

# CD200B SERVICE PARTS

This is the parts list for both the CD200E-1A and the CD200E-1B. The "B" series began about June of 1989. The major differences were in the electrical circuit, gearmotor cam, and wiring diagrams.

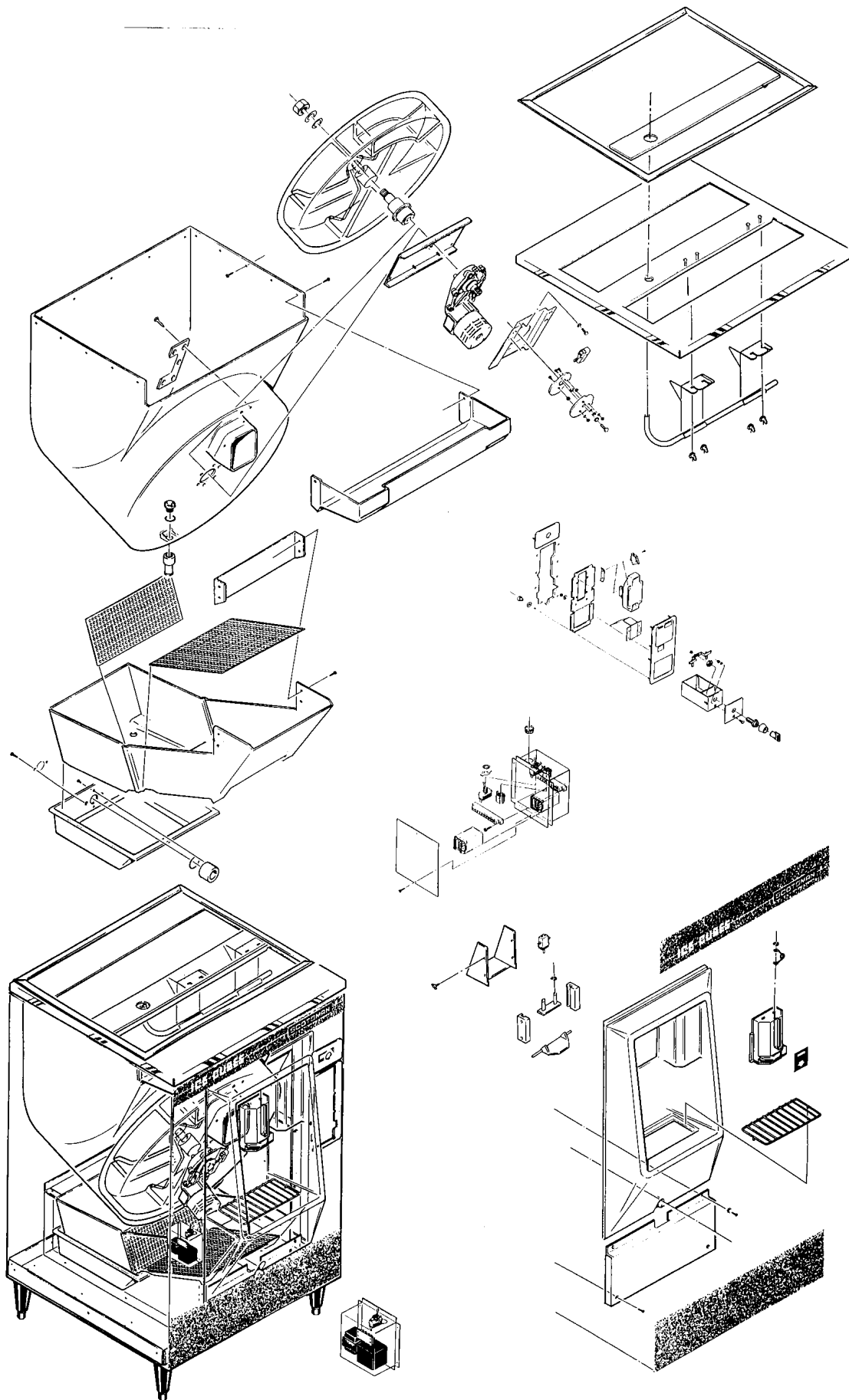
A change was made in October, 1991 to add off-cycle agitation to the CD200. This changed the control box and wiring diagram.

Check the complete model number when ordering electrical parts, or gearmotor cams.

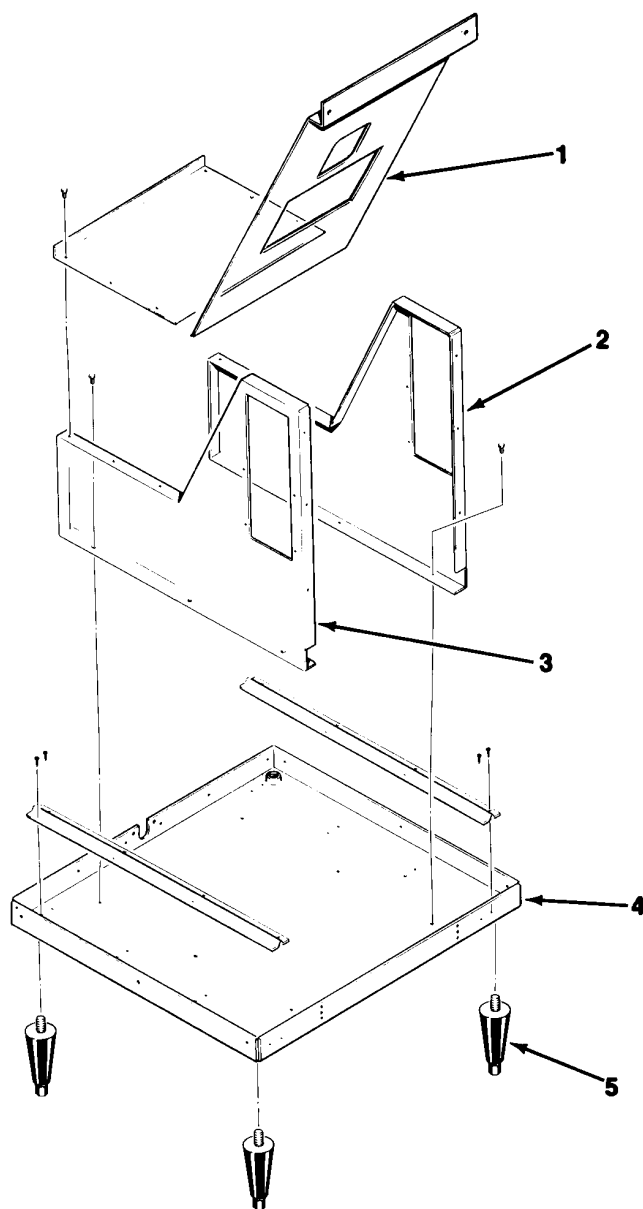
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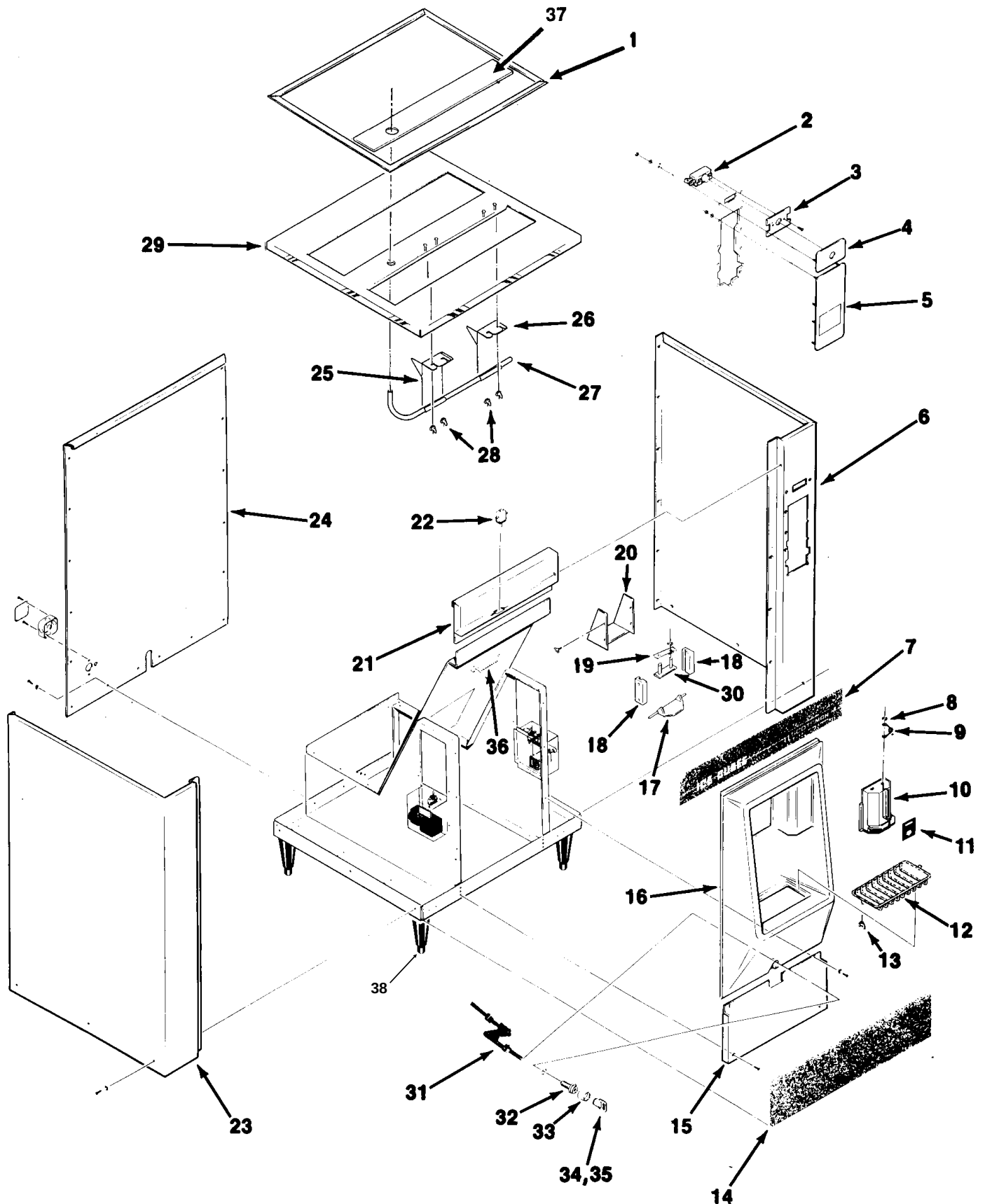
# CD200B SERVICE PARTS



## INTERIOR PANELS

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION    |
|----------------|----------------|----------------|
| 1              | A32652-001     | Retainer       |
| 2              | A32617-002     | Bin Support, R |
| 3              | A32617-001     | Bin Support, L |
| 4              | A34727-001     | Base           |
| 5              | KLP7           | Leg, kit of 4  |

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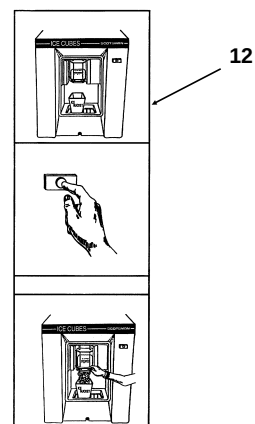
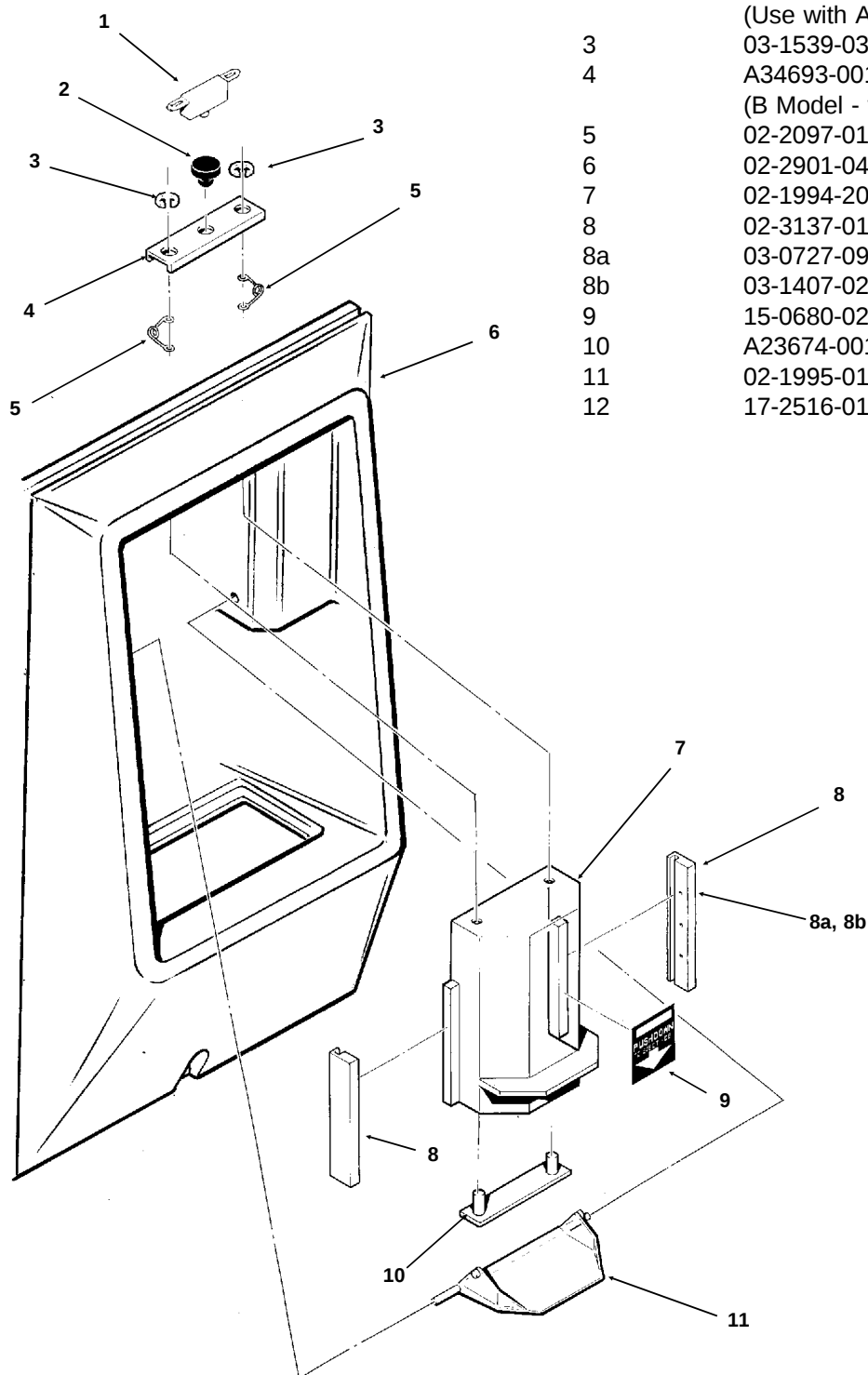
## EXTERIOR PANELS AND SINK ASSEMBLY

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION                      | ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION          |
|----------------|----------------|----------------------------------|----------------|----------------|----------------------|
| 1              | 19-0503-04     | Gasket (9' req.)                 | 34             | 02-2435-04     | Service key (silver) |
| 2              | A37477-021     | Push Button Switch               | 35             | 02-2435-05     | Set Key (brass)      |
| 3              | A29738-001     | Back Plate - Switch              | 36             | 02-2175-01     | Terminal Block       |
| 4              | A29736-003     | Plate - Switch - sandalwood      | 37             | no number      | Gasket               |
|                | A29736-015     | Plate - switch - gray            | 38             | KLP7           | Leg kit, set of 4    |
|                | A29736-002     | Plate - Switch - SS              |                |                |                      |
| 5              | A29708-004     | Plate - Sandalwood               |                |                |                      |
|                | A29708-015     | Plate - Gray                     |                |                |                      |
|                | A29708-003     | Plate - Stainless Steel          |                |                |                      |
| 6              | A32623-001     | Panel, Right Sandalwood          |                |                |                      |
|                | A32623-015     | Panel, right gray                |                |                |                      |
|                | A32623-002     | Panel, Right Stainless Steel     |                |                |                      |
| 7              | A32636-001     | Graphic Label (top) for sandalwd |                |                |                      |
|                | A32636-003     | Graphic label, top for gray      |                |                |                      |
| 8              | 03-1539-03     | Retaining Ring                   |                |                |                      |
| 9              | 02-2097-01     | Spring                           |                |                |                      |
| 10             | 02-1994-20     | Hood Ice Chute                   |                |                |                      |
| 11             | 15-0680-02     | Label for ice chute for sandalwd |                |                |                      |
|                | 15-0680-03     | Label for ice chute, for gray    |                |                |                      |
| 12             | 02-3018-01     | Grill                            |                |                |                      |
| 13             | 03-0255-02     | Wing nut for grill               |                |                |                      |
| 14             | A32636-002     | Graphic Label (bottm) for sndlwd |                |                |                      |
|                | A32636-004     | Graphic label, bottom for gray   |                |                |                      |
| 15             | A32620-001     | Panel, Bottom - Sandalwood       |                |                |                      |
|                | A32620-015     | Panel, bottom - gray             |                |                |                      |
|                | A32620-002     | Panel, Bottom - Stainless Steel  |                |                |                      |
| 16             | 02-2901-01     | Panel, Sink - sandalwood         |                |                |                      |
|                | 02-2901-02     | Panel, sink - gray               |                |                |                      |
| 17             | 02-1995-01     | Ice Chute                        |                |                |                      |
| 18             | 02-3137-01     | Track (for ice chute)            |                |                |                      |
| 19             | A34693-001     | Bar - Switch Disconnect          |                |                |                      |
| 20             | A25377-001     | Shield                           |                |                |                      |
|                | 03-1279-01     | Screw (for shield)               |                |                |                      |
| 21             | A32625-001     | Panel - Upper front sandalwood   |                |                |                      |
|                | A32625-015     | Upper front panel, gray          |                |                |                      |
|                | A32625-002     | Panel - Upper front - stainless  |                |                |                      |
| 22             | 12-1276-01     | Switch                           |                |                |                      |
| 23             | A32622-001     | Panel, left sandalwood           |                |                |                      |
|                | A32622-015     | Panel, left gray                 |                |                |                      |
|                | A32622-002     | Panel, left stainless steel      |                |                |                      |
| 24             | A32683-001     | Panel, back sandalwood           |                |                |                      |
|                | A32683-015     | Panel, back gray                 |                |                |                      |
|                | A32683-002     | Panel, back stainless steel      |                |                |                      |
| 25             | A32640-002     | Thermostat bracket left          |                |                |                      |
| 26             | A32640-001     | Thermostat bracket right         |                |                |                      |
| 27             | A32641-001     | Thermostat tube                  |                |                |                      |
| 28             | 03-0255-02     | Wing nut                         |                |                |                      |
| 29             | KBTC200        | Top panel kit                    |                |                |                      |
| 30             | A23674-001     | Ice hood return                  |                |                |                      |
| 31             | A32810-001     | Door lock Assy, (linkage)        |                |                |                      |
| 32             | 02-3262-01     | Lock only                        |                |                |                      |
|                | 02-3263-01     | Key for lock used after sn       |                |                |                      |
| 573742-04Y     |                |                                  |                |                |                      |
| 33             | 02-2435-02     | Collar for 02-2435-02 key        |                |                |                      |

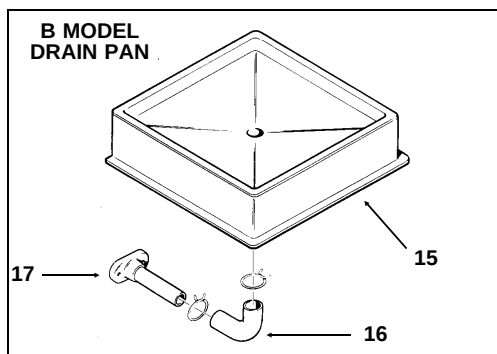
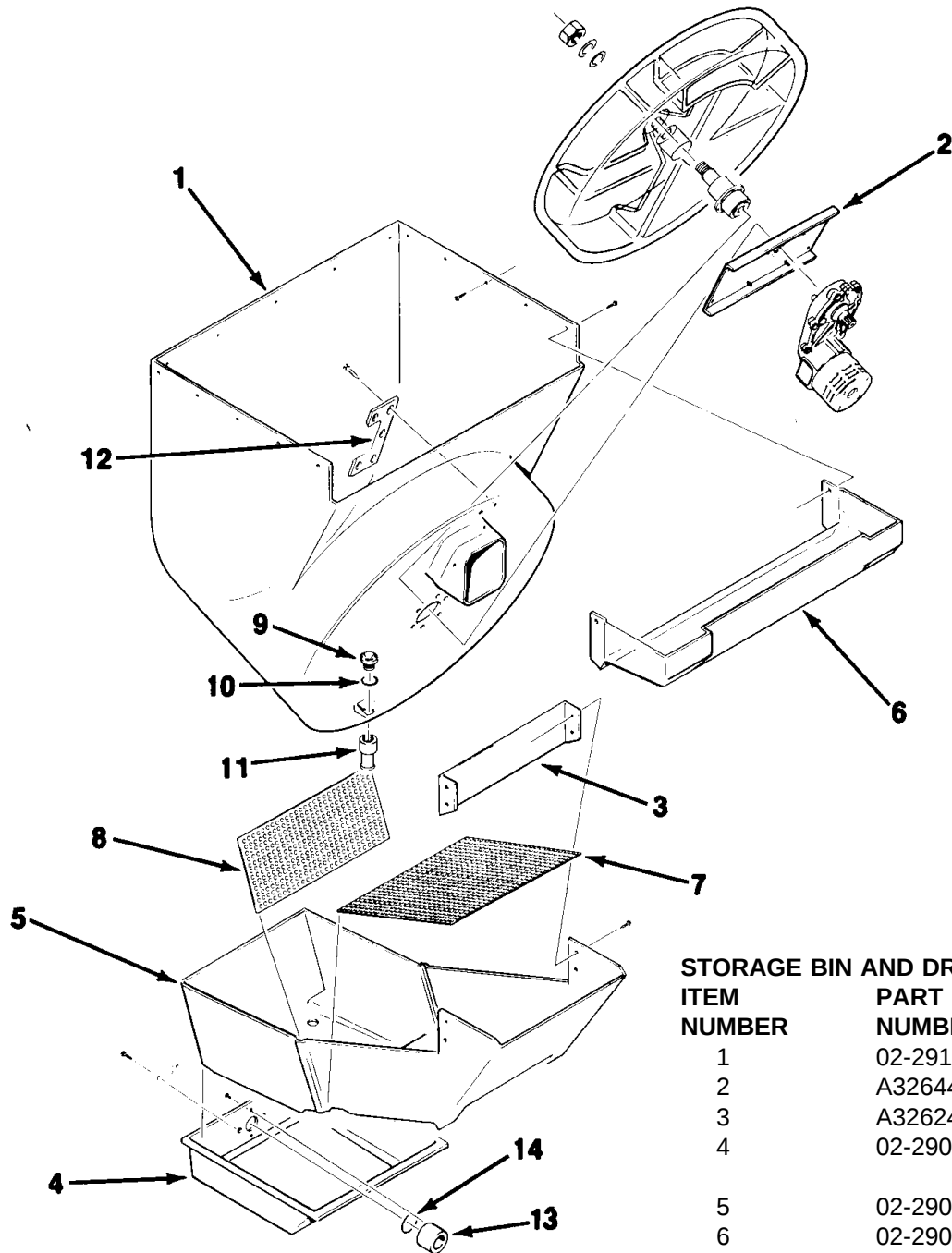
# CD200B SERVICE PARTS

## SINK AND ICE CHUTE PARTS

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION                                                                 |
|----------------|----------------|-----------------------------------------------------------------------------|
| 1              | 12-1276-01     | Microswitch                                                                 |
| 2              | 13-0876-01     | Bumper (B model)<br>(Use with A model if item 4 is also replaced)           |
| 3              | 03-1539-03     | Retaining ring                                                              |
| 4              | A34693-001     | Bar - switch disconnect<br>(B Model - will fit A model if used with item 2) |
| 5              | 02-2097-01     | Torsion Spring                                                              |
| 6              | 02-2901-04     | Sink panel                                                                  |
| 7              | 02-1994-20     | Ice chute hood                                                              |
| 8              | 02-3137-01     | Ice hood track                                                              |
| 8a             | 03-0727-09     | Attaching screw                                                             |
| 8b             | 03-1407-02     | Washer                                                                      |
| 9              | 15-0680-02     | Graphic label                                                               |
| 10             | A23674-001     | Ice hood return bracket                                                     |
| 11             | 02-1995-01     | Ice chute flap                                                              |
| 12             | 17-2516-01     | How to use label                                                            |



# CD200B SERVICE PARTS



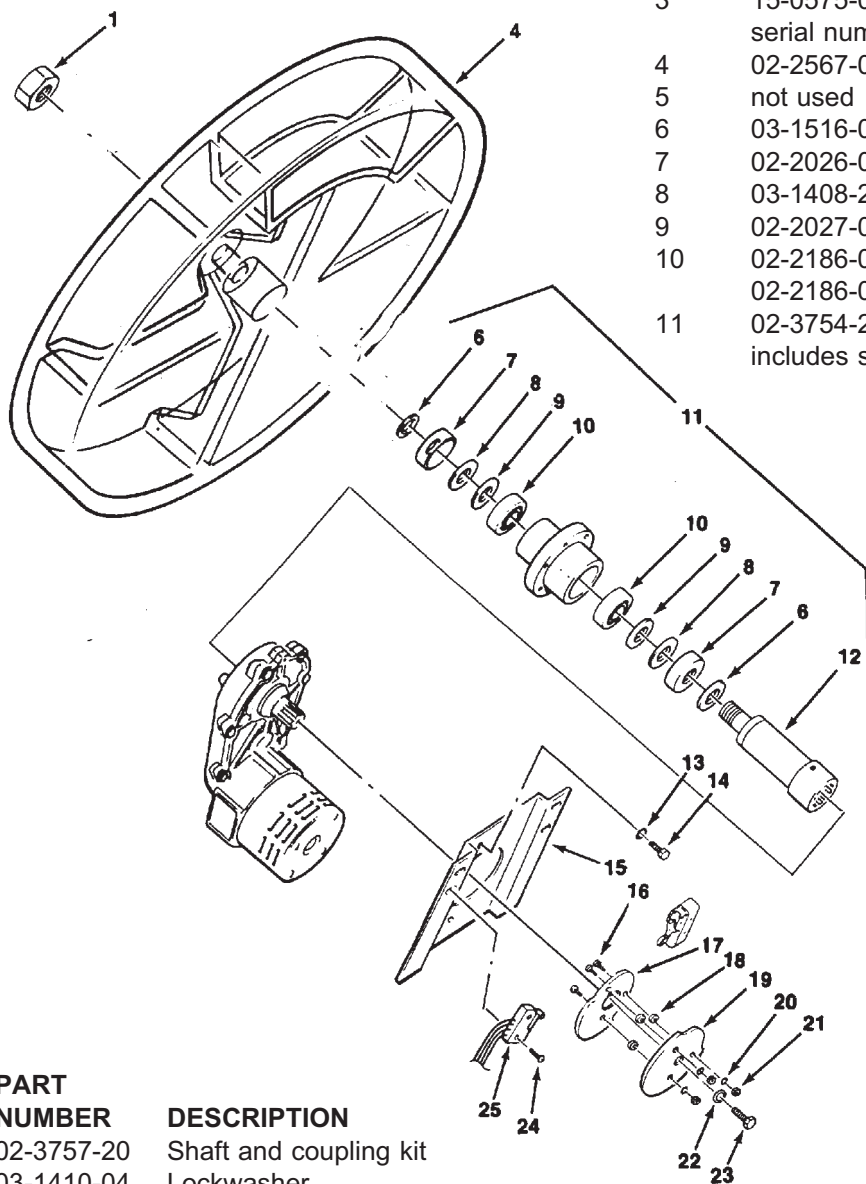
## STORAGE BIN AND DRAIN PANS

| ITEM<br>NUMBER | PART<br>NUMBER  | DESCRIPTION                                    |
|----------------|-----------------|------------------------------------------------|
| 1              | 02-2911-02      | Storage Bin                                    |
| 2              | A32644-001      | Drive Motor Support                            |
| 3              | A32624-001      | Drive Motor Baffle                             |
| 4              | 02-2908-01      | Drain Pan - Lower<br>(A model)                 |
| 5              | 02-2907-01      | Drain Pan Upper                                |
| 6              | 02-2906-01      | Cube Deflector                                 |
| 7              | A35542-001      | Dam Screen                                     |
| 8              | part of item #7 |                                                |
| 9              | 02-2809-01      | Drain Top                                      |
| 10             | 13-0617-11      | O-Ring                                         |
| 11             | 02-2692-01      | Bin Drain                                      |
| 12             | A23693-001      | Ice Cutter                                     |
| 13             | A32635-001      | Drain (A model)                                |
| 14             | 13-0617-50      | O-Ring (A model)                               |
| 15             | A34694-001      | Drain Pan Assy<br>(B model - includes 16 & 17) |
| 16             | A32203-001      | Pre-formed tubing                              |
| 17             | A31757-005      | Drain fab Assy.                                |

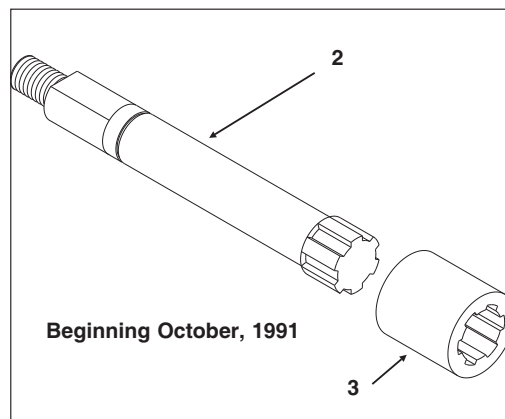
# CD200B SERVICE PARTS

## ROTOR AND DRIVE ASSEMBLY

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION                                                    |
|----------------|----------------|----------------------------------------------------------------|
| 1              | 02-3221-01     | Cap nut                                                        |
| 2              | 02-3757-20     | Bin shaft w item 3, began with<br>serial number date code: 04K |
| 3              | 15-0575-01     | Coupling, began with<br>serial number date code: 04K           |
| 4              | 02-2567-01     | Bin rotor                                                      |
| 5              | not used       |                                                                |
| 6              | 03-1516-01     | Retaining ring                                                 |
| 7              | 02-2026-01     | Cup closure                                                    |
| 8              | 03-1408-27     | Special washer                                                 |
| 9              | 02-2027-01     | Flinger                                                        |
| 10             | 02-2186-01     | Bearing cup                                                    |
|                | 02-2186-02     | Bearing cone                                                   |
| 11             | 02-3754-20     | Bearing Housing,<br>includes shaft and coupling                |



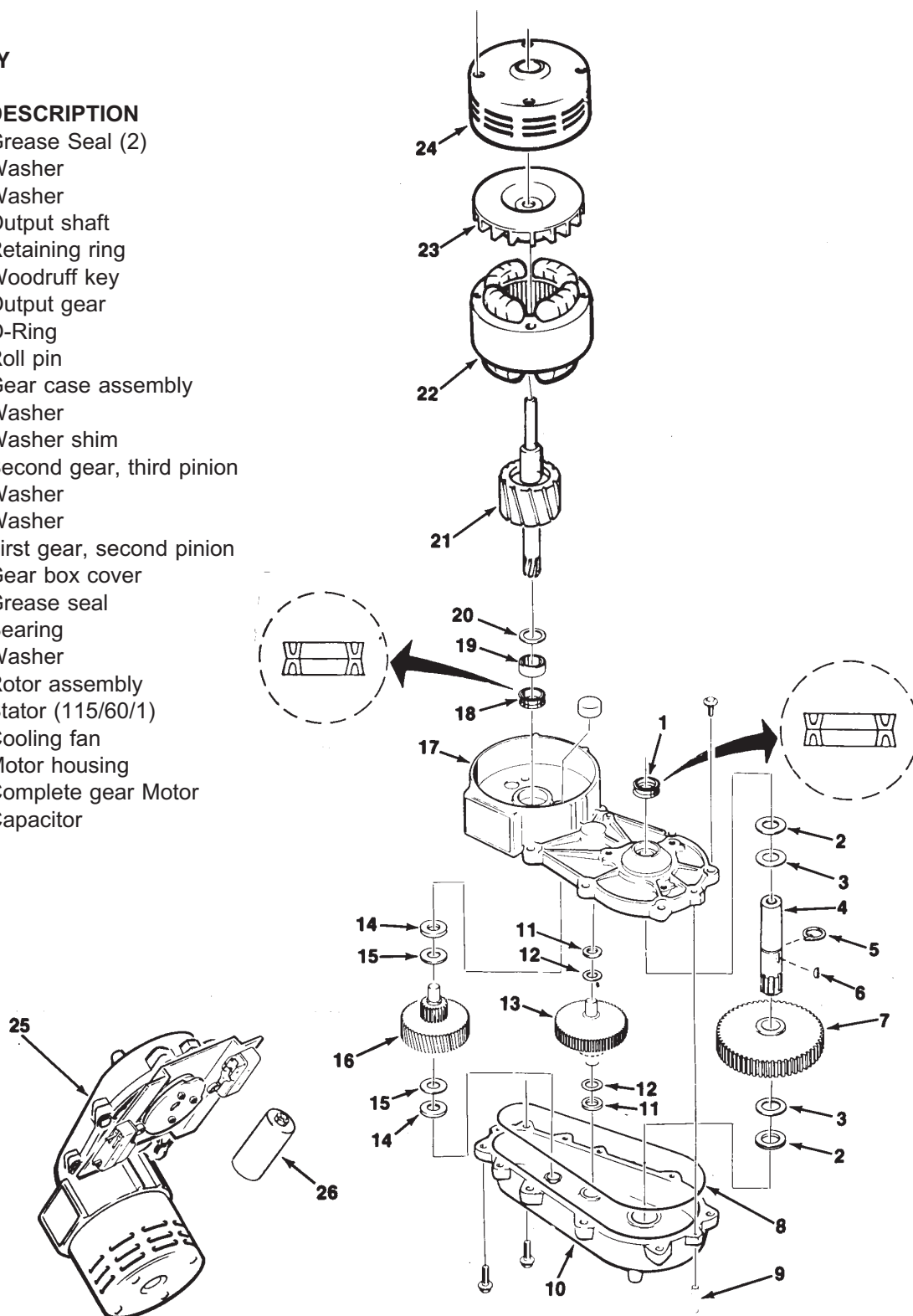
| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION              |
|----------------|----------------|--------------------------|
| 12             | 02-3757-20     | Shaft and coupling kit   |
| 13             | 03-1410-04     | Lockwasher               |
| 14             | 03-1405-15     | Screw                    |
| 15             | A29732-001     | Bracket, double cam      |
| 16             | 03-1403-18     | Screw                    |
| 17             | A29734-001     | Cam #2, bottom           |
| 18             | A29733-001     | Spacer                   |
| 19             | A26686-001     | Cam, (top) for "A" model |
|                | A34705-001     | Cam (top) for "B" model  |
| 20             | 03-1410-07     | Lockwasher               |
| 21             | 03-1406-03     | Nut                      |
| 22             | 03-1410-03     | Lockwasher               |
| 23             | 03-1405-03     | Screw                    |
| 24             | 03-1403-09     | Screw                    |
| 25             | 12-0876-00     | Switch - Cam             |
| 26             | 03-0886-00     | Speed nut                |



# CD200B SERVICE PARTS

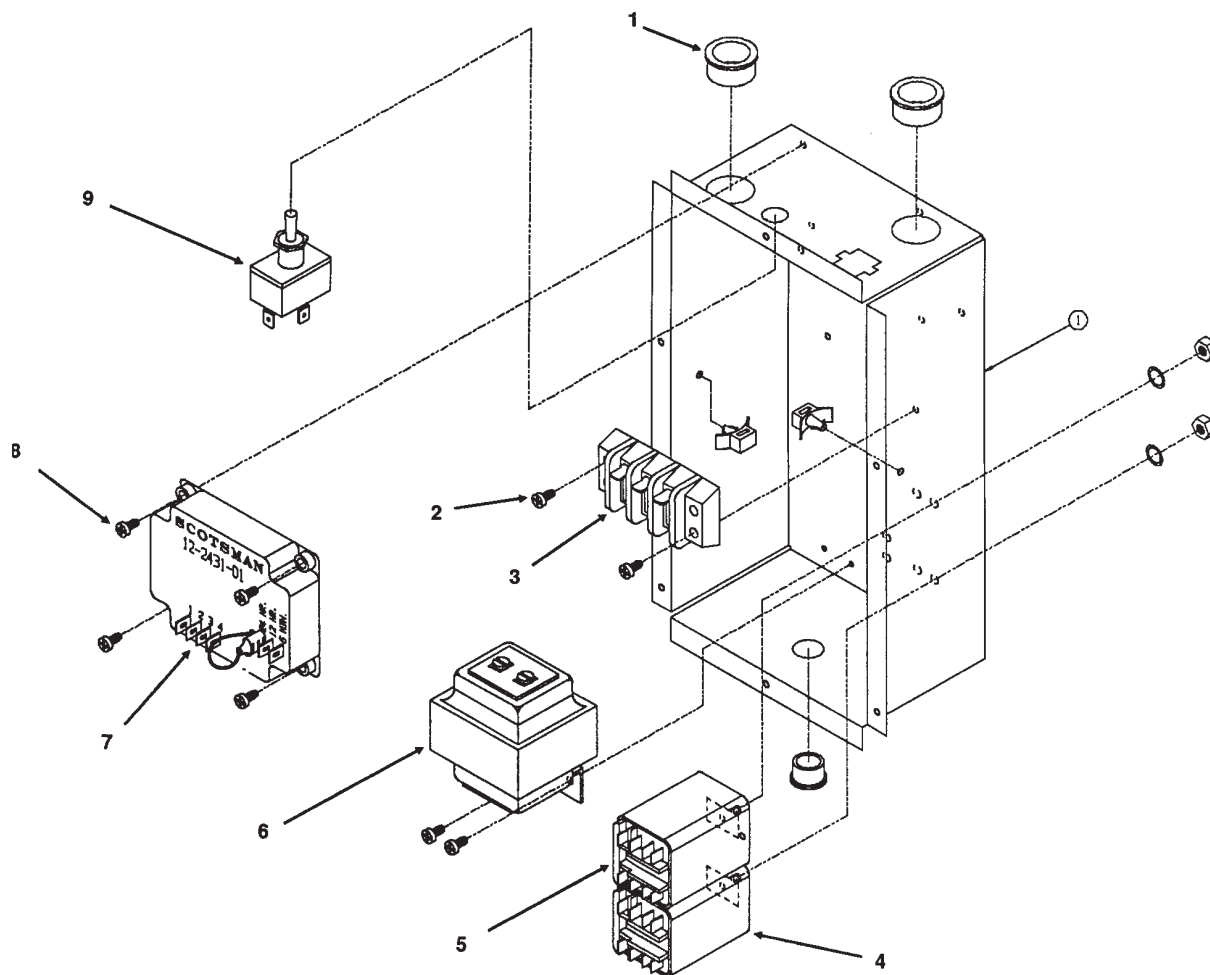
## GEARMOTOR ASSEMBLY

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION               |
|----------------|----------------|---------------------------|
| 1              | 02-1503-00     | Grease Seal (2)           |
| 2              | 03-1408-21     | Washer                    |
| 3              | 03-1408-04     | Washer                    |
| 4              | 02-2446-01     | Output shaft              |
| 5              | 03-1515-03     | Retaining ring            |
| 6              | 03-1602-01     | Woodruff key              |
| 7              | 02-2444-01     | Output gear               |
| 8              | 02-1505-00     | O-Ring                    |
| 9              | 03-0774-11     | Roll pin                  |
| 10             | A28167-001     | Gear case assembly        |
| 11             | 03-1408-39     | Washer                    |
| 12             | 03-1408-40     | Washer shim               |
| 13             | 02-2441-01     | Second gear, third pinion |
| 14             | 03-1408-01     | Washer                    |
| 15             | 03-1408-38     | Washer                    |
| 16             | 02-2448-01     | First gear, second pinion |
| 17             | A28189-001     | Gear box cover            |
| 18             | 02-1504-00     | Grease seal               |
| 19             | 02-1501-00     | Bearing                   |
| 20             | 03-1408-08     | Washer                    |
| 21             | A28160-002     | Rotor assembly            |
| 22             | 12-2036-21     | Stator (115/60/1)         |
| 23             | A28168-001     | Cooling fan               |
| 24             | A38487-020     | Motor housing             |
| 25             | A28155-021     | Complete gear Motor       |
| 26             | 18-3701-01     | Capacitor                 |



# CD200B SERVICE PARTS

## CONTROL BOX

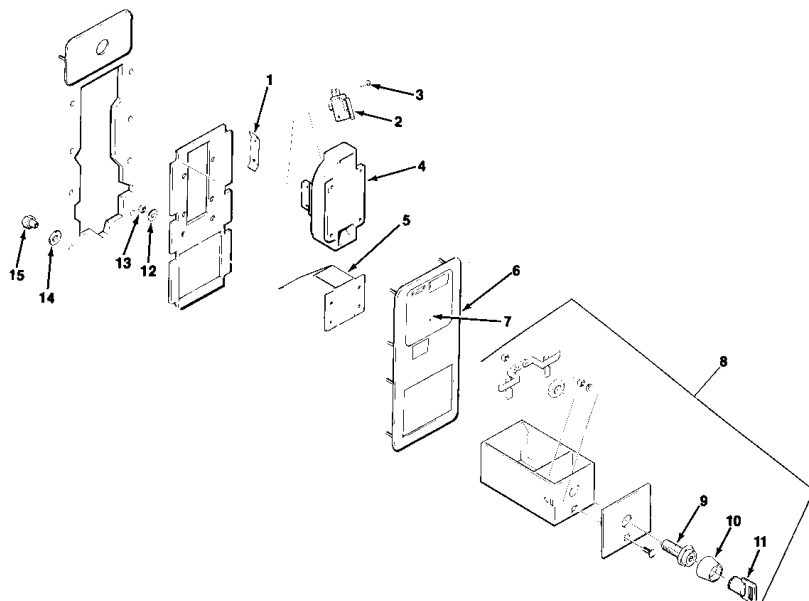


| ITEM<br>NUMBER   | PART<br>NUMBER | DESCRIPTION                                                           |
|------------------|----------------|-----------------------------------------------------------------------|
| 1                | 12-1213-10     | Snap bushing                                                          |
| 2                | 03-1531-10     | Screw                                                                 |
| 3                | 12-2114-01     | Terminal strip                                                        |
| 4                | 12-2090-02     | Relay "C" - "B" models                                                |
|                  | 12-1873-01     | Relay "C" - "A" models                                                |
| 5                | 12-2090-02     | Relay "E" - later "B" models                                          |
| 6                | 12-1809-02     | Transformer                                                           |
| 7                | 12-2431-01     | Recycling timer - later "B" models up to 9/96 12/24 hour              |
|                  | 12-2371-01     | Recycling timer - 2 hour, B models after 9/96                         |
| 8                | 03-1531-08     | Screw                                                                 |
| 9                | 12-0426-01     | Toggle switch                                                         |
| Not Illustrated: |                |                                                                       |
| 10               | 11-0427-23     | Thermostat                                                            |
| 11               | 12-2694-01     | Harness bin thermostat to CM <sup>3</sup> controller (after May 1997) |

# CD200B SERVICE PARTS

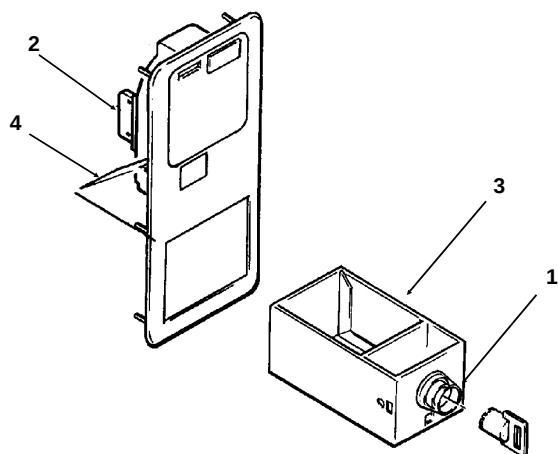
## OPTIONAL COIN/CARD MECHANISMS

### KCM200



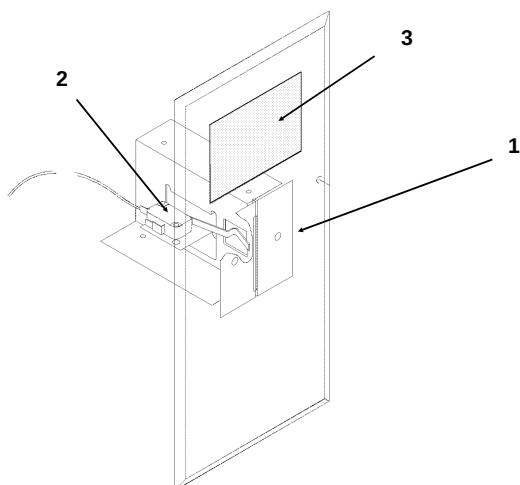
| Item Number | Part Number | Description          |
|-------------|-------------|----------------------|
| 1           | A22053-000  | Twin speed nut       |
| 2           | 12-2046-01  | Switch lever         |
| 3           | 03-1403-63  | Screw                |
| 4           | A27101-001  | Coin mech. body      |
| 5           | no number   | Assembly             |
| 6           | 15-0674-09  | Graphic label        |
| 7           | A29710-001  | Cover plate          |
|             | A29710-002  | Cover plate, painted |
| 8           | A28907-001  | Coin box             |
| 9           | 02-2435-01  | Reset lock           |
| 10          | 02-2435-02  | Collar               |
| 11          | 02-2435-04  | Service key          |
| 12          | 03-1417-18  | Lockwasher           |
| 13          | 03-1406-01  | Nut                  |
| 14          | 03-1407-05  | Washer               |
| 15          | 03-1406-07  | Nut                  |

### KCM25



| Item Number | Part Number | Description                |
|-------------|-------------|----------------------------|
| 1           | 02-3114-20  | Lock kit                   |
| 2           | 02-3114-21  | Coin return kit (solenoid) |
| 3           | 02-3114-22  | Cash box                   |
| 4           | 02-3114-23  | Coin switch                |
| 5           | 02-3114-01  | Coin mechanism complete    |

### KCARD



| Item Number | Part Number | Description          |
|-------------|-------------|----------------------|
| 1           | A29705-003  | Cover plate, SS      |
|             | A29705-004  | Cover plate, painted |
| 2           | 12-2450-01  | Microswitch          |
| 3           | 17-2144-01  | Label                |

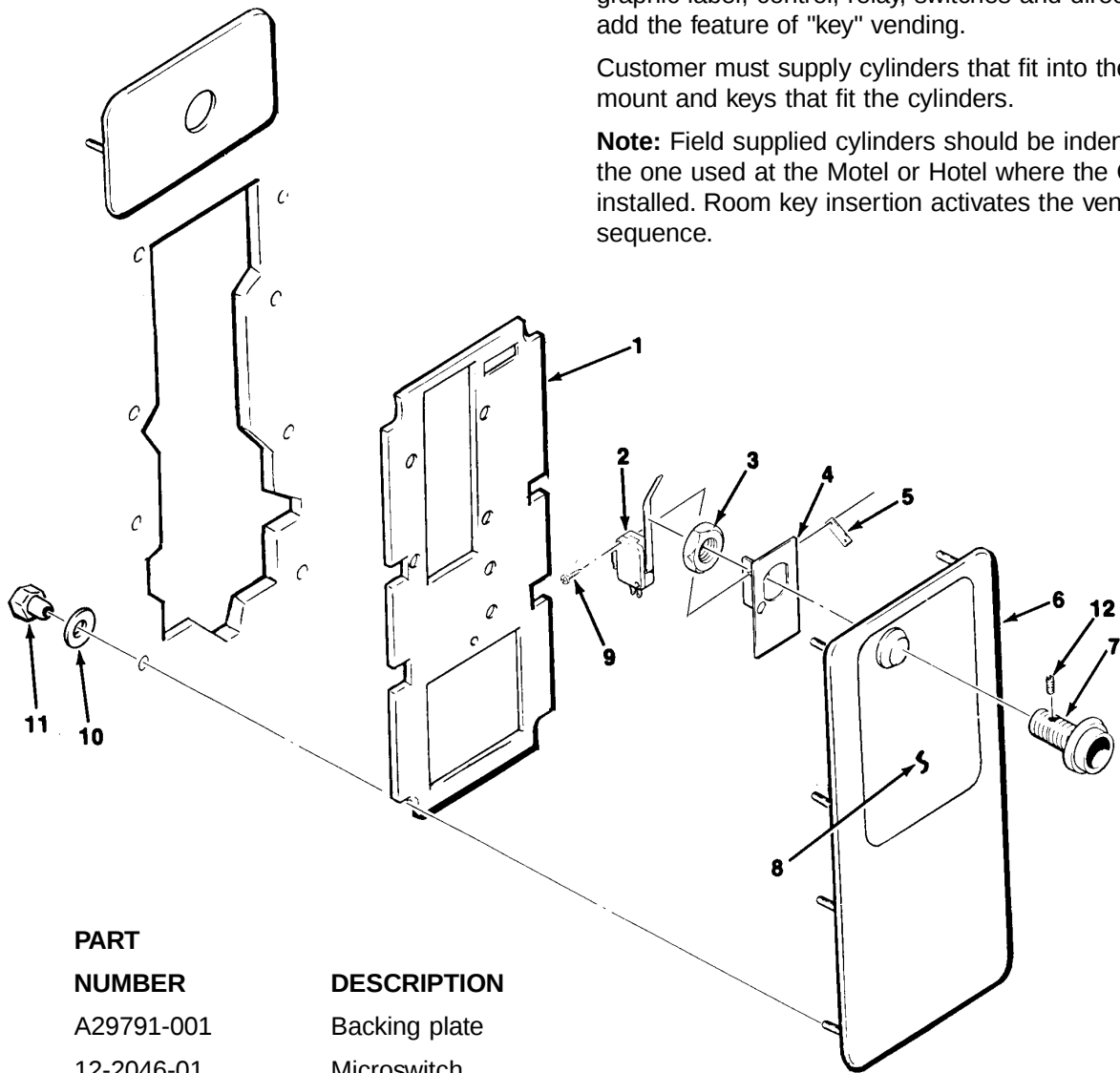
# CD200B SERVICE PARTS

## KEY MECHANISM KIT

**Note:** The Key Mechanism kit includes a cover plate, graphic label, control, relay, switches and directions to add the feature of "key" vending.

Customer must supply cylinders that fit into the cylinder mount and keys that fit the cylinders.

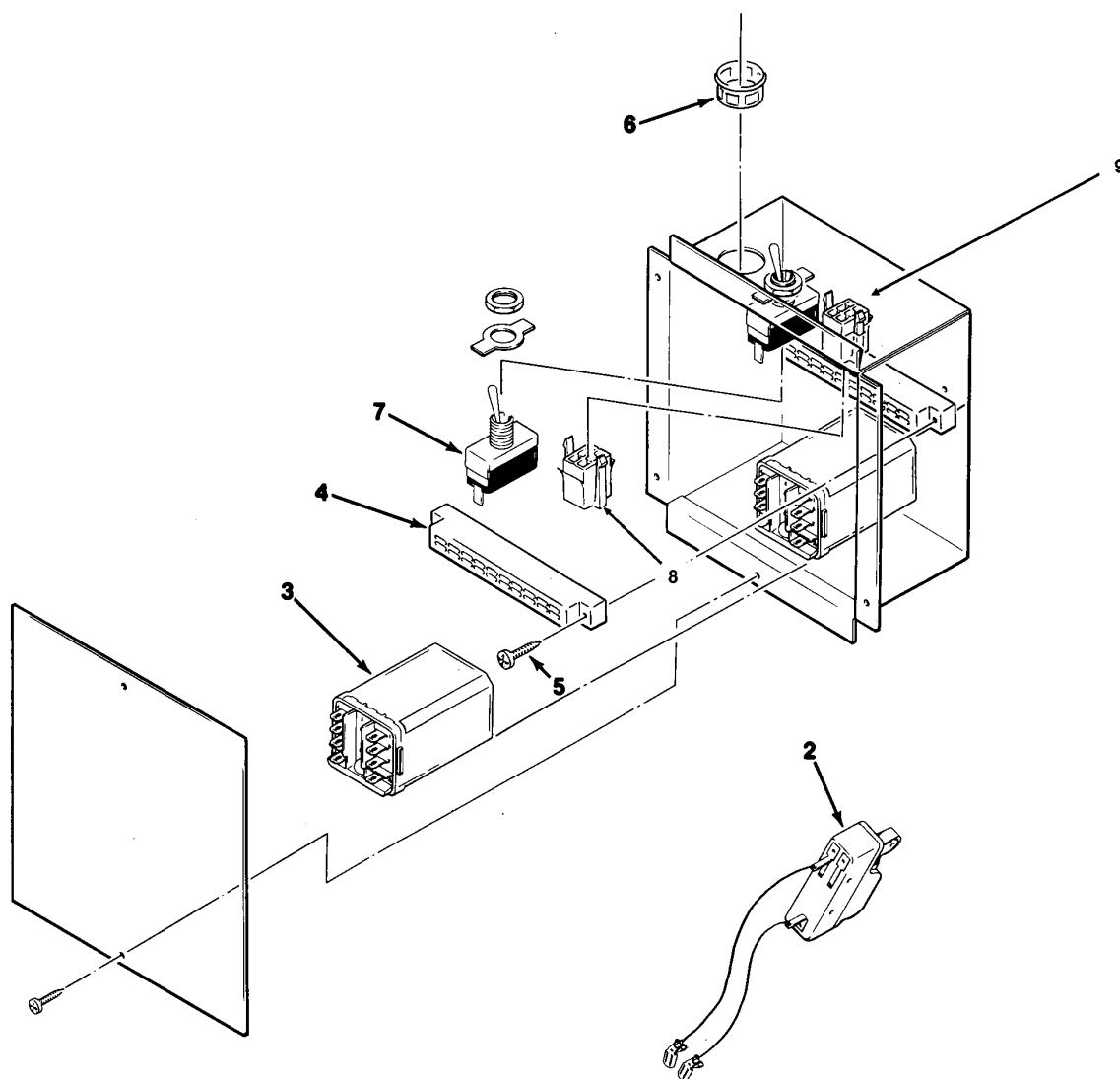
**Note:** Field supplied cylinders should be identical to the one used at the Motel or Hotel where the CD200 is installed. Room key insertion activates the vending sequence.



| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION    |
|----------------|----------------|----------------|
| 1              | A29791-001     | Backing plate  |
| 2              | 12-2046-01     | Microswitch    |
| 3              | 02-2752-01     | Bearing nut    |
| 4              | A26560-001     | Bracket        |
| 5              | A22053-000     | Twin nut       |
| 6              | A29709-003     | Cover plate    |
| 7              | 02-2751-01     | Cylinder mount |
| 8              | 15-0674-08     | Graphic label  |
| 9              | 03-1403-76     | Screw          |
| 10             | 03-1407-05     | Washer         |
| 11             | 03-1406-07     | Nut            |
| 12             | 03-0431-05     | Set screw      |

# CD200B SERVICE PARTS

## RELAY FOR OPTIONAL KITS



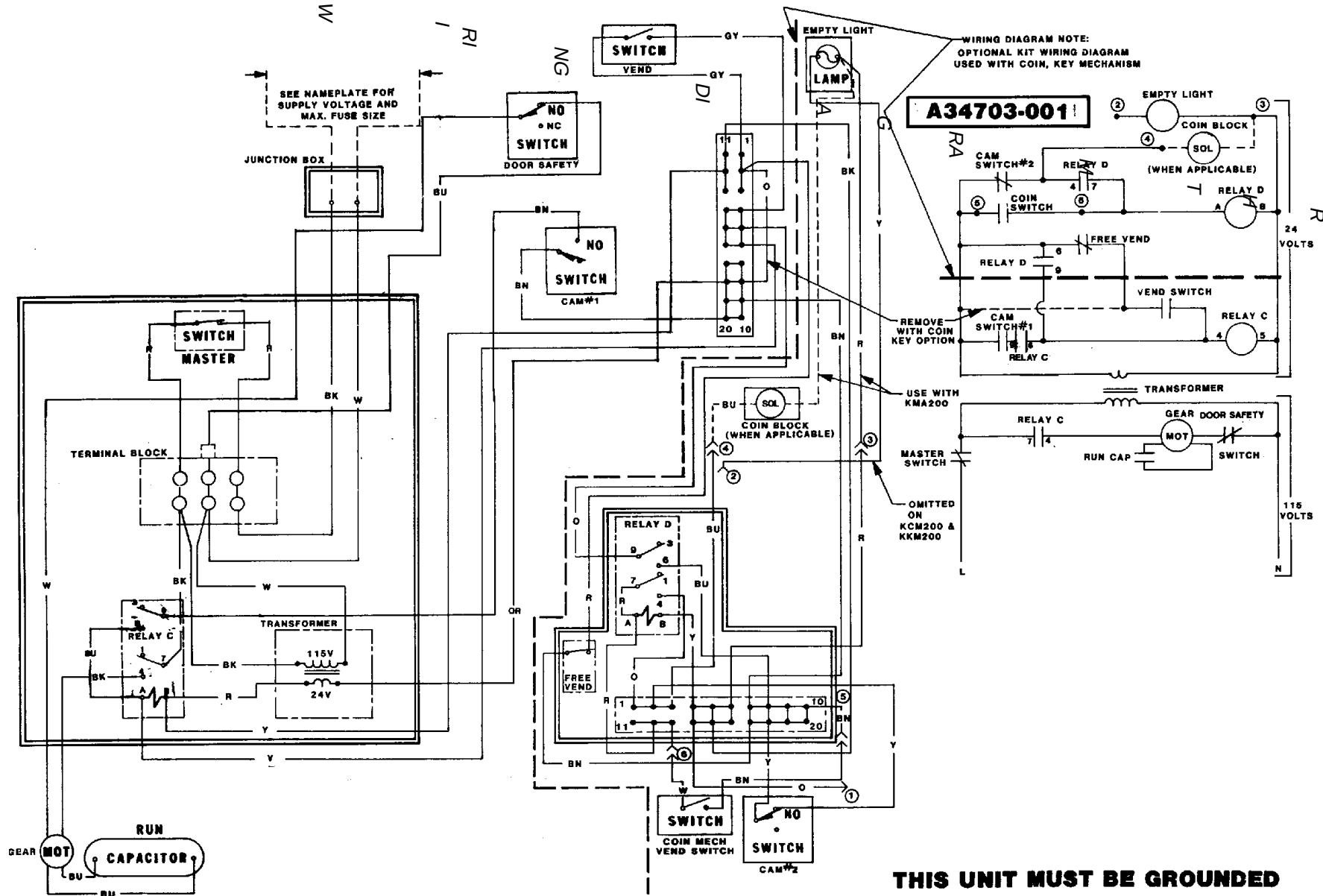
### RELAY BOX ASSEMBLY

| ITEM<br>NUMBER | PART<br>NUMBER | DESCRIPTION    |
|----------------|----------------|----------------|
| 1              | No number      | Relay box      |
| 2              | 12-0876-00     | Cam switch     |
| 3              | 12-2090-02     | Relay          |
| 4              | 12-2175-01     | Terminal block |
| 5              | 03-1403-08     | Screw          |
| 6              | 12-1213-10     | Bushing        |
| 7              | 12-0426-01     | Switch         |
| 8              | 12-2187-02     | Plug           |
| 9              | 12-2188-02     | Plug           |

5



**THIS UNIT MUST BE GROUNDED**



USE COPPER CONDUCTORS ONLY

THIS UNIT MUST BE GROUNDED

**Wiring Diagram, "B" Model Serial Number Date Code - 04K thru -02A**



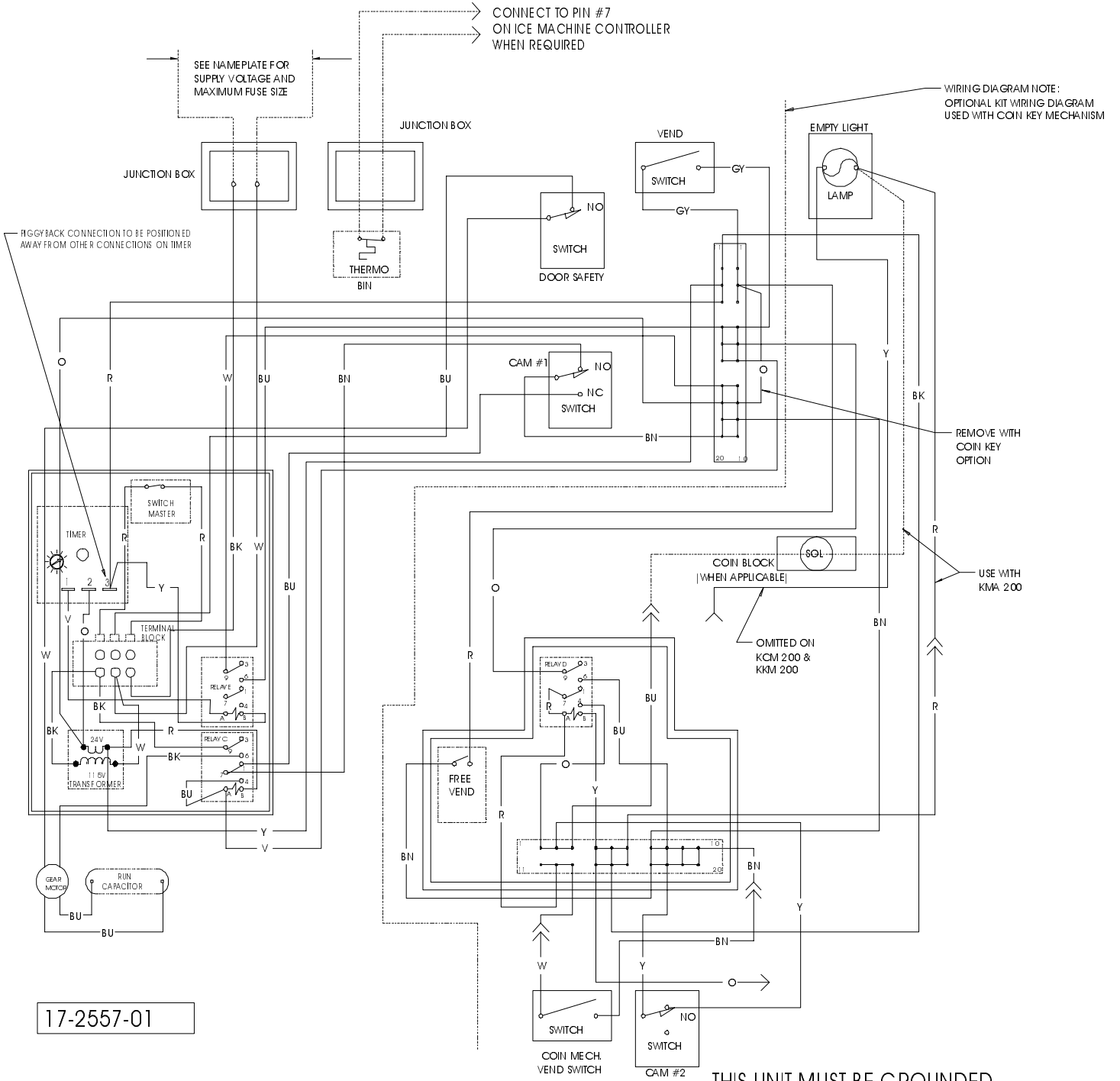
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## Wiring Diagram, B Models from -02A thru -09N



## CD200B SERVICE PARTS

**Wiring Diagram, with internal thermostat for cuber control, began May 1997**



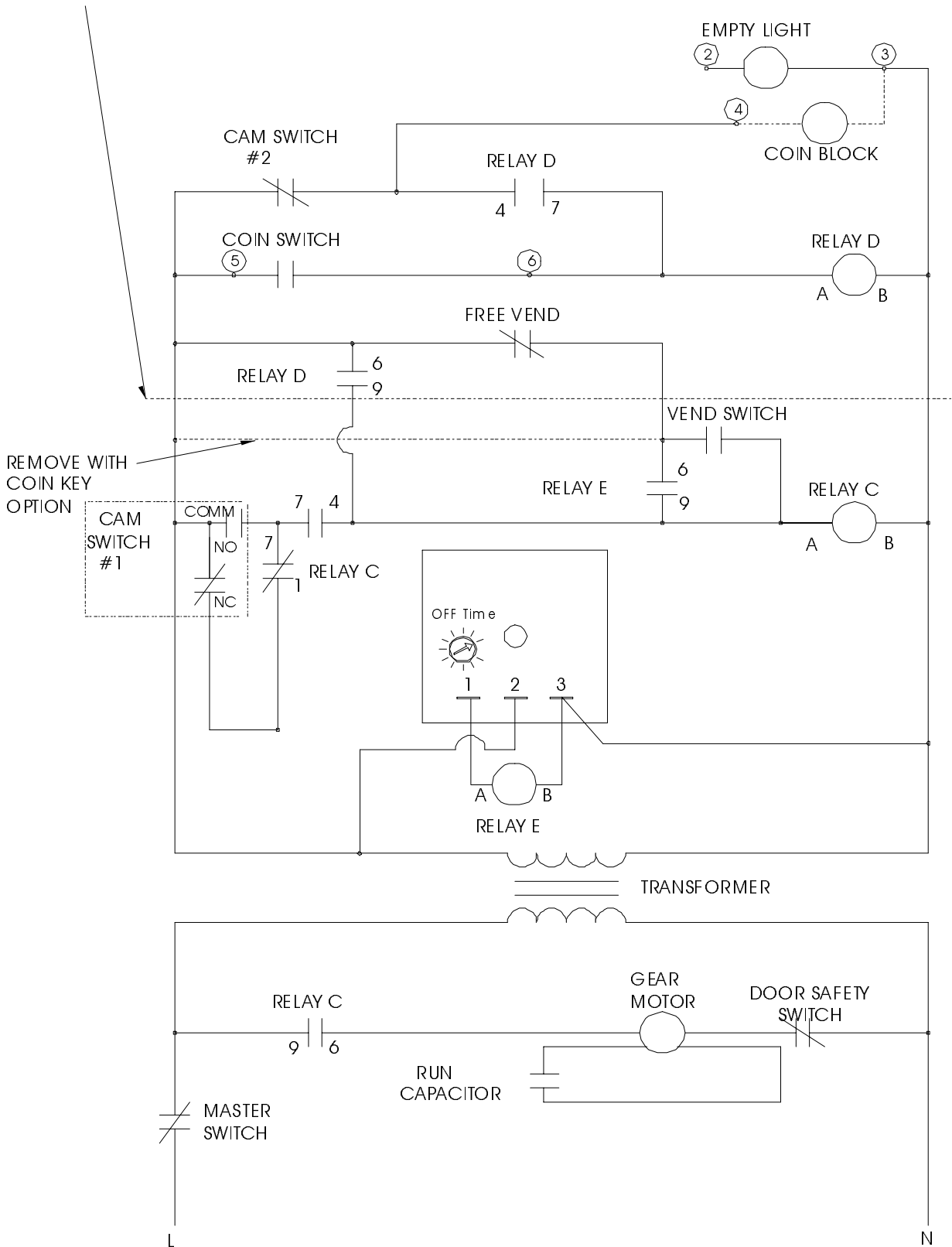
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## CD200B SERVICE PARTS

**Schematic Diagram, began May 1997 - Date Code -10N**

WIRING DIAGRAM NOTE:  
OPTIONAL KIT WIRING DIAGRAM  
USED WITH COIN KEY MECHANISM



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The logo for Scotsman, featuring the word "SCOTSMAN" in a bold, sans-serif font. The letters are black with a white outline. A small registered trademark symbol (®) is located at the bottom right of the word.

Bulletin Number: PS - 4 - 98

Bulletin Date: May 1998

## SERVICE BULLETIN

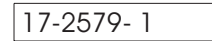
### Subject: CD200 Recycling Timer

Effective with serial numbers 098565-10B (CD200E-1B) and 099714-10B (CD200S-1B), the recycling timer has been changed to one that cycles every 3 hours.

The part number for the timer is **12-2431-01**, the harness for it is part number **12-2652-01**. Connecting the red wire of the timer to the harness and then connecting the black wire marked 3 hours to the terminal on the timer marked 6 minutes yields the 3 hour time.

To check if the timer is working, connect the red wire of the harness to the 6 minute terminal, in 6 minutes the timer should cycle the rotor. When it does, disconnect the red wire from the 6 minute terminal and connect the 3 hour wire to the 6 minute terminal. Do NOT use the 12 or 24 hour terminals.

The wiring diagram is on the back of this bulletin.



THIS UNIT MUST BE GROUNDED