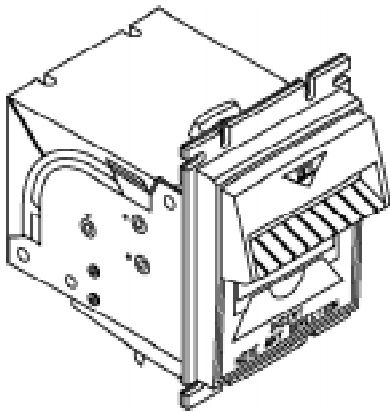




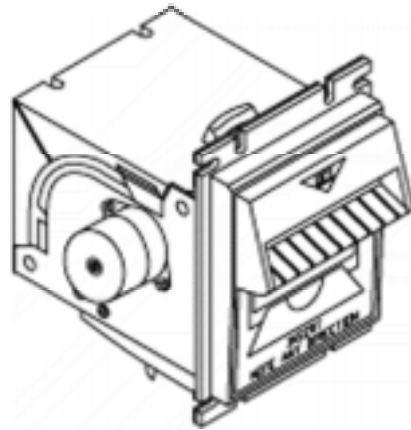
INSTALLATION INSTRUCTIONS FOR THE NEW \$ 5 AND 10 UPGRADE KIT

Stackerless models AMZ-154 and AMZ-PLUS with PLCC type CPU chip

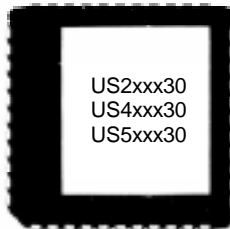
Validator with **internal motor**
PLCC type CPU chip



Validator with **external motor**
(Please check for PLCC type CPU chip -
this upgrade kit will not work with a DIP chip)



PLCC Chip



Chamfered Edge

DIP Chip





PARTS ENCLOSED:

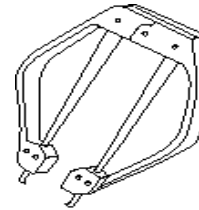
- 1 x PLCC type CPU with embedded program
- 1 x Label "New \$ 5 & \$10 Ready"

TOOLS REQUIRED:

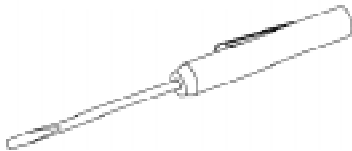
Wrist ground strap
Happ Controls Part No.
80-0308-00



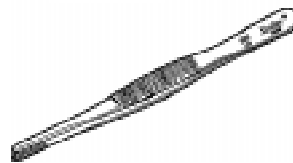
PLCC extraction tool
Happ Controls Part No.
92-0267-00



Flat head screwdriver
Happ Controls Part No.
92-0206-02



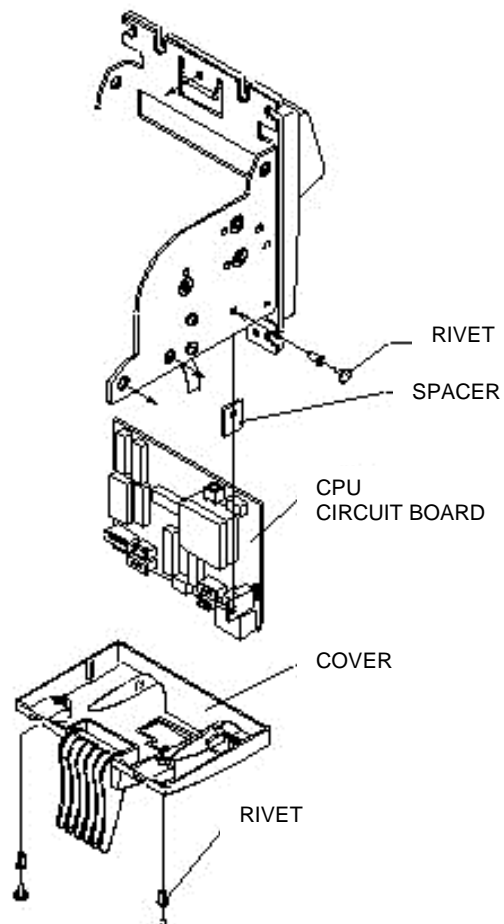
Flat tweezers
Happ Controls Part No.
92-0256-00





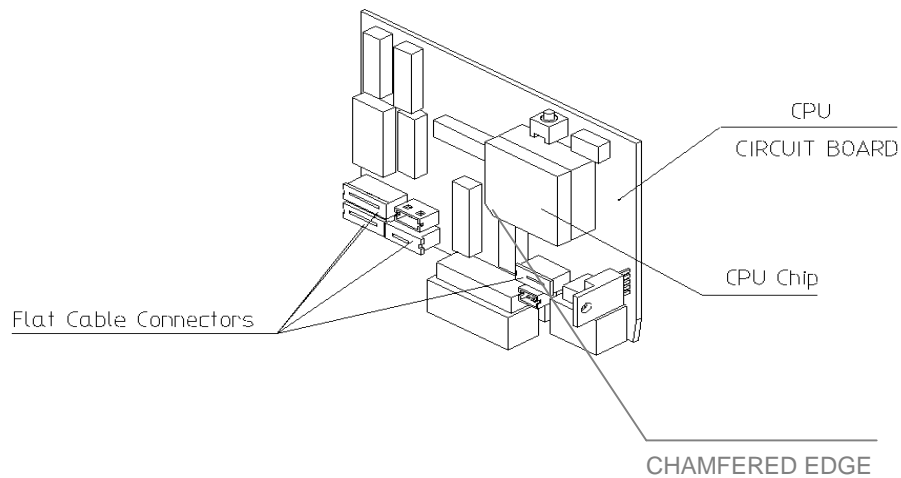
INSTRUCTIONS:

STEP 1: Remove two (2) screws or plastic rivets from the bottom cover plate on the validator and remove the cover plate. Be sure to retain the screws/rivets.





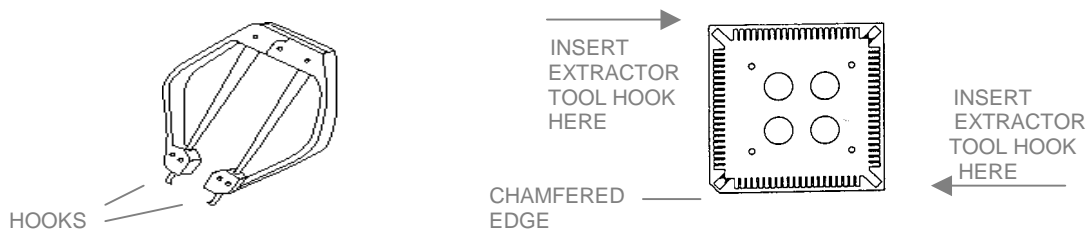
STEP 2: Please note which cable goes to which connector. Use the small flat head driver and lift the cable connector heads up to release the cables. Use the tweezers and gently pull the cables up and out from the connectors on the CPU printed circuit board.



STEP 3: Attach the ground strap to your wrist and the other end with the clip to a metal water pipe or electric ground.

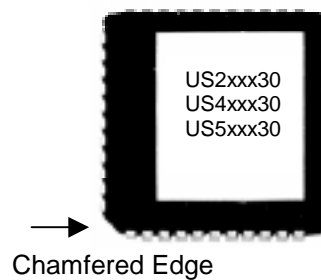
STEP 4: Remove the plastic rivet from the side of the validator and remove the circuit board. **Locate the CPU chip to be replaced.**

STEP 5: Locate the corner slots in the socket and insert the hooks of the extraction tool. While gently squeezing the tool, the chip can be lifted out of the socket. Pay attention to the fact that one corner of the chip has a chamfered edge. The socket also has a corner to fit this edge.





STEP 6: Locate the chamfered edge on the new chip, sit the new chip in the socket and press down. NOTE: The chip should go down into the socket with little effort. DO NOT FORCE IT. DO NOT ALIGN THE CHIP ACCORDING TO THE POSITION OF THE LABEL. MATCH THE CHAMFERED EDGE.



STEP 7: DIP switch settings do not change. Re-install the CPU circuit board. Use the tweezers and place the cables into the connectors. Push the connector heads down to lock the cables into the connectors. Re-insert the plastic push rivet in the side along with the spacer. Place the cover plate back and re-insert the two (2) push rivets or screws. Apply the update sticker to the outside of your validator for reference.

STEP 8: Power up the validator and begin accepting the new \$ 5 and \$ 10 bills.