$250 Capacity ChangeMaker

Operator's Manual

INTRODUCTION

Congratulations on the purchase of your new ChangeMaker. This ChangeMaker has been designed to give you many years of dependable service. It requires little maintenance and is easy to set up and operate.

READ THIS MANUAL COMPLETELY

Your ChangeMaker is designed to operate simply and reliably, but to take full advantage of your vendor, please read this owner's manual thoroughly. It contains important information regarding installation and operations, as well as a brief trouble-shooting guide.

EQUIPMENT INSPECTION

After you have received your machine and have it out of the box, place it on a secure surface for further inspection. **Note:** Any damages that may have occurred during shipping must be reported to the delivery carrier immediately. Reporting damages and the seeking of restitution is the responsibility of the equipment owner. The factory is willing to assist you in this process in any way possible. Feel free to contact our Customer Care Department with questions you may have on this process. It is important that you keep the original packaging for your vending machine at least through the warranty period. If your machine needs to be returned for repair, you may have to purchase this packaging if it is not retained.

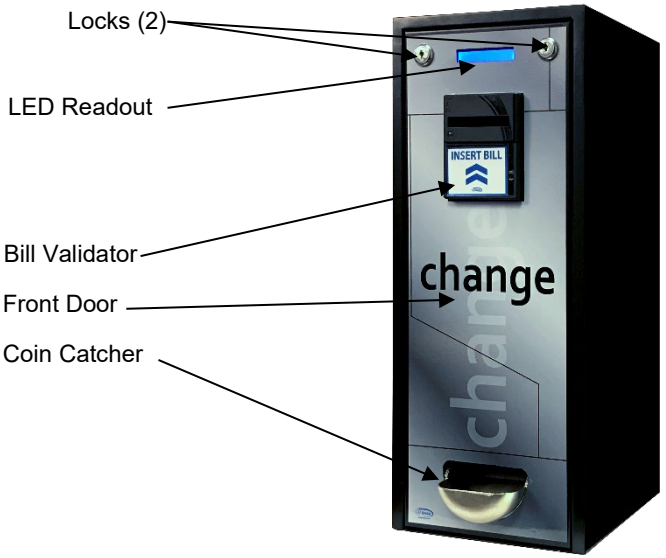
Once you have your vendor located, we suggest that you keep this manual for future reference, or you can view this manual online at www.seaga.com. Should any problems occur, refer to the section entitled "COMMON QUESTIONS AND ANSWERS". It is designed to help you quickly identify a problem and correct it.

For Technical Support and Customer Care:

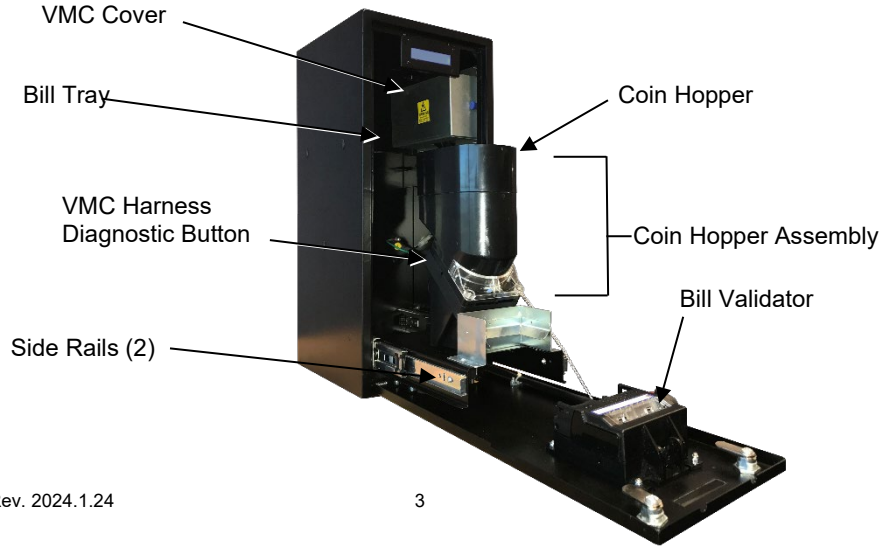
8:00 a.m. - 5:00 p.m. CST. Mon thru Fri
815.297.9500 option 1
815.297.1700 Fax
email: customercare@seaga.com
700 Seaga Drive
Freeport, IL 61032
seaga.com

WARNING: ENSURE THAT POWER IS DISCONNECTED FROM THE CHANGE MACHINE BEFORE INSPECTING OR REPLACING ELECTRICAL COMPONENTS. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY SUBJECT *THE USER TO THE RISK OF ELECTRICAL SHOCK OR MECHANICAL INJURY.*

Figure 1 - $250 Capacity ChangeMaker



Interior View



LOCKS

Your ChangeMaker has two (2) Locks. To unlock the Front Door, turn left key counter-clockwise one-quarter turn and the right key clockwise one-quarter turn. The Front Panel will now swing open. A Chain attaches the Front Door to the Body for support.

MOUNTING

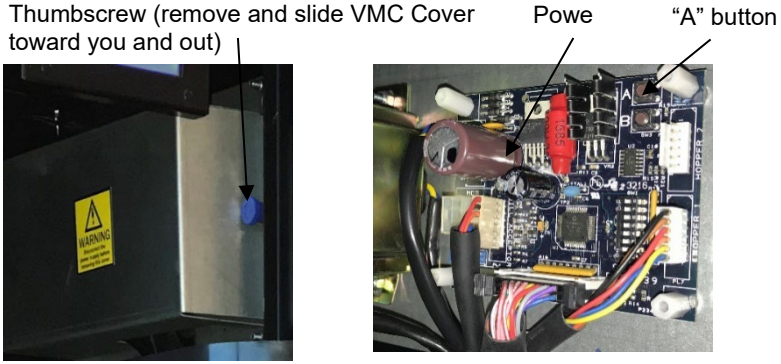
The ChangeMaker has three (3) plugged holes in the left-hand side of the Case for optional mounting. A drill, a ¼" drill bit will be required along with sufficient hardware appropriate to your application and tools for this hardware. A mounting template for drilling holes is provided.

1. To Mount:
    a. Secure the template to the mounting surface once you have made sure that nothing will obstruct the drilling of holes or the placement of bolts.
    b. Drill holes. Discard Template.
    c. Unlock and open the Front Door.
    d. Pull Coin Hopper Assembly forward.
    e. Remove the three (3) Plugs by pushing them out from inside the Body.
    f. Attach the ChangeMaker to surface with hardware appropriate to your application.
    g. Slide Coin Hopper Assembly back in and reconnect cable.

SETTING BILL VALUE

Your $250 Capacity ChangeMaker is factory preset to validate $1 and $5 bills; or $1, $5, $10 and $20 depending on the model ordered. To change the settings of your Bill Validator contact Seaga Customer Care at 815-297-9500 or customercare@seaga.com as it requires programming that will be done at our factory.

Figure 2



SETTING HOPPER FOR TOKENS

To reprogram your ChangeMaker to dispense tokens rather than coins you will need to remove the cover on the VMC (see figure 2).

Below the A and B buttons you will find a series of small white switches, in normal operations these will all be in the off position.

To change your token/coin value you will need to flip the #6 switch to ON.

- The display will then read HOPPER 1 = 0025. This means the coin value is set to $.25, or 4 coins per $1 inserted.
- To edit this value use the A button to increase the value and B button to decrease the value to the desired coin amount per $1 inserted. Commonly used values would include: 1 coin per dollar – set value at 0100, 2 coins per dollar – set value at 0050, 4 coins per dollar – set value at 0025.
- When you have reached the desired value, simply place the #6 switch back in the OFF position. Repeat the above steps by flipping the #5 switch to on. Set hopper #2 values to the same values set for hopper #1. When you have reached the desired value, simply place the #5 switch back in the OFF position.

Your ChangeMaker is now programmed. It is recommended that you perform a few tests with all denominations programmed to verify that the programming has been successful.

VMC MESSAGES

The “OUT OF CHANGE” message will be displayed when there are approximately 20 quarters or less in the Coin Hopper. If your Coin Hopper has plenty of quarters and the No Coins message is displayed, unplug the ChangeMaker for about one (1) minute to reset.

Your ChangeMaker also shows messages when dispensing coins, for example, $1 = 4 Qtrs when changing a $1 bill. When in full operational mode and ready to make change, the message displayed is “Insert Bill”.

Message	**Definition**
Insert Bills	Ready to accept bills and give change
Low Change	Ready to accept bills and give change, but change available in hopper is limited
Out Of Change	No change in hopper(s)
Out Of Service	Hopper fault
Credit x.xx	Bill value inserted (shown for a short period only)
Giving Change	Change being dispensed
Test Hopper 1	Single coin being dispensed as a test

DELIVERY SYSTEM

The Coin Hopper holds quarters in bulk, the Bill Validator accepts bills and cycles the Coin Plate dispensing the coins.

To Remove Coin Hopper Assembly:

a. Unlock and open the Front Door. You will want the ChangeMaker to the edge of a counter if it is not mounted to a wall or vending machine; so the Front Door opens as far as possible.
b. Slide the Coin Hopper Assembly forward until it stops. Press the latches, located on each side rail, up on the left and down on the right (Fig. 3) to release rails. Slide forward.
c. Disconnect the cable from the Coin Hopper Assembly to the Circuit Board (Fig. 4).

Figure 3 – Rail Latches

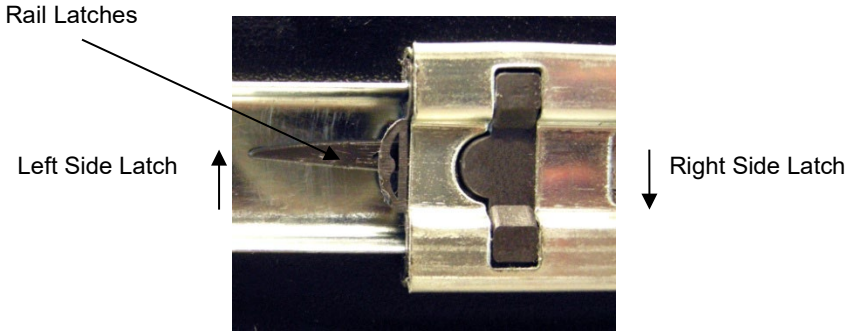
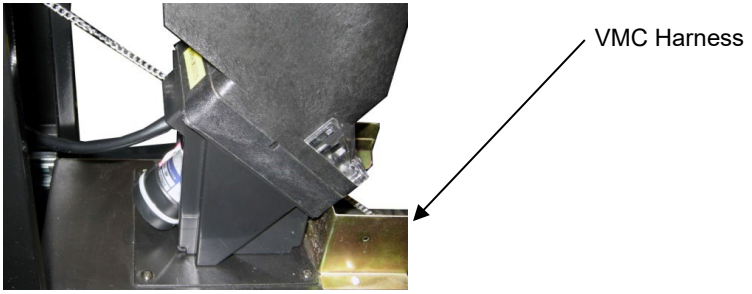


Figure 4 – Coin Hopper Assembly



LOADING CURRENCY

CAUTION: Turn off and unplug your ChangeMaker before loading or you could damage your hopper and void your warranty!

The Coin Hopper holds your quarters in bulk. To load, pour quarters into the Coin Hopper until full. When full and ready to accept bills, the green light on the lower left front of the Coin Hopper is lit and the LED Display shows “Insert Bill”.

CAPACITY

Your ChangeMaker has a change capacity of $250.

BILL RETRIEVAL

Accepted bills are stored in the Bill Tray over the hopper assembly. The bill tray can be removed by sliding it forward. Be aware that bills will land in different positions and may pile up. Do not allow bills to create jams; service the changer regularly.

CLEANING

The Coin Hopper may need to be cleaned periodically. To clean, you may either blow out the hopper with canned air, which can be found in office and computer supply stores or remove the hopper assembly and shaking any dust or debris out. Do not use liquids or chemicals on the Coin Hopper or on any part of the Bill Validator!

REMOVING THE BILL VALIDATOR

In the event that you need to replace your Bill Validator, your ChangeMaker is designed for easy replacement.

To Remove the Bill Validator.

a. Unplug the ChangeMaker.
b. Unlock and open the Front Door.
c. Unplug the Wire Harness from the Right side of the Bill Validator (Fig. 5)
d. Remove 4 lock nuts and lift Bill Validator off.

Figure 5 – Removing the Bill Validator

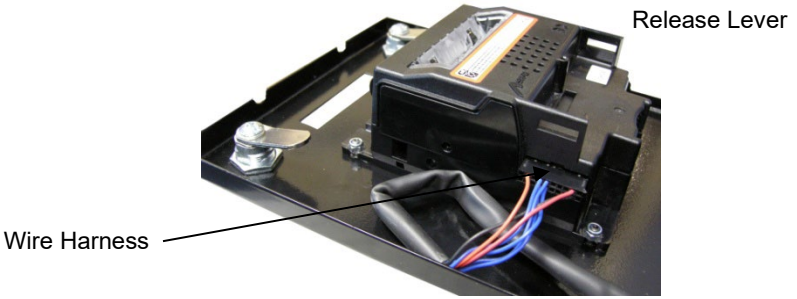
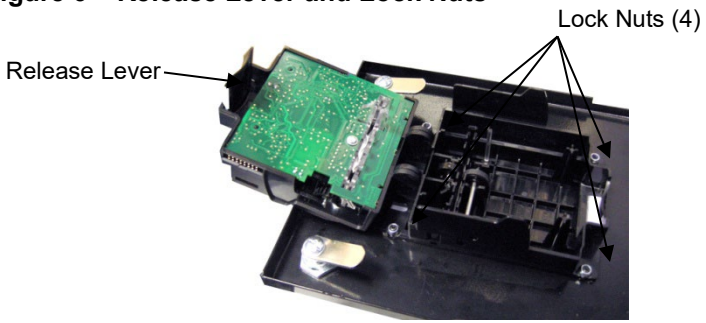


Figure 6 – Release Lever and Lock Nuts



CLEARING JAMS

Coins may become jammed in the Coin Hopper for many reasons, dirt, debris, deformed coins, etc. You will first need to remove all the coins you can from the hopper. In the case of a jammed or deformed coin, you will need to remove the hopper assembly and turn it upside down to dump out the coins.

To remove a jammed bill, open the Bill Validator per “Removing The Bill Validator” instructions in this manual and remove the jam.

DIAGNOSTIC BUTTON

Located in the rear base of the Coin Hopper (Fig. 4), the Diagnostic button is useful for taking an inventory of coins, cleaning and testing or moving the ChangeMaker.

Pressing the Diagnostic Button for three seconds and then releasing will dispense 5 coins and is useful for testing the machine.

The Hopper Assembly is equipped with an electronic controller which will reverse the coin wheel and make certain all coins have been removed. You will hear the

wheel reverse 3 to 4 times with pauses between after the hopper is empty. This is the controller making certain all coins are removed.

TROUBLESHOOTING

The Validator Lights is not green

- Check the power source on the VMC.
- Unplug the ChangeMaker, then wait one (1) minute and plug in. (This action will "reset" the ChangeMaker.) The bill validator will make a brief noise indicating it is running after reset.
- Check the Wire Harness to make sure it is plugged in to the Bill Validator.
- Check the level of coins in the Coin Hopper.
- Check for jammed coin or bill. (See Clearing Jams)
- Check the Wire Harness plug that connects the Coin Hopper.

How do I remove a jammed bill?

- Open the Bill Validator (see Clearing Jams) and remove the jam.

Bill will not feed into, or is not accepted by the Bill Validator.

- Make sure that the bill is not soiled, damaged or defaced.
- Check for a jammed bill (See Clearing Jams)
- Clean the Bill Validator.
- If green lights is off, unit may be low on coins.

My ChangeMaker is dispensing the wrong amount of coins.

- Make sure that the coins are not damaged, obstructed or stuck together.
- Check to make sure your settings are correct, see Setting Bill Value Validator runs constantly.
- Remove the VMC cover inside the changer and press the A button on the VMC to cycle the hopper (See Fig. 2)
- Contact Seaga Customer Care.

Machine displays odd characters.

- Verify that the display harness is connected on the VMC (see Fig. 2).
- Unplug the ChangeMaker, then wait one (1) minute and plug in. (This action will "reset" the ChangeMaker.) The bill validator will make a brief noise indicating it is running after reset.
- Contact Seaga Customer Care.

Machine displays “Credit $1.00” a reset has been performed.

- Remove the VMC cover inside the changer and press the A button on the VMC to cycle the hopper (See Fig. 2).
- Contact Seaga Customer Care.

Machine does not dispense correct change.

- Clean the optic sensor on the coin hopper (see Fig. 1) with a soft, scratch resistant cloth.
- Contact Seaga Customer Care.

Door does not close securely

- Make sure door is centered and none of the edges are rubbing on the cabinet.
- Gently apply pressure to the opposite side that the edge is making contact to the cabinet.
- Contact Seaga Customer Care.

The Bill Validator hits the VMC cover when attempting to close the door.

- Verify that the VMC cover is secured properly and that the thumb screw is fastened.
- Contact Seaga Customer Care.

TOKENS

Tokens can be used in place of Quarters in your ChangeMaker, but they must be as close to the size of a Quarter as possible. Look for 0.984 to 0.955 inch tokens available for purchase online and get a test sample to make sure they are compatible.

LIMITED WARRANTY

Seaga warrants to the original purchaser that the equipment is free from defects in material and factory workmanship for a period of one (1) year from date of shipment.

This warranty applies only if the equipment has been serviced and maintained in strict accordance with the instructions presented in the Operator's Manual and no unauthorized service, repair, alteration or disassembly has been performed. Any defects caused by improper power source, poor water quality or pressure, an installed water filtration system not fully functioning, abuse of the product, accident, alteration, vandalism, improper service and maintenance schedules, neglecting to de-scale and sanitize on a regular basis, use of products or ingredients not allowed in the machine, corrosion due to use of non-approved detergents or cleaning solutions, or damage incurred during return shipment will not be covered by this warranty. Further, equipment that has had the serial number removed, altered or otherwise defaced will not be covered by this warranty. Lighting components, refrigerant, glass, paint, decals, fuses, filters or hygiene replacement parts, labor and/or installation are not covered by this warranty.
Follow proper maintenance procedures and use of equipment, as described in the Operator's Manual provided on Seaga's web site at seaga.com, which include but are not limited to:

- Cleaning of equipment including regular maintenance
- Proper installation and location of equipment with respect for the indicated temperature and humidity levels
- Proper use of equipment including loading, programming and setup

THIS WARRANTY IS EXCLUSIVE AND IS GIVEN BY SEAGA AND ACCEPTED BY BUYER IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ALL SUCH OTHER WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED BY SEAGA AND WAIVED BY BUYER. Seaga neither assumes nor authorizes any person to assume for it any obligation or liability in connection with the sale of said unit(s) or any part(s) thereof.

Repair or replacement of proven defective parts is limited to manufacturing defects demonstrated under normal use and service during warranty period. Contact Seaga's Customer Care Department to be assigned a Return Authorization (RA) number. Seaga requires complete information including the serial number(s) of the machine(s), date of purchase and description of the part and/or suspected defect. Seaga may also be contacted, with complete information, by phone: 815.297.9500, by fax: 815.297.1700 and also by email: customercare@seaga.com

Send defective part(s), assembly or complete unit,
Attention to the RA Number, prepaid or delivered to:

SEAGA

700 Seaga Drive
Freeport IL 61032

Seaga will repair or replace, at our option, any covered part which meets the provisions herein during the warranty period. It is our discretion to replace defective parts with comparable parts. Seaga reserves the right to make changes or improvements in its products without notice and without obligation, and without being required to make corresponding changes or improvements in equipment already manufactured or sold.

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