

**MAKO™**  
**CASH DISPENSER**  
**PEDESTAL**  
**INSTALLATION GUIDE**

VERSION 2.0

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# MAKO CASH DISPENSER PEDESTAL INSTALLATION GUIDE

## IMPORTANT!

The Mako Dispenser and Pedestal are not meant to be a freestanding assembly! The security of the unit depends upon attaching the pedestal directly to the concrete flooring at the installation location!

## EQUIPMENT AND TOOLS REQUIRED

### PARTS SUPPLIED

#### MAKO Pedestal

4	3/4" Expansion Inserts	4	Washers
4	3/8" Bolts		
<b>Optional Security Chain (Installation Kit)</b>			
1	Chain	1	Dowel
3	"Plus" (+) Plates	1	Pin Bracket
3	"Minus" (-) Plates	1	Ring Pin
4	Mounting Stakes	2 ea.	1/4" Screws, Nuts, Lock Washers

### REQUIRED TOOLS/EQUIPMENT

#### MAKO Pedestal

1	Pin-in-Torx Bit (supplied)	1	Heavy-Duty Electric Hammer Drill
1	Torx Key (supplied)	1 ea.	1/2", 3/8", 3/4" Drill Bits
1	Bubble level	1 ea.	5/16" Socket and Ratchet
1	Flat Head Screwdriver		

#### Optional Security Chain

1	Hammer - 2 Lb.	1 ea.	1/4" Nut Driver (or Socket Wrench)
1	Flat Head Screwdriver	1	Heavy-Duty Electric Hammer Drill
1	3/8" Drill Bit		

## SAFETY FIRST!

### TOOL USE/SAFETY!

Observe ALL safety precautions for operating hand and power tools! Wear eye protection while operating the electric drill and while using the hammer to drive anchor spikes into the floor!

### ELECTRICAL/ MECHANICAL SAFETY

Observe ALL safety precautions for electrical equipment. Exercise extreme care and use proper lifting techniques when moving heavy items!

**INSTALLATION PROCEDURE**

Follow these steps to install the Mako unit:

**1 DETERMINE PEDESTAL LOCATION**

Move the pedestal assembly to the location where it will be installed (See Figure 1). Ensure there are no obstructions that would prevent access to the interior of the lower pedestal enclosure (you will be removing the front panel and one of the side panels in the next step).

**2 REMOVE LOWER ENCLOSURE PANELS**

Select one of the side panels for removal. Using the provided torx-key tool, remove the two tamper-resistant fasteners that secure the selected side panel to the pedestal frame. Tilt and slide the panel out of its slotted supports. (See Figure 2)

Open the door of the security cabinet and slide the front panel (and optional graphics panel, if installed) up and out of the slotted supports. (See Figure 3)



*Fig. 1*



*Fig. 2*



*Fig. 3*

### 3 LEVEL THE CABINET

Use a screwdriver to screw all four leveling feet in so they are flush with the bottom of the cabinet. Use a bubble level to check the leveling (Figure 4). If necessary, adjust one or more of the feet slightly to achieve a level base (Figure 5), **keeping the feet as close to the bottom of the cabinet as possible**. When done, the cabinet should be resting evenly on all four feet, and should not rock or tilt in any direction.



Fig. 5

### 4 DRILL PEDESTAL MOUNTING HOLES

Locate the four hole-cutouts in the metal frame of the pedestal base and use them to mark the drilling points for the pedestal mounting holes.

If the optional security chain is to be installed, place any one of the chain-anchor plates inside the large cutout in the center of the enclosure floor. Center the plate between the left and right sides of the cutout, then **push the plate to the back edge of the cutout**, as shown in Figure 6. Mark the drilling points for the chain anchor plates, which will be installed in a later step.

Close the security cabinet door and move the pedestal (and chain anchor plate) aside to provide clear access to the mounting-hole pattern. Drill four 1/2" holes, at least three inches deep, into the concrete flooring at the pedestal base locations marked earlier. Next, drill each hole to a depth of two inches, using a 3/4" bit. (See Figure 7)

Leveling Foot

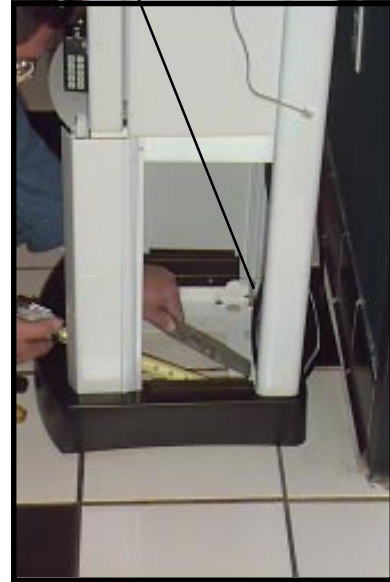


Fig. 4



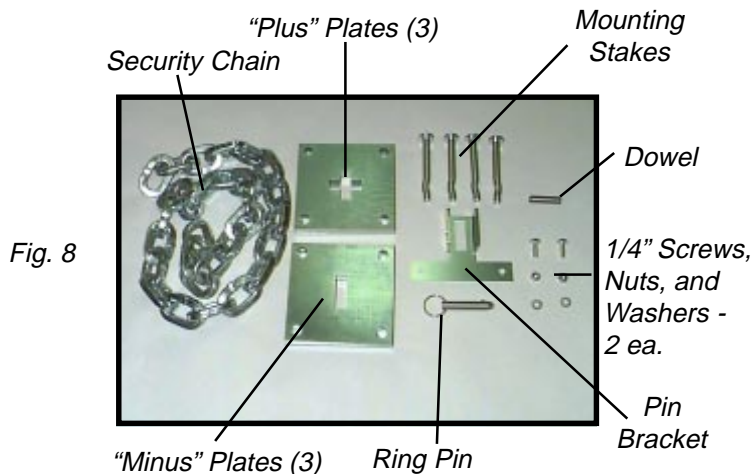
Fig. 6



Fig. 7

If the optional security chain is being installed, drill four, 3/8" holes at least three inches deep, into the concrete flooring at the anchor plate positions marked earlier.

**5** **INSTALL OPTIONAL SECURITY CHAIN ANCHOR**



The components of the optional security chain installation kit are shown in Figure 8.

Assemble two stacks of chain anchor plates. First, assemble a stack using the three "plus" plates and set aside. Next, place **two (NOT THREE)** "minus" plates together, ensuring the slots are aligned in the same direction, and place one of the end links of the chain partially through this slot. (Figure 9)

Slip the short metal dowel rod through the loop in the chain, as shown, and hold the assembly so that the chain is held in position. Finally, place the stack of "minus" plates (with the attached chain) on top of the stack of "plus" plates, aligning the slots so that the two parts fit together, forming a single stack. (Figure 10)

When moving the plates (as directed in the next step) be sure to keep a firm hold on the stack as you move it into position.



Fig. 9

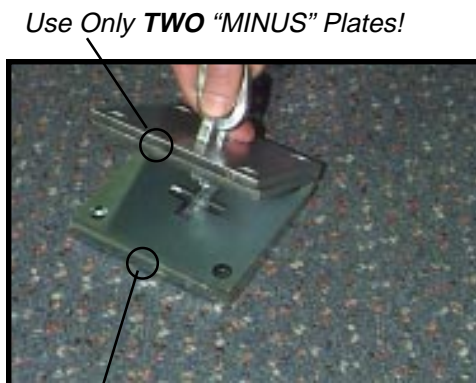


Fig. 10

Use **THREE** "PLUS" Plates.



Fig. 11

Place the stack of chain-mounting plates into position for mounting. Align the corner holes of the stack with the mounting holes you previously drilled. Place a mounting stake through each corner hole. Each stake should pass completely through the plate stack and fit into the mounting hole. (Figure 11)

Hammer the stakes into the flooring (See Figure 12). Bunch the chain into a bundle around the plate (this will make it easier to place the pedestal into its final mounting position).

### 6 INSTALL THE PEDESTAL

Place the four provided 3/4" expansion inserts into the pedestal mounting holes that were drilled previously. The threaded end of each insert should be inserted **first**. If necessary, tap the inserts into the holes with a hammer (not provided) to ensure they are flush with the surface of the floor.

Move the pedestal back into position for mounting. It may be necessary to tilt the unit slightly to clear the security chain. Align the mounting-hole cutouts in the pedestal base with the mounting holes.

Insert a 3/8" security bolt through a provided washer and into each insert. Using a 5/16" socket and wrench (not provided) and the special "pin-in-torx" bit (provided), firmly tighten the bolts into the inserts to secure the pedestal to the floor.

Locate the unit's phone and power cables in the pedestal base and route the cables through the "mouse" hole cutout in the base.

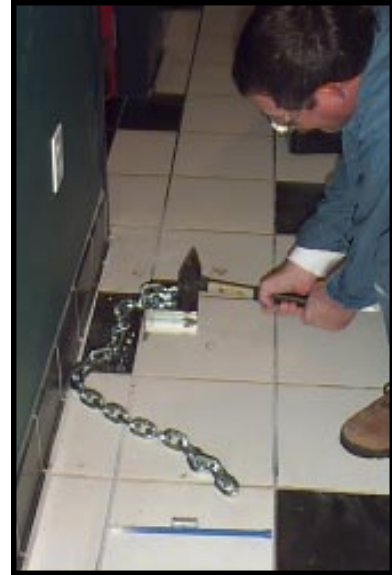


Fig. 12

**7 ATTACH OPTIONAL SECURITY CHAIN TO VAULT**

Open the security container door. Note the pre-drilled mounting holes in the floor of the container (Figure 13). These holes will be used to attach the top mounting plate and bracket assembly for the security chain.

Place the remaining “minus” plate into position, aligning it with the mounting holes and ensuring the slot is oriented vertically, as shown in Figure 14.

Place the pin bracket into position. Secure it to the mounting plate and security cabinet floor using the two 1/4" screws, nuts and washers (provided), as shown in Figure 15. Reach into the lower enclosure to feed the nuts onto the screw threads. Use a 1/4" nut driver or socket wrench to tighten the screws down firmly.

Reach into the lower enclosure and feed the link at the free end of the security chain up through the slot in the pin bracket. Insert the ring pin completely through the bracket and chain link. The pin should lock into place. (See Figure 16)

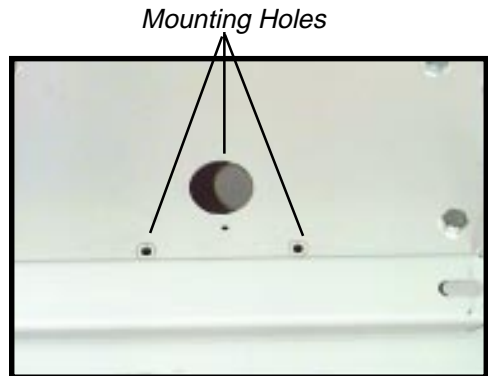


Fig. 13

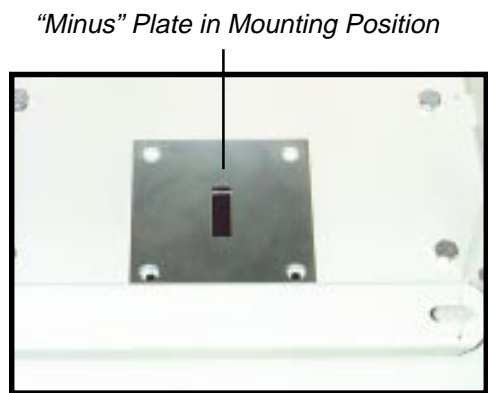


Fig. 14



Fig. 15

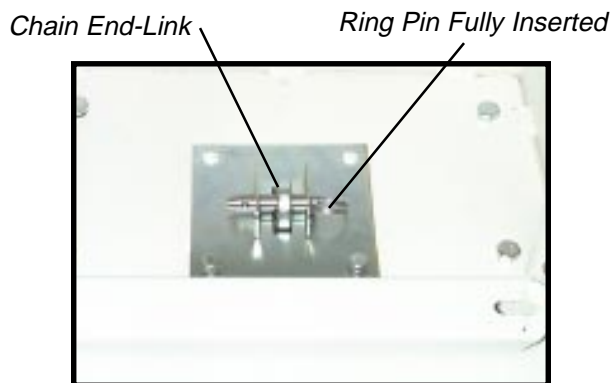


Fig. 16

This completes the installation of the optional security chain.

**8** REPLACE LOWER ENCLOSURE PANELS

Replace the front and side panels you removed previously. (Figure 17)

Store the installation bit and key by attaching them to the magnet on the wall of the security cabinet (as in Figure 18). Close the security container door. Physical installation of the Mako pedestal is complete.



Fig. 18



Fig. 17