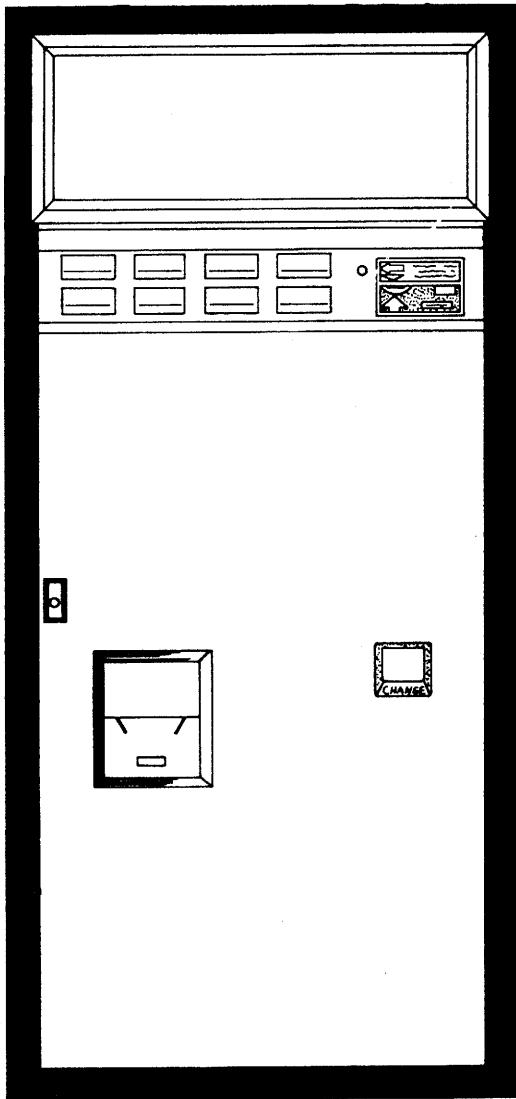


SERVICE MANUAL



**Coffee Vendor
Model: 2072T**

**WHEN ORDERING REPLACEMENT
PARTS, INCLUDE MODEL NUMBER
AND SERIAL NUMBER OF UNIT**

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FORWARD

This manual has been written to give you the basic knowledge of operating and servicing your machine. The manual contains a trouble shooting section, parts list for ordering parts, and illustrations showing how the machine is assembled.

SPECIFICATIONS

| | |
|-----------------|----------|
| Cabinet: Height | 68" |
| Depth | 25" |
| Width | 28" |
| Shipping Weight | 350 lbs. |

Capacity: Vends 400 cups

| | |
|-------------------------|--|
| Electrical: Line Source | 115 volts, 60 cycles, 1 phase |
| Maximum Current Draw | 10 amps |
| Service | 15 amp fuse or 15 amp circuit breaker |

Water Supply: Copper tubing $\frac{3}{8}$ O.D.
Plastic tubing $\frac{5}{16}$ O.D.

Coinage: Single price changer

INSTALLATION

1. This machine was thoroughly inspected before leaving the factory and the carrier has accepted this machine as their responsibility. A tip-n-tell device is on each carton to alert the customer of possible mishandling. Any damage upon arrival must be reported immediately to carrier. Request a written inspection report from claims inspector to file any freight claims for damage. File claim with carrier — NOT with manufacturer.
2. Remove knock-a-way support by inserting screwdriver and splitting the knock-a-way in two. Turn the leg levelers in as far as possible. (See Fig. A.)
3. Remove all shipping brackets, inner packing and tape.
4. Move machine to desired location.
5. Connect water supply to rear of machine using the $\frac{3}{8}$ " flare fitting, or the $\frac{5}{16}$ " compression fitting (provided). If water purifier is used see page 5. If pump and bottle is used see page 6.
6. Plug power cord into proper electrical outlet. Make sure power supply is properly grounded for customer safety. The manufacturer recommends that the electrical outlet used be on its own circuit.
7. Place machine a minimum of 3" from wall for proper air circulation.
8. Machine must be level to operate correctly. With the levelers turned in as far as possible, adjust so the machine is level and does not rock or teeter on any leveler. The leveler provided may be turned from underneath or inside the cabinet.
9. This machine may be anchored to the floor by removing the snap-in caps located on the cabinet floor.
10. **WARNING:** Float must be in waste bucket. Switch must actuate (click) when top of float is a minimum of 3" below top of bucket (See Fig. B).

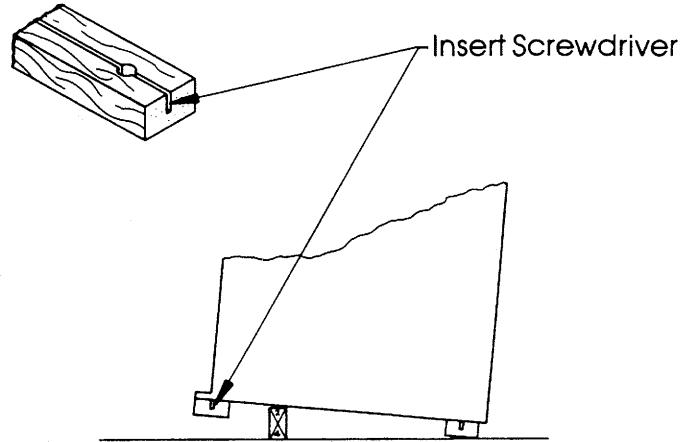


Fig. A.

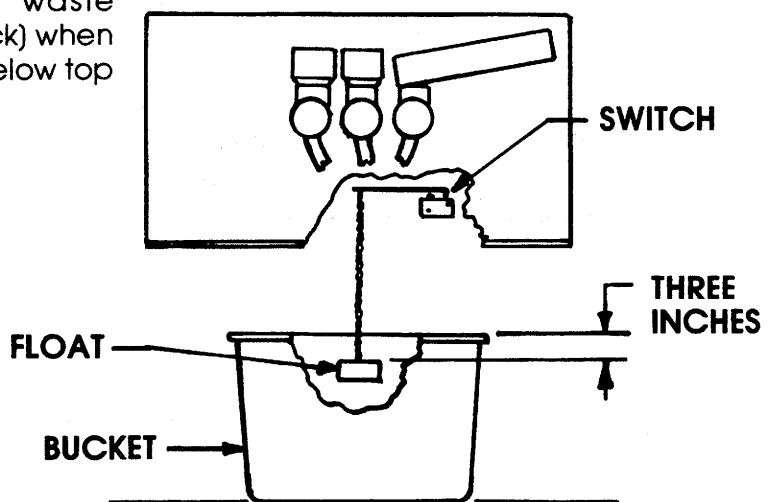


Fig. B

WATER FILTER INSTALLATION

1. Install the proper fitting in the correct place on the filter. (See Fig. A).
2. Insert two screws into cabinet mounting bracket as shown in Fig. B. **Do not** tighten down. Filter hangs in key hole slots in filter mounting brackets. Position filter and tighten screws securely.
3. Take the tubing supplied and connect the outlet on the filter to the inlet valve of the machine. Connect your water supply line to the inlet on the filter. (See Fig. C.)

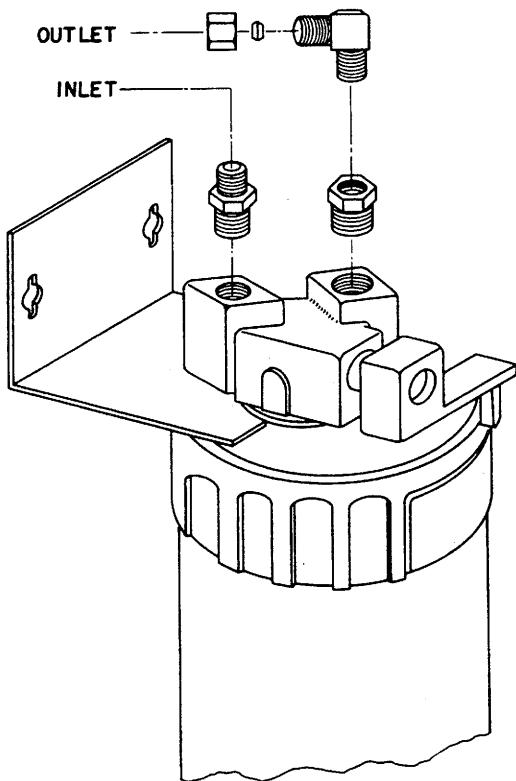


Fig. A

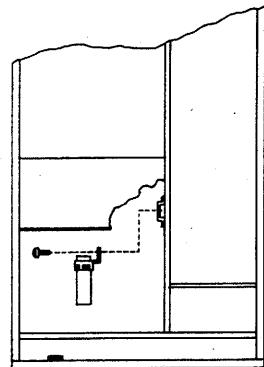


Fig. B

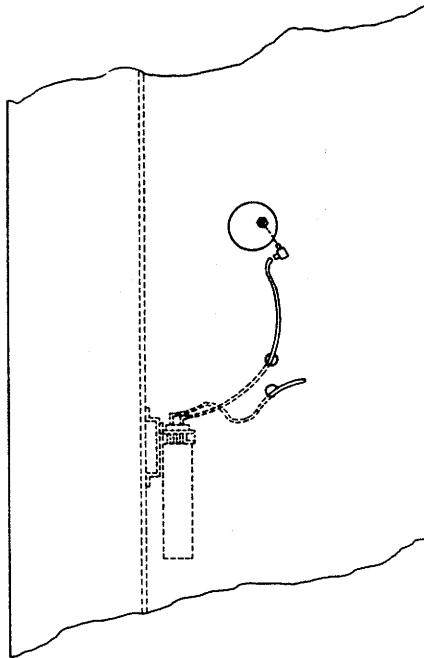
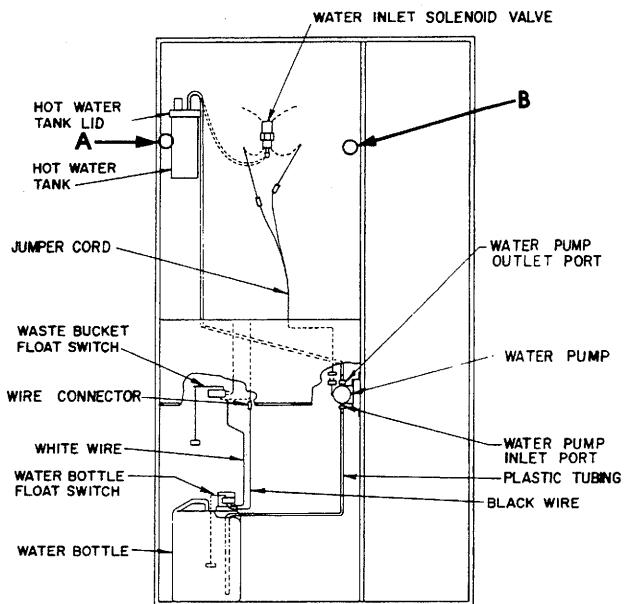


Fig. C

PUMP & BOTTLE INSTALLATION

1. Disconnect power from machine.
2. Loosen screws A & B approximately 3 turns (do not remove).
3. Lift up on chassis cover (with printed instructions on it), and remove from key hole slots.
4. Mount water pump on mounting bracket as shown.
5. Disconnect water inlet tubing from water tank lid. (This hose is not used with pump & bottle.)
6. Run new tubing supplied from water inlet on water tank lid down to water pump outlet port.
7. Run tubing supplied from water pump inlet port through hole in top of bottle till you are about 1" from bottom of bottle.
8. Disconnect all (4) wires from water inlet solenoids. Tape over terminals of (1) red-white and (1) black-white wire. (These (2) wires will not be used.)
9. Connect the remaining red-white and black-white wires to the jumper cord that attaches to the water pump.
10. Disconnect one of the black wires from the waste bucket switch and connect it to the black wire from the switch on the water bottle. The white plastic insulator must be removed from the wire, so the wire connector provided can be used to join these two wires together.
11. Connect the remaining white wire from bottle float switch to the terminal on the waste bucket switch where the black wire was disconnected.
12. Fill bottle with water.
13. Connect machine power. Pump should immediately start pumping water out of the bottle and into the hot water tank.
14. Pump should shut off as soon as hot water tank is full.
15. To insure proper operation of waste bucket switch, hold lever on switch down — machine power should shut off.
16. Refill bottle with water.
17. Close the door and make several test vends.
18. Bottle holds enough water for approximately 70 cups.



PRICE-SETTING INSTRUCTIONS

COINAGE TYPE: Coinco 5¢-\$1.50 single price changer.

1. Unplug coin mechanism from machine.
2. Remove coin acceptor from coin mechanism. (See Fig. A.)
3. Removing the coin acceptor reveals a switch module with five miniature rocker switches numbered 1 through 5. Each one of the switches corresponds to a given price as follows: No. 1 = 5¢, No. 2 = 10¢, No. 3 = 20¢, No. 4 = 40¢, No. 5 = 80¢. To set the vend price, add the value of the rocker switches in the ON position. Example: switches No. 1 and No. 2 are in the ON position; since No. 1 = 5¢ and No. 2 = 10¢ the vend price is set at 15¢. (See Fig. B.)
4. To set the change tubes to either accept or reject quarters when change tubes are empty, remove the back coverplate and check the position of the white wire on the change tube empty switch. To accept quarters the white wire should be on the piggyback terminal on the common terminal. To reject quarters the white wire should be on the normally open terminal. (See Fig. C.)

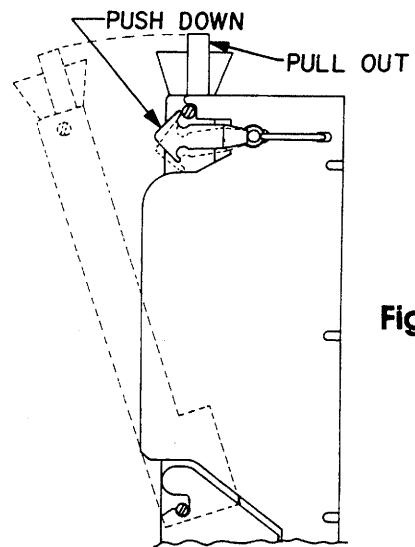


Fig. A

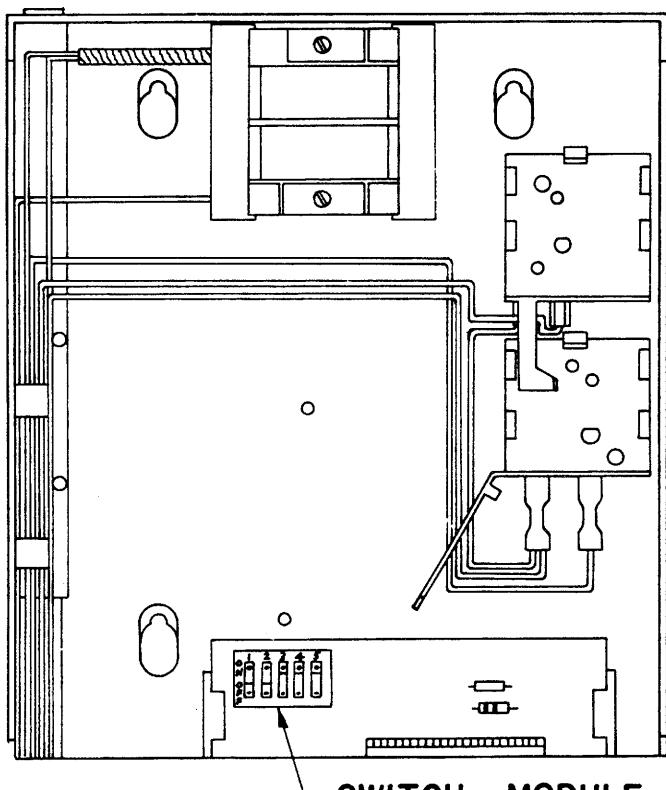


Fig. B

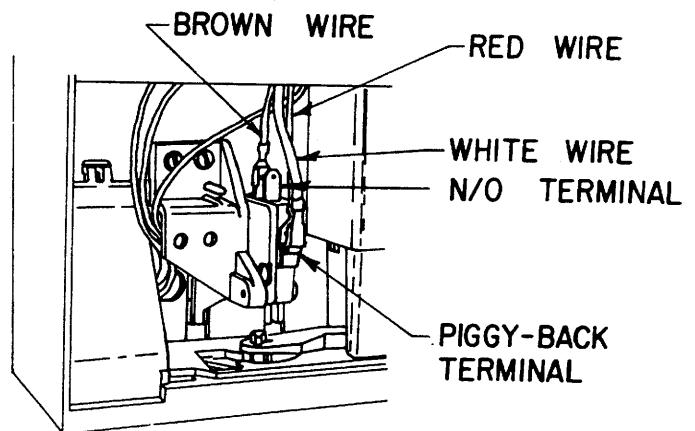


Fig. C

COINAGE TYPE: NATIONAL 5¢-\$1.50 SINGLE PRICE CHANGER

1. Unplug coin mechanism from machine.
2. Remove coin mechanism from machine by removing the coin acceptor. (See Fig. A). Then remove the holdown screw. (See Fig. B). Loosen the other three screws and lift up and out.
3. Remove the rear coverplate by removing bottom screw and lifting off.
4. To set the vend price depress the price wheel and rotate clockwise to increase the vend price, or rotate counterclockwise to decrease the vend price. (See Fig. C.)
5. The vend price is located in the vend price window. So when the desired vend price is located, release the price window, locking the vend price wheel in place. (See Fig. C.)
6. Replace coin mechanism in machine by reversing steps 1 through 3.
7. This coin mechanism will accept quarters even if change tubes are empty.

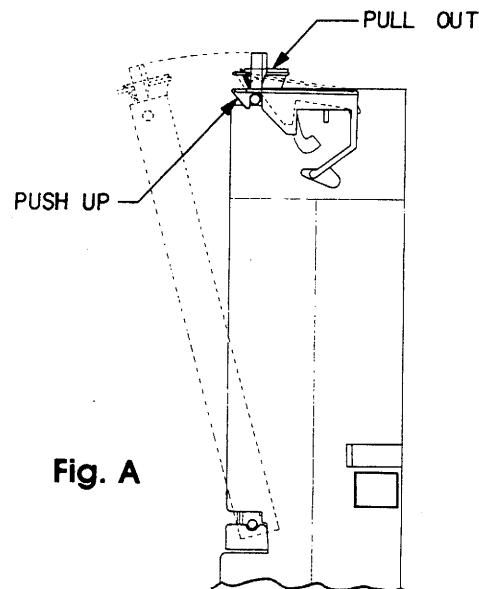


Fig. A

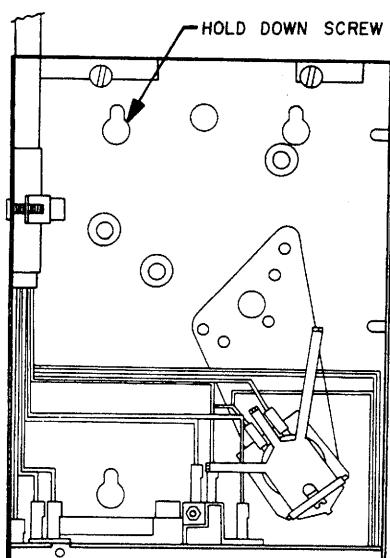


Fig. B

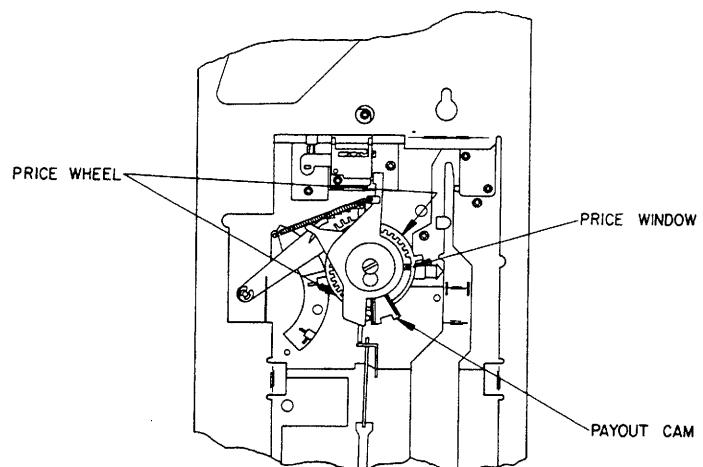
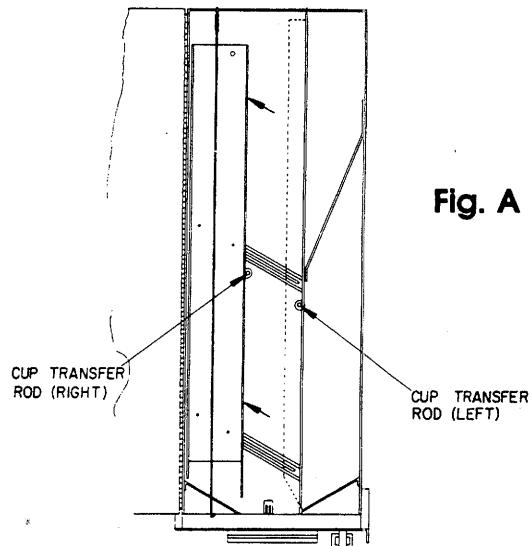
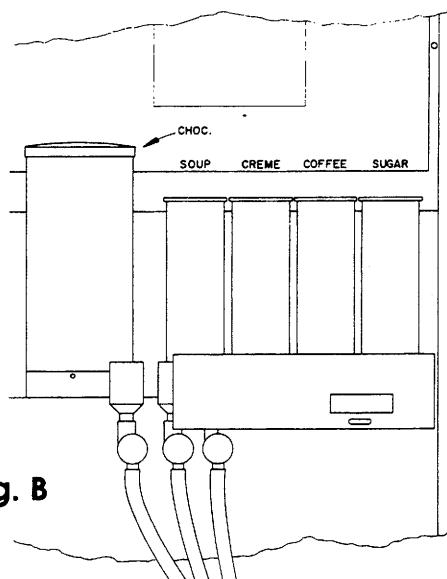


Fig. C

PRODUCT LOADING

1. Open the cup dispenser door. Then slide the cup transfer channel to the right side, and swing the cup transfer gate to the left side. Make sure that each side is held in place by a rod that comes through the back of the cup dispenser cabinet. (See Fig. A.)
2. Load outside two columns first, and load

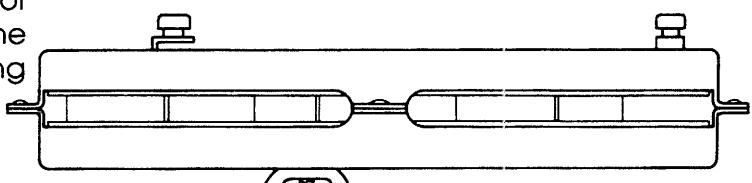
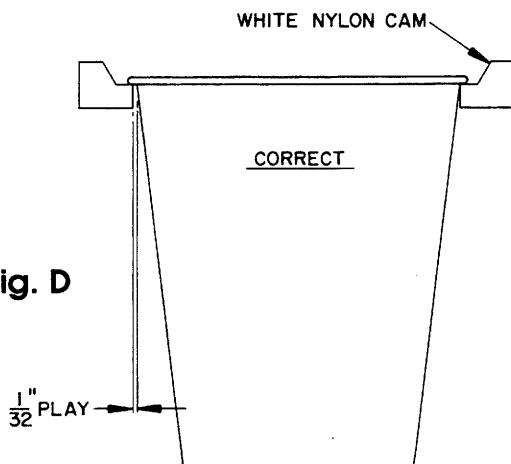


the center column last. On the right side the flat spring must be pressed back against the side of the cup dispenser cabinet.

3. Fill the product canister to within a few inches of the top of the canister, making sure the correct product is in the correct canister. (See Fig. B.)
4. Vend all the selection until the product is dispensed properly.

CUP RING ADJUSTMENT

1. Loosen the wing nut on the underside of the cup ring. Set the cam opening to the approximate size of the cup by rotating the outer case of the cup ring.



WING NUT

2. Drop a single cup into the ring. Adjust the ring until lip of cup rests on the surface of all six cams.
3. The cup must be free to rotate, but not to exceed $1/32"$ total clearance. (See Fig. D.)
4. Retighten the wing nut.

PRODUCT ADJUSTMENT

The amount of water and ingredient dispensed has been preset at the factory.

WATER ADJUSTMENT:

There are separate water adjustments for hot chocolate, soup and coffee.

Turn the adjustment screw as follows: counterclockwise to increase or clockwise to decrease.

INGREDIENT ADJUSTMENT:

The ingredients are adjusted by cams on the timer assembly. Coffee is red, chocolate is blue, and soup is green. The front cam of each pair is stationary, with the color-coded cam of each pair being adjustable.

Before loosening the wing nut, note the position of each cam. After each adjustment re-tighten the wing nut.

Coffee: (freeze dry or powder)

1. To decrease, increase number of red spaces.
2. To increase, decrease number of red spaces.

Chocolate:

1. To decrease, decrease number of blue spaces.
2. To increase, increase number of blue spaces.

Soup:

1. To decrease, decrease number of green spaces.
2. To increase, increase number of green spaces.

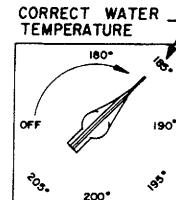
For increased amounts of powdered coffee:

1. If more coffee is desired than can be obtained in the standard position, remove the stationary cam of the red pair, and turn the cam half a turn on the square shaft. Then move the wire from the NC terminal to the NO terminal of the cam switch.
2. To decrease, decrease number of red spaces.
3. To increase, increase number of red spaces.

TROUBLESHOOTING

- I. Machine rejects all coins — display lamp off.
 - A. Machine unplugged — plug in machine.
 - B. Fuse or circuit breaker tripped in building electrical service — replace fuse or reset circuit breaker.
 - C. Waste bucket full — empty waste bucket.
 - D. Defective waste bucket float switch — replace switch.
 - E. Damaged or defective power cord — repair or replace.
 - F. Tripped or defective 5 amp circuit breaker — reset or replace.
 - G. Broken or disconnected black, white, black-pink, or black-white wire — connect or repair wire, or replace harness.
 - H. Disconnected or loose door harness plugs — make sure the two plugs are locked together.
- II. Machine rejects all coins — display lamp on.
 - A. Out of cups — fill machine with cups (See page 9).
 - B. Credit already established — make a selection.
 - C. Sold-out switch broken or out of adjustment — replace or readjust (See page 31, item 29).
 - D. Machine not level — level machine (See page 4).
 - E. Defective coin mechanism — repair or replace.
 - F. Dirt or foreign material in coin acceptor — clean coin acceptor (See page 35).
 - G. Defective or unplugged credit relay — replace or plug in credit relay.
 - H. Cup drop plug loose or unplugged — make sure the two plugs are locked together.
 - I. Disconnected or broken orange-black, orange-green, or black-white wire — connect or repair wire, or replace harness.
- III. Machine accepts coins, but will not vend any selection.
 - A. Defective credit relay — replace (refer to label in machine for placement).
 - B. Credit relay not holding in.
 - 1. Defective credit relay — replace.
 - 2. Defective relay reset switch on timer — replace switch. (See wiring diagram for placement.)
 - 3. Broken or disconnected purple-white wire — connect or repair wire or replace harness.
 - C. Timer motor not starting.
 - 1. Defective timer motor — repair or replace.
 - 2. Disconnected or broken black-red, white, or purple wire — connect or repair wire, or replace harness.
 - D. Defective coin mechanism — repair or replace.
 - E. Disconnected or broken orange-white wire — connect or repair wire, or replace harness.
- IV. Machine accepts coins, but does not vend on one or more selections.
 - A. Selection switch broken or out of adjustment — replace or readjust. (See page 33, item 29.)
 - B. Defective or unplugged selection relay(s) — replace or plug in relay(s) (Refer to label in machine for placement).
 - C. Broken or disconnected selection switch wire(s) — repair or connect wire(s), or replace harness. (See wiring diagram for wire color callout.)
- V. Machine vends properly, but pays wrong or no change.
 - A. Coin mechanism out of change — fill change tubes.
 - B. Defective coin mechanism — repair or replace.
 - C. Vend price set incorrectly — set vend price correctly. (See page 7 for Coinco, and page 8 for National.)

- VI. Coin mechanism accepts dimes and nickels but no quarters, and correct change light is on. (For Coinco only.)
- Check to see if change tubes have enough change — fill change tubes.
 - Check to see if change empty switch in coin mechanism is activated — repair or replace.
- VII. Coin mechanism accepts dimes and nickels but no quarters, and correct change light is out. (For Coinco only.)
- Check for burned out change light — replace. (See page 33, item 44.)
 - Check coin acceptor for foreign material in quarter track — clean coin acceptor. (See page 35.)
 - Quarter C.R.E.M. may be defective — repair or replace coin mechanism.
 - Defective coin mechanism — repair or replace.
- VIII. Coin mechanism accepts quarters, but no nickels and dimes. (Change in tubes.) (For Coinco only.)
- Check coin acceptor for foreign material in the dime and nickel tracks — clean coin acceptor. (See page .)
 - Nickel-dime C.R.E.M. may be defective — repair or replace coin mechanism.
 - Defective coin mechanism — repair or replace.
- IX. Selection vends wrong product.
- Canisters loaded incorrectly — load canisters correctly. (See page 9.)
 - Selection switches wired incorrectly — wire switches correctly. (See wiring diagram for correct position of wires.)
 - Canister motors wired incorrectly — wire motors correctly. (See wiring diagram for correct position of wires.)
- X. No water from dispensing line(s).
- Water supply turned off — turn water supply on.
 - Water dump valve defective — replace. (See page 27, item 30.)
 - Disconnected or broken wire(s) to dump valve(s) — connect or repair wire, or replace harness. (See wiring diagram for wire colors.)
 - Stuck float in hot water tank — make float move freely. (See page 27, items 17, 18.)
 - Water tank float switch defective or out of adjustment — replace or readjust. (See page 27, item 21.)
 - Disconnected or broken white or white-red wire(s) to float switch — connect or repair wire(s) or replace harness.
- XI. Water does not shut off — water inlet valve.
- Stuck float in hot water tank — make float move freely.
 - Defective tank float — replace. (See page 27, item 17.)
 - Water tank float switch out of adjustment or defective — readjust or replace. (See page 27, item 21.)
 - Defective water inlet valve — replace. (See page 29, item 30.)
- XII. Water does not shut off — water dump valve.
- Defective water dump valve — replace. (See page 27, item 30.)
 - Timer not turning. (See Heading III, Section C.)
- XIII. Water not hot.
- Thermostat set too low — set thermostat correctly.

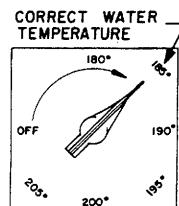


- Thermostat defective — replace. (See page 29, item 7.)
- Safety thermostat defective — replace. (See page 27, item 3.)
- Defective or blown 15 amp circuit breaker — replace or reset. (See page 29, item 25.)

- E. Water tank float switch defective or out of adjustment — replace or readjust. (See page 27, item 21.)
- F. Defective heater element — replace. (See page 27, item 6.)
- G. Disconnected or broken black-orange, black-yellow, or black-green wire(s) to thermostat — connect or repair wire(s) or replace harness.
- H. Disconnected or broken black-green or white-black wire(s) to heater element — connect or repair wire(s) or replace harness.
- I. Disconnected or broken white-black or white wire(s) to water tank float switch — connect or repair wire(s) or replace harness.

XIV. Water too hot.

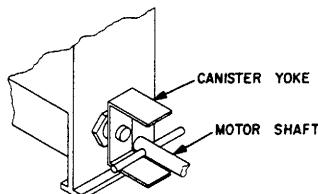
- A. Thermostat set too high — set correctly.



- B. Defective thermostat — replace. (See page 29, item 7.)

XV. Machine drops cups and vends water, but no product.

- A. Timer ingredient switches defective or out of adjustment — replace or readjust. (See wiring diagram for placement of switches.)
- B. Defective ingredient motor — repair or replace. (See page 29, item 75, 77.)
- C. Disconnected or broken wire(s) to timer ingredient switches — connect or repair wire(s) or replace harness. (See wiring diagram for wire color and correct positions.)
- D. Disconnected or broken wire(s) to ingredient motors — connect or repair wire(s) or replace harness. (See wiring diagram for wire color and correct positions.)
- E. Canister is not hooked into motor correctly — install canister correctly.



XVI. No cups delivered.

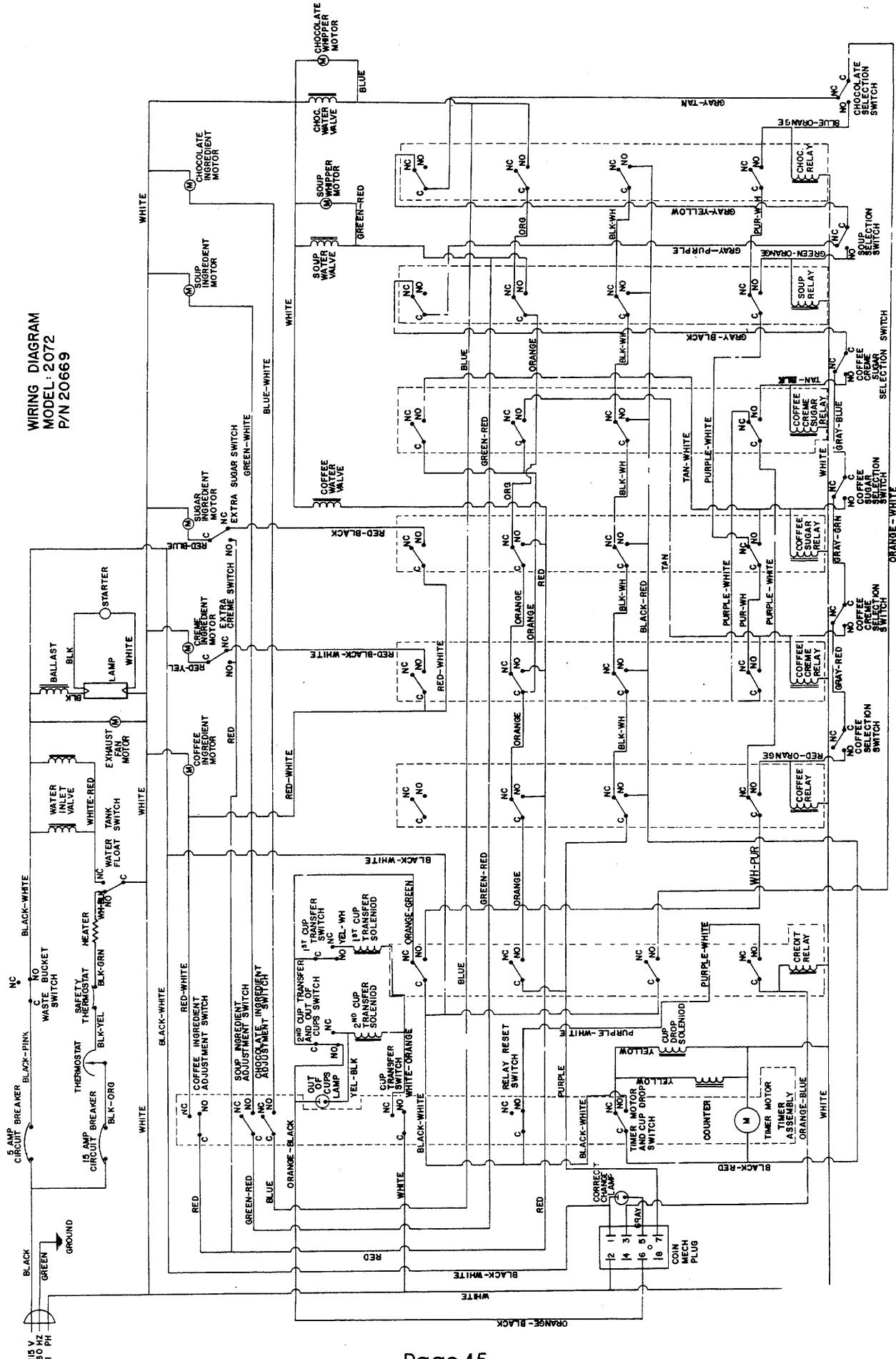
- A. Cup sold out switch out of adjustment or defective — readjust or replace. (See page 31, item 29.)
- B. Cups jammed in cup ring — unjam cups and make sure cup ring activates smoothly.
- C. Cup ring out of adjustment — readjust. (See page 9.)
- D. Cups hung up in cup drop cabinet — eliminate whatever is causing the cups to hang up.
- E. Defective cup drop solenoid — replace. (See page 31, item 13.)
- F. Cups trapped by premature cup transfer.
 - 1. Plastic tubing missing from transfer rods — install. (See page 31, item 43.)
 - 2. Cup transfer switch out of adjustment or defective — readjust or replace. (See page 31, item 31.)
- G. Defective cup ring — repair or replace. (See page 31, item 19.)
- H. Disconnected or broken yellow or black-red wire — connect or repair wire(s), or replace harness.

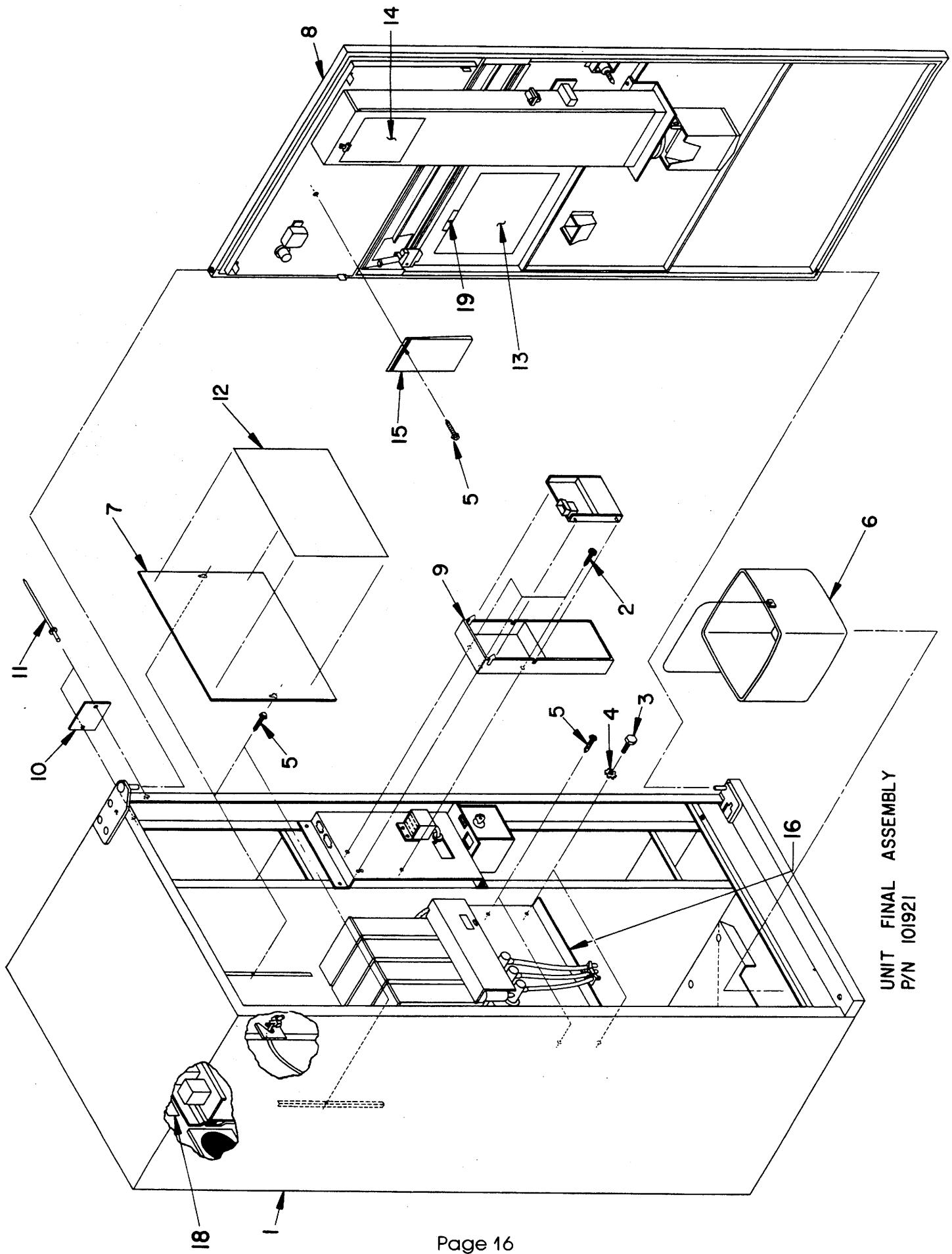
XVII. Machine pre-selects one selection.

- A. Selection switch stuck, out of adjustment, or defective — make switch move freely, readjust, or replace. (See page 33, item 29.)
- B. Defective selection relay — replace. (See label in machine for placement.)

- XVIII. Machine continues to cycle — no vend made.
- A. Timer switch defective or out of adjustment — replace or readjust. (See wiring diagram for placement.)
 - B. Timer motor coasting due to armature not disengaging — repair or replace. (See page 25, item 1.)
- XIX. Machine continues to cycle — vends are made.
- A. Credit relay defective — replace. (See label in machine for placement.)
 - B. Relay reset switch defective — replace. (See wiring diagram for placement.)
 - C. Defective coin mechanism — repair or replace.
- XX. No cups transfer.
- A. Cup transfer solenoid(s) defective — replace. (See page 31, item 21.)
 - B. Cup transfer switch defective or out of adjustment — readjust or replace. (See page 31, item 31.)
 - C. Cup transfer switch on timer defective — replace. (See wiring diagram for placement.)
 - D. Disconnected or broken orange-green, yellow-black, yellow-white, or white-orange wire-connector repair wire(s) or replace harness.

WIRING DIAGRAM
MODEL: 2072
P/N 20669

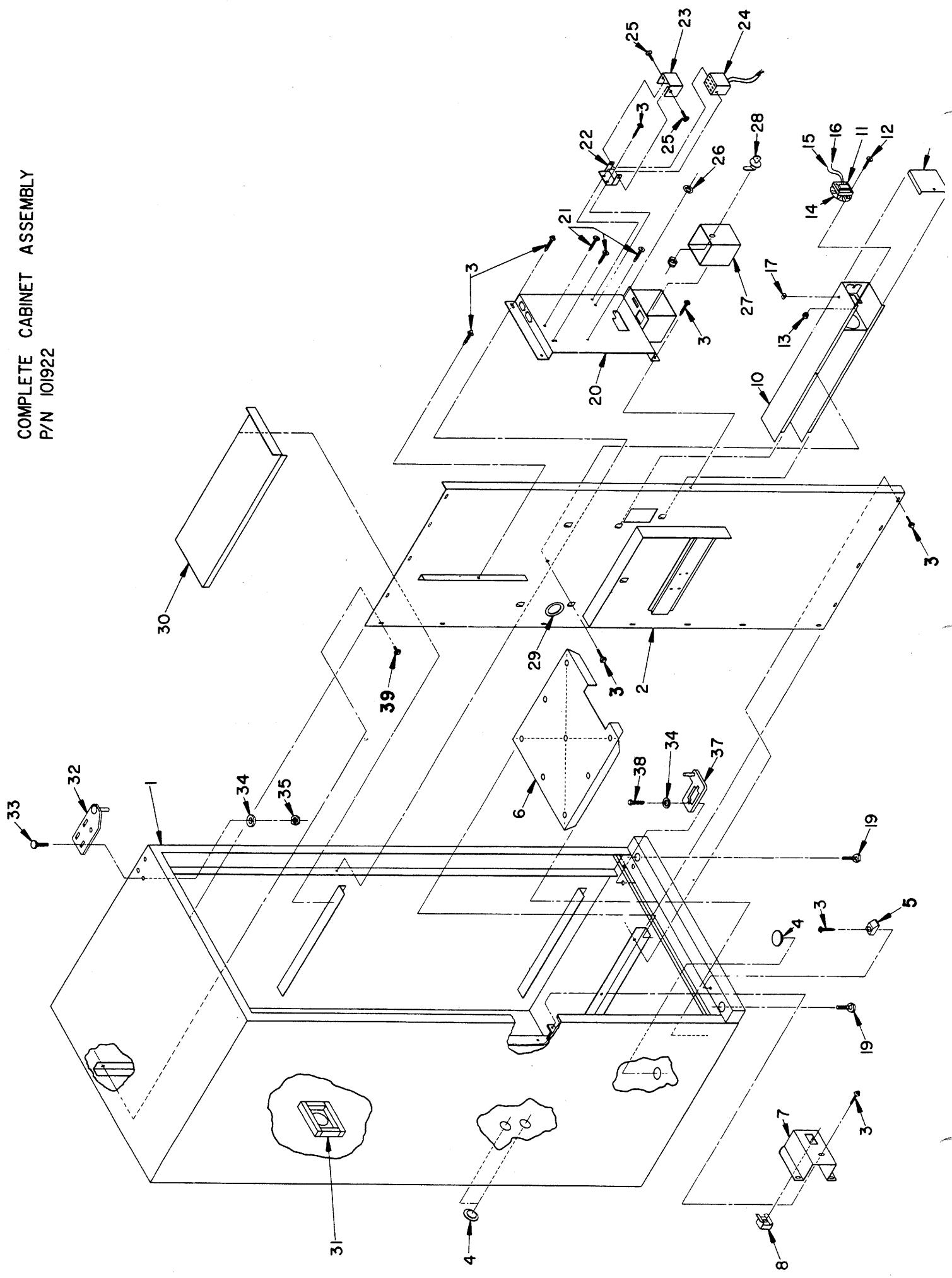




| Item | Part No. | Quantity | Description |
|------|--------------------|----------|--|
| 18 | 206686 | 1 | Relay Label |
| 19 | 20687 | 1 | Model Label - Blank |
| 20 | 102156 (Not shown) | 1 | Complete Wire Harness Ass'y. |
| | | | Fan Wire - White |
| | | | Fan Wire - Black |
| | | | Relay Harness |
| | | | Tank Harness |
| | | | Chassis Harness |
| | | | Door Harness |
| | | | Cup Drop Harness |
| | | | Timer Harness |
| | | | Elbow 3 ¹ / ₈ Fl x 1 ¹ / ₄ 90° Brass |
| | | | Needle Seat Valve & Saddle |
| | | | Clamp Ass'y. |
| | | | 5/16 O.D. Tubing to 1/4 MPT |
| | | | Compression Male Elbow |
| | | | 1/4 O.D. 1/4 Pt. Flare Elbow |

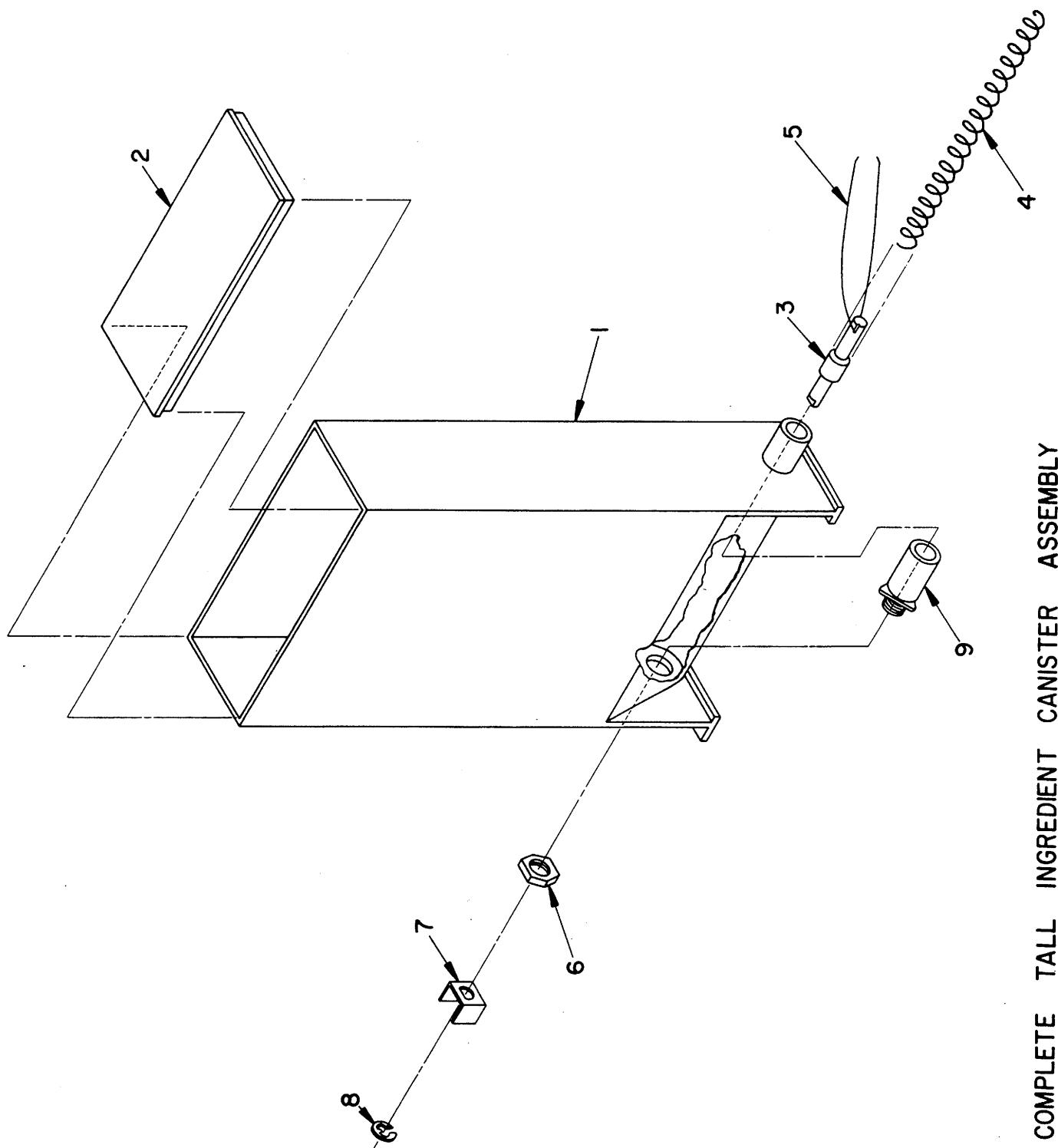
| Item | Part No. | Quantity | Description |
|------|--------------------|----------|---|
| 1 | 101922 | 1 | Complete Cabinet Assembly |
| 2 | 50180 | 1 | #8-18 x 1 ¹ / ₂ Phil. Pan HD. Tek |
| 3 | 50434 | 2 | #14 x 3 ¹ / ₈ Hex HD. Type "B" S.M.S. |
| 4 | 50593 | 2 | 1/4 Ext. Shake Proof Lock Washer HD. |
| 5 | 50202 | 4 | *8-18 x 1 ¹ / ₂ Phil. Hex Washer HD. |
| 6 | 60324 | 1 | Tek |
| 7 | 9733 | 1 | Waste Bucket |
| 8 | 101905 | 1 | Chassis Cover |
| 9 | 60358 either/or | 1 | Complete Door Assembly |
| | 60325 | 1 | Coinco S-75-9800A-807 |
| | | | National EM5-75 Changer |
| 10 | | 1 | Serial Plate |
| 11 | 50667 | 2 | Pop Rivet |
| 12 | 20671 | 1 | Chassis Cover Instruction Label |
| 13 | 20669 | 1 | Wiring Diagram |
| 14 | XXXXX | 1 | Customer Price List/Order Blank |
| 15 | 102259 | 1 | Selection & Price Label |
| 16 | 101928 | 1 | Package |
| 17 | 102250 (Not shown) | 1 | Complete Chassis Ass'y. |
| | | | Service Package |

COMPLETE CABINET ASSEMBLY
P/N 101922



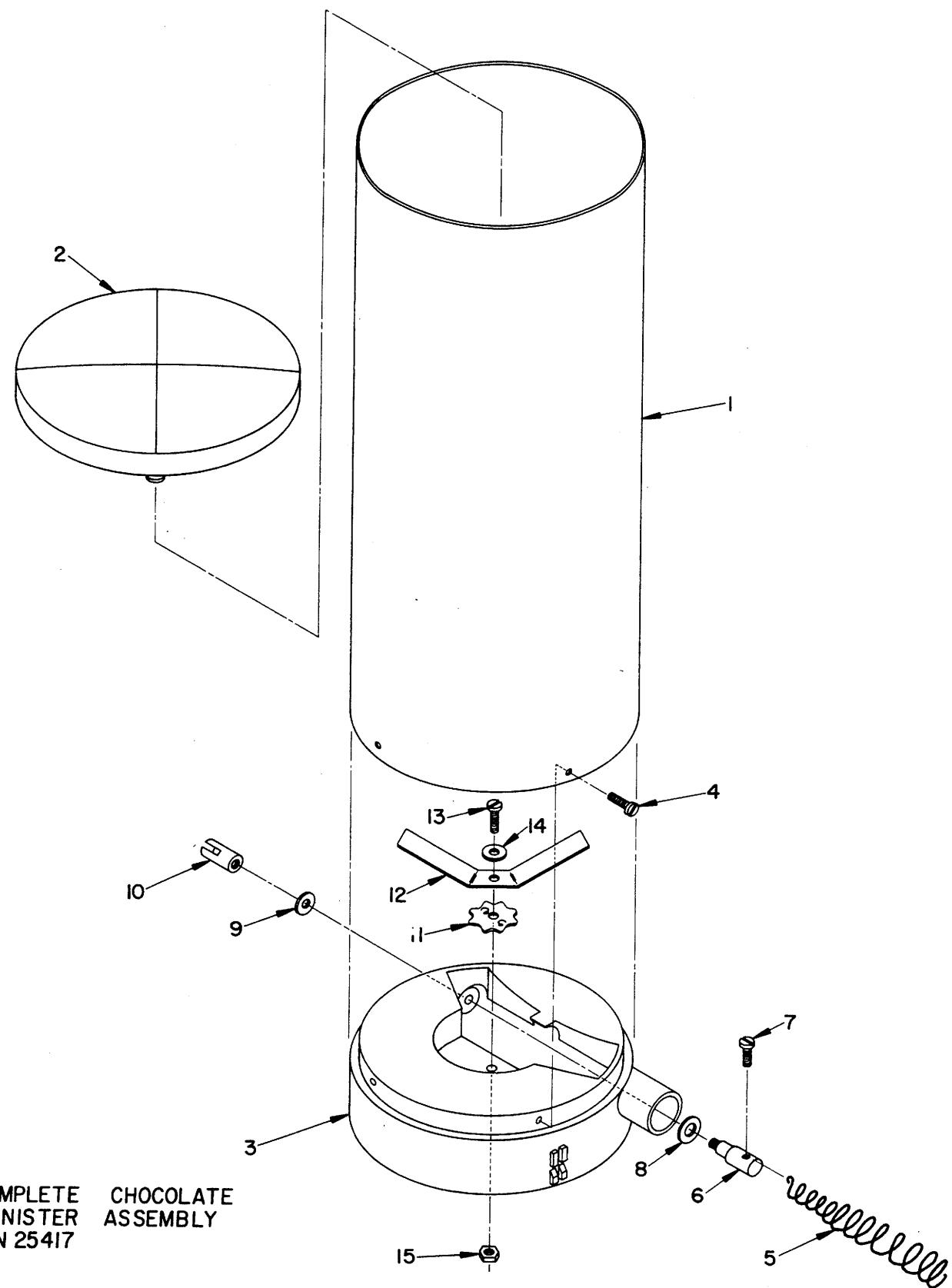
| Item | Part No. | Quantity | Description | Item | Part No. | Quantity | Description |
|------|--------------------|----------|-----------------------------------|------|-------------------|----------|-----------------------------------|
| 1 | 101906 | 1 | Cabinet Weld Assembly | 22 | 7127 | 1 | Coin Mech. Plug Bracket |
| 2 | 102171 | 1 | Cabinet Divider Weld Assembly | 23 | 33526 | 1 | Jones Plug Insulator |
| 3 | 50202 | 15 | #8 x 18 x 1/2 Phil/Hex Washer HD. | 24 | 33607 | 1 | Female Plug |
| | | | Tek | 25 | 50112 | 2 | *6-32 x 1/4 Phil. Pan HD. M.S. |
| 4 | 25-0135-002 | 4 | Floor Plug 1" Dia. | 26 | 33672 | 1 | Grommet |
| 5 | 25610 | 1 | Door Glide | 27 | 101137 | 1 | Coin Box Weld Assembly |
| 6 | 9740 | 1 | Cabinet Sub-Floor | 28 | 20-0253-XXX | 1 | Coin Box Lock |
| 7 | 9741 | 1 | Lock Nut Bracket | 29 | 33652 | 4 | Grommet Material |
| 8 | 50760 | 1 | 1/2-13 Lock Nut | 30 | 9731 | 2 | Cabinet Storage Shelf |
| 9 | 101926 (Not shown) | 1 | Complete Fan Duct Base Ass'y. | 31 | 96-0266-000 | 24" | Foam Tape |
| 10 | 102228 | 1 | Turbo-Flow Duct Weld Assembly | 32 | 101127 | 1 | Upper Hinge Stake Assembly |
| 11 | 33651 | 1 | Fan Motor | 33 | 50099 | 3 | 5/16-18 x 3/4 Carriage Bolt |
| 12 | 50145 | 2 | *6-32 x 7/8 Phil. Round HD. M.S. | 34 | 18-614-000 | 3 | 5/16 Lock Nut Washer Pl't'd. |
| 13 | 50505 | 2 | *6-32 Twin Whiz Nut | 35 | 50066 | 3 | 1/4-14 x 3/4 Ind. Hex Washer HD. |
| 14 | 33844 | 1 | Fan Blade (Part of P/N 33651) | 36 | 50371 (Not shown) | 1 | Tek |
| 15 | 33738 | 1 | Fan Wire | 37 | 60-0018-000 | 1 | Lower Hinge Stake Assembly |
| 16 | 33730 | 1 | Fan Wire (Neutral Harness) | 38 | 50072 | 2 | 5/16-18 x 3/4 Hex HD. Bolt |
| 17 | 33671 | 1 | Grommet | 39 | 50420 | 12 | *8 x 1/4 Phil/Hex Washer HD. Type |
| 18 | 9313 | 1 | Duct Cap | | | | "B" |
| 19 | 60310 | 4 | Leg Levelers | | | | Exhaust Fan Motor Assembly |
| 20 | 101944 | 1 | Coin Mech. Mtg. Brkt. Weld | | | | — Complete |
| 21 | 50180 | 3 | Ass'y. | | | | |
| | | | #8-18 x 1/2 Phil. Pan HD. Tek | | | | |

| Item | Part No. | Quantity | Description |
|------|--------------------|----------|-----------------------------------|
| 1 | 101906 | 1 | Cabinet Weld Assembly |
| 2 | 102171 | 1 | Cabinet Divider Weld Assembly |
| 3 | 50202 | 15 | #8 x 18 x 1/2 Phil/Hex Washer HD. |
| | | | Tek |
| 4 | 25-0135-002 | 4 | Floor Plug 1" Dia. |
| 5 | 25610 | 1 | Door Glide |
| 6 | 9740 | 1 | Cabinet Sub-Floor |
| 7 | 9741 | 1 | Lock Nut Bracket |
| 8 | 50760 | 1 | 1/2-13 Lock Nut |
| 9 | 101926 (Not shown) | 1 | Complete Fan Duct Base Ass'y. |
| 10 | 102228 | 1 | Turbo-Flow Duct Weld Assembly |
| 11 | 33651 | 1 | Fan Motor |
| 12 | 50145 | 2 | *6-32 x 7/8 Phil. Round HD. M.S. |
| 13 | 50505 | 2 | *6-32 Twin Whiz Nut |
| 14 | 33844 | 1 | Fan Blade (Part of P/N 33651) |
| 15 | 33738 | 1 | Fan Wire |
| 16 | 33730 | 1 | Fan Wire (Neutral Harness) |
| 17 | 33671 | 1 | Grommet |
| 18 | 9313 | 1 | Duct Cap |
| 19 | 60310 | 4 | Leg Levelers |
| 20 | 101944 | 1 | Coin Mech. Mtg. Brkt. Weld |
| 21 | 50180 | 3 | Ass'y. |



COMPLETE TALL INGREDIENT CANISTER ASSEMBLY
P/N 25548

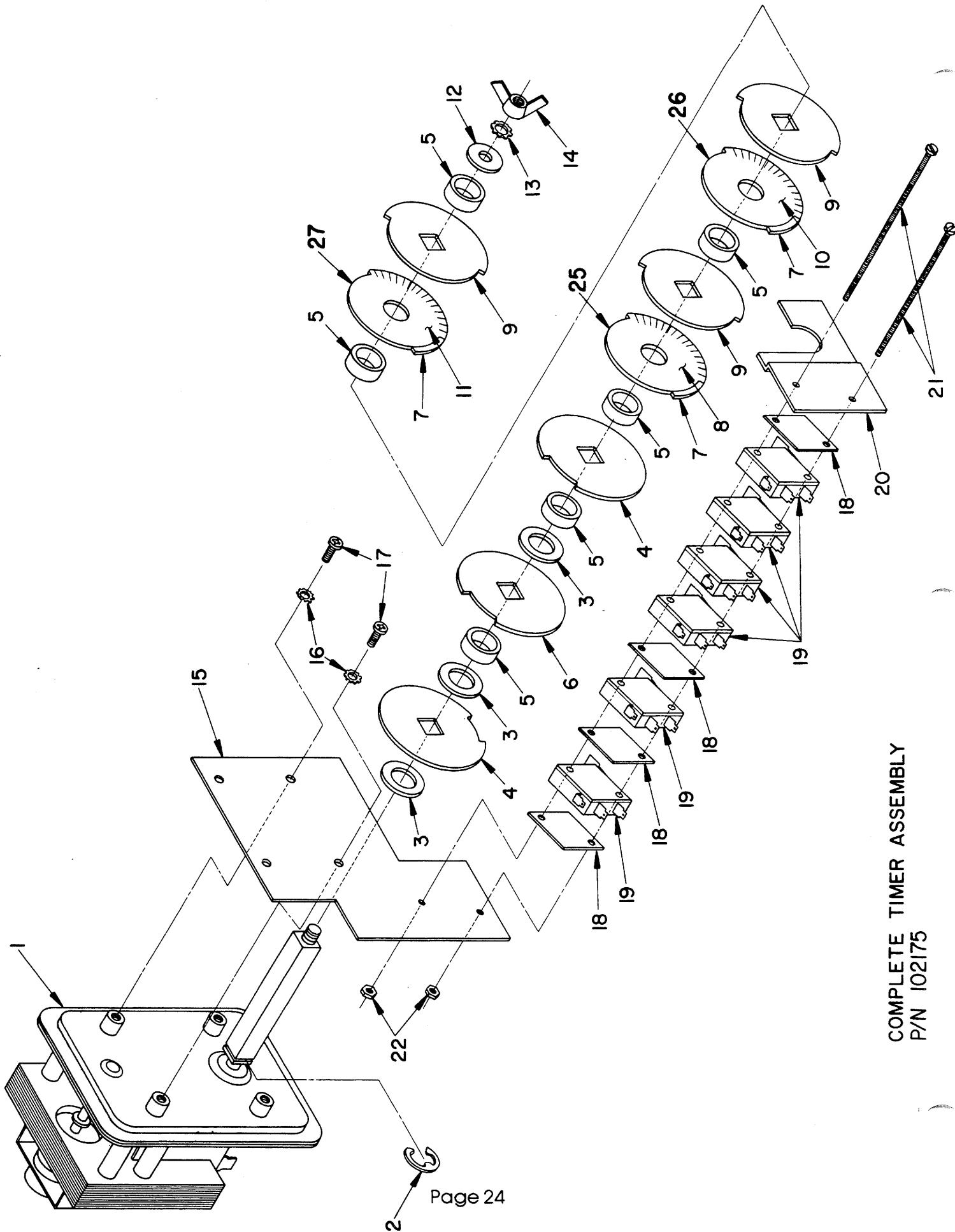
| Item | Part No. | Quantity | Description |
|------|----------|----------|----------------------------|
| 1 | 25542 | 1 | Ingredient Canister - Tall |
| 2 | 25515 | 1 | Lid |
| 3 | 60427 | 1 | Stub Shaft |
| 4 | 60428 | 1 | Auger Spring |
| 5 | 25509 | 1 | Agitator Spring |
| 6 | 25514 | 1 | Nut |
| 7 | 60429 | 1 | Clevis |
| 8 | 50596 | 1 | E-Ring Retainer |
| 9 | 25669 | 1 | Nylon Bearing |



COMPLETE CHOCOLATE
CANISTER ASSEMBLY
P/N 25417

| Item | Part No. | Quantity | Description |
|------|----------|----------|--|
| Item | Part No. | Quantity | |
| Item | Part No. | Quantity | |
| 1 | 25516 | 1 | Chocolate Canister |
| 2 | 25517 | 1 | Lid |
| 3 | 25518 | 1 | Canister Base |
| 4 | 50239 | 3 | #8-32 x 3/8 Phil. Pan HD. Type "23" Self Thread |
| 5 | 25519 | 1 | Auger Spring |
| 6 | 25520 | 1 | Stub Shaft #6-32 x 3/8 Phil. Pan HD. Type "23" Self Thread |
| 7 | 25526 | 1 | Stainless Steel Washer |
| 8 | 25524 | 1 | Brass Washer |
| 9 | 25525 | 1 | Yoke |
| 10 | 25521 | 1 | Agitator Sprocket |
| 11 | 25522 | 1 | Agitator |
| 12 | 25523 | 1 | #10-32 x 5/8 Phil. Pan HD. M.S. Flat Washer |
| 13 | 25527 | 1 | #10-32 Hex Nut |
| 14 | 25528 | 1 | |
| 15 | 25529 | 1 | |

| Item | Part No. | Quantity | Description |
|------|----------|----------|--|
| Item | Part No. | Quantity | |
| Item | Part No. | Quantity | |
| 1 | 25516 | 1 | Chocolate Canister |
| 2 | 25517 | 1 | Lid |
| 3 | 25518 | 1 | Canister Base |
| 4 | 50239 | 3 | #8-32 x 3/8 Phil. Pan HD. Type "23" Self Thread |
| 5 | 25519 | 1 | Auger Spring |
| 6 | 25520 | 1 | Stub Shaft #6-32 x 3/8 Phil. Pan HD. Type "23" Self Thread |
| 7 | 25526 | 1 | Stainless Steel Washer |
| 8 | 25524 | 1 | Brass Washer |
| 9 | 25525 | 1 | Yoke |
| 10 | 25521 | 1 | Agitator Sprocket |
| 11 | 25522 | 1 | Agitator |
| 12 | 25523 | 1 | #10-32 x 5/8 Phil. Pan HD. M.S. Flat Washer |
| 13 | 25527 | 1 | #10-32 Hex Nut |
| 14 | 25528 | 1 | |
| 15 | 25529 | 1 | |

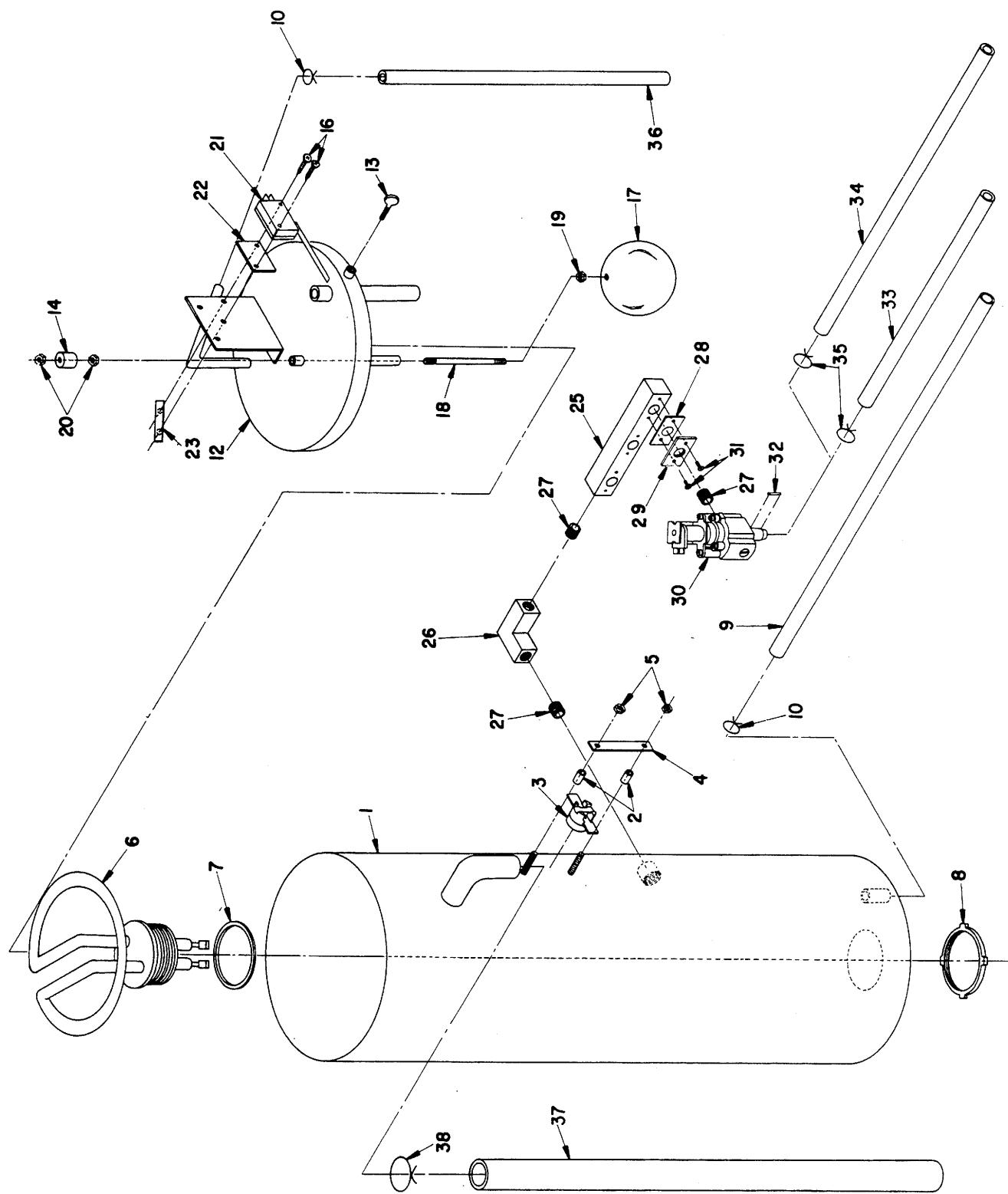


COMPLETE TIMER ASSEMBLY
P/N 102175

| Item | Part No. | Quantity | Description |
|------|-------------------|----------|---|
| 16 | 50585 | 2 | #8 Ext. Shake Proof Lock Washer |
| 17 | 50240 | 2 | #8-32 x 3/8 Phil. HD. M.S. |
| 18 | 33706 | 4 | Switch Insulator |
| 19 | 33593 | 6 | Timer Switch |
| 20 | 7688 | 1 | Timer Shaft Bracket |
| 21 | 50062 | 2 | #4-40 x 27/8 Slotted RD. HD. M.S. |
| 22 | 50517 | 2 | #4-40 Hex Nut |
| 23 | 34145 (Not shown) | 1 | Timer Harness (Part of Complete Wire Harness Ass'y. P/N 102156) |
| 25 | 100305 | 1 | Ingredient Adjustable Cam Ass'y. (Green) |
| 26 | 100306 | 1 | Ingredient Adjustable Cam Ass'y. (Blue) |
| 27 | 100304 | 1 | Ingredient Adjustable Cam Ass'y. (Red) |

| Item | Part No. | Quantity | Description |
|------|----------|----------|-----------------------------------|
| 1 | 34148 | 1 | Timer Motor (Long Shaft) |
| 2 | 50758 | 1 | Shaft Retainer Ring |
| 3 | 50608 | 3 | 1" O.D. x 17/32 I.D. Timer Spacer |
| | | | Washer |
| 4 | 5708 | 2 | Timer Cam |
| 5 | 30117 | 6 | Cam Spacer |
| 6 | 7709 | 1 | Clearing Cam |
| 7 | 5731 | 3 | Ingredient Adjustable Cam |
| 8 | 20078 | 1 | Label — Timer Cam (GREEN) |
| 9 | 5748 | 3 | Ingredient Stationary Cam |
| 10 | 20079 | 1 | Label — Timer Cam (BLUE) |
| 11 | 20077 | 1 | Label — Timer Cam (RED) |
| 12 | 50594 | 1 | 1/4 Flat Wrought Washer |
| 13 | 50593 | 1 | 1/4 Ext. Shake Proof Lock Washer |
| 14 | 50530 | 1 | 1/4 — 20 Wing Nut |
| 15 | 8940 | 1 | Timer Switch Bracket |

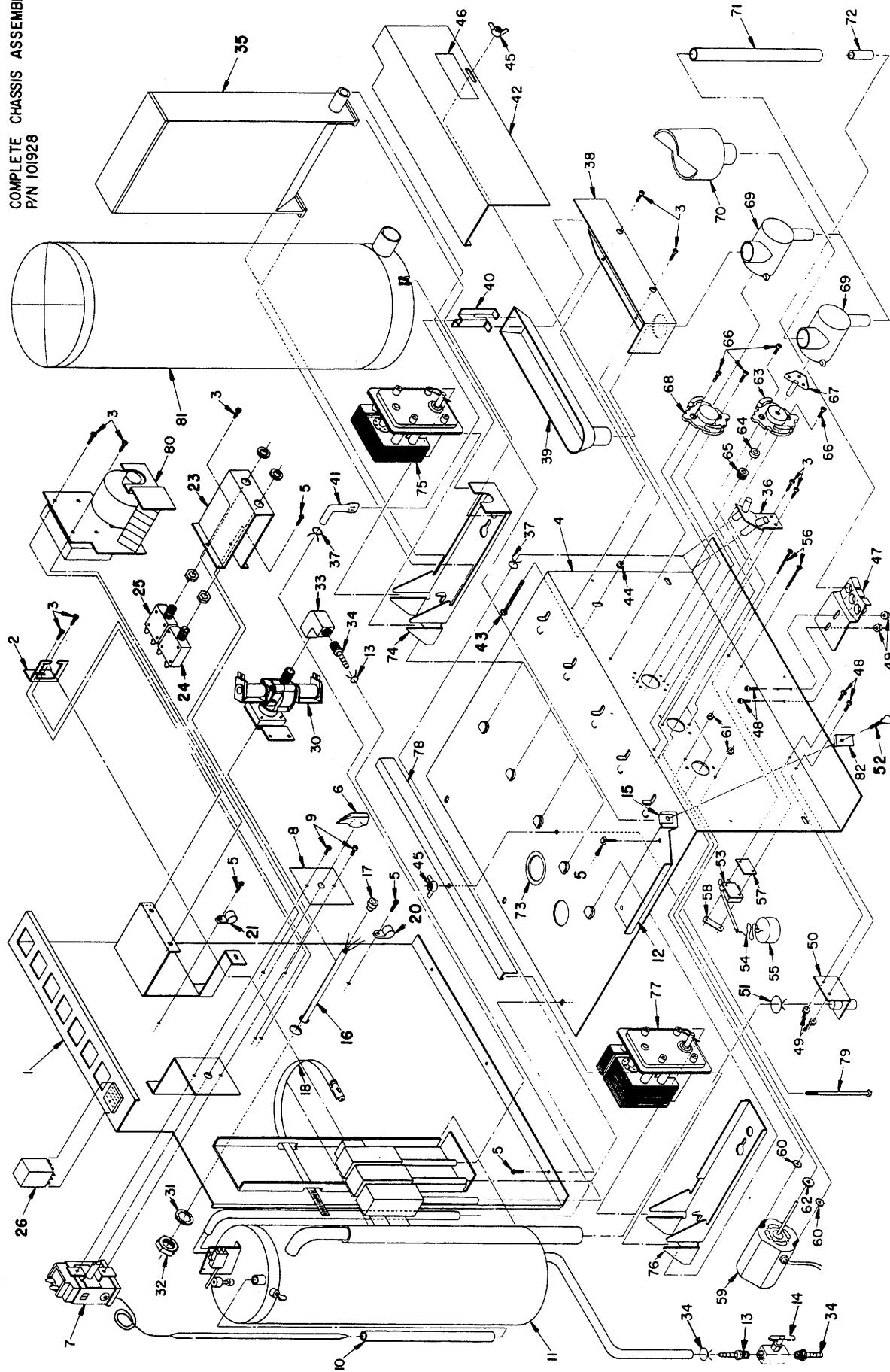
HOT WATER TANK AND MANIFOLD ASSEMBLY
P/N 102300



| Item | Part No. | Quantity | Description |
|------|--------------------|----------|-------------------------------------|
| 20 | 50520 | 2 | * 10-32 Nylon Nut |
| 21 | 34139 | 1 | Water Tank Float Switch |
| 22 | 33706 | 1 | Switch Insulator |
| 23 | 50586 | 1 | Twin Speed Nut — Tinnerman |
| 24 | 101981 (Not shown) | 1 | Complete Water Tank Ass'y. |
| 25 | 30123 | 1 | Dump Valve Manifold |
| 26 | 60110 | 1 | 1/4" Brass Elbow 45° |
| 27 | 60107 | 5 | 1/4" Close Brass Nipple |
| 28 | 60117 | 3 | Valve Gasket |
| 29 | 30115 | 3 | Manifold Valve Plate |
| 30 | 34025 | 3 | Dump Valve |
| 31 | 50217 | 6 | * 8-32 x 5/16 Phil. Pan HD. Brass |
| M.S. | | | |
| | | | 1/8 Dia. x 3/4 Long Roll Pin |
| | | | Stainless Steel |
| | | | Tubing Approx. 18" Long Each |
| | | | Tubing Approx. 24" Long |
| | | | 11/16 O.D. Hose Clamp |
| | | | Tubing Approx. 19" Long |
| | | | 5/8 I.D. x 3/4 O.D. Tubing 36" Long |
| | | | 3/4 O.D. Hose Clamp |

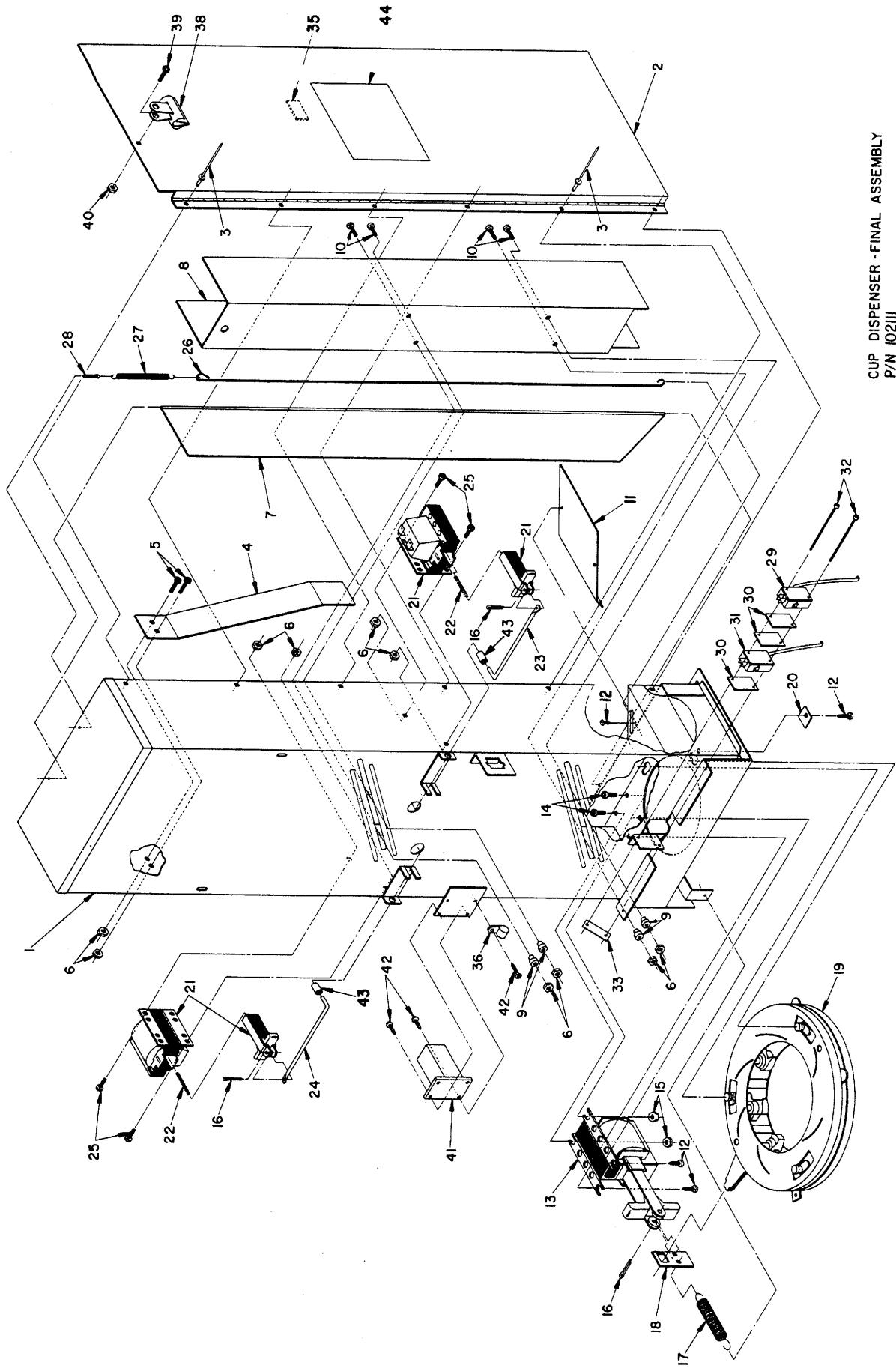
| Item | Part No. | Quantity | Description |
|------|--------------------|----------|---|
| 1 | 101950 | 1 | Hot Water Tank Weld Ass'y. |
| 2 | 60174 | 2 | Spacer |
| 3 | 33598 | 1 | Thermostat — Safety |
| 4 | 21064 | 1 | Thermostat Retaining Spring |
| 5 | 50513 | 2 | *#8-32 Twin Whiz Nut |
| 6 | 33633 | 1 | Immersion Heater |
| 7 | 60122 | 3 | Element Gasket |
| 8 | 50557 | 1 | 1" Conduit Lock Nut |
| 9 | 25408 | 1 | 3/8 O.D. Tubing Approx. 36" Long |
| 10 | 60104 | 2 | 3/8 O.D. Hose Clamp |
| 11 | 101982 (Not shown) | 1 | Complete Water Tank Lid Ass'y. |
| 12 | 101954 | 1 | Water Tank Lid Weld Assembly |
| 13 | 50260 | 1 | * 8-32 x 3/4 Thumb Screw |
| 14 | 25256 | 1 | Caplug |
| 15 | 34141 (Not shown) | 1 | Water Tank Harness (Part of Complete Wiring Ass'y. PIN 102156) |
| 16 | 50004 | 2 | * 4 x 3/4 Phil. Pan HD. S.M.S. |
| 17 | 60115 | 1 | Float |
| 18 | 30113 | 1 | Float Rod |
| 19 | 50522 | 1 | * 10-32 Stainless Steel Nut |

COMPLETE CHASSIS ASSEMBLY
P/N 101928



| Item | Part No. | Quantity | Description | Part No. | Quantity | Description |
|------|--------------------|----------|---|----------|-----------|--|
| 1 | 102172 | 1 | Chassis Top Weld Ass'y. | 40 | 9755 | Coffee Water Hose Retaining Brkt. |
| 2 | 5805 | 1 | Manifold Bracket | 41 | 30374 | Coffee Water Hose Dispenser Tube |
| 3 | 50423 | 8 | #8 x 3/8" Phil. Pan HD. Type "AB" S.M.S. | 42 | 9315 | Air Housing Hood |
| 4 | 9736 | 1 | Chassis Base | 43 | 50377 | 1/4-20 x 3" Slotted Pan HD. M.S. |
| 5 | 50202 | 2 | #8-18 x 1/2" Phil. Hex Washer HD. Tek | 44 | 50531 | 1/4-20 Hex HD. Nut |
| 6 | 33579 | 1 | Selector Switch Knob | 45 | 50530 | 1/4-20 Wing Nut |
| 7 | 33932 | 1 | Adjustable Thermostat Label — Thermostat | 46 | 20412 | Label — Replace Before Operation |
| 8 | 20404 | 1 | #6-32 x 1/4" Phil. Pan HD. M.S. | 47 | 4666 | Spout Holder |
| 9 | 50112 | 2 | 1/2" I.D. x 5/8" O.D. Clear Tubing — Maylon | 48 | 50240 | #8-32 x 3/8" Phil. Pan HD. M.S. |
| 10 | 25412 | 9" | Water Tank & Manifold Ass'y. | 49 | 50513 | #8-32 Twin Whiz Nut |
| 11 | 102300 | 1 | Chocolate Tie Down Bracket | 50 | 102219 | Waste Bucket Hose Brkt. Ass'y. |
| 12 | 4426 | 1 | 3/8" O.D. Hose Clamp | 51 | 60401 | 3/4" O.D. Hose Clamp |
| 13 | 60104 | 2 | Brass Drain Valve | 52 | 50260 | #8-32 x 3/4" Thumb Screw |
| 14 | 60102 | 1 | Tinnerman Speed Nut | 53 | 34058 | Bucket Float Switch |
| 15 | 50633 | 1 | Power Cord | 54 | 60415 | Nylon Fishing Line |
| 16 | 33631 | 1 | Strain Relief Bushing | 55 | 25407 | Waste Bucket Float |
| 17 | 33683 | 1 | Hose Clamp 4 11/16 to 5" | 56 | 50004 | *4 x 3/4" Phil. Pan HD. S.M.S. |
| 18 | 60418 | 1 | Chassis Harness (Part of Complete wiring Ass'y. P/N 102156) | 57 | 33706 | Switch Insulator |
| 19 | 34142 (Not shown) | 1 | Wire Clamp 3/8" | 58 | 50586 | Twin Speed Nut — Tinnerman Blender Motor |
| 20 | 60116 | 1 | Wire Clamp 3/8" | 59 | 33649 | *8-32 Small Pattern Hex Nut |
| 21 | 09-0002-713 | 1 | Connector — Clg. | 60 | 50510 | *8 Ext. Shake Proof Lock Washer |
| 22 | 33527 (Not shown) | 8 | Retainer Seal | 61 | 50585 | Slinger Base |
| 23 | 8963 | 1 | Retainer Nut | 62 | 25422 | Blender Base |
| 24 | 33620 | 1 | Blender Housing | 63 | 25421-000 | Impeller Blade |
| 25 | 33850 | 1 | Blender Funnel | 64 | 25419 | Coffee Base |
| 26 | 33762 | 1 | Tubing @ Approx. 7" Long each | 65 | 25418 | Blender Motor |
| 27 | 34140 (Not shown) | 1 | Grommet Material | 66 | 50104 | "23" Self Thread |
| 28 | 101927 (Not shown) | 1 | Canister Holder | 67 | 25430 | Ingredient Outlet Nipple |
| 29 | 33697 | 1 | Ingredient Motor | 68 | 25420 | Chocolate Holder Weld Ass'y. |
| 30 | 50619 | 1 | Canister Holder | 69 | 25429 | Chocolate Motor |
| 31 | 31 | 1 | Motor Hold Down | 70 | 25428 | Motor Hold Down |
| 32 | 50553 | 1 | 1/4-20 x 4 1/2" Hex HD. Bolt | 71 | 25410 | 1/4-20 x 4 1/2" Hex HD. Bolt |
| 33 | 60109 | 1 | Timer Assembly | 72 | 30152 | Timer Assembly |
| 34 | 60111 | 1 | Chocolate Canister — Complete | 73 | 33652 | Chocolate Canister — Complete |
| 35 | 25548 | 4 | Tall Ingredient Canister — Complete | 74 | 34146 | Chocolate Tie Down Clamp |
| 36 | 100177 | 1 | Water Outlet Weld Ass'y. | 75 | 34147 | Chassis Top Ass'y. |
| 37 | 60105 | 2 | 1/2" O.D. Hose Clamp | 76 | 100168 | Chassis Bottom Ass'y. — Complete |
| 38 | 102075 | 1 | Water Through Plate Weld Ass'y. | 77 | 5797 | Water Through (With Tapered Sides) |
| 39 | 25635 | 1 | Water Through Plate Weld Ass'y. | 78 | 50388 | 102321 (Not shown) |
| | | | | 79 | 102175 | 102322 (Not shown) |
| | | | | 80 | 25417 | 1 |
| | | | | 81 | 5727 | 1 |
| | | | | 82 | 102321 | 1 |
| | | | | 83 | 102322 | 1 |
| | | | | 84 | | |

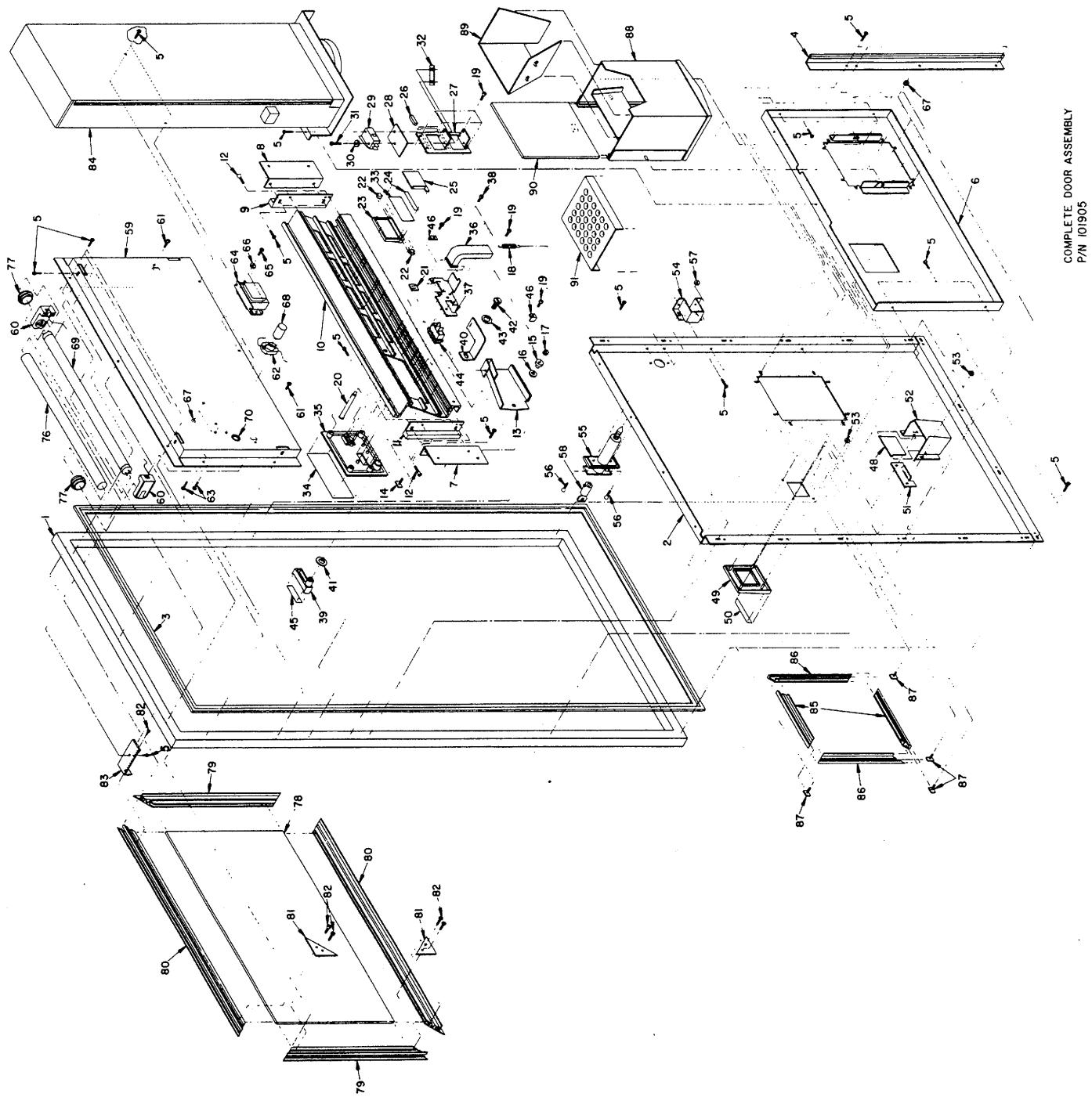
| Item | Part No. | Quantity | Description |
|------|--------------------|----------|---|
| 1 | 102172 | 1 | Chassis Top Weld Ass'y. |
| 2 | 5805 | 1 | Manifold Bracket |
| 3 | 50423 | 8 | #8 x 3/8" Phil. Pan HD. Type "AB" S.M.S. |
| 4 | 9736 | 1 | Chassis Base |
| 5 | 50202 | 2 | #8-18 x 1/2" Phil. Hex Washer HD. Tek |
| 6 | 33579 | 1 | Selector Switch Knob |
| 7 | 33932 | 1 | Adjustable Thermostat Label — Thermostat |
| 8 | 20404 | 1 | #6-32 x 1/4" Phil. Pan HD. M.S. |
| 9 | 50112 | 2 | 1/2" I.D. x 5/8" O.D. Clear Tubing — Maylon |
| 10 | 25412 | 9" | Water Tank & Manifold Ass'y. |
| 11 | 102300 | 1 | Chocolate Tie Down Bracket |
| 12 | 4426 | 1 | 3/8" O.D. Hose Clamp |
| 13 | 60104 | 2 | Brass Drain Valve |
| 14 | 60102 | 1 | Tinnerman Speed Nut |
| 15 | 50633 | 1 | Power Cord |
| 16 | 33631 | 1 | Strain Relief Bushing |
| 17 | 33683 | 1 | Hose Clamp 4 11/16 to 5" |
| 18 | 60418 | 1 | Chassis Harness (Part of Complete wiring Ass'y. P/N 102156) |
| 19 | 34142 (Not shown) | 1 | Relay Harness (Part of Complete wiring Ass'y. P/N 102156) |
| 20 | 60116 | 1 | Relays |
| 21 | 09-0002-713 | 1 | Water Inlet Valve |
| 22 | 33527 (Not shown) | 8 | 3/4" Internal Shakeproof Lock Washer |
| 23 | 8963 | 1 | 3/4-16 Hex Nut |
| 24 | 33620 | 1 | 1/4 FPT x 1/4" 90° Brass Elbow |
| 25 | 33850 | 1 | 1/4" MPT x 1/4" I.D. Brass Hose Barb |
| 26 | 33762 | 1 | Tall Ingredient Canister — Complete |
| 27 | 34140 (Not shown) | 1 | Water Outlet Weld Ass'y. |
| 28 | 101927 (Not shown) | 1 | 1/2" O.D. Hose Clamp |
| 29 | 33697 | 1 | Water Through Plate Weld Ass'y. |
| 30 | 50619 | 1 | Water Through (With Tapered Sides) |
| 31 | 31 | 1 | Water Through Plate Weld Ass'y. |
| 32 | 50553 | 1 | Water Through Plate Weld Ass'y. |
| 33 | 60109 | 1 | Water Through Plate Weld Ass'y. |
| 34 | 60111 | 1 | Water Through Plate Weld Ass'y. |
| 35 | 25548 | 4 | Water Through Plate Weld Ass'y. |
| 36 | 100177 | 1 | Water Through Plate Weld Ass'y. |
| 37 | 60105 | 2 | Water Through Plate Weld Ass'y. |
| 38 | 102075 | 1 | Water Through Plate Weld Ass'y. |
| 39 | 25635 | 1 | Water Through Plate Weld Ass'y. |



CUP DISPENSER - FINAL ASSEMBLY
P/N 10211

| Item | Part No. | Quantity | Description |
|------|----------|----------|--|
| | | | |
| 25 | 50100 | 4 | #6-32 x 3/16 Phil. RD. HD. M.S. |
| 26 | 9799 | 1 | Cup Retainer Wire Spring |
| 27 | 21016 | 1 | 3/32 Dia. x 1/2 Long Cotter Pin |
| | | | Cup Transfer Switch (Second) |
| | | | Switch Insulator |
| | | | Water Tank Float Switch (FIRST) |
| | | | *4 x 1 1/4 Phil. Pan HD. Type "AB" |
| | | | S.M.S. |
| | | | Twin Speed Nut — Tinnerman |
| | | | Cup Drop Harness (Part of Complete Wiring Ass'y. P/N 102156) |
| | | | Magnet |
| | | | 3/8 Wire Clip |
| | | | Press Clip |
| | | | Paper Clip |
| | | | *6-32 x 1/4 Phil. Pan HD. M.S. |
| | | | *6-32 Twin Whiz Nut |
| | | | Counter |
| | | | *8-18 x 1/2 Phil./Hex Washer HD. |
| | | | Tek |
| | | | 3M FR-1 Scotchtite 105° C 1/4" |
| | | | Dia. x 1" Long |
| | | | Specialty Foods Label |
| | | | Closed End Splice |

| Item | Part No. | Quantity | Description |
|------|----------|----------|---|
| | | | |
| 1 | 102173 | 1 | Cup Dispenser Cabinet Weld Assembly |
| 2 | 102109 | 1 | Cup Dispenser Door Weld Ass'y. |
| 3 | 506667 | 6 | 1/8 Dia. x .188-.250 Grip Range Pop Rivet |
| 4 | 4623 | 1 | Flat Transfer Spring |
| 5 | 501112 | 2 | *6-32 x 1/4 Phil. Pan HD. M.S. |
| 6 | 50493 | 10 | *6-32 F/M Unitorque Nut |
| 7 | 101902 | 1 | Cup Gate Assembly |
| 8 | 9729 | 1 | Cup Transfer Channel |
| 9 | 30114 | 4 | Cup Transfer Bushing |
| 10 | 50136 | 4 | *6-32 x 5/8 Phil. Pan HD. M.S. |
| 11 | 4646 | 2 | Cup Slide Drop Extension |
| 12 | 50423 | 4 | *8 x 3/8 Phil. Pan HD. Type "AB" S.M.S. |
| 13 | 33637 | 1 | Cup Drop Solenoid |
| 14 | 50240 | 2 | *8-32 x 3/8 Phil. Pan HD. M.S. |
| 15 | 50494 | 2 | *8-32 F/M Unitorque Nut |
| 16 | 50650 | 1 | 1/8 Dia. x 1" Long Cotter Pin |
| 17 | 21005 | 1 | Cup Drop Spring |
| 18 | 4660 | 1 | Cowell Solenoid Link |
| 19 | 60125 | 1 | Cup Drop Ring |
| 20 | 4647 | 1 | Cup Ring Lock |
| 21 | 33635 | 2 | Cup Transfer Solenoid |
| 22 | 21006 | 2 | Small Solenoid Spring |
| 23 | 4616 | 1 | Long Solenoid Rod |
| 24 | 5833 | 1 | Short Solenoid Rod |



| Item | Part No. | Quantity | Description | Part No. | Quantity | Description | |
|------|-------------|----------|--|-----------|--------------------|---|---------------|
| 1 | 10116-003 | 1 | Complete Door Frame Weld Ass'y. | 33 | 25646-XXX | 10 | Selection Tab |
| 2 | 9732 | 1 | Door Panel | 25646-000 | 1 | Coffee — Black | |
| 3 | 60359 | 1 | Door Gasket | 25646-001 | 1 | Coffee — Sugar | |
| 4 | 9798 | 1 | Door Anti-Cheat (Right Side) | 25646-002 | 1 | Coffee — Cream | |
| 5 | 50202 | 50 | #8-18 x ½ Phil./Hex Washer HD. Tek | 25646-003 | 1 | Coffee — Cream & Sugar | |
| 6 | 101943 | 1 | Door Stiffener Weld Assembly | 25646-004 | 1 | Hot Chocolate | |
| 7 | 9774-000 | 1 | Dashboard Mounting Brkt. | 25646-005 | 1 | Soup — Chicken | |
| 8 | 9774-001 | 1 | — Right | 25646-006 | 1 | Soup — Beef | |
| | | | Dashboard Mounting Brkt. | 25646-007 | 1 | Soup — Onion | |
| | | | — Left | 25646-008 | 1 | Extra — Cream | |
| | | | | 25646-009 | 1 | Extra — Sugar | |
| | | | | 25646-010 | 1 | Tea | |
| | | | | 20681-XXX | 7 | Coin Insert Label | |
| 9 | 25-0086-004 | 1 | Dashboard End — Left | 20681-002 | 1 | Coin Insert Label — 20¢ | |
| 10 | 22381 | 1 | Dashboard | 20681-003 | 1 | Coin Insert Label — 25¢ | |
| 11 | 25-0096-003 | 1 | Dashboard End — Right | 20681-004 | 1 | Coin Insert Label — 30¢ | |
| 12 | 50095 | 4 | #6-32 x 5/8 Phil. Flat HD. Self Tapping | 20681-005 | 1 | Coin Insert Label — 35¢ | |
| 13 | 102158 | 1 | Rejector Lever Follower Ass'y. | 20681-006 | 1 | Coin Insert Label — 40¢ | |
| 14 | 50712 | 1 | *#8-32 x ½ T-Bolt | 20681-007 | 1 | Coin Insert Label — 45¢ | |
| 15 | 30053 | 1 | Shoulder Bushing | 20681-008 | 1 | Coin Insert Label — 50¢ | |
| 16 | 50613-000 | 1 | 3/16 Wrought Washer | 35 | 60372 | Coin Insert Casting | |
| 17 | 50494 | 1 | #8-32 F/M Unitorque Lock Nut | 36 | 20-1748-000 | Coin Intake Chute | |
| 18 | 21015 | 1 | Coin Reject Slide Spring | 37 | 8715 | Retainer — Coin Chute & Change Light | |
| 19 | 50212 | 21 | #8-32 x ¼ Phil. Pan HD. Type "23" Self Tapping | 38 | 20-0470-008 | *6-32 x 3/16 Phil. RD. HD. Self Tapping | |
| 20 | 25-0099-000 | 1 | Glo-Lite (Empty Lite) | 38 | 5 | | |
| 21 | 50628 | 1 | Tinnerman Push-On | 39 | 33-4283-000 | | |
| 22 | 33-5407-000 | 2 | Clip Tinnerman | 40 | 25-0302-000 | | |
| 23 | 25638 | 1 | Selector Button | 41 | 10-0816-000 | | |
| 24 | 206668 | 1 | Push Decal | 42 | 20-0469-020 | | |
| 25 | 9772 | 1 | Flavor Tab — Retainer | 43 | 20-0717-008 | 1/4 INT./EXT. Tooth Lock Washer | |
| 26 | 60005 | 1 | 1/8 x 3/8 Black Door Tie | 44 | 33911 | Use Correct Change Light | |
| 27 | 9773 | 4 | Retainer — Flavor Button | 45 | 33-4370-000 | Decal — Coin Return Lever | |
| 28 | 20-0144-000 | 8 | Insulator Coin Blocking Switch | 46 | 9751 | Coin Insert Retaining Brkt. | |
| 29 | 20-2075-000 | 8 | Selection Switch | 47 | 100535 (Not shown) | Cupwell Final Assembly | |
| 30 | 20-0798-000 | 8 | Washer Fibre .125 | 48 | 20-0102-000 | Coin Return Door | |
| 31 | 50004 | 16 | #4 x ¾ Phil. Pan HD. S.M.S. | 49 | 33-4281-000 | Change Bezel | |
| 32 | 50586 | 8 | Twin Speed Nut — Tinnerman | 50 | 33-4984-001 | Decal — Change | |

| Item | Part No. | Quantity | Description |
|------|-------------------|----------|--|
| Item | Part No. | Quantity | Description |
| 51 | 20-1422-000 | 1 | Tab, Anti-Payout Switch |
| 52 | 20-1649-000 | 1 | Coin Return Cup |
| 53 | 33-4982-000 | 4 | *8 Sheet Metal Nut (Service Part Only) |
| 54 | 9823 | 1 | Lock Housing |
| 55 | 60321 | 1 | Pop Out 4255 Flush Handle |
| 56 | 50338 | 2 | *10-32 x 1/2 Phil. Flat HD. M.S. |
| 57 | 50546 | 2 | *10-32 Twin Whiz Nut |
| 58 | 60330 | 1 | Lock Cylinder With 2 Keys |
| 59 | 9738 | 1 | Display Back |
| 60 | 33548 | 2 | Fluorescent Lamp Holders |
| 61 | 50122 | 2 | *6-32 x 3/8 Phil. Pan HD. M.S. |
| 62 | 33617 | 1 | Starter Socket |
| 63 | 50018 | 2 | *4-40 x 3/8 Phil. Pan HD. M.S. |
| 64 | 33669 | 1 | Ballast Lamp (Robertson SP19) |
| 65 | 50240 | 2 | *8-32 x 3/8 Phil. Pan HD. M.S. |
| 66 | 50585 | 2 | *8 Ext. Shake Proof Lock Washer |
| 67 | 50513 | 10 | *8-32 Twin Whiz Nut |
| 68 | 33661 | 1 | Starter — Fluorescent FS 25 GE |
| 69 | 34135 | 1 | Fluorescent Tube F18T8-CW-K24 |
| 70 | 33671 | 1 | Grommet |
| 71 | 34152 (Not shown) | 1 | Light Wire — White 28" Long |
| 72 | 34151 (Not shown) | 1 | Light Wire — Black 18" Long |
| 73 | 33527 (Not shown) | 2 | Connector — Clg. |
| 74 | 33505 (Not shown) | 1 | Closed End Splice |
| 75 | 60130 (Not shown) | 1 | Press Clip |
| 76 | 25659 | 1 | Safety Shield |
| 77 | 33713-002 | 2 | Safety Shield End Cap |
| 78 | 25627 | 1 | Picture Display Window |
| 79 | 22388-001 | 2 | Picture Frame — Sides |
| 80 | 22388-002 | 2 | Picture Frame — Top & Bottom |
| 81 | 9794 | 4 | Display Trim Corner Brkt. |
| | | 12 | *8 x 3/8 Phil. Pan HD. Type "AB" |
| | | | S.M.S. |
| | | | Top Window Frame Retainer |
| | | | Cup Dispenser — Final Assembly |
| | | | Cupwell Trim (Top & Bottom) |
| | | | Cupwell Trim (Sides) |
| | | | *8-32 x 3/8 T-Bolt |
| | | | Cupwell Weld Assembly |
| | | | Cupwell Funnel |
| | | | Cupwell Door |
| | | | Cupwell Floor |
| | | | Door Harness (Part of Complete |
| | | | Wiring Assy. P/N 102156) |
| | | | Wire Clamp 3/8 |
| | | | Wire Clamp |
| | | | Dashboard Final Assembly |
| | | | Selector Button Ass'y. (Blank) |
| | | | Complete Coin Insert Casting |
| | | | Ass'y. |
| | | | Complete Display Back Ass'y. |
| | | | Picture Frame — Final Assembly |

| Item | Part No. | Quantity | Description |
|------|-------------------|----------|--|
| 51 | 20-1422-000 | 1 | Tab, Anti-Payout Switch |
| 52 | 20-1649-000 | 1 | Coin Return Cup |
| 53 | 33-4982-000 | 4 | *8 Sheet Metal Nut (Service Part Only) |
| 54 | 9823 | 1 | Lock Housing |
| 55 | 60321 | 1 | Pop Out 4255 Flush Handle |
| 56 | 50338 | 2 | *10-32 x 1/2 Phil. Flat HD. M.S. |
| 57 | 50546 | 2 | *10-32 Twin Whiz Nut |
| 58 | 60330 | 1 | Lock Cylinder With 2 Keys |
| 59 | 9738 | 1 | Display Back |
| 60 | 33548 | 2 | Fluorescent Lamp Holders |
| 61 | 50122 | 2 | *6-32 x 3/8 Phil. Pan HD. M.S. |
| 62 | 33617 | 1 | Starter Socket |
| 63 | 50018 | 2 | *4-40 x 3/8 Phil. Pan HD. M.S. |
| 64 | 33669 | 1 | Ballast Lamp (Robertson SP19) |
| 65 | 50240 | 2 | *8-32 x 3/8 Phil. Pan HD. M.S. |
| 66 | 50585 | 2 | *8 Ext. Shake Proof Lock Washer |
| 67 | 50513 | 10 | *8-32 Twin Whiz Nut |
| 68 | 33661 | 1 | Starter — Fluorescent FS 25 GE |
| 69 | 34135 | 1 | Fluorescent Tube F18T8-CW-K24 |
| 70 | 33671 | 1 | Grommet |
| 71 | 34152 (Not shown) | 1 | Light Wire — White 28" Long |
| 72 | 34151 (Not shown) | 1 | Light Wire — Black 18" Long |
| 73 | 33527 (Not shown) | 2 | Connector — Clg. |
| 74 | 33505 (Not shown) | 1 | Closed End Splice |
| 75 | 60130 (Not shown) | 1 | Press Clip |
| 76 | 25659 | 1 | Safety Shield |

CARE AND CLEANING

ALWAYS DISCONNECT POWER SOURCE BEFORE CLEANING

Cabinet Exterior: Wash with a mild detergent and water. Rinse and dry thoroughly. Occasionally wax with a quality car wax. Plastic exterior parts may be cleaned with a quality plastic cleaner.

Cabinet Interior: Wash with a mild detergent and water. Rinse and dry thoroughly.

The following steps should be taken to make cleaning the interior easier and more sanitizing.

1. Remove wing nut and air shroud.
2. Remove mixing bowls, coffee trough and product hoses.
3. Remove whipper blades.
4. Remove wing nut and motor retainer. Lift motor assemblies up for cleaning.
5. The cabinet sub-floor and storage shelves lift out for ease of cleaning.
6. The chassis base to be cleaned like interior of cabinet.
7. Remove, disassemble, and clean the cupwell and the parts in hot soapy water.
8. Clean mixing bowls, whipper blades, mixing bowl bases, coffee trough, and product hose in hot soapy water.
9. Rinse mixing bowls, coffee trough, whipper blades, product hoses, cupwell and parts in an approved sanitizing solution for at least one minute. The mixing bowl bases have to be swabbed with the approved sanitizing solution. Then thoroughly rinse parts in hot, clean water and dry.

An approved sanitizing solution:

2 ounces of household bleach in 1 gallon of warm water or equivalent.

10. The door seal should be kept clean to insure a good seal.

11. The hot water tank can supply the hot water for cleaning.

Coin Acceptor: 1. Remove the coin acceptor from the coin mechanism.

2. Soak the coin acceptor in warm water and a mild liquid household detergent for approximately ten minutes.
3. Use a stiff paint brush or toothbrush to clean foreign matter from the coin acceptor.
4. Rinse in clean warm water and dry thoroughly.

