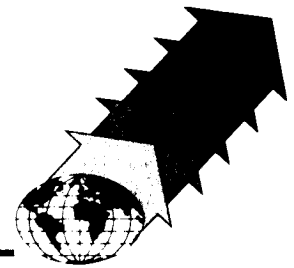


# Service Bulletin

W413

July 8, 1991



**TOMORROW'S  
MANUFACTURING  
LEADERSHIP  
TODAY**

**SUBJECT:** TRANSFORMER REPLACEMENT IN EXPORTS

**MODELS:** All Export Models With Transformers

**REASON:** To provide parts and instructions to replace the original transformer, when such a transformer becomes inoperative.

## REPLACEMENT

**PARTS REQUIRED:**

- 1\* - 804,400,340.01 Transformer-GE (current)
- 1 - 804,902,170.01 Transformer Jumper-Big
- 1 - 804,902,180.01 Transformer Service Jumper
- 1 - 432,010,740.03 Transformer Mounting Bracket
- 2 - 902,300,830.02 Nylon Connectors
- 2 - 900,301,560.01 Screws #8-32 x 3/8
- 2 - 900,301,500.01 Screws #8 x 1/2 self drilling

## IDENTIFICATION

**OF TRANSFORMER:** 9T51Y5400 Original Transformer (GE)  
\*9T58C5400 Current Transformer (GE)

The identification number is at top right of the transformer's face plate.  
(See Figure 1, Page 4)

## TO REPLACE CURRENT

**TRANSFORMER:**

### **UNPLUG THE VENDER**

1. Remove the inoperative transformer.
2. Carefully disconnect the wire leads from the transformer.
3. Carefully reconnect the wire leads to the new transformer.
4. Plug in vender and test for proper operation.

TO REPLACE  
ORIGINAL  
TRANSFORMER:

**UNPLUG THE VENDER**

1. Open the main door and locate the transformer affixed to a bracket which is screwed to the left wall of the vender in the condenser area. Remove and discard the inoperative transformer and the transformer bracket.
2. Locate the slot near the bottom of the new transformer bracket.
3. With the transformer's terminals in the "up position" slide the two (2) legs of the transformer through the slot to the outside of the bracket.
4. Align the holes in the two (2) remaining legs of the transformer and secure with the #8-32 screws provided.
5. Install the Transformer Jumper (804,902,170.01), so that the four (4) transformer leads, i.e., two (2) silver terminals and two (2) brass terminals go inside the transformer bracket. Make sure the jumper grommet is secure in the 7/8" dia. hole in the bracket.  
(See Figure 1, Page 4)
6. Locate the brass colored LD ribbed lead (See Figure 3, Page 4) and insert it into the right LD socket on the transformer. (See Figure 1, Page 4)
7. Locate the brass colored LD smooth lead (See Figure 3, Page 4) and insert it into the left LD socket on the transformer. (See Figure 1, Page 4)
8. Locate the silver colored L1 ribbed lead (See Figure 3, Page 4) and insert it into the L1 socket on the transformer.  
(See Figure 1, Page 4)
9. Select the correct terminal from the line voltage table on the transformer's face plate and insert the silver colored L2 smooth lead into H or M or L. (See Figure 1, Page 4)
10. Using the two (2) clearance holes in the flange of the transformer bracket secure the transformer/bracket assembly, with the two (2) self drilling screws provided to the left wall of the vender in the condenser area.  
(See Figure 2, Page 4)
11. Locate the Junction Block at lower left leg of the vender.

12. Locate the lead with two (2) eyelets coming off of the Junction Block.
13. Cut off the eyelets. Slit and separate the leads to a depth of 2". Strip the insulation from each lead to a depth of 1/2".
14. Locate the Junction Block, located on bottom left leg area of vender. (See Area A, Figure 2, Page 4)
15. Crimp the ribbed bare lead from the Junction Block (refer to item #13) to the ribbed bare lead of the Transformer Service Jumper (A804,900,180.01) (See Figure 4, Page 4) with one of the nylon butt connectors supplied (902,300,830.02). (See Figure 4, Page 4)
16. Crimp the smooth bare lead from the Junction Block (refer to item #13) to the smooth bare lead of the Transformer Service Jumper (A804,900,180.01) (See Figure 4, Page 4) with one of the nylon butt connectors supplied (902,300,830.02).
17. After crimping nylon butt connectors (Item #s 15 & 16) carefully cover and seal the wire entrance to the connectors with electrical tape. Do not stretch the tape when making this application.
18. Locate line plug of Transformer Jumper (which has small pin to smooth wire and large pin to ribbed wire) and insert into line cap of Transformer Service Jumper. (See Figure 3, Page 4)
19. Plug in vender and test for proper operation.

