

Conversion Kit TM-1

Hamilton HV to Mars

This instruction set is intended for those converting a Model 540 tube type changer from the HV series validator to a Mars 2000 series bill acceptor. Please read all the instructions before beginning the conversion.

Installation

Begin by turning the power off to the changer. Remove the HV validator, unplug the heating pad and then grind the spot welds on the bracket to remove it.

Remove small exterior plate from the opening and align the supplied template. Mark the two holes for the outside plate studs and drill two 5/16" holes. Mount the new outside plate using the existing hardware. Mount the inside plate and fasten with supplied nuts. Align the new validator over the small studs so that the nose is about midways thru the outside plate. Install the final nuts (supplied) and **LIGHTLY** tighten. **OVERTIGHTENING WILL CRACK THE NOSE.**

Wiring and testing

The wiring harness of the Mars will simply plug into the existing Hamilton harness. It is suggested that you mount the harness box to the side of the cabinet using the attached 2 sided tape in order to relieve stress on the wiring connections.

Restore power to the changer and wait for the Mars to power up. Your unit has been programmed via the programming coupon. If you desire different acceptance values you may make a copy of the blank coupon found in the Mars instruction manual. Fill in the blanks and complete the new program. Complete information can be found in the Mars manual. ***It is very important that the pulse, pulses per dollar and interface selection portion of the programming coupon remain as originally programmed.***

Insert bills of desired denominations and insure that the changer dispenses the correct amount of change. If you have any problems or questions, please contact us either by phone or email.

NOTES:

- The stacker box **MUST** be in position for proper operation.
- I suggest that you **DO NOT** accept \$10 or \$20 bills due to the limited capacity. If you do elect to take the \$10 bill be sure and check for proper payout.
- The red light at the rear of the new acceptor will flash twice when the tube runs out of change.
- The dip switches on the validator **MUST** be in the off position for proper operation.
- The tubes will dispense change somewhat faster than before.

