



MODEL: TRC-6512 MDB

Intellitrac™ Series  
Multi Drop Bus (MDB) Coin Changers  
**INSTALLATION and OPERATION GUIDE**

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## GENERAL INFORMATION

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The TRC-6512 is a change giving coin mechanism intended for use in Vending Machine Controller (VMC) systems implementing the Multi Drop Bus serial interface. Vend price range, number of vend prices and optional equipment is determined by VMC.

### Changer Package

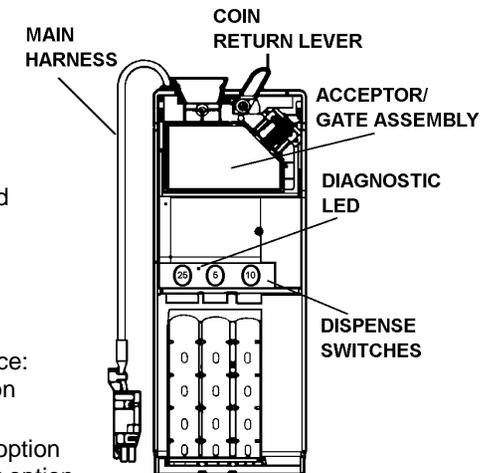
Store the changer (Fig. 1) in its original shipping carton when not in use. This carton must be used when shipping the changer for repair/exchange purposes.

### Power Requirements

The Vending Machine Controller (VMC) supplies DC power to the TRC-6512 MDB. 34VDC (nominal 24VAC rectified and filtered)  
The coin changer must be powered by an NEC Class II source.

### Features include:

- Nickel, dime, quarter acceptance: dollar coin accept / reject option
- Nickel, dime, quarter payout
- Low or High quarter inventory option
- Maximum Acceptance/Security option
- Coin Dispense Switches
- Diagnostics LED



**MDB Changer**  
**Figure 1**

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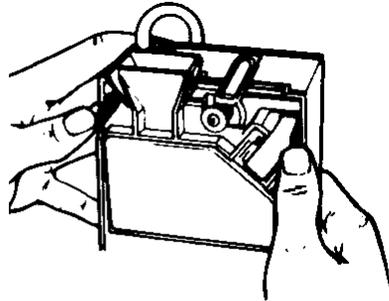
[www.meiglobal.com](http://www.meiglobal.com)

## INSTALLATION INSTRUCTIONS

Remove power to the door

### Step 2: Lower Acceptor/Gate Assembly

Lower the Acceptor/Gate Assembly (Fig. 2) by



Lowering the Acceptor/Gate Assembly  
FIGURE 2

the flight deck assembly beneath the flexible lower flap. Set switches as desired using a small

Do not use a graphite pencil point.

### Step 4: Install changer in Vendor

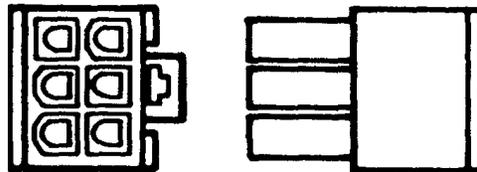
Adjust the vendor mounting screws to stand off a minimum of

screws. Tighten all screws to secure the changer in place. Changer must be vertical to withi

### Close the Acceptor

Press the Acceptor/Gate Assembly back into the Housing until the spring clips engage.

### Step 6: Connect MDB Cable



FRONT Changer Power Plug SIDE  
FIGURE 3

## CHECKING ALIGNMENT

Check that:

- Changer is flush against vendor wall.
- Coin insert chute is aligned above center of coin cup.
- Changer reject and cash box chutes are aligned with vendor reject and cash box chutes.
- t within +/- 3°

Inspect coin return alignment. Vendor Coin Return Lever should fully depress changer Coin Return Lever but not touch when released.

## CHECKING CHANGER OPERATION

Depress each switch in sequence for 1-2 dispense cycles.

Depressing and holding of the dispense switch for longer than 4 to continuously dispensing of the coin, simply depress any dispense switch once.

Request escrow return. Replace coins in coin tubes.

proper change is paid back. Replace coins in coin tubes.

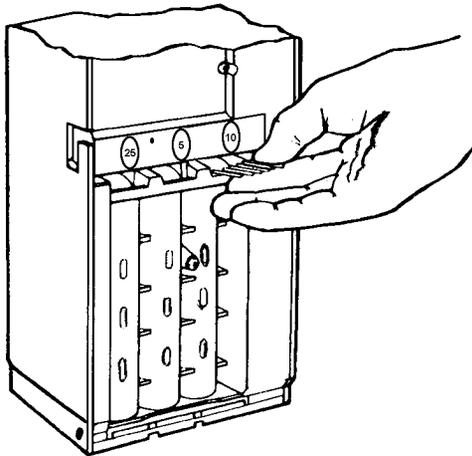
**WARNING !!!**  
**DO NOT CONNECT CHANGER TO THE VENDING MACHINE WITH POWER APPLIED**



### Step 6: Fill coin tubes

Before applying power, fill the coin tubes to the desired levels by inserting coin into the loading slots located on the Coin Tube Front (Fig. 4). Approximate coin tube levels are:

Coin Type	Low Sensor	High Sensor
Quarter	4 to 6	67 to 74
Dime	7 to 9	91 to 96
Nickel	4 to 6	61 to 66



Filling the coin tubes  
FIGURE 4

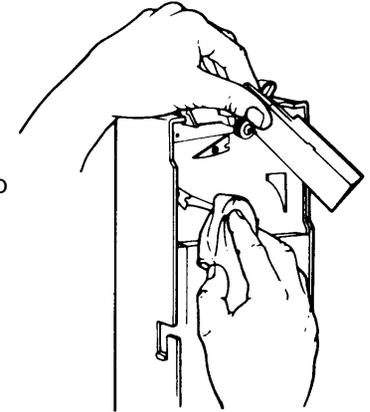
### Step 7: Set Prices

Set price(s) in vendor. Refer to vendor operation manual for instructions.

## CLEANING

### Cleaning the Acceptor Assembly

The coin ramp and the back of the Acceptor lid should be kept clean at all times. Wipe clean using a damp cloth (Fig. 5). For problem cleaning, dampen the cloth with water and mild soap. Do not use solvents, steel wool, scouring pads, or a metal bristle brush. Do not spray with any type of lubricant.



Cleaning the Acceptor Assembly  
FIGURE 5

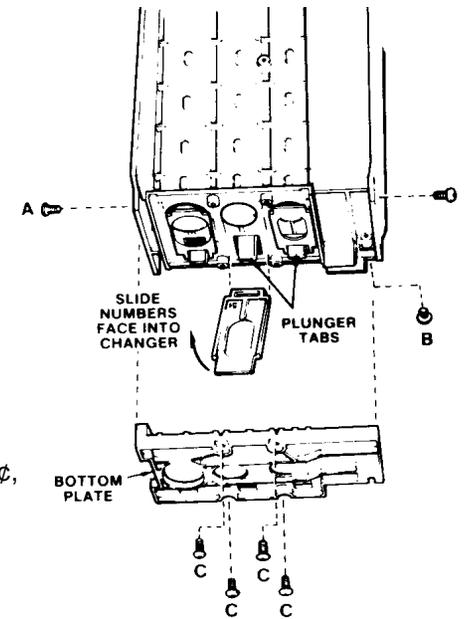
### Cleaning the Dispenser Assembly

To clean the Dispenser Slides, detach the bottom plate by removing the 7 Phillips head screws - 4 screws (C) on the bottom of the changer, 1 screw (A) on each side and the recessed screw (B) on the back (Fig. 6).

Lift out the bottom plate and individual slides. Clean with a mild soap solution. Do not spray with any type of lubricant.

To replace, set the slides on the bottom plate with the 5¢, 10¢, and 25¢ numbers facing up into the changer. Align link arms with the slots in each slide assembly.

Replace the screws.



Cleaning the Dispenser Assembly  
FIGURE 6

