



BA**B SERIES BILL ACCEPTOR

Installation & Operation Guide With Multi Drop Bus

General Information

This page contains general information on installing, operating and maintaining the BA**B Series Bill Acceptor. Taking time to read this information and becoming familiar with it will help you obtain the best performance from your BA**B.

The BA**B Series Bill Acceptor is designed to fit into existing standard openings established by vending machine manufacturers. These mountings usually consist of four studs in the vending machine to which the bill acceptor is mounted. If an additional mounting bracket and/or hardware is required, please contact your nearest Coinco office for additional kit information.

NOTE: The BA**B requires one of the following power harnesses.

- #407052-1 (8 Pin Jones Interface)
- #407419-1 (4 Pin Interface)
- #407420 (Multi Drop Bus Interface)

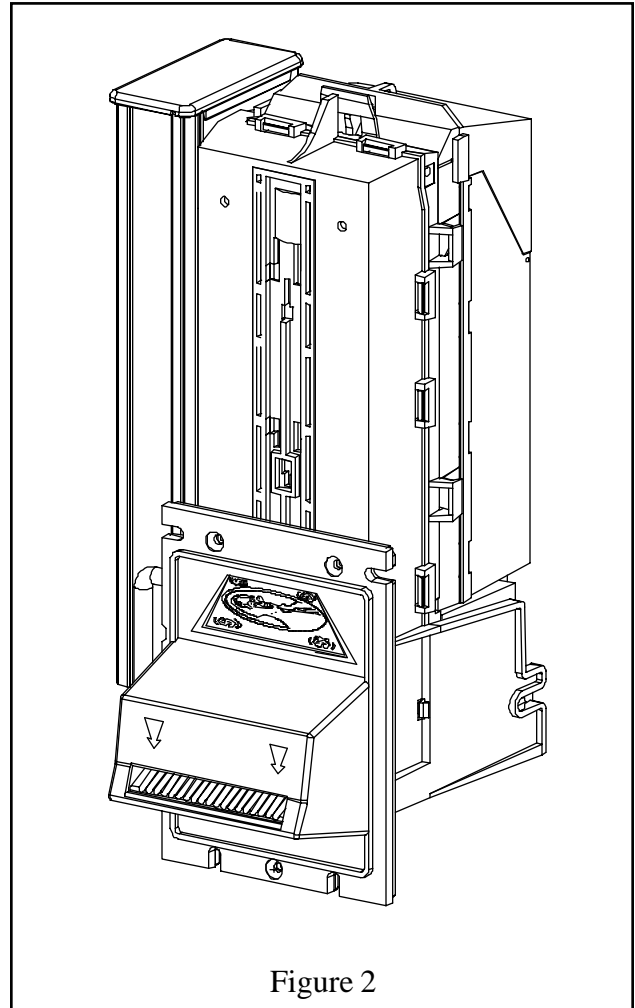
On most controller-type vending machines, the BA**B power cable interfaces directly to the vending machine electronic controller board through an additional vendor interface harness. Contact your nearest Coinco office for additional harness information.

Bill Box Size	Voltage
** = 30	0=110V
32	2= 24V
50	
52	
70	
72	
90	
92	

Figure 1

Installation and Operation

Before installing the BA**B series bill acceptor into the vendor, set the BA**B option switches, (if desired settings are different from those set at the factory.) The BA**B is currently set to accept one dollar bills only, face up in both directions. See "BA**B Option Switches: and "Setting Option Switches" sections for detailed information.



1. Turn OFF vending machine power.
2. Install the BA**B into mounting hole of vending.
3. Connect the BA**B power cable (not included) between the BA**B control box and the changer/ vending machine.
4. Install a Coinco coin changer or the equivalent into the vending machine according to the coin changer instructions.
5. Load the coin changer coin tubes with a minimum of ten coins in each tube making sure all coins lie flat.
6. Restore power to vending machine (BA**B stacker will cycle upon power-up).

7. Observe that power indicator light on back of BA**B control box is ON continuously. If light is off or blinking, check the following:
 - Power to vendor
 - Coin changer tube levels
 - Vendor has product
 - Vendor does not have credit already established
8. With the vend price set below one dollar, insert a one dollar bill as shown on the front of the BA**B.
9. One dollar bill will be accepted and stacked into the bill box.
10. Verify one dollar credit has been established by making a vend and verifying that the proper amount of change is returned.
11. Check the bill box to see that the one dollar bill is properly stored.

BA**B Option Switches

The BA**B control board contains eight option switches. These switches allow the unit to be customized to the installation requirements. The BA**B option switches are pre-set at the factory and shipped with switches 3 and 8 set to the ON position. All other switches are off. When the top of the rocker switch is pushed in, it is set to the ON position. (See Figure 3 for option switch functions.)

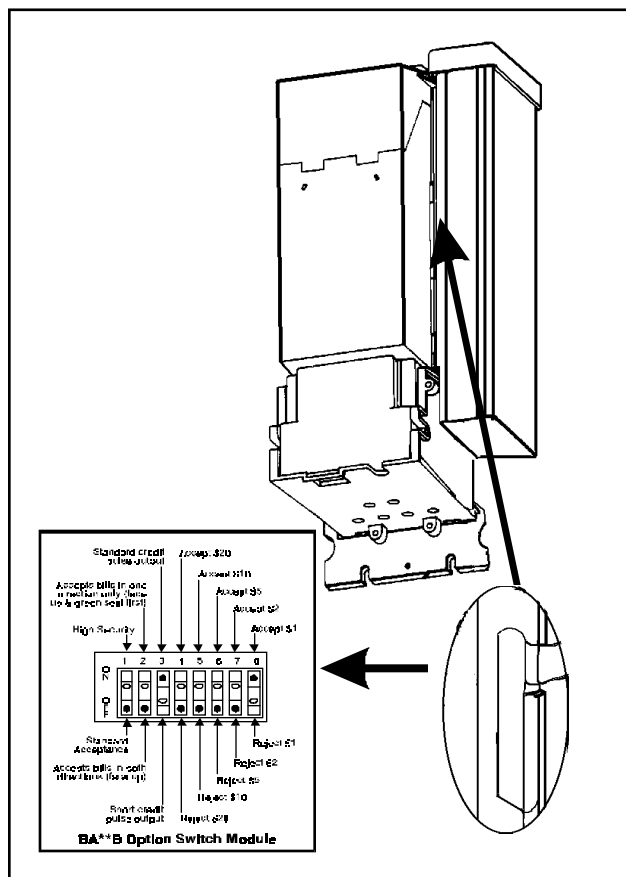


Figure 3

Setting Option Switches

(See Figure 3)

Remove power to the BA**B. To access option switches, remove the bill box to access the option switch access hole on the inner side of the logic board case. Remove the clear tape seal from the access hole. Using a small screwdriver, set the option switches as desired through the access hole. Replace the clear tape seal when completed.

Removing Accepted Bills

(See Figure 4)

Accepted bills may be removed from the BA**B by releasing the bill box lid exposing the bills for collection or by removing the bill box from the bill acceptor unit.

Clearing Jams & Cleaning

(See Figure 4)

Trapped bills/debris or dirt can result in poor bill acceptance or bill rejection. Remove bill box and lower housing to access bill path for clearing trapped bills or debris. Clean bill path plastic parts and belts with a cloth moistened with a mild soap and water solution. Clean the magnetic head and optic sensors using a swab and isopropyl alcohol. **Do not use any petroleum based cleaning solvents, scouring pads or stiff brushes for cleaning. The BA**B requires no lubrication at any time.**

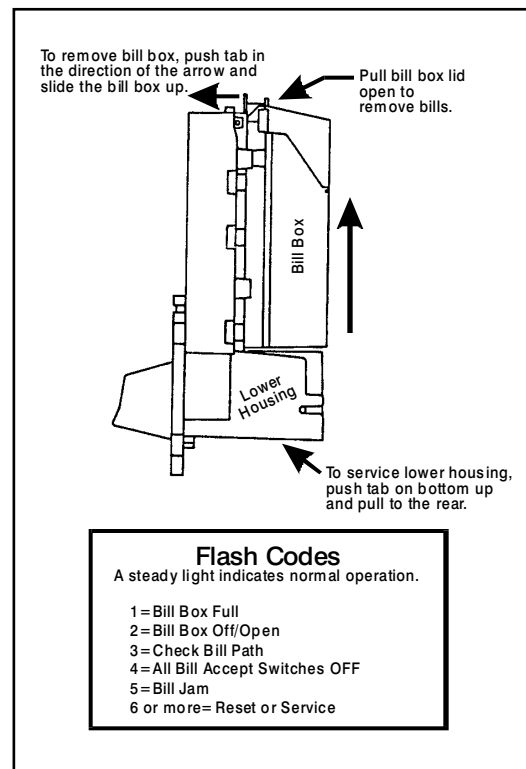


Figure 4