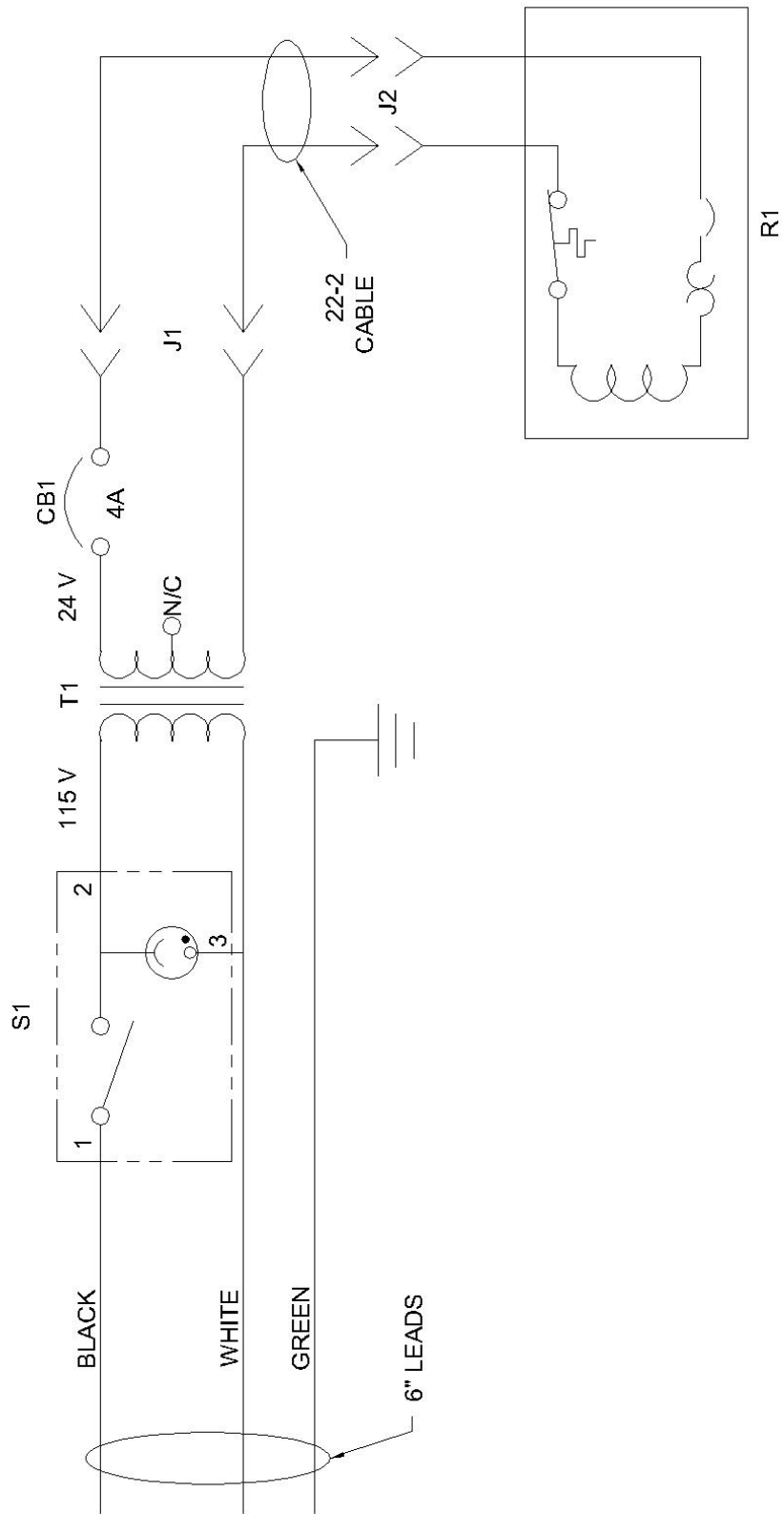
REMOVE NUT  
AND ADD WIRE TIE

REMOVE NUT  
AND ADD WIRE TIE

FIGURE #3



**FIGURE #4**



**WIRING SCHEMATIC**