

Replacing the Lower Discharge Wheel

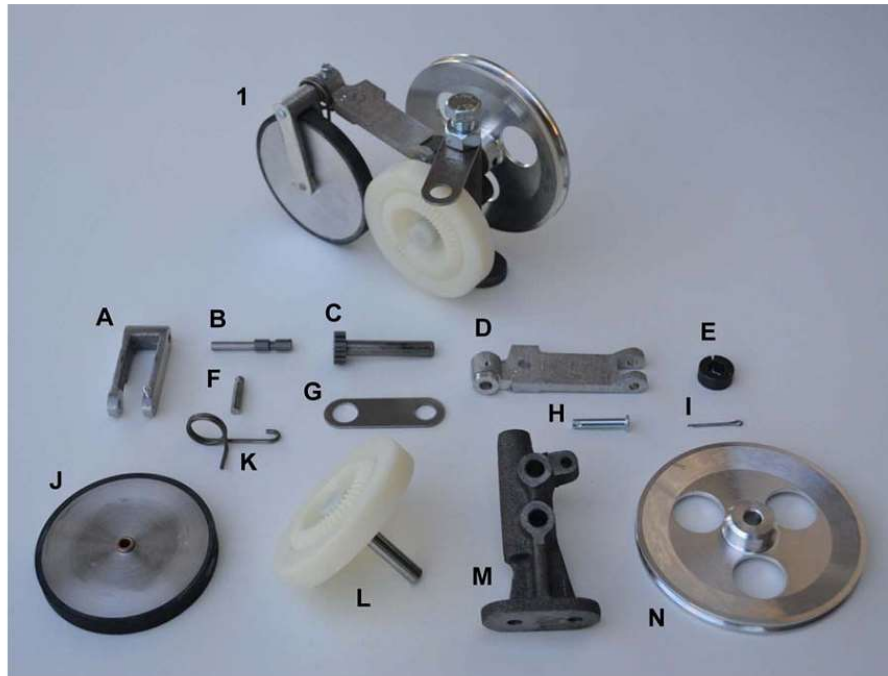
(Electric Machine - Refer to accompanying photo/parts list on page 2)

Please Note: Take care not to lose screws or other small parts you may encounter

1. Make sure the machine is turned off and unplugged. Open the top Tray and remove the two screws holding the Tray/Spout assembly onto the machine. Set the Tray/Spout assembly and screws aside.
2. Turn the machine upside down. Locate the Discharge Wheel Strap (part D). Remove the large screw holding the Strap to the bracket.
3. Once the screw is removed, you should be able to rotate the Wheel Assembly up in order to access the Eccentric Shaft (part B) that runs through the end of the Strap and through the Lower Discharge Wheel Yoke (part A). (NOTE: On some machines, the Tube Clip Bracket may prevent the Wheel from rotating all the way up. It may be necessary to remove the Tube Clip and bend the Bracket out of the way. Be sure to return the Bracket and Clip to the same positions later.)
4. There is a Lower Discharge Wheel Spring (part K) hooked to the Wheel Yoke and the adjacent Strap. Take note of how this Spring is positioned on the Yoke and Strap so you can replace it exactly the same way later.
5. There is a small screw on the side of the Lower Discharge Wheel Yoke (NOT the one on top of the Strap; leave the Strap screw alone for now). Remove the screw from the side of the Yoke, and the Yoke and Spring should slide off the Eccentric Shaft (part C). You may need to use a flat-head screwdriver to hold the other end of the Eccentric Shaft in place while you do so. Leave the Eccentric Shaft in place. Make sure you note how the Yoke is oriented so as to replace it the same way later.
6. Once the Yoke/Wheel assembly is free, there should be a small set screw holding the Lower Discharge Wheel onto the Lower Discharge Wheel Shaft (part F). Remove this screw, and you should be able to push the Shaft out and free the Wheel.
7. Attach the new Wheel by sliding the Shaft through the Yoke and Wheel and reattaching the set screw. Basically, reverse the actions of Step 6. Optionally, you may also want to add 1 drop of 3-in-1 oil to the shaft if it seems necessary.
8. Slide the Yoke/Wheel assembly back onto the Eccentric Shaft in the same orientation as it was before, with the Spring positioned the same way it was before. Remember, the notch on the Yoke should be caught by the tab on the bracket. Reattach the screw you removed in Step 5. (This step may be somewhat difficult, as you will need to hold the unit together while tightening the screw.)
9. Rotate the Wheel Assembly back down, making sure it rests firmly against the plastic Drive Wheel (part L), and replace the large screw you removed in Step 2. At this point, slightly loosen the small set screw on top of the Strap, about 1/2 turn.
10. Turn the machine right side up, with the front facing you. Turn the Coin Gauge to the Dime setting. There is a small hole in the right hand side of the machine. Slide a flat-head screwdriver into this hole so it meshes with the flat-head groove on the Eccentric Shaft. You may need to lift the front of the machine to see the groove.
11. Look through the front of the machine where the coins come out so you can see both the Upper and Lower Wheels. Turn the screwdriver back and forth and you will see the gap between the Wheels change. Make this gap slightly less than the thickness of a dime. Once set, turn the machine upside down and tighten the set screw on the Strap.
12. Turn the machine right side up. Use your hand to manually turn the coin Disc while watching the Lower Wheel turn to make sure it moves without impediment. If satisfied, plug the machine in and turn it on to make sure all is working well. Replace the Tray/Spout Assembly if all is well.

If you have any issues or question please call us and we can help you through the procedure.

CE Drive Unit Assembly #94-2220



Item	Part #	Description	Price
1	#94-2220	CE Drive Unit	\$225.00
A	#3-22211	Lower Discharge Wheel Yoke	\$23.00
B	#3-22212	Eccentric Shaft	\$15.25
C	#94-2120	CE Spur Gear Assy	\$23.00
D	#4-2230	Discharge Wheel Strap	\$29.00
E	#4-2130	Drive Shaft Collar	\$4.00
F	#3-2225	Lower Discharge Wheel Shaft	\$3.00
G	#4-2920	Gear Brace	\$1.00
H	#4-2300	Clevis Pin	\$2.25
I	#278-384061075	Cotter Pin	\$0.50
J	#94-2210	Lower Discharge Wheel	\$45.00
K	#3-2223	Lower Discharge Wheel Spring	\$3.00
L	#4-2110	CE Drive Wheel	\$18.50
M	#4-2120	Drive Unit Bracket	\$39.00
N	#4-3600	Motor Pulley	\$14.50