

31596 KIT FOR TJ200-TK

Instructions to Replace Electronic Dispenser Control

1. Disconnect power to dispenser.
2. Remove upper front panel and electric box cover.
3. Locate white wire connected to terminal #1 on EDC board (31405) and label with wire marker #1 provided (see Fig 3). Locate black wire connected to terminal #2 on EDC board and label with wire marker #2 provided. Continue in this manner for all remaining wires attached to EDC board. All wires must be identified before removal.
4. Remove wires from old EDC board. To remove board from electric box, squeeze fastener as shown in Fig. 1 and carefully lift board off one corner at a time.
5. Remove EDC fasteners from electric box and discard.
6. Disconnect white wire labeled #1 and discard.
7. Mount timer using screws provided (see Fig 4). Use the uppermost two of the four holes previously used to mount the EDC.
8. Connect white wires from timer and relay to terminal board.
9. Connect black wire from timer to terminal board.
10. Twist together the following groups of wires and secure with wire nuts provided. (see Fig. 4)
  - Group A) Red wire from EDC #14 (Solenoid #1)  
Yellow wire from EDC #6 (Dispense Button #1)  
Pink wire from relay
  - Group B) Brown wires from EDC #7  
Black wire from EDC #2
  - Group C) Blue wire from ECC #15  
Blue wire from timer
  - Group D) Red wire from EDC #16 (Solenoid #2)  
Yellow wire from EDC #6 (Dispense Button #2)  
Orange wire from relay

Note! - Be sure to connect corresponding solenoid and dispense button wires together. Failure to do so will cause dispenser to work improperly.
11. Replace electric box cover and close up unit.

KIT INCLUDES

<u>Quantity</u>	<u>P/N</u>	<u>Description</u>
1	31595	Timer/Relay Assy
2	70215	#8 X 1/4 scr.
4	30057	Wire Nut, Orange
1	31587	Black Jumper
1	31213	Red Jumper
1	31438	Blue Jumper
1	31559	Wire Markers
1	31583	Pink Jumper
1	31584	Orange Jumper
1	31383	White Jumper
1	90855	Instructions

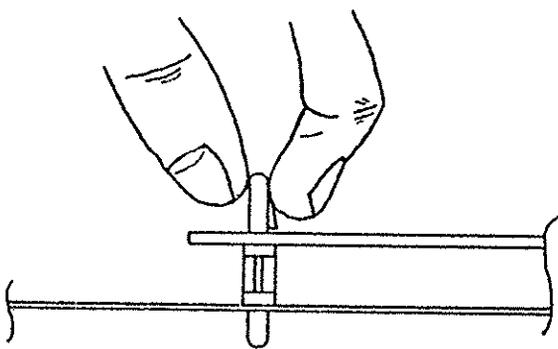


FIG. 1

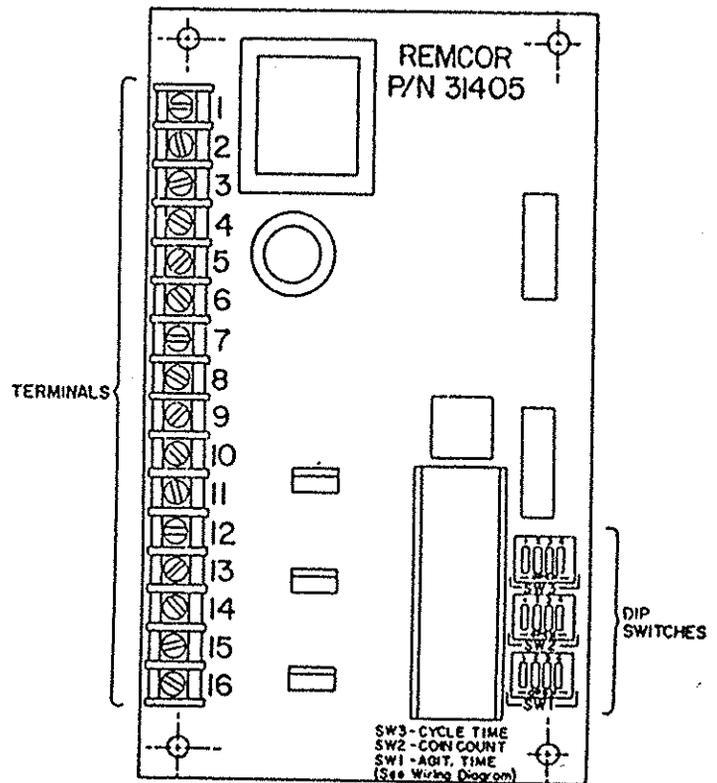
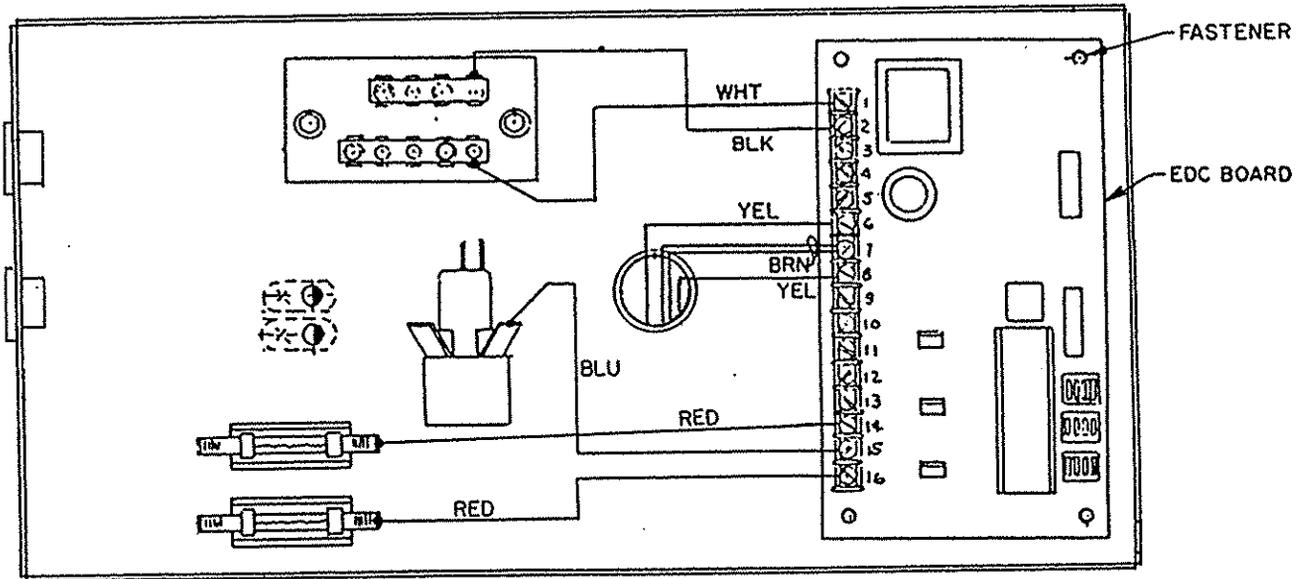
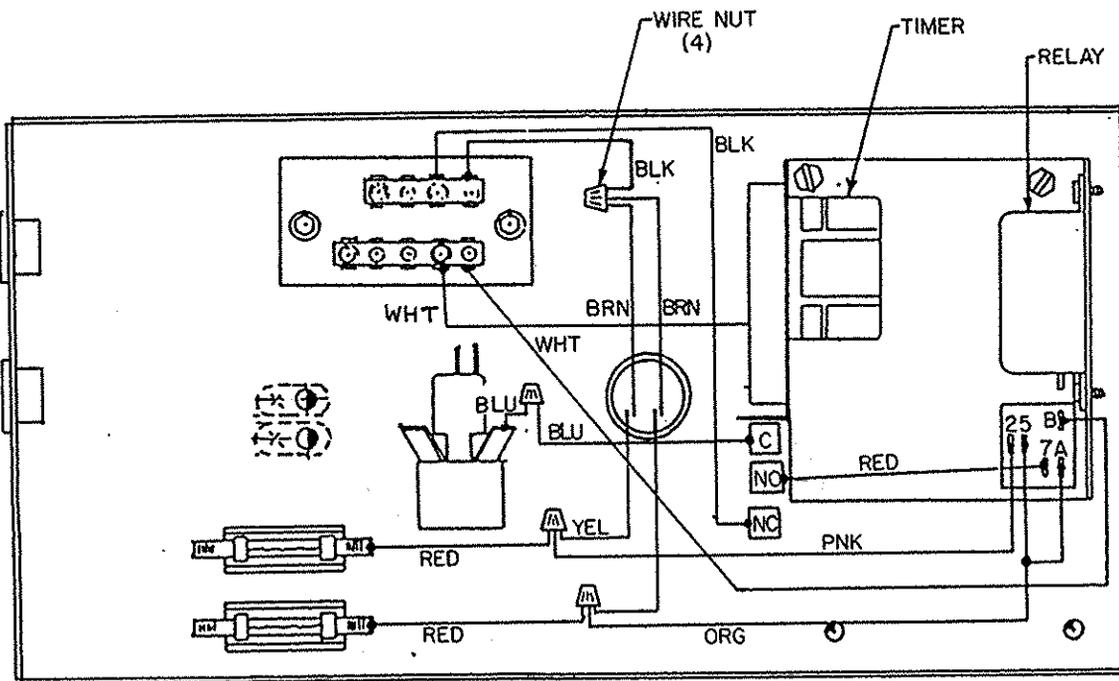


FIG. 2



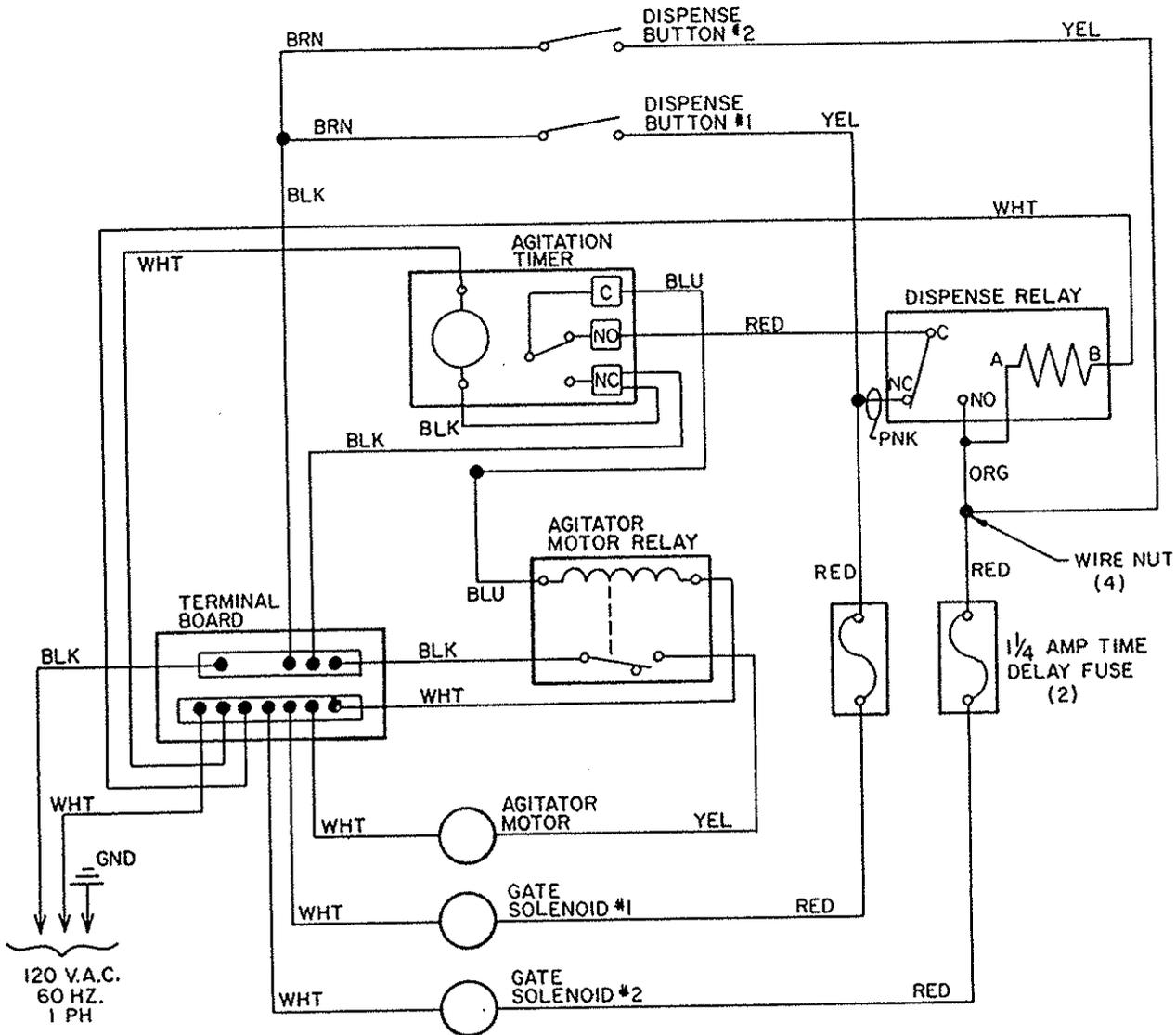
**FIG. 3**



**FIG. 4**

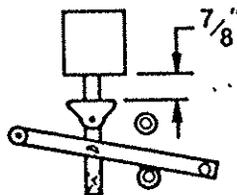
# WIRING DIAGRAM

## TJ200-T



### SERVICE INFORMATION

**DANGER:** ELECTRIC SHOCK HAZARD. DISCONNECT POWER BEFORE SERVICING UNIT.



### SOLENOID ADJUSTMENT

WHEN REPLACING SOLENOID  
ADJUST TO 7/8 AS SHOWN  
BEFORE TIGHTENING  
MOUNTING SCREWS.