Calibration of the recycler (continued)

Press the select button ('rb' will appear), then press the mode button 5 times until the display shows 'Pr'. Press select again and 'Cl' will appear on the display. To calibrate the unit insert the supplied calibration paper. It will be drawn into the Recycler and then ejected in a series of steps. In a few more seconds the unit will reset with a "run and stack" action. After calibration, the rear display will display '0' showing the Recycler is currently empty and now ready for use.

NOTE: ONLY insert the supplied Calibration paper. If you insert a note or coupon, the calibration process will not be successful.

Apply power to the machine.
Observe that the MODE / SELECT display on the back of the VN2700R is ON.

During power up, the display shows the VNR Recycler firmware version and then the VN2700R Bill Validator firmware version. The display then changes to show the number of bills in the VNR Recycler.

r1 00 — Recycler Firmware Version

A1 12 — Acceptor Firmware Version

1 8 — Recycler holds 18 bills

- - — Unknown number of bills in Recycler

By default, in normal operation, the display always shows the number of bills currently held in the Recycler available for use as change. If the recycler has lost count of the number of bills for whatever reason, then a double dash will be displayed. The recycler will recalculate and display the number momentarily. This could take up to 1.5 minutes.

Please refer to VN2700R Series with Recycler Guide (part # 250059384) to continue with Recycler setup features.

MEI

Technical Support 1(800) 345-8172
Customer Support 1(800) 345-8215
http://www.meigroup.com

VN2700 - To VNR Upgrade Installation Guide

GENERAL INFORMATION

This guide provides step by step instructions to add a recycler to a VN2700 bill validator manufactured after week 48, 2009.

Note: If your VN2700 was manufactured prior to week 48, 2009, you will need to send your bill acceptor to an Authorized Service Center to be upgraded with a Recycler Module. This guide is not intended for units manufactured prior to week 48, 2009.

Model: VN 2712U5 M
Voltage: 24VAC/MDB
Serial No.: 48990749211
Part No.: 250009339

VN2700 bill validators that can be updated in the field have the **recycler ready symbol** on the label.

Recycler Ready Checklist
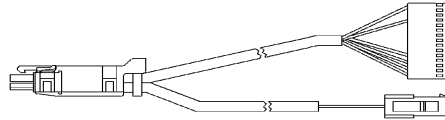Before you install your Recycler you should:

- Make sure your vending machine is an MDB interface machine and the recycler mechanically fits into your vending machine.
- Check the version of software on the Vending Machine Controller. Not all software versions support the installation of a Recycler. Check with MEI Technical support for a list of approved software versions for your vending machine. You can also check www.meigroup.com for the VNR Machine Compatibility Chart listed under the Series 2000 VNR product.
- Enable all desired bills you wish to accept on the VN2700 bill validator. You can do this one of two ways: Dip Switch settings or Coupon Configure the unit. Reference the VN2700R Install guide for instructions on how to coupon configure the VNR.
- Test that each denomination ($1, $5, $10 and $20), that you wish to accept, is accepted when the VN2700 is installed in the vending machine.
- Not all vending machines are factory preset to accept all bills. Some vending machines require you to enable $5, $10 and $20 bill acceptance on the vending machine controller. Some machines will not accept the $10 or the $20 notes. Please refer to your machine owner's manual.

For further information on vending machine fit or mounting kits, please contact your supplier or MEI authorized Service Center.
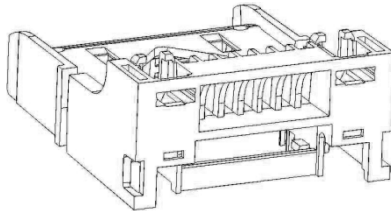
INSTALLING THE RECYCLER

- **Remove Power to the Vending Machine when making changes to the payment systems.**
- Remove Bill Magazine
- Disconnect and remove "Y" MDB cable. This cable is not used with a Recycler.

Remove "Y" harness.

- Remove bottom LED Housing – Pull up the metal bar and remove the housing from the chassis. Disconnect the 8 pin cable going to the VN2700 control board.
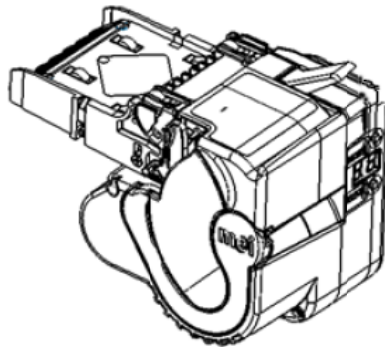
Remove bottom LED housing.
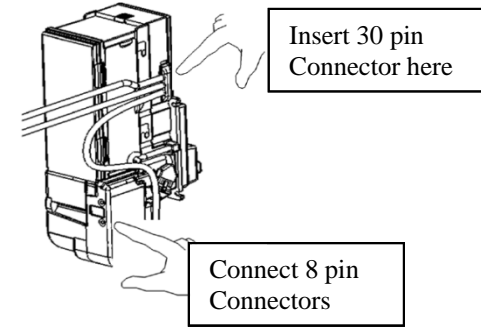You will not need this and it can be kept as a spare.

- Locate the ground wire from theVN2700 bill validator and verify that it is connected to the metal mounting stud inside the vending machine.

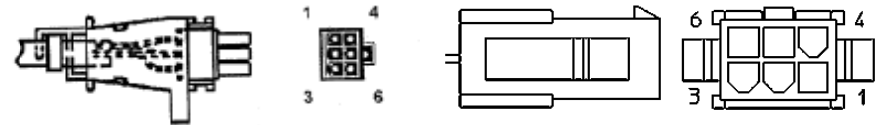 **Please Note: Recycler must be grounded!**

- Insert Recycler module and click in place. Pull back on the recycler to ensure it locked into place.

- Connect recycler harness to the bill validator by inserting the 30 pin connector with the word "FRONT", engraved in the cable, toward the front of the bill validator. Connect the 8 pin connectors between the recycler and the side of the bill validator where the bottom LED housing was connected.

Insert 30 pin Connector here

Connect 8 pin Connectors

- Insert the 6 pin Male MDB connector to the coin changer. This cable has a yellow label with "CoinMech Only" displayed.
- Insert the 6 pin Female MDB connector to the Vending Machine Controller.

6 pin female socket connector
(Connects to vending Machine)

6 pin male pins
(Connects to coin mech)

Please note: The coin changer MUST connect directly into the VN2700R. Other MDB devices must NEVER be connected between the coin changer and the VN2700R.

- **Apply power to the machine**
  Observe that the MODE / SELECT display on the back of the VN2700R is ON.

- **Calibration of the Recycler**
  Before use, the unit must be calibrated. After initial power up the rear display will display "- -"and the recycler will calibrate the film that stores the bills on the recycler drum. This will take about 2 minutes. Once the film calibration is complete the unit will then need the recognition sensors calibrated. To do this, press and hold the mode button until 'LD' appears. Then press and release the mode button 3 times until 'SU' appears.