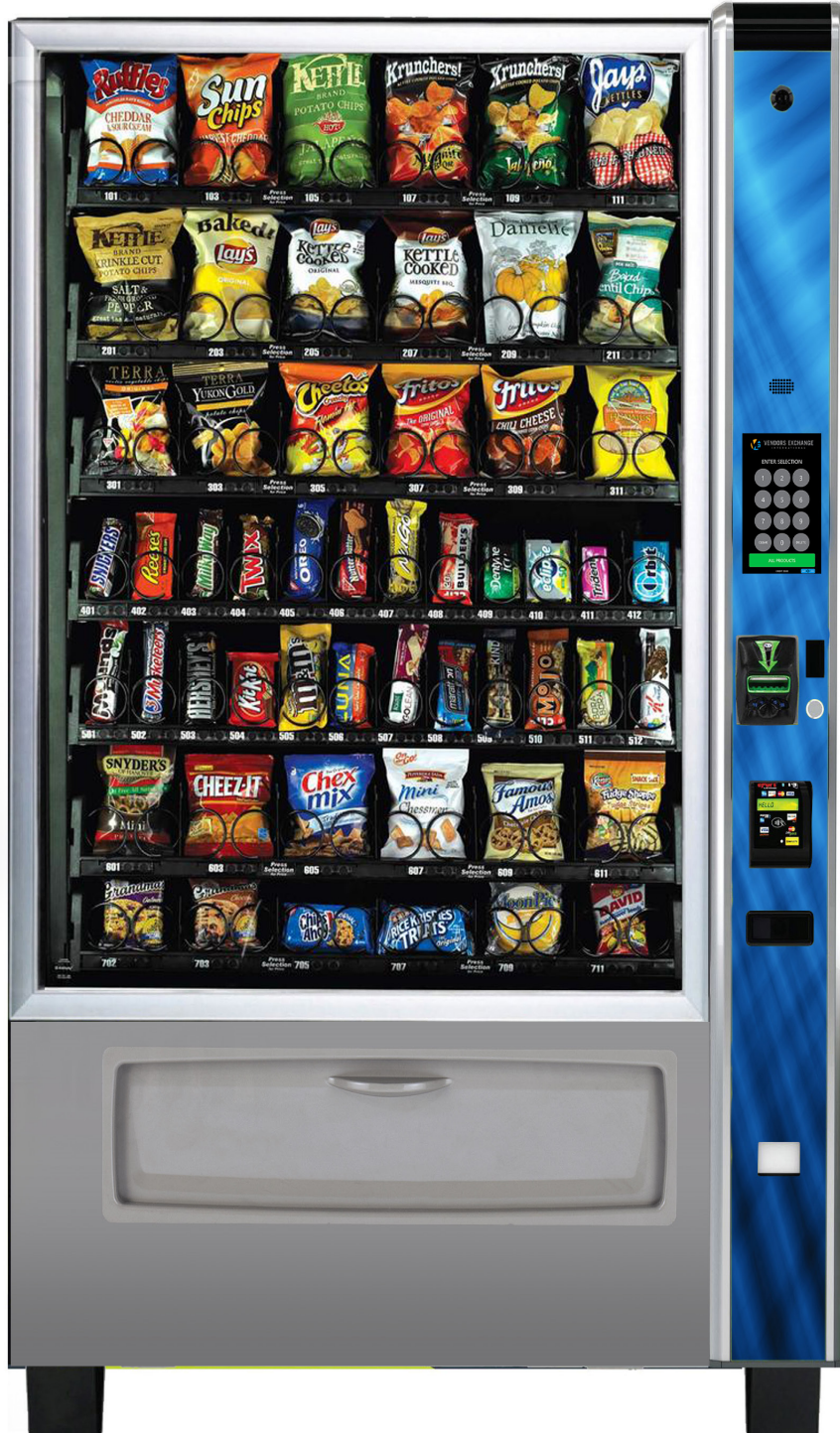




CURVE PANEL W/ VENTURE For Merchant Media 186/187, 471/472



All manuals are available at <https://www.veii.com/manual>



www.veii.com
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8700 BROOKPARK ROAD
CLEVELAND, OHIO 44129

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Merchant 186/187, 471/472

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CALL US WITH QUESTIONS : 800 - 321 -2311

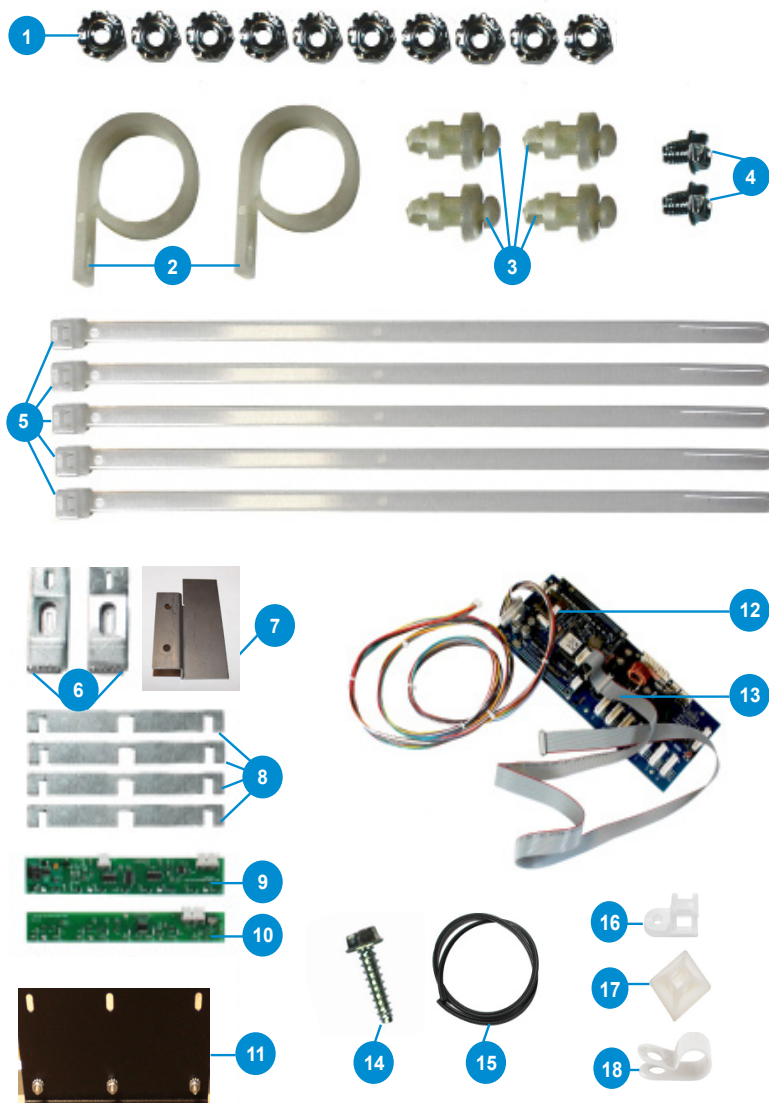
TOOLS REQUIRED



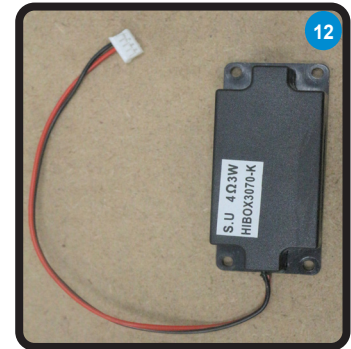
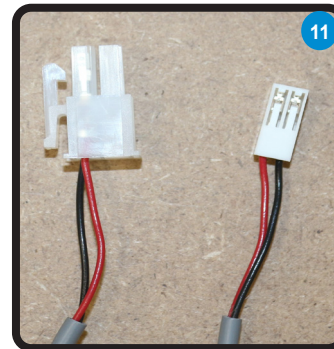
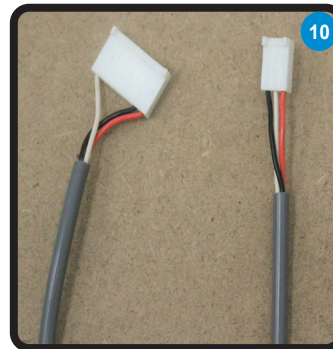
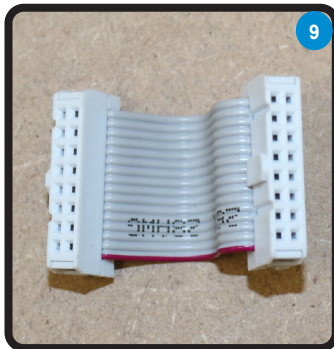
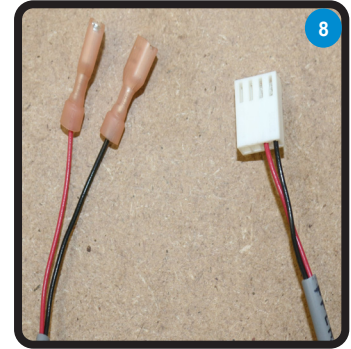
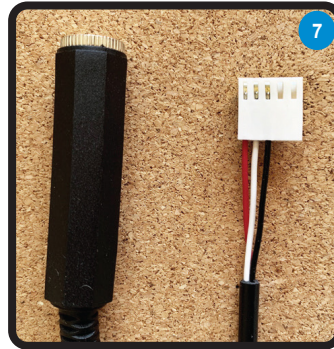
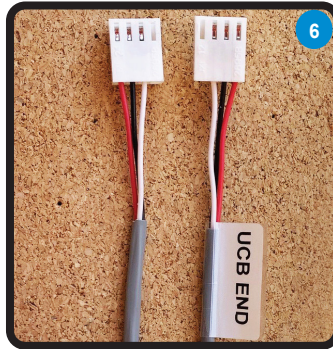
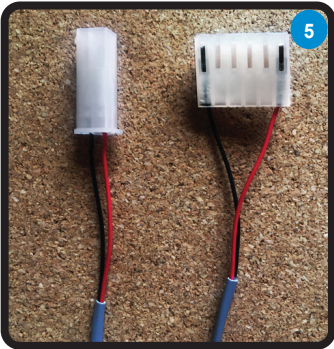
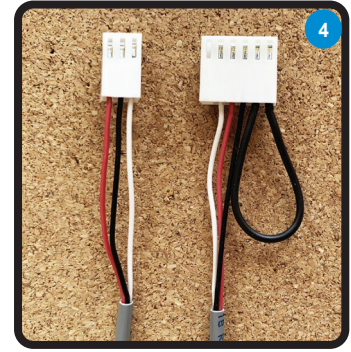
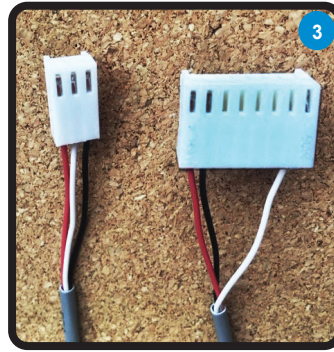
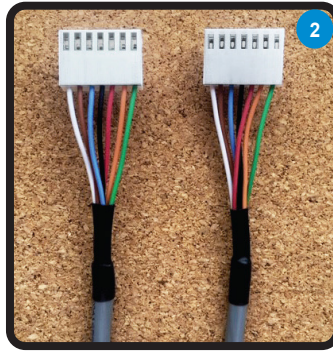
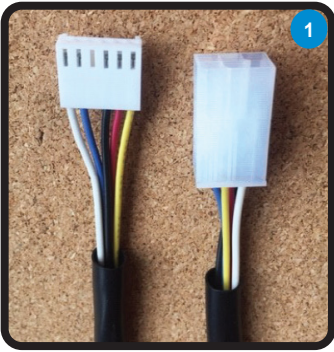
A	5/16" SOCKET
B	1 1/32" WRENCH
C	1 1/32" , 1/4" NUT DRIVER
D	PHILLIPS SCREW DRIVER

INCLUDED PARTS

	PART NUMBER	DESCRIPTION	QTY
1	VE7207K	KEPS NUTS, ZINC, #8-32	10
2	VE4684	FASTENER MOUNT CABLE HOLDER, 3/4"	2
3	VE1017112	PCB STANDOFF	4
4	VE737K	SCREW, 8-32 X .25 HWHTS SLOT TC TYPE F	2
5	VE4601K	6" BAR LOCK CABLE TIE	5
6	VE1017104	LOCK BRACKET, MERCHANT	2
7	VE1020757	DOOR SWITCH STRIKE PLATE MERCHANT MEDIA	1
8	VE1016250	MOUNTING RAIL SPACER	4
9	VE1017053	DROP SENSOR RECEIVER BD	1
10	VE1017055	DROP SENSOR TRANSMITTER BD	1
11	VE1019478	MOUNTING ADAPTER BRACKET	1
12	VE5801M	UNIVERSAL CONTROL BD	1
13	VE1017151	MERCHANT HARNESS BD	1
14	VE7252K	SCREW, 8-32 X 375 PHMS	3
15	VE1017065	RUBBER DOOR SEAL	1
16	VE4656	CABLE TIE MOUNT	3
17	VE8419	HOLD DOWN CLIP	2
18	VE6677K	CABLE CLAMP	1



INCLUDED HARNESES



	PART NUMBER	DESCRIPTION	QTY
1	VE1017070	MDB HARNESS	1
2	VE6877	DROP SENSOR HARNESS	1
3	VE6822	MOTION SENSOR HARNESS	1
4	VE1017066	COIN RETURN MOTOR HARNESS	1
5	VE1017542	LED POWER HARNESS	1
6	VE1018279	DROP SENSOR HARNESS , UCB MERCHANT	1
7	VE5817	DEX HARNESS	1
8	VE1020990	DOOR SWITCH HARNESS	1
9	VE5834	DISPLAY RIBBON - HARNESS BOARD	1
10	VE1019772	VENTURE DATA HARNESS	1
11	VE1019771	VENTURE POWER HARNESS	1
12	VE1019798	SPEAKER	1

REMOVE DOOR

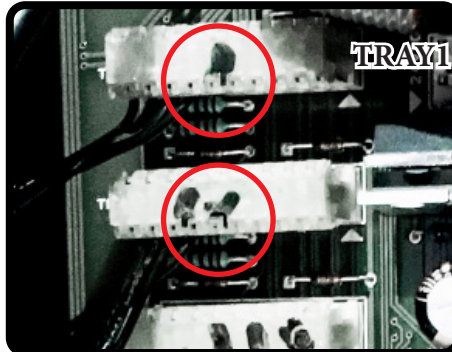
⚠ WARNING

To prevent personal injury and equipment damage, turn machine off and disconnect electrical cord from the wall outlet before installing door. Failure to do so could result in electrical shock.

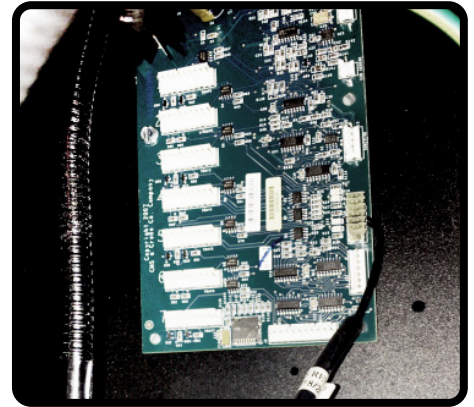
REMOVE DOOR



1.A) Unplug machine from power outlet to prevent electrical shock.

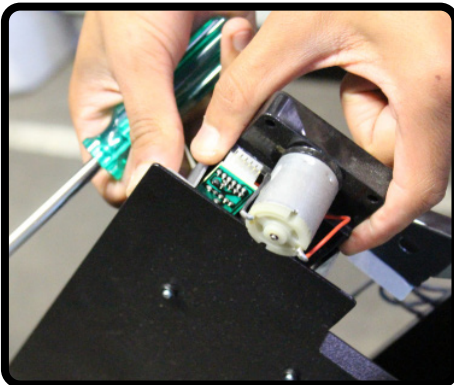


1.B) Mark the tray connectors or wires going to the controller in such a way to identify them for re-assembly with the new controller. Tray 1 connector is located at the top.

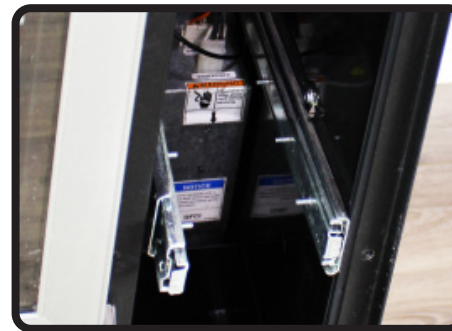


1.C) Unplug all harnesses from the controller.

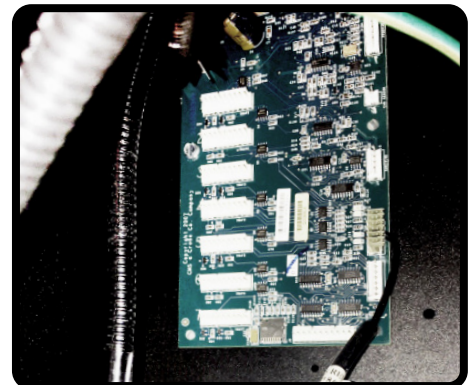
INSTALL DOOR



1.D) Remove coin return motor and bracket from OEM door and set aside for re-use.



1.E) Remove fasteners that hold the slides to the door, then remove door. Do not remove the OEM slides from the cabinet. They will be used to mount the new door.



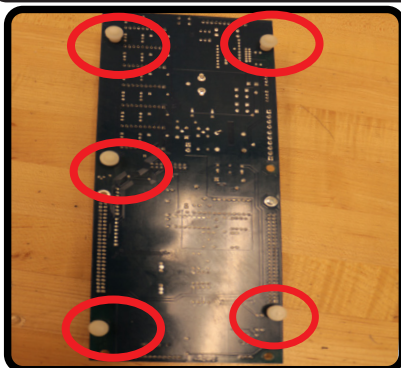
1.F) Remove OEM controller from cabinet and retain all screws and standoffs.

INSTALL DROP SENSOR

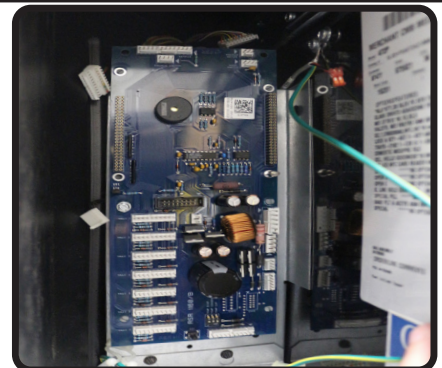
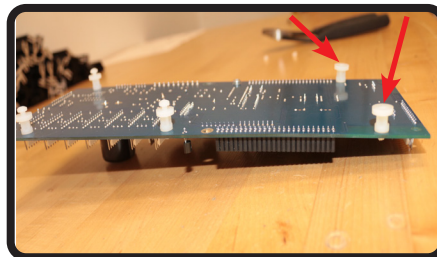
ATTACH HARNESES

INSTALL NEW DOOR

STEP 1. New Controller



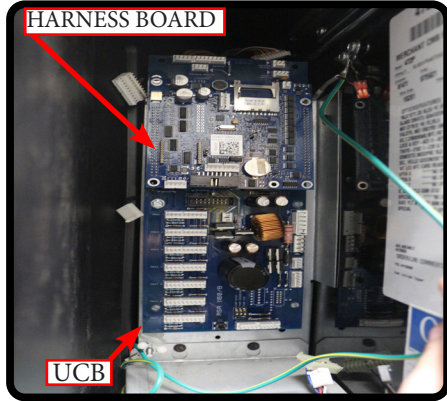
1.A) Locate new controller UNIVERSAL CONTROLLER (VE5801M), and MERCHANT CONTROLLER (VE1017151) in kit and install STANDOFF (VE1017112). Once standoffs are installed, remove the ends of the bottom two standoffs as shown in the picture. This will decrease the pressure on the board as harnesses are installed.



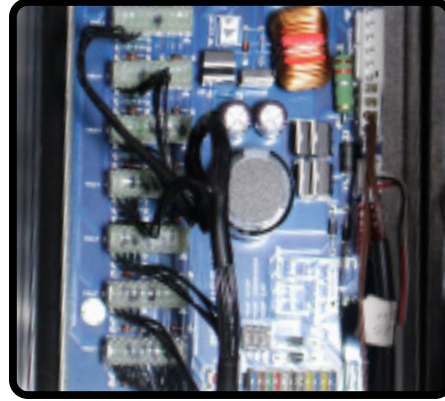
1.B) Mount new controller in cabinet, then secure with the OEM screws you removed earlier.

INSTALL NEW DOOR

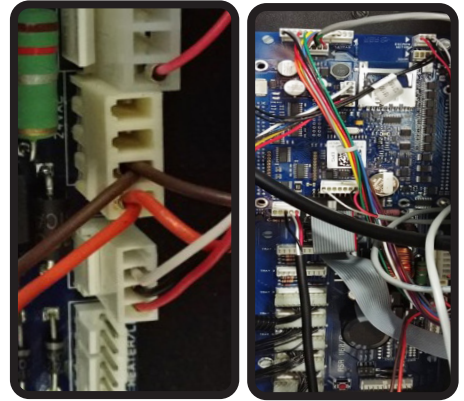
REMOVE DOOR



1.C) Attach the Merchant harness board (VE1017151) to the UCB as shown.



1.D) Attach cabinet harnesses to controller.



1.E) NOTE: The 24VAC is installed differently than OEM, and it has no directional key.

INSTALL DOOR

STEP 2. Mount Door Catch and Slide Brackets



2.A) Check the LOCK BRACKET (VE1017104) already secured to the cabinet against the one included in the kit. If the width on the new one is equal to or smaller than the old one, no need to replace. If not the case, replace with the included wider LOCK BRACKET (VE1017104).



2.B) Depending on the machine, the door may need MOUNTING SPACER or "SHIMS" (VE1016250) to help align the door side-to-side. Adjust. Four shims are provided if necessary.



2.C) Install MOUNTING PLATE (VE1019478) to lower left rail using three (VE7207K) nuts. Ensure slots face up.

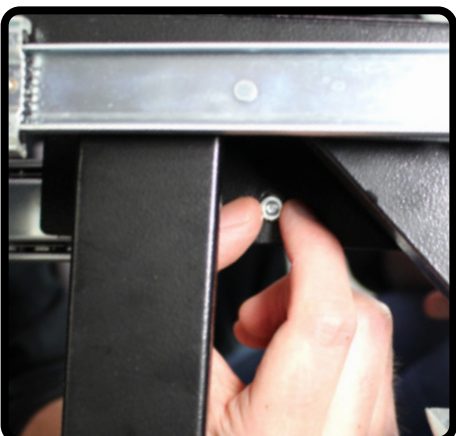
INSTALL DROP SENSOR



2.D) Hold door in vertical position and stand up to hold the door near the top.



2.E) Pull out upper slide and mount to door. Install nuts loosely.



2.F) Install nuts loosely onto lower slide studs.

ATTACH HARNESSSES

INSTALL NEW DOOR

REMOVE DOOR



2.G) Pull out the lower left rail with the mounting plate installed. Using three 8-32 X 375 PHMS screws (VE7227) secure the door to the mounting plate as shown.



2.H) Pull out lower right slide and mount door onto studs with nuts (VE7207K).

INSTALL DOOR

STEP 3. Mount and Secure Door



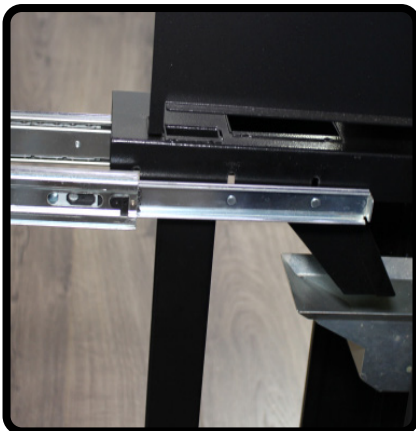
3.A) Empty included box of kit contents and place on its side between the door and cabinet, near the upper slide. Tighten all nuts on upper slide.



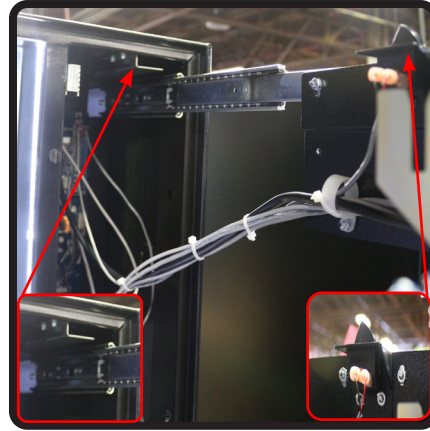
3.B) Close the door evenly against the box between the door and cabinet as shown. Tighten the middle nut on right side only.



3.C) Close door slowly. Adjust door position on slides so that the door is parallel with the cabinet. Verify that the shim placement allows for the correct side-to-side alignment.



3.D) Tighten all fasteners.



3.E) Install DOOR SWITCH (VE159A) and DOOR STRIKE PLATE (VE1020757) if not present. Adjust door switch



3.F) Install RUBBER DOOR SEAL (VE1017065) on left side edge of door as shown. Ensure it is pushed on firmly and completely.

INSTALL DROP SENSOR

ATTACH HARNESSSES

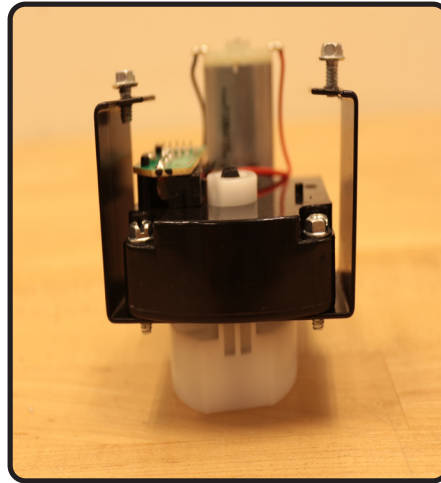
INSTALL NEW DOOR

STEP 4. Reassemble Door

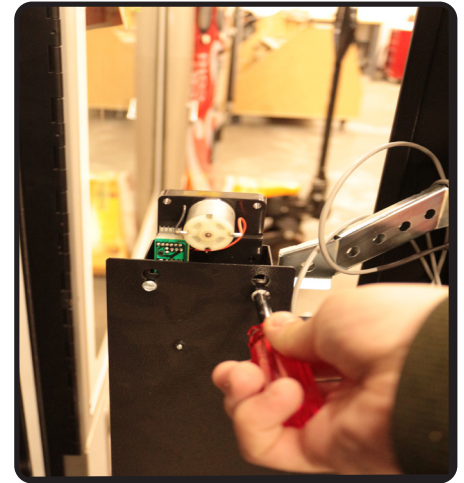
REMOVE DOOR



4.A) Close door and ensure the t-handle operates smoothly, it should engage the door catches easily and without excessive force. Adjust door catches in cabinet, if necessary.

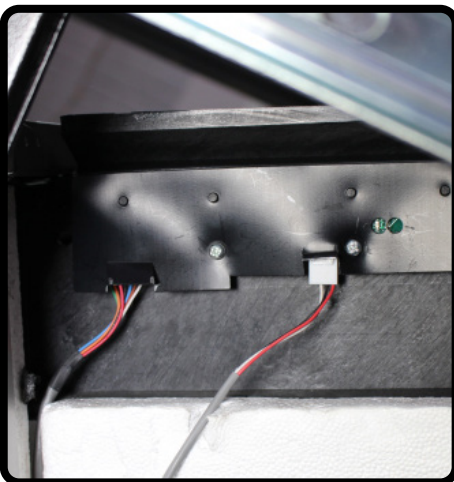


4.B) Secure the Coin return motor and mount to the coin mech mounting bracket.



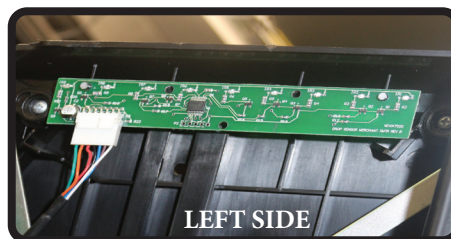
INSTALL DOOR

INSTALL DROP SENSOR

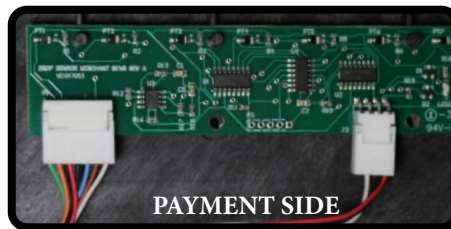


1.A) Remove screws from OEM drop sensor boards and remove covers. Retain screws and covers for use with new sensors.

Unplug OEM drop sensor boards, and dispose of the boards and harnessing.



1.B) Mount new DROP SENSOR RECEIVER BOARD (VE1017053) on payment side and DROP SENSOR TRANSMITTER BOARD (VE1015055) to left side bucket using the retained screws and covers.



1.C) Attach DROP SENSOR HARNESS (VE6877) that runs between the drop sensor boards.



1.D) Attach DROP SENSOR HARNESS FOR UCB (VE1018279) and route behind slide and then to UCB as shown.

INSTALL DROP SENSOR

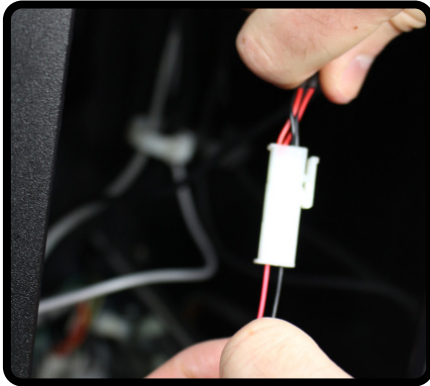
ATTACH HARNESSSES

ATTACH HARNESSES

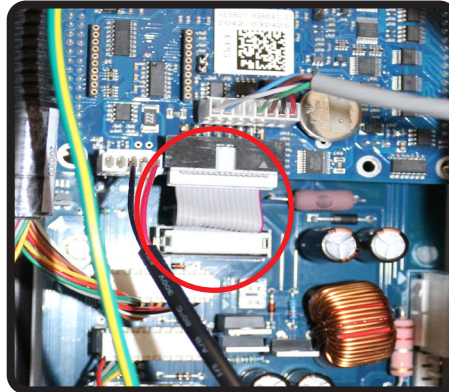
STEP 1. Attach Harnessing

⚠ CAUTION

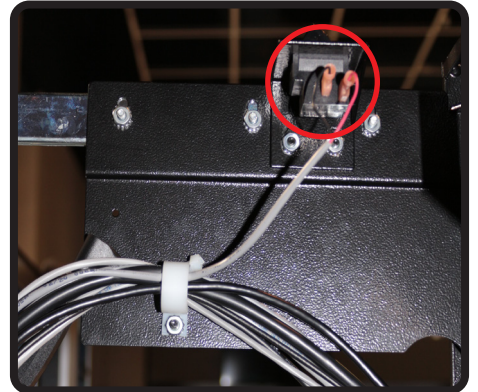
Inspect all electrical connections, making sure they are properly attached to their specified connection points before powering up machine.



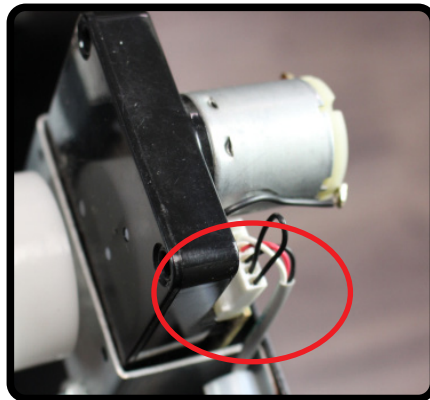
1.A) Connect LED POWER HARNESS (VE1017542) to controller and route downward behind slide to connect to OEM harness.



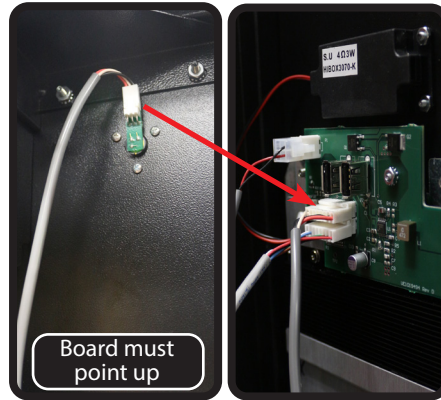
1.B) Connect DISPLAY RIBBON HARNESS (VE5834) to controller.



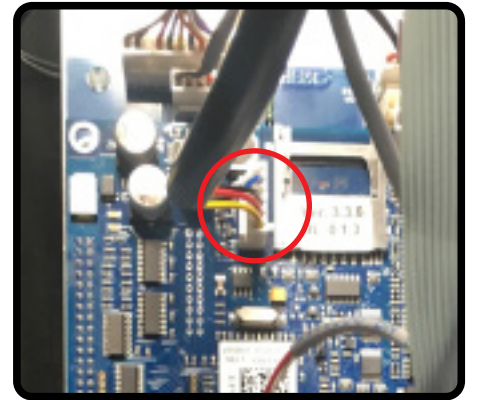
1.C) Connect DOOR SWITCH HARNESS (VE1019798) to door switch and UCB.



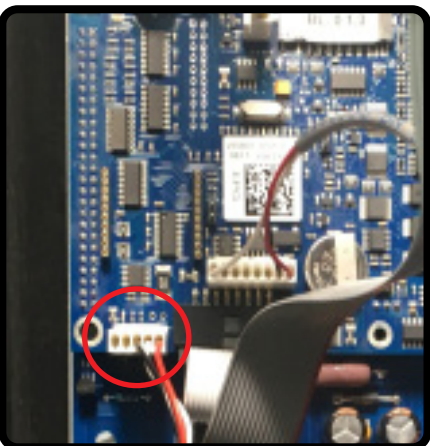
1.D) Connect COIN RETURN MOTOR HARNESS (VE1017066) between motor and controller.



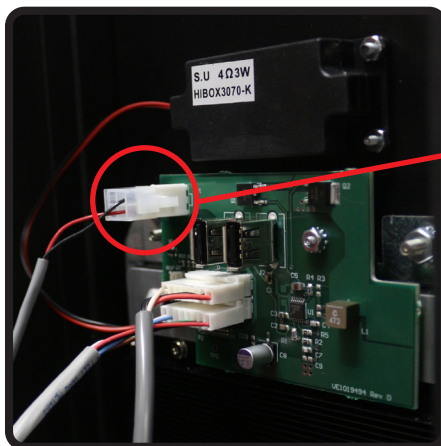
1.E) Connect UCB MOTION SENSOR HARNESS (VE1017101) to motion sensor board. Route along side channel as shown and connect to Venture Board.



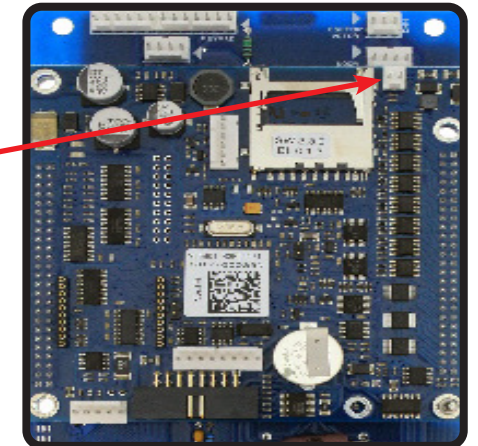
1.F) Connect MDB HARNESS (VE1017070) to controller and route to door payment systems.



1.G) Connect DEX HARNESS (VE5817) to controller and route to accessible location, or to payment systems.



1.H) Connect VENTURE POWER HARNESS (VE1019772) to Venture board and UCB.



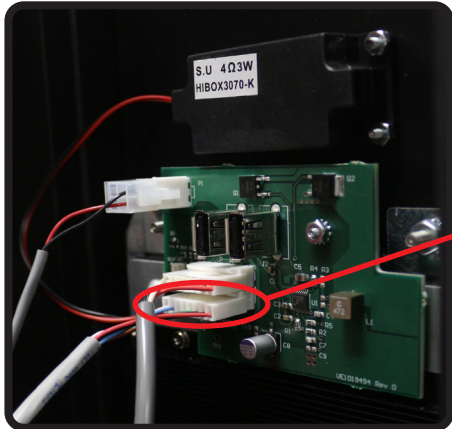
REMOVE DOOR

INSTALL DOOR

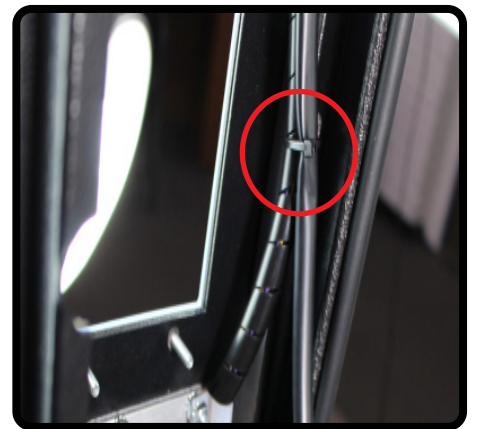
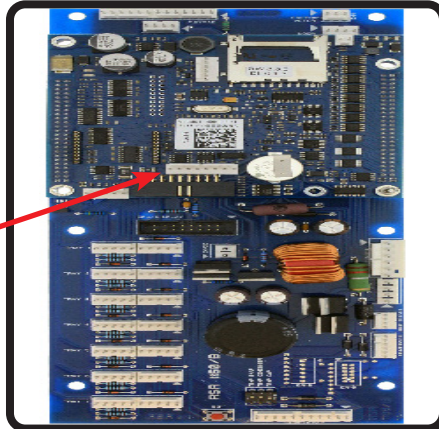
INSTALL DROP SENSOR

ATTACH HARNESSES

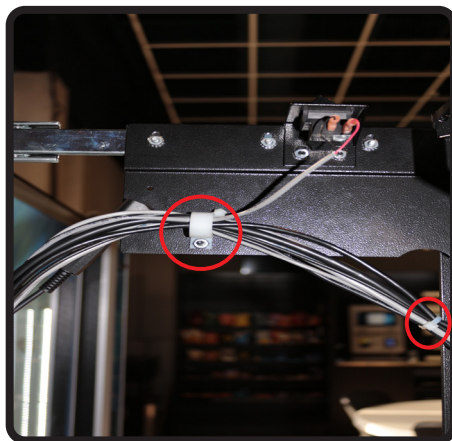
ATTACH HARNESSES



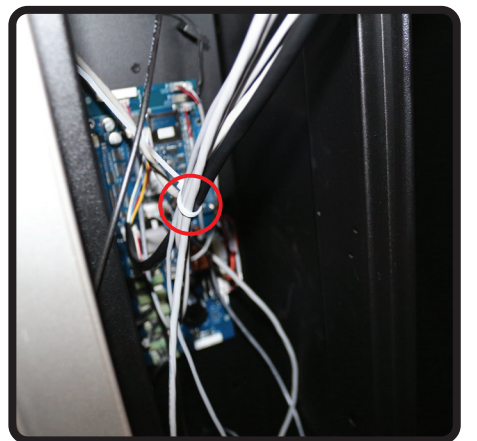
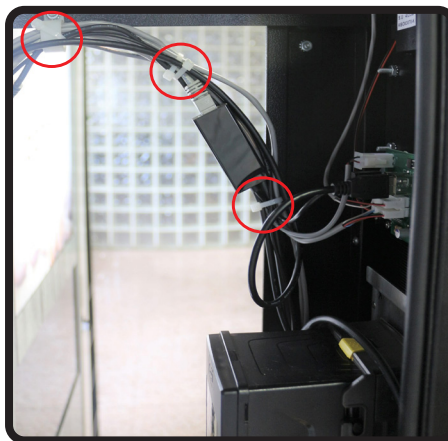
1.I) Connect VENTURE DATA HARNESS (VE1019771) to venture board and UCB.



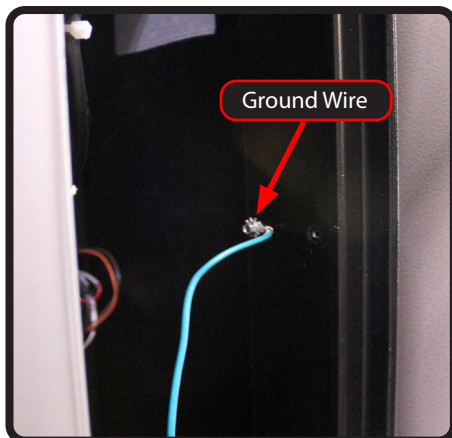
1.J) Secure loose wires with CABLE TIES (VE4601K).



1.K) Connect P-CLAMP (VE4684) to door side. Route harnessing as shown and secure with cable ties in locations specified in the following pictures.



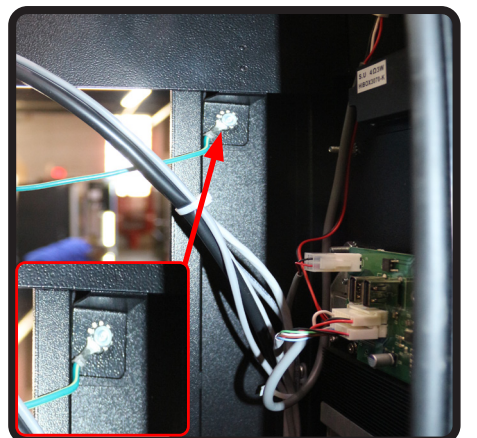
STEP 2. Attach Ground Wire



2.A) Using a screw, secure one end of the ground wire to the cabinet. Position the screw towards the back end of the cabinet boss. Ensure the screw does not protrude out of the cabinet.



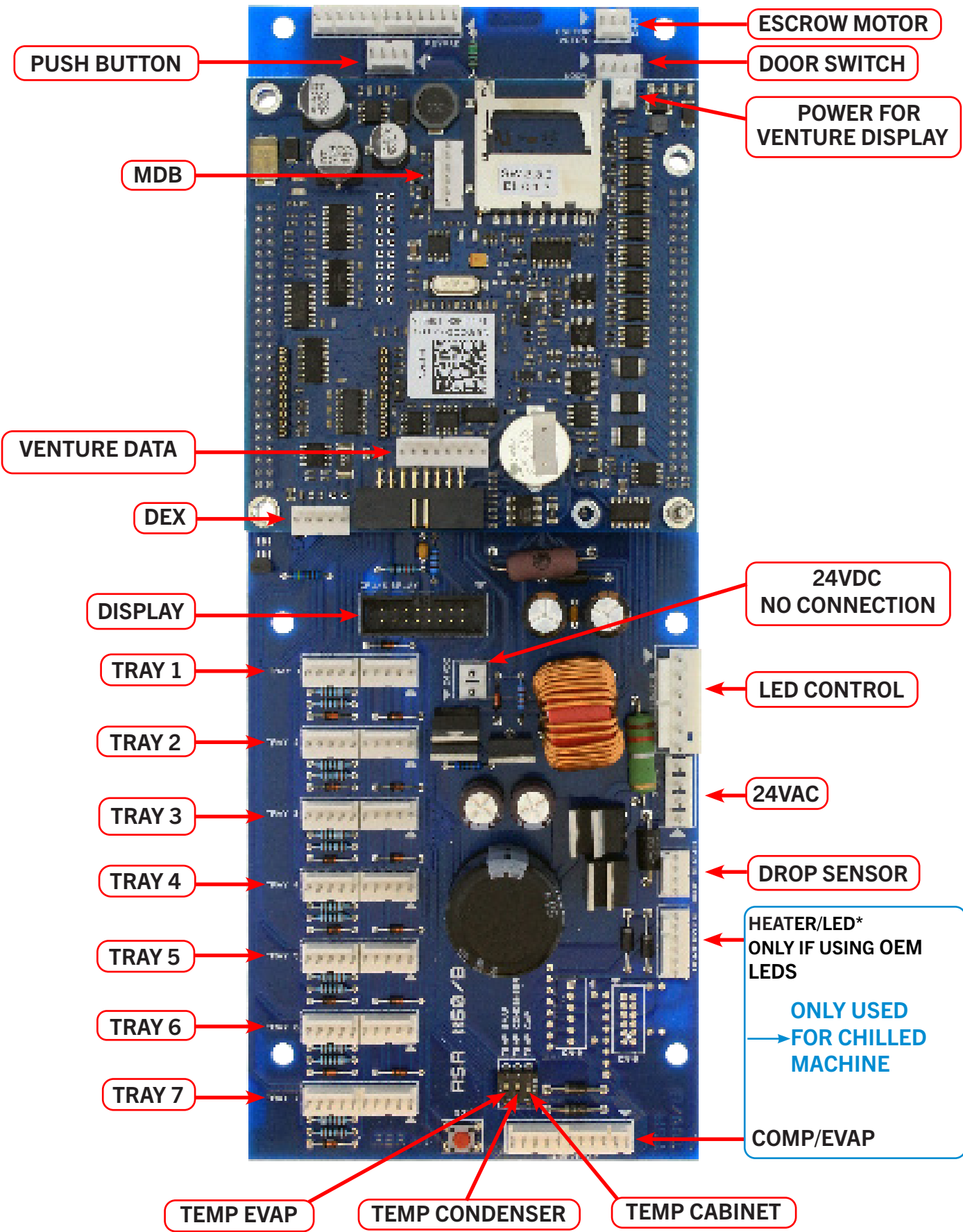
2.B) Wrap the loose end of the ground wire around the preexisting bundle. Feel free to use cable ties if Preferred.



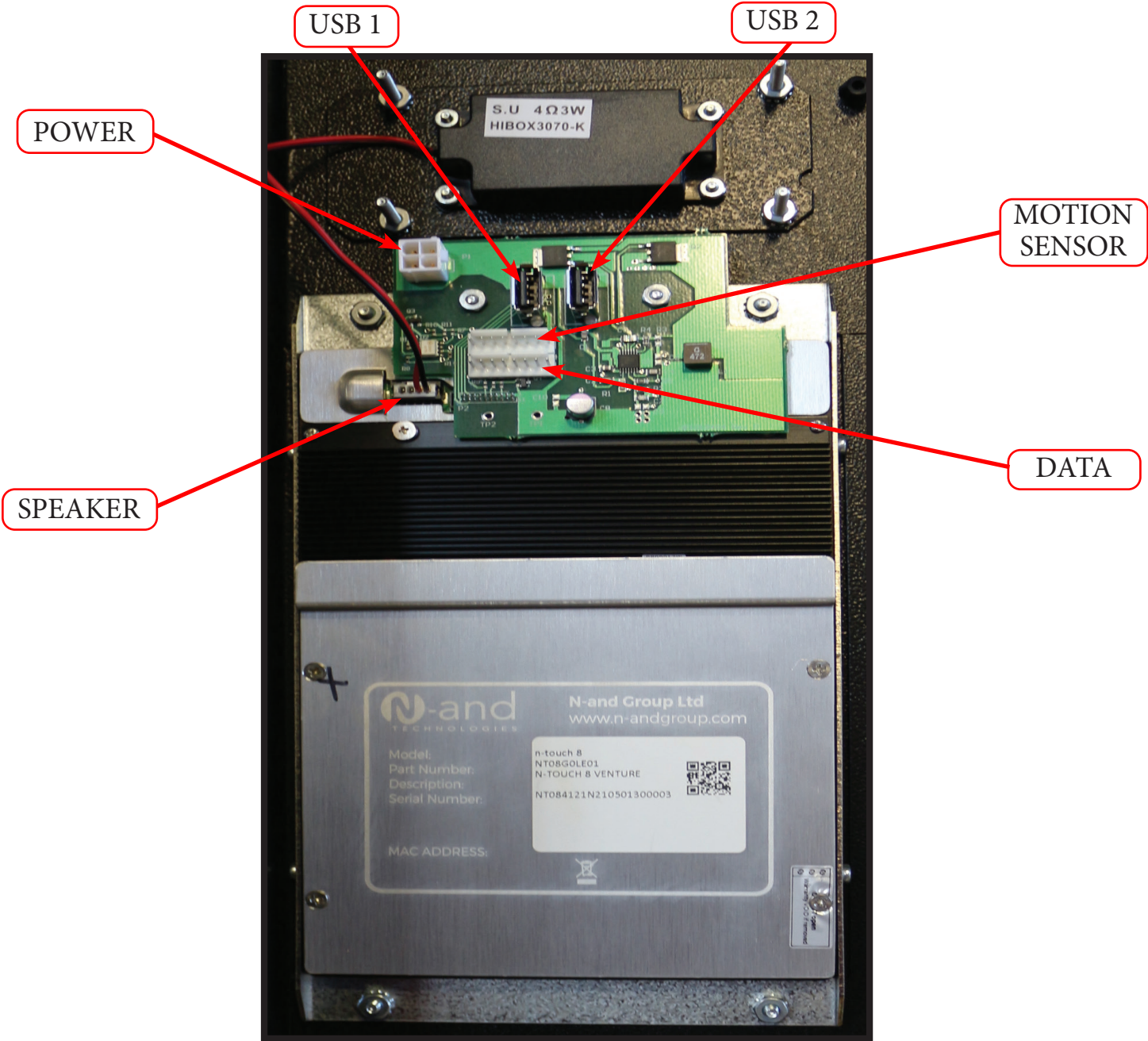
2.C) Place the open end of the ground wire over the stud indicated above. Using a nut secure the ground wire in place.

Proceed to the next two pages for UCB & Venture Harnessing Diagrams

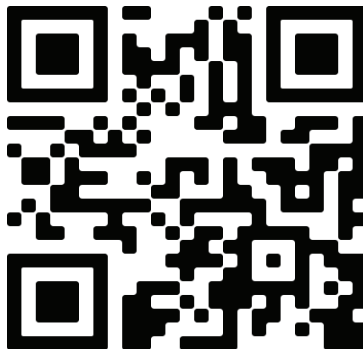
CONTROLLER PORT DIAGRAM



VENTURE PORT DIAGRAM



SCAN THE QR CODE BELOW FOR UCB PROGRAMMING GUIDES



VENDORS EXCHANGE WARRANTY INFORMATION

Limited Warranty and Disclaimer. VE warrants that the Products, including without limitation, their component Part(s), sold will be of the kind and quality described herein and will be free of defects in workmanship or material. This Warranty shall extend for the Warranty Period set forth below following the date of delivery of such Products to Buyer. **VE MAKES NO WARRANTY, EXPRESS, IMPLIED (INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR INTENDED PURPOSES), OR STATUTORY, OTHER THAN THE FOREGOING EXPRESS WARRANTY.**

PRODUCT	WARRANTY PERIOD
A. REPLACEMENT PARTS	
New Replacement Parts	90 DAYS
UCB™ Kits	1 YEAR
Rowe Bill Changer Kits	1 YEAR
CleanLife® LED Bulbs	MANUFACTURER
New MEI/CPI Mechs and Validators	2 YEARS
Reconditioned Mechs and Validators	6 MONTHS
Reconditioned Control Boards	6 MONTHS
B. REPAIR SERVICES	
Standard Warranty	1 YEAR
Flat Rate Repairs	1 YEAR
C. EQUIPMENT	
REVISION™ Door	1 YEAR
CURVE™ Door	1 YEAR
Café CURVE™ Door	1 YEAR
CURVE PANEL™ Door	1 YEAR
VE Kiosk™	1 YEAR
A-1 Remanufactured Machine	90 DAYS
Clean, Checked and Working Machine	30 DAYS
As-Is Machine	NO WARRANTY
New	MFG WARRANTY

a.) Failure of the Buyer to submit any claim hereunder within ten (10) days following expiration of the Warranty Period applicable to such Products shall be an admission by the Buyer and conclusive proof that such articles are in every respect as warranted and shall release VE from any and all claims for damage of loss sustained by the Buyer. In the event the Buyer timely submits a claim for breach of WARRANTY, the parties agree that, at VE's option, the Buyer's sole and exclusive remedies shall be the repair or replacement of the defective Products or Part(s) or a refund of the price of the defective Products or Part(s).

b.) The Buyer acknowledges that it alone has determined that the Products purchased hereunder shall suitably meet the requirements of its intended function. It is expressly understood that any technical advice or recommended operating practices furnished by VE with respect to the use of the Products is given without charge, and VE assumes no obligation or liability for the advice or recommended operating practices given, or results obtained, all such advice or recommended operating practices being given and accepted at the Buyer's risk.

c.) This Warranty does not apply to (i) electrical components, wiring, circuits and/or mechanical parts or assemblies damaged as a result of operating the Products at other than 115 volts, 60 Hertz current, (ii) Products damaged due to vandalism, fire, flood or other casualty, (iii) Products not maintained in accordance with the manufacturer's or VE's recommendations, and/or (iv) Products not serviced by VE authorized service personnel or which contain replacement parts not furnished by VE or its authorized service personnel.

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