



BA30B Bill Acceptor

Installation & Operation Guide

With Multi Drop Bus

General Information

This page contains general information on installing, operating and maintaining the BA30B Bill Acceptor. Taking time to read this information and becoming familiar with it will help you obtain the best performance from your BA30B.

The BA30B 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 BA30B requires one of the following power harnesses.

407052-1 - (8 Pin Jones Interface) - BA30BJ

407419 - (4 Pin Interface) - BA30BE

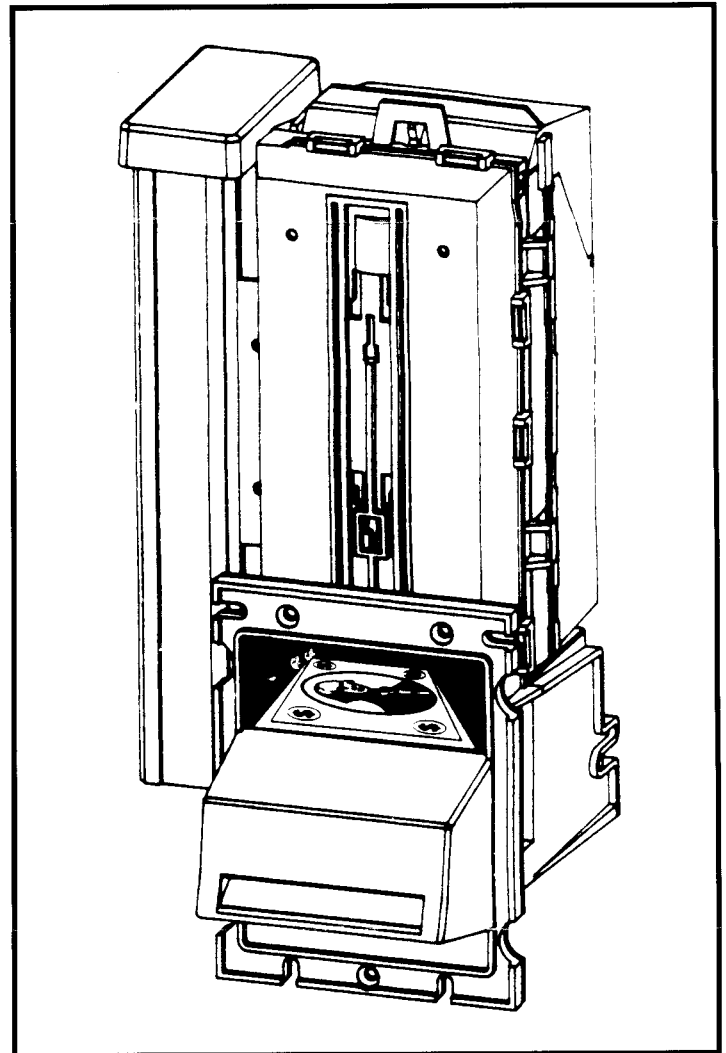
407420 - (Multi Drop Bus Interface) - BA30BX

On most controller-type vending machines, the BA30B 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.

Installation and Operation

Before installing the BA30B bill acceptor into the vendor, set the BA30B option switches, (if desired settings are different from those set at the factory.) The BA30B is currently set to accept one dollar bills only, face up in both directions. See "BA30B Option Switches" and "Setting Option Switches" sections for detailed information.

1. Turn OFF vending machine power.
2. Install the BA30B into mounting hole of vending machine using the appropriate hardware (not included).
3. Connect the BA30B power cable (not included) between the BA30B 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 (BA30B stacker will cycle upon power-up).
7. Observe that power indicator light on back of BA30B control box is ON continuously. If light is off or blinking, check the following:

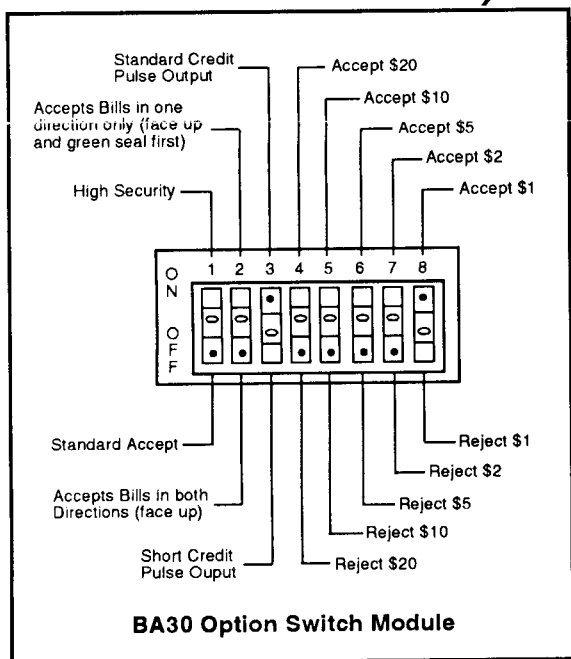
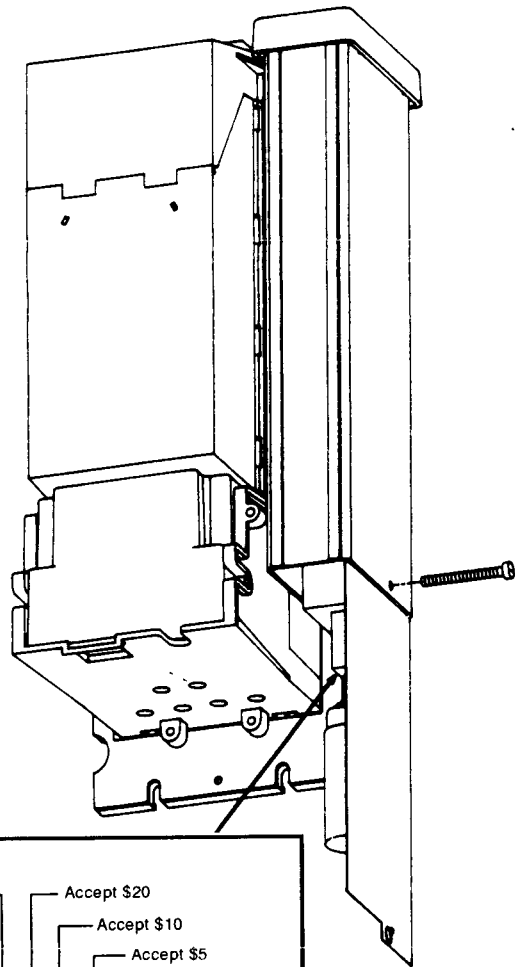


- Power to vendor
 - Coin changer tube levels
 - Vendor has product
 - Vendor does not have credit already established.
8. With the vend price set below one dollar, insert a one dollar bill as shown on the front of the BA30B.
 9. One dollar bill will be accepted and stacked into the bill box.
 10. Verify 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.

BA30B Option Switches

The BA30B control board contains eight options switches. These switches allow the unit to be customized to the installation requirements. The BA30B 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 2 for option switch functions).

Figure 2



Setting Option Switches

(See Figure 2)

Remove power to the BA30B. To access option switches, release control board and harness strain relief by removing retaining screw from bottom of cover. Carefully slide control board and strain relief from cover allowing strain relief to disengage from control board. Continue to slide control board from cover until option switches are accessible. Set option switches to desired settings and re-assemble unit in reverse order of disassembly.

Removing Accepted Bills

(See Figure 3)

Accepted bills may be removed from the BA30B 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 3)

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 BA30B requires no lubrication at any time.**

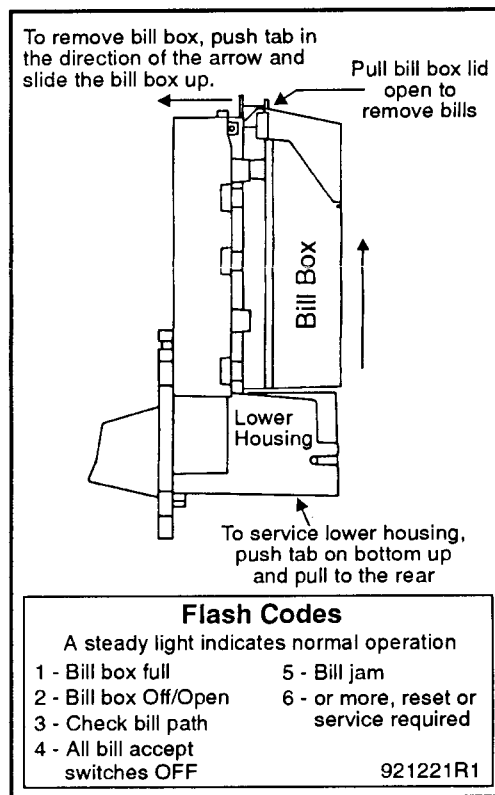


Figure 3