

Premium Coin Changer Manual

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Thank you for purchasing a TekVend™ controller with premium capacity coin changer. This manual explains how that changer works.

Your changer is composed of three parts: the coin magazine, the discriminator, and the base housing. See figures 1, 2 and 3.

Figure 1 shows the coin magazine. It is easily removed by pressing the red latch lever in the front, rotating it top forward, and pulling it out.

The coin magazine is composed of five payout tubes, four of which are self-replenishing. Self-replenishing means that coins inserted into the changer through the coin slot first go into the self-replenishing payout tubes until they are full. After that, they go into the cash box below. The payout tube on the far right is the lone non-self-replenishing tube.

Change can be manually inserted in the coin magazine's payout tubes simply by unlatching it, rotating it top forward, and pouring coins into the top of the appropriate payout tube. See figure 4.

The standard coin magazine comes with one nickel, one dime, and three quarter payout tubes. The non-self-replenishing payout tube on the far right is a quarter tube. Other coin magazines are available with different payout tube configurations.

When you manually insert change, it is important to make sure that you put the right type of coin in a payout tube. For example, be careful not to put nickels in a quarter payout tube, or dimes in the nickel payout tube.

Because your premium capacity changer has five payout tubes, its change capacity is double that of a standard changer (\$82, instead of \$41).

As pointed out in your TekVend controller manual, it is wise when manually inserting change into a payout tube to either fill it up, or put in the minimum number of coins (about 10). Change manually inserted above a payout tube's low sensor and below its high sensor is not recognized until one of those two sensors changes state (is covered or exposed).

Depending on how much change you have, manually insert coins in the middle three payout tubes first, then the far right payout tube, then the far left. Coins in the far right are held in reserve as extra (non-self-replenishing) change.

Your changer does not recognize pennies or 50¢ pieces, and merely returns them to the change cup as if they were slugs or foreign coins. US dollar coins (SBA or Sacajawaya) are accepted, subject to their being covered for payback by other coins in the payout tubes.

Figure 2 shows the electronic coin discriminator. It is easily removed by lifting the white “rabbit ear” lever on the top front left corner of the changer, rotating it top forward, and pulling it out. To completely remove the discriminator, it is necessary to disconnect the ribbon cable attached to its back (see figure 4).

If you remove the discriminator (which is rarely necessary) you will see a slider switch on its back (see figure 5). This slider switch is for setting US and/or Canadian coin acceptance. You can set the switch for “U.S. ONLY”, “U.S. / CAN.”, or “CAN. ONLY”. If Canadian coins are being accepted, a user can insert Canadian nickels, dimes, quarters, one dollar and two dollar coins. These coins will be sent to the self-replenishing payout tubes in exactly the same way as US coins.

The front of the discriminator is transparent, so you can see if there are any bent coins or other debris stuck inside it. These items can be manually removed easily by opening the discriminator’s front door. See figure 2.

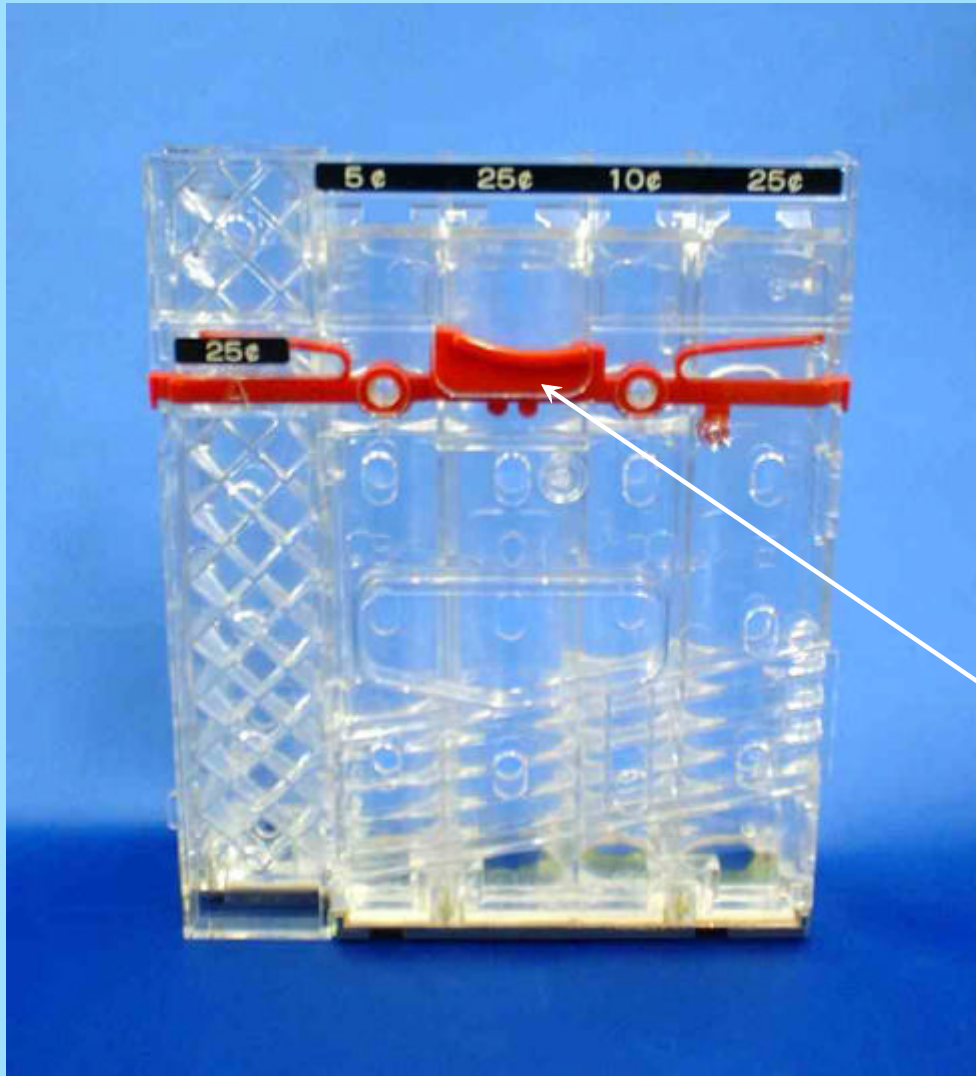
Also on figure 2 is a clear picture of the discriminator’s diagnostic LEDs and control buttons on its upper right.

There are two diagnostic LEDs: “DIS” and “C/C”. “DIS” refers to the discriminator itself, whereas “C/C” refers to the entire changer. When the changer is operating properly, both LEDs are continuously illuminated. If power is present to the changer but the discriminator is malfunctioning, the “DIS” LED will blink. If power is present to the changer but communication between the changer and the controller’s main board is malfunctioning, the “C/C” LED will blink.

As pointed out in your TekVend controller manual, the control buttons A through E are inventory buttons. This means that they can be used to inventory (dump, remove) coins in the payout tubes. When you are in **SETTINGS** mode, you can press (and hold) the A button to inventory the A payout tube’s coins, press (and hold) the B button to inventory the B payout tube’s coins, etc.

The remaining three control buttons are special function buttons that do not apply to your TekVend controller, and so they should be ignored.

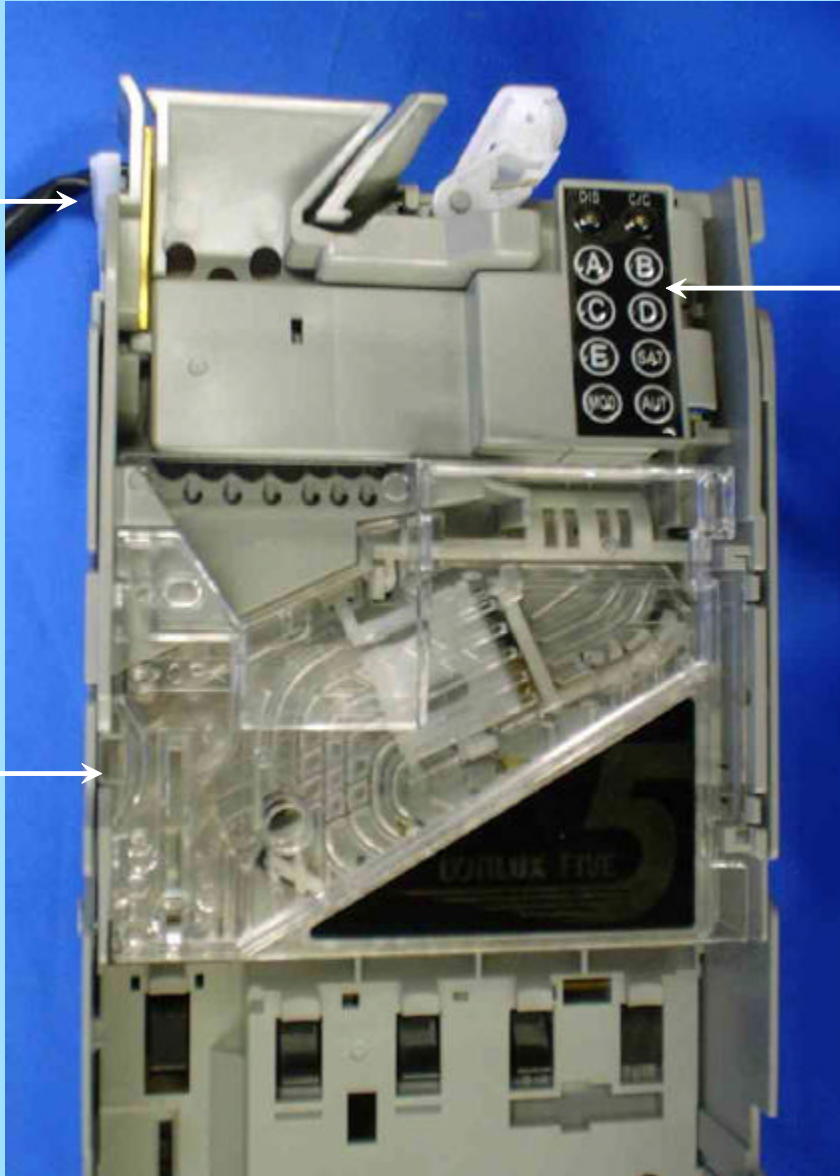
Figure 3 shows the base housing, with the discriminator and coin magazine removed. Notice the three “teardrop” holes in the upper half of the picture. These holes are used to attach (and remove) the changer as a whole from its mounting plate. To remove the changer (again, a rare occurrence) simply loosen (but do not remove) the screws in these three “teardrop” holes, lift the changer up a small amount, and pull it out. You will have to disconnect the changer electrically as well.



Red Latch Lever

Figure 1

Lift Rabbit Ear to Remove Discriminator



Diagnostic LEDs and Control Buttons

Front Door Opens Here

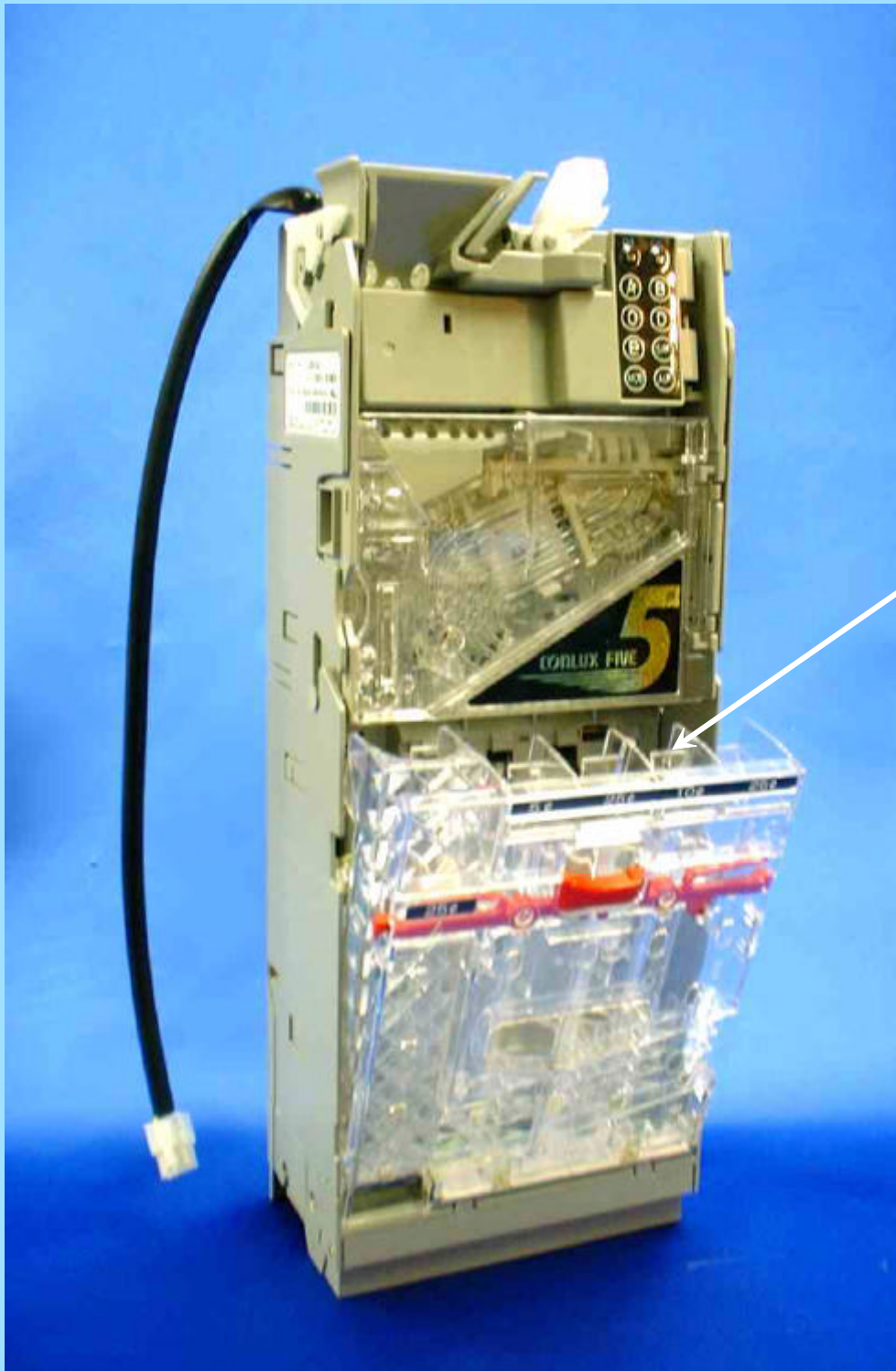
Figure 2



**Teardrop Holes
(3 Places):
Loosen but do not
Remove Screws
When Taking
Changer Out**

Ribbon Cable

Figure 3



**Manually Insert
Coins in Payout
Tubes Here**

Figure 4



**US / CAN
Switch**

Figure 5