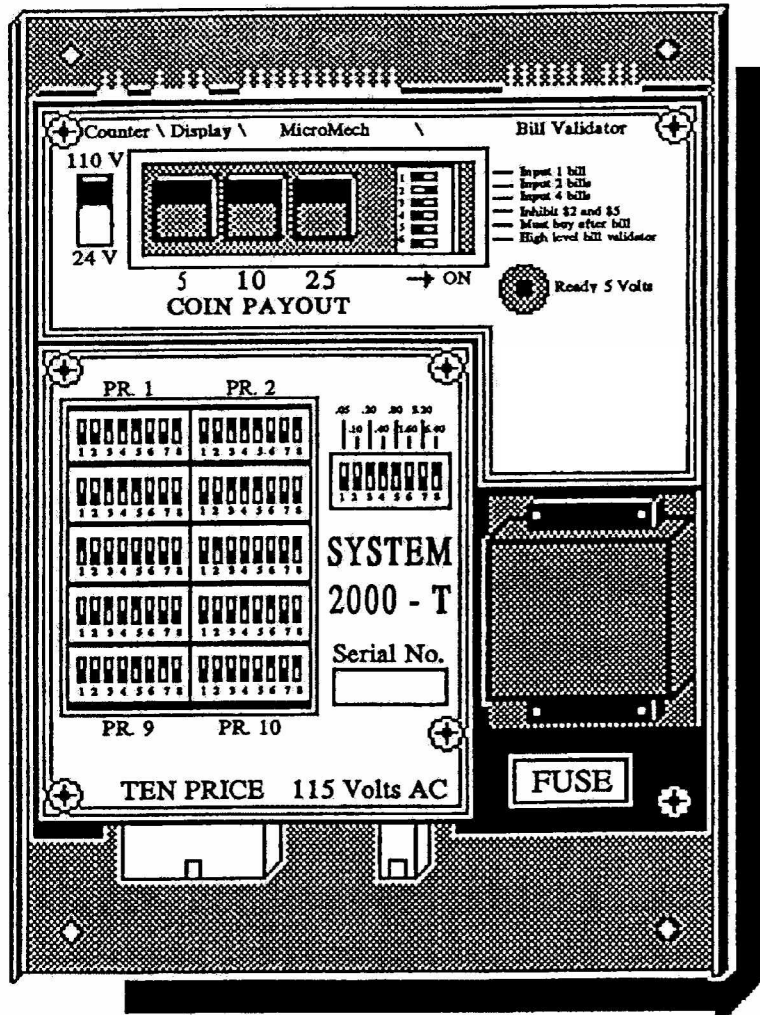


SYSTEM 2000

CONVERSION SYSTEMS

INSTALLATION PARTS & SERVICE



2062 E. 70TH STREET, CLEVELAND, OH 44103
 (216) 361-1022 OR TOLL FREE (800) 445-8363

OPTIONAL CASH METER

Mars # 91-16-168-4

OPTIONAL COIN CHANGERS

Mars TRC6000 coin changer
 Mars MC5000 coin changer
 Coinco 9300L coin changer

OPTIONAL BILL VALIDATORS

Low level bill validators
 Mars VFMI-LI-U2CS, VFM3-LI-U2CS
 Mars LOO5-U2C
 High level bill validators
 Mars VFMI-LI-U2CS, VFM3-LI-U2CS
 Mars LOO5-U2CS
 Maka NB-10-A/B, NB-15-A/B
 ROWE and COINCO

OPTIONAL CREDIT DISPLAY

CREDIT DISPLAY #0850
 Mars L.C.D. #91-20-139-4

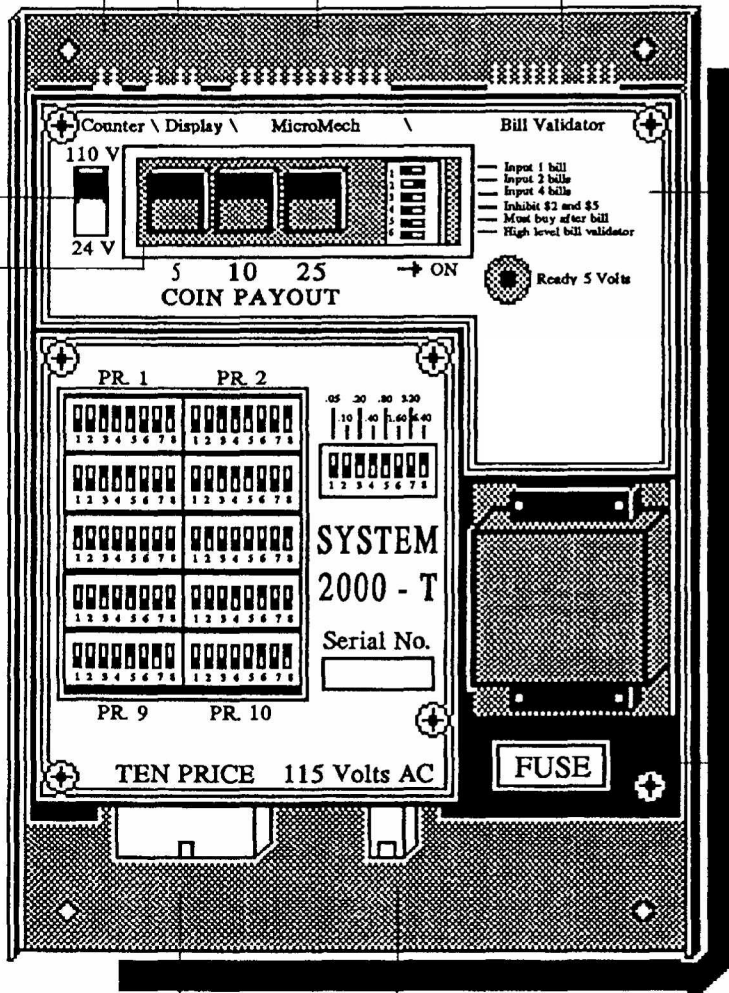
Switch must be set to the voltage of the old changer NOT the voltage of the changer or validator.

Nickel, dime and quarter coin payout buttons

System 2000-T Has 10 pricing switches.

System 2000-F Has 4 pricing switches.

System 2000-M Has NO pricing switches. All pricing switches for the Multi-Price are located in the vendor not on the changer.



PROGRAM SWITCHES

- No. 1, 2, 3 are dollar input switches.
- No.1 (on) one dollar only
- No.2 (on) two dollars only
- No.3 (on) four dollars only
- No. 1&2 (on) = three dollars only
- No. 1&3 (on) = five dollars only
- No. 2&3 (on) = six dollars only
- No.1, 2&3 (on) = seven dollars only
- No.4 (off) accepts \$2 & \$5 dollar bills
- No.4 (on) accepts \$1 dollar bills only
- No.5 (off) will make change for dollars
- No.5 (on) must buy after any bill has been stacked
- No.6 (off) low level bill validator
- No.6 (on) high level bill validator

FUSE ASSEMBLY

2 AMP fuse
 Under steel cover

COIN CHANGER INTERFACE PLUG ASSEMBLY

System 2000-T, Ten price interface plug #5610
 System 2000-F, Four price interface plug #5604
 System 2000-M, Multi-Price interface plug #5618

POWER CORD ASSEMBLY

Power cord #5470
 Connect to 115 volts ac.



2062 E. 70TH STREET, CLEVELAND, OH 44103
 (216) 361-1022 OR TOLL FREE (800) 445-8363

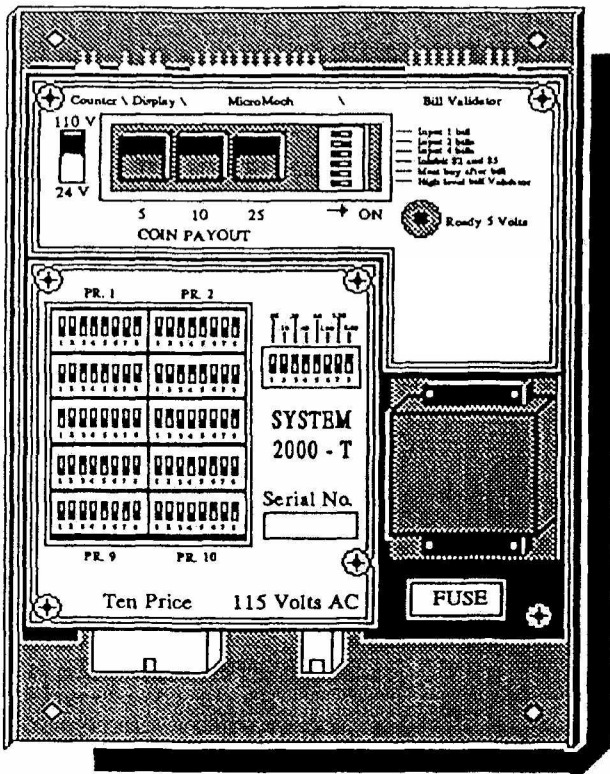
SYSTEM 2000 IS AVAILABLE IN 3 MODELS

SYSTEM 2000-T: WILL REPLACE THE TEN PRICE COIN CHANGER (MC5900, MC5910, 500, 504 AND COINCO T-150, T-300).

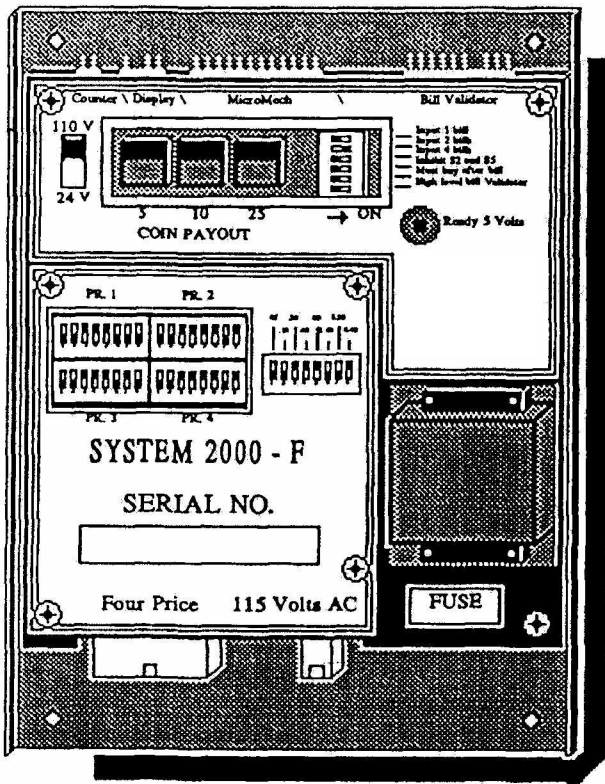
SYSTEM 2000-F: WILL REPLACE THE FOUR PRICE COIN CHANGER (MC5920, MC5930, 540, 544 AND COINCO F-150, F-300).

SYSTEM 2000-M: WILL REPLACE THE MULTI-PRICE COIN CHANGER (MC5960, 604 AND COINCO M-150, M-300, M-300-E).

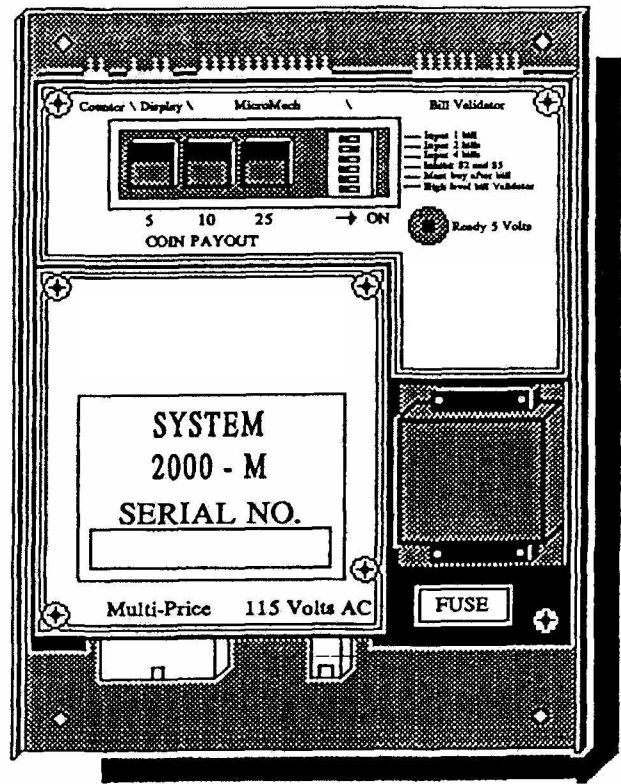
THIS MANUAL WILL COVER ALL 3 OF THE SYSTEM 2000 MODULES.



TEN PRICE UNIT



FOUR PRICE UNIT



MULTI-PRICE UNIT

1. REMOVE THE MULTI-PRICE COIN CHANGER FROM VENDING MACHINE.
IT WILL NO LONGER BE NEEDED.
2. INSTALL THE SYSTEM 2000-M BEHIND THE EXISTING COIN CHANGER COMPARTMENT; YOU MAY HAVE TO RELOCATE THE EXISTING MULTI-PRICE SOCKET UP HIGHER. CONNECT THE HARNESS WITH THE 18 PIN BLACK PLUG ON ONE END TO THE SYSTEM 2000-M CONTROL BOARD LABELED MULTI-PRICE, THEN PLUG THE 18 PIN BLACK PLUG INTO THE EXISTING MULTI-PRICE VENDOR SOCKET.
3. CONNECT THE HARNESS MARKED 115V TO THE SYSTEM 2000-M CONTROL BOARD LABELED 115 VOLTS AC.
4. CONNECTIONS FOR THE STRIPPED END.
WHITE WIRE WITH SPADE CLIP IS MACHINE GROUND. PUT UNDER ANY SCREW ON CABINET.
RED WIRE IS 115 VAC HOT
BLACK WIRE IS 115 VAC NEUTRAL
CONNECT RED AND BLACK TO 115 VAC. PREFERABLY TO THE CONTROLLED SIDE OF THE ON/OFF SWITCH.
5. THE CASH METER AND CREDIT DISPLAY HARNESS (6in. DUAL HARNESS) WILL FIT A CASH METER AND CREDIT DISPLAY (NOT INCLUDED IN THE SYSTEM 2000-M). THEY ARE AVAILABLE THROUGH D&S VENDING, INC. (LED CREDIT DISPLAY PART NO.0850. RED LENS NO.0803. 14 FT. CREDIT DISPLAY HARNESS NO.5418. CASH METER NO.0168)
6. THE SYSTEM 2000-M CAN ALSO BE USED WITH MARS CASH METER NO.91-16-168-4. MARS LED CREDIT DISPLAY NO.91-16-175-4. RED LENS NO.0803 OR MARS LCD DISPLAY NO.91-20-139-4. CLEAR LENS NO.0800. 14FT. CREDIT DISPLAY HARNESS NO.S418.
7. GET THE HARNESS WITH THE BLACK 12 PIN SOCKET AND CONNECT THE RED HEADER TO THE SYSTEM 2000-M CONTROL BOARD AT THE TOP LABELED MICROMECH. INSTALL THE NEW COIN CHANGER (MARS MC5000. TRC6000 OR COINCO 9300-L) AND PLUG IT INTO THE BLACK 12 PIN SOCKET ON THE HARNESS JUST INSTALLED. THE MARS LOW LEVEL BILL VALIDATOR HARNESS HAS TWO PLUGS WHITE AND BLACK AT ONE END AND A 10 POSITION RED CONNECTOR AT THE OTHER END. CONNECT THE 10 POSITION RED CONNECTOR TO THE SYSTEM 2000-M CONTROL BOARD LABELED BILL VALIDATOR. THIS HARNESS IS 14 FT. LONG SO IT REACH MOST BILL VALIDATOR LOCATIONS.
8. MARS VFM3-L1-U?C BILL VALIDATOR.
SWITCH SETTINGS ARE 2,6,7 ON, 1,3,4,5,8 OFF. (LOW LEVEL)
THERE ARE NO SWITCH SETTINGS ON MARS VFM1-L1-U?C. (LOW LEVEL)
9. MOUNT THE BILL VALIDATOR AND CONNECT THE BLACK PLUG TO THE BLACK MARS CONTROL BOX THEN CONNECT THE 9 PIN WHITE PLUG TO THE LOWER PLUG ON THE MARS VALIDATOR.
10. MAKKA, COINCO OR ROWE BILL VALIDATOR HARNESS. (HIGH LEVEL) THIS HARNESS IS AN 8 INCH ADAPTOR. CONNECT THE 10 POSITION CONNECTOR ON THE SYSTEM 2000-M CONTROL BOARD LABELED BILL VALIDATOR. CONNECT THE 14 FT. MAKKA HARNESS TO THE ADAPTOR AND TO THE BILL VALIDATOR. SEE THE SYSTEM 2000-M SET UP FOR PROPER PROGRAMMING.



2062 E. 70TH STREET, CLEVELAND, OH 44103
(216) 361-1022 OR TOLL FREE (800) 445-8363

SYSTEM 2000 (M =MULTI-PRICE) (T =TEN PRICE) (F =FOUR PRICE)

TO RETROFIT A CONTROLLER BOARD AND MIRCOMECH ONTO VENDORS NOW USING MULTI-PRICE, TEN PRICE OR FOUR PRICE COIN CHANGER. REPLACES MARS ELECTRONICS MC5900, MC5910. MC5920, MCS930, MCS960. 500, 504, 540, 544, 604 R REPLACES COINCO F75, F150, F300. F300E. M150, M300, M300E

SYSTEM 2000 PROGRAMMING:

SW. NO.1 (ON) ALLOWS THE CUSTOMER TO INSERT ONE BILL AND KEEPS IT IN ESCROW.

SW. NO.2 (ON) ALLOWS THE CUSTOMER TO INSERT TWO BILLS AND KEEPS THE SECOND BILL IN ESCROW.

SW. NO.3 (ON) ALLOWS THE CUSTOMER TO INSERT FOUR BILLS AND KEEPS THE THIRD BILL IN ESCROW.

SW. NO.1 & NO.2 = 3 BILLS, SW. NO.1 & NO.3 = 5 BILLS. SW. NO.2 & NO.3 = 6 BILLS AND SW. NO.1, NO.2 & NO.3 = 7 BILLS.
TWO DOLLAR BILL = 2 BILLS.
FIVE DOLLAR BILL = 5 BILLS
AFTER A TWO OR A FIVE DOLLAR BILL IS ACCEPTED ONLY ONE DOLLAR BILLS WILL BE ACCEPTED.

SW. NO.4 (OFF) WILL ACCEPT TWO OR FIVE DOLLAR BILLS.

SW. NO.4 (ON) WILL NOT ACCEPT TWO OR FIVE DOLLAR BILLS.

SW. NO.5 (OFF) FULL ESCROW ALL MONEY ACCEPTED WILL BE RETURNED WHEN COIN RETURN IS REQUESTED.
THIS MEANS COINS WILL BE RETURNED FOR ALL BILLS THAT WERE ACCEPTED AND WENT INTO THE BILL STACKER.

SW. NO.5 (ON) MUST BUY ONLY AFTER THE FIRST BILL HAS BEEN ACCEPTED AND STACKED IN THE BILL STACKER. THE COIN RETURN REQUEST WILL ONLY RETURN A BILL IN ESCROW.
NO COINS OR BILLS IN THE STACKER WILL BE RETURNED. THE CUSTOMER MUST BUY A PRODUCT.

SW. NO.6 (OFF) LOW LEVEL BILL VALIDATOR (MARS VFM1-L1-U?C OR VFM3-L1-U?C)

SW. NO.6 (ON) HIGH LEVEL BILL VALIDATOR (MAKA. COINCO & ROWE)



2062 E. 70TH STREET, CLEVELAND, OH 44103
(216) 361-1022 OR TOLL FREE (800) 445-8363