



ROWE BC1400 CONVERSION INSTALLATION

8M00641

Operation **ROWE BC1400 CONVERSION INSTALLATION**

Revision: 2

Model(s) **ROWE BC1400**

Machine **ALL THAT APPLY**

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YOUR KIT INCLUDES:

- 2F07401- PLATFORM BASE X1
- 2F07402- COIN CHUTE X1
- 2F07407- FACEPLATE X1
- 2F07408- BILL ACCEPTOR MOUNT X1
- 2F07417- PLATFORM MOUNT X2
- 2F07456- FLIP DOOR X1
- 2F07457- POWER SUPPLY MOUNT X1
- 4M07403- RIGHT SIDE HOPPER BRACKET X1
- 4M07404- LEFT SIDE HOPPER BRACKET X1
- 5H00510- HOPPERS X2
- 5P00117- POWER SUPPLY

BAG OF HARDWARE:

- 3W00102- #8 WASHER X2
- 3B00252- 3/8"X3/4" CARRIAGE BOLT X1
- 3B00248- 1/4"X3/4" CARRIAGE BOLT X4
- 3N00206- 3/8" HEX NUT
- 3M00100- CABLE TIES X6
- 3B00247- 8-32X3/8" SOCKET SCREWS X2
- 3M00106- S.S. SPACERS X2
- 3M01000- 10-32X1" STAND OFF X2
- 3M01004- 10-32X5/8" SOCKET SCREWS X4
- 3M01005- 1/4"X1.5" CARRIAGE BOLT X2
- 3M01002- 1/4-20 SERRATED NUT X12

4C00300- OUT OF SERVICE CABLE



5V00226- BILL ACCEPTOR



OPTIONAL DECAL:
6D01132 VA



Safety

4C00299- CONTROL JUMPER CABLE



OPTIONAL:

EF+ MODULE KIT INCLUDES:

4C00316- CONTROL CABLE



4C00263- BILL ACCEPTOR CABLE (MDB)



4C00317-POWER CABLE



5V00220 EF+ MODULE



2F07261- EF+ MOUNT



8M00617- EF+ MANUAL

Tools Used

Quality Criteria

Gauges

Symbols

- Operation**
- Inspection**
- Special Characteristic**



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-  Operation
-  Inspection
-  Special Characteristic

 REMOVE ALL INTERNAL COMPONENTRY FROM EXISTING BC-1400 MACHINE

 REMOVE THE ORIGINAL BILL ACCEPTOR COVER PLATE BY REMOVING 6 CARRIAGE BOLTS

 DRILL BOTH HOLES UP TO 17/32" (.531") DIAMETER.



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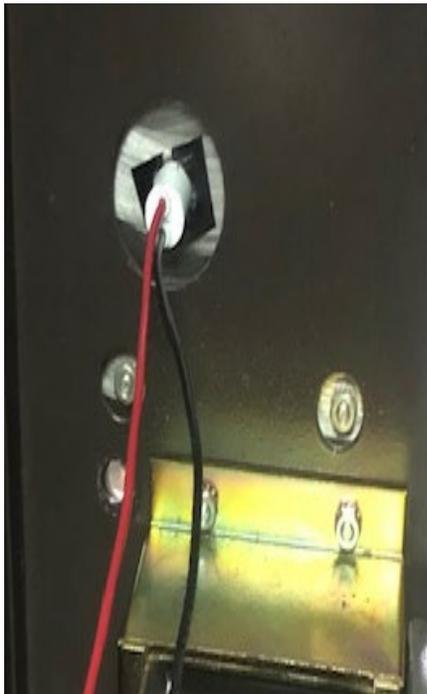
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 (NOTE: IF YOU HAVE PURCHASED THE OPTIONAL DECAL 6D01132 V A THE DECAL MUST BE INSTALLED PRIOR TO LIGHT INSERTION.) INSTALL THE OUT OF SERVICE LIGHT (1L00131) INTO THE HOLE YOU JUST DRILLED ON THE RIGHT SIDE OF THE MACHINE

 INSTALL THE RETAINING CLIP 3M00225

 CRIMP THE LOOSE ENDS OF CABLE 4C00300 TO THE O.O.S. LIGHT. (MATCH WIRE COLORS)

-  **Operation**
-  **Inspection**
-  **Special Characteristic**



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IF YOU ARE COMFORTABLE USING A GRINDER, THE BRACKETS CAN BE GROUND OFF. BUT HAMMERING THEM FLAT IS SUFFICIENT

Tools Used

Quality Criteria

Gauges

Symbols

- Operation
- Inspection
- SC Special Characteristic

■ INSTALL THE NEW BILL ACCEPTOR COVER PLATE
1.5" CARRIAGE BOLTS GO INTO HOLES 5 & 6. ALL OTHER HOLES GET 3/4" CARRIAGE BOLTS

■ USE A HAMMER TO FLATTEN THE BRACKET ON THE UPPER RIGHT HAND SIDE OF THE CABINET

■ USE A HAMMER TO FLATTEN A TAB ON THE UPPER LEFT HAND SIDE OF THE CABINET



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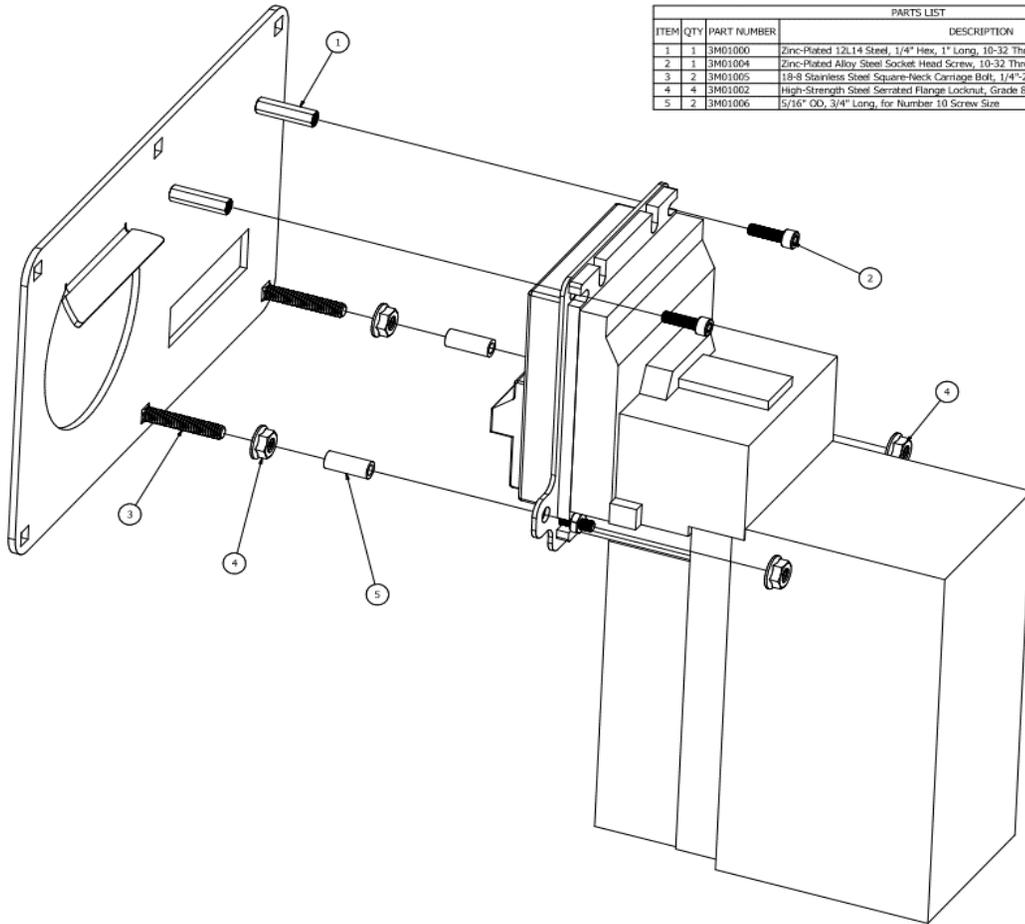
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PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3M01000	Zinc-Plated 12L14 Steel, 1/4" Hex, 1" Long, 10-32 Thread
2	1	3M01004	Zinc-Plated Alloy Steel Socket Head Screw, 10-32 Thread Size, 5/8" Long
3	2	3M01005	19-9 Stainless Steel Square-Neck Carriage Bolt, 1/4"-20 Thread Size, 1-1/2" Long
4	4	3M01002	High-Strength Steel serrated Flange Locknut, Grade 8, Zinc-Plated, 1/4"-20 Thread Size
5	2	3M01006	5/16" OD, 3/4" Long, for Number 10 Screw Size

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Tools Used

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- Inspection
- Special
- SC Characteristic



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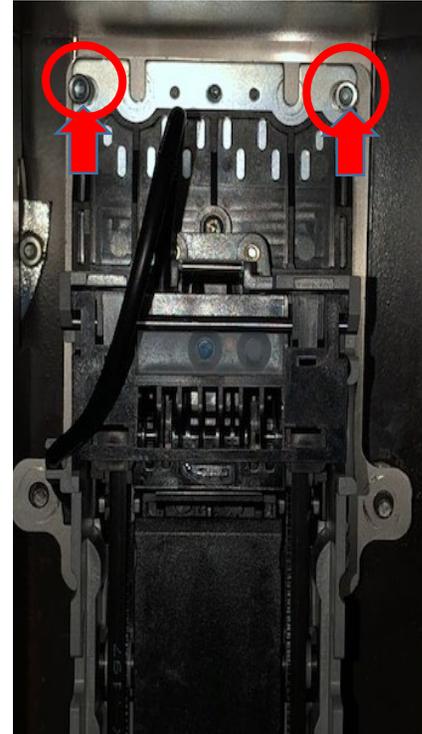
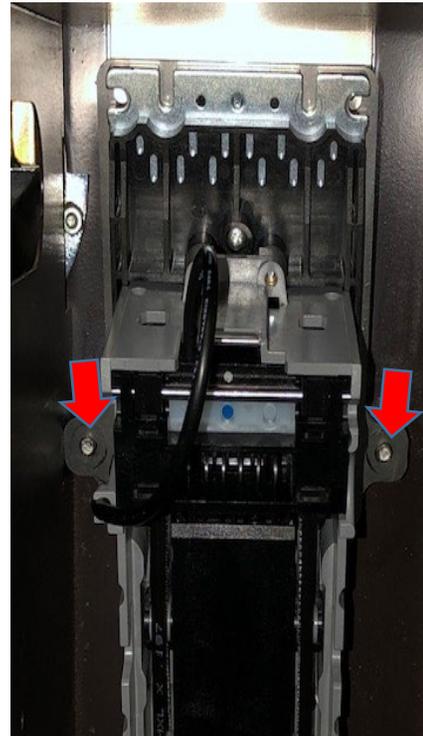
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-  Operation
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-  Special Characteristic

 SECURE THE BEZEL WITH QTY.2 10-32X5/8 SHCS AND QTY. 2 10-32 NUTS

 PLACE THE BILL ACCEPTOR INTO THE MACHINE AND LINE IT UP WITH THE TWO 1.5" CARRIAGE BOLTS AS SHOWN

 INSTALL QTY. 2 10-32X5/8" SHCS IN LOCATIONS SHOWN



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 INSTALL QTY. 2 1/4-20 SERRATED NUTS IN LOCATIONS SHOWN

 RE-INSTALL THE STACKER

 INSTALL THE POWER SUPPLY AS SHOWN USING THE ORIGINAL POWER SUPPLY MOUNTS AND SECURE USING QTY. 2 1/4-20X3/4 HEX BOLTS

-  Operation
-  Inspection
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 RUN THE POWER CORD THROUGH THE CUT OUT ON TOP OF THE CABINET AND PLUG INTO POWER SUPPLY. USE TAB ON SIDE OF CABINET TO SECURE THE CORD. **BE SURE GROUNDED PLUG REMAINS OUTSIDE OF THE CABINET!**

 **BE SURE TO CLEAN THE FACEPLATE AND INSTALL THE DECAL IF SUPPLIED WITH OPTIONAL DECAL** INSTALL THE 3/8" CARRIAGE BOLT INTO THE SECOND HOLE IN FRONT OF THE MACHINE. SECURE ON THE INSIDE WITH THE 3/8" NUT. THE BOLT WILL NEED TAPPED IN WITH A HAMMER ENOUGH TO BITE AND PREVENT SPINNING.

 REMOVE THE TWO RETAINING NUTS ON THE COIN CUP ASSEMBLY

-  **Operation**
-  **Inspection**
-  **Special Characteristic**



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REMOVE THE TOP PLATE



REMOVE THE BOTTOM PLATE AND FLIP DOOR ASSEMBLY



USE PLIERS TO STRAIGHTEN ONE END OF THE FLIP DOOR RETAINING PIN

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NOTE:

THE RETROFIT KIT FLIP DOOR ASSEMBLY IS SHORTER THAN ORIGINAL FLIP DOOR, MAKING IT EASIER TO REMOVE 40 AND 80 QUARTER DISPENSES

Tools Used

Quality Criteria

Gauges

Symbols

 PULL THE PIN OUT FROM THE OPPOSITE END. THIS WILL RELEASE THE ORIGINAL FLIP DOOR

 NEW FLIP DOOR IS INSTALLED IN REVERSE STEPS OF DISASSEMBLY

 INSTALL THE FLIP DOOR ASSEMBLY BACK INTO THE MACHINE

-  Operation
-  Inspection
-  Special Characteristic



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■ INSTALL THE TOP RETAINING PLATE AND SECURE THE ASSEMBLY WITH THE NUTS THAT WERE REMOVED EARLIER



■ REMOVE THE TWO HOPPERS FROM THE ASSEMBLY TO MAKE IT LIGHTER AND EASIER TO INSTALL



■ TILT THE ASSEMBLY AT AN ANGLE AND INSERT INTO THE MACHINE SO THAT THE SIDE TABS ARE AIMED AT THE SIDE BRACKETS OF THE CABINET AND CAN REST IN THOSE EXISTING BRACKTS

Safety

Tools Used

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Operation



Inspection



Special

Characteristic



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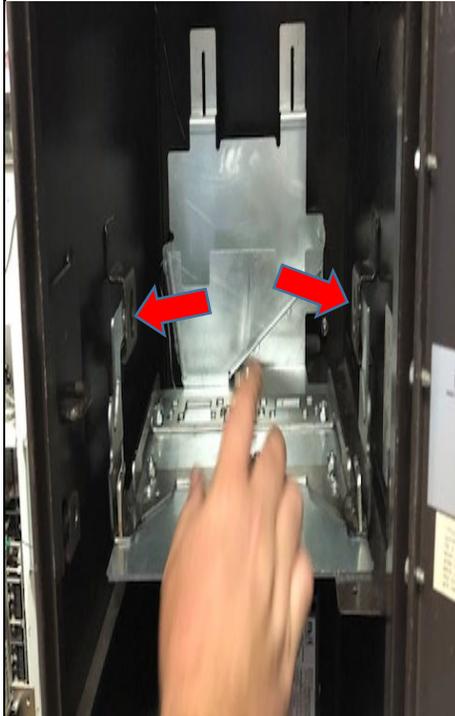
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-  **Operation**
-  **Inspection**
-  **Special Characteristic**

 THE SIDE TABS SHOULD SLIDE INSIDE OF THE MOUNTING TABS ON BOTH SIDES OF THE CABINET

 USE YOUR FINGER TO HOLD A SERRATED NUT BEHIND THE MOUNTING BRACKET

 INSTALL A RETAINER (2F07417) BY TURNING IT INTO THE NUT UNTIL IT IS TIGHT. REPEAT FOR THE OPPOSITE SIDE



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Operation



Inspection



Special

Characteristic

 USE A 7/16" WRENCH TO TIGHTEN THE NUTS ON BOTH SIDES

 INSTALL QTY.2 #8 WASHERS AND QTY 2 8-32X3/8" SOCKET HEAD CAP SCREWS IN LOCATIONS SHOWN

 INSTALL BOTH HOPPERS ONTO THE ASSEMBLY



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IF YOU PURCHED AN OPTIONAL EF+ MODULE KIT FOLLOW THESE INSTRUCTIONS FOR INSTALLATION AND HOPPER WIRING

Safety

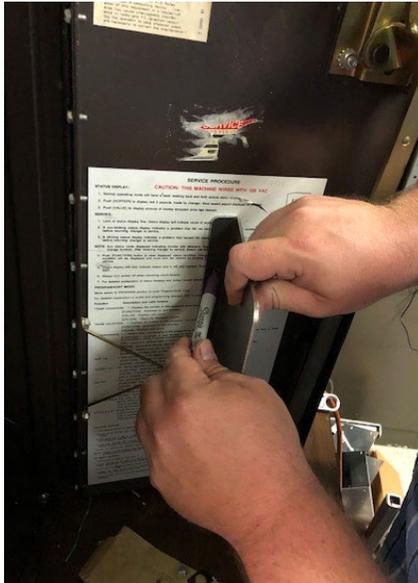
Tools Used

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-  **Operation**
-  **Inspection**
-  **Special Characteristic**



IF YOU HAVE PURCHASED AN EF+ MODULE, USE THE MOUNT TO LAY OUT THE HOLES TO DRILL AS SHOWN ABOVE



■ USING A LETTER "F" (.257") DRILL BIT, DRILL THE TWO HOLES IN THE DOOR AS REQUIRED



■ INSTALL QTY.2 1/4-20X3/4 HEX BOLTS INTO THE HOLES WITH THE THREADS ON THE INSIDE OF THE DOOR



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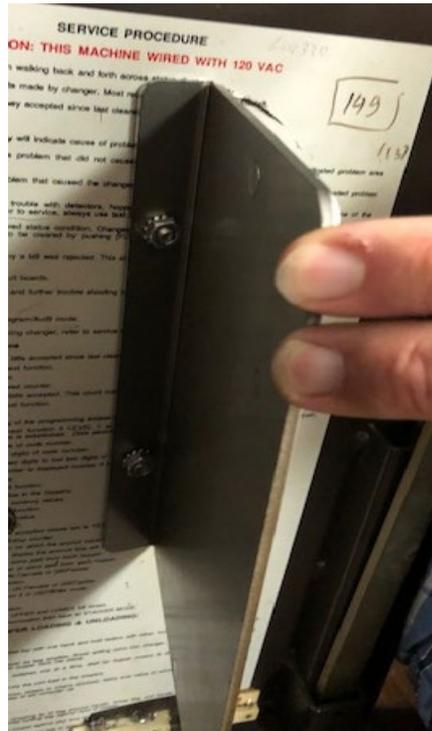
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-  **Special Characteristic**

 SECURE THE EF+ MODULE MOUNT WITH QTY. 2 1/4-20 NUTS

 THE FREE END OF THE POWER SUPPLY CABLE GOES INTO THIS LOCATION

 THE BLUE END OF CABLE 4C00316 GOES INTO THIS LOCATION



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-  **Special Characteristic**

 THE OPPOSITE END OF CABLE 4C00316 GOES INTO THIS PORT ON THE RIGHT SIDE HOPPER

 THE COMMUNICATIONS JUMPER CABLE 4C00299 GO INTO THESE TWO PORTS

 THE FLAT END OF CABLE 4C00317 GOES INTO THIS PORT



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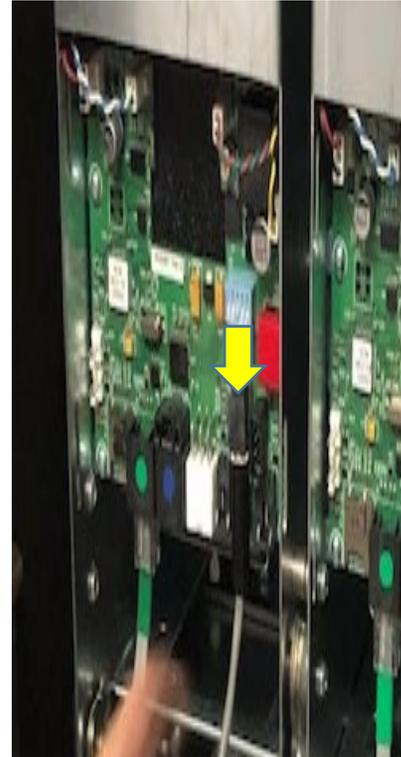
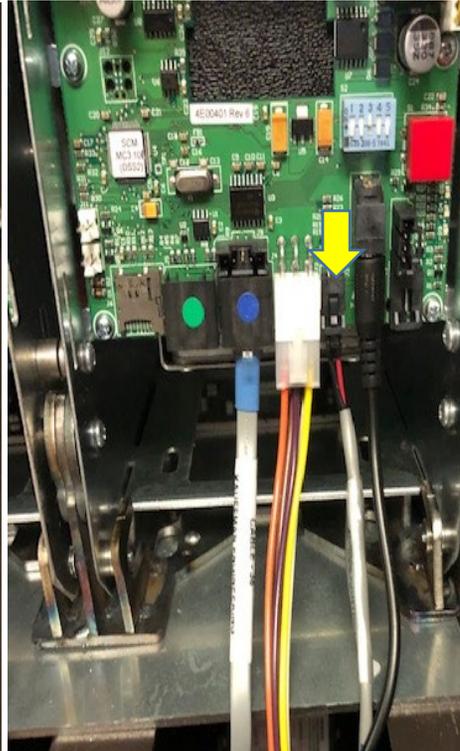
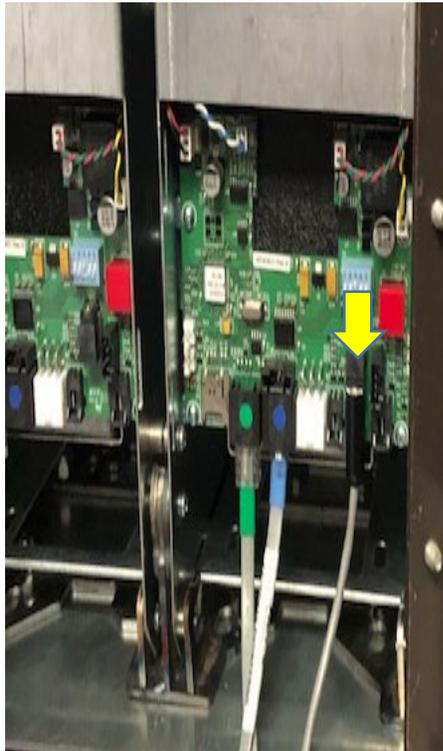
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-  **Operation**
-  **Inspection**
-  **Special Characteristic**

 THE ROUND END OF CABLE 4C00317 GOES INTO THIS PORT

 THE FLAT PART OF CABLE 4C00303 GOES INTO THIS PORT ON THE RIGHT HAND HOPPER

 THE ROUND END OF CABLE 4C00303 GOES INTO THIS PORT ON THE LEFT HAND HOPPER



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■ THE FLAT END OF THE O.O.S. CABLE (4C00300) GOES INTO THIS PORT

■ CONNECT ONE END OF CABLE 4C00263 INTO THE BILL ACCEPTOR AND THE OPPOSITE END GOES INTO THIS LOCATION ON THE RIGHT HAND HOPPER

■ INSTALL THE EF+ MODULE ONTO THE MOUNT AS SHOWN. SECURE WITH QTY. 2 1/4-20 NUTS

- Operation
- Inspection
- Special Characteristic



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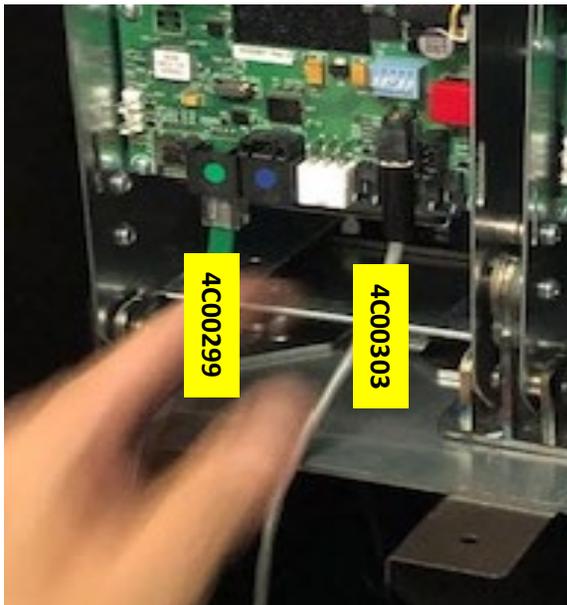
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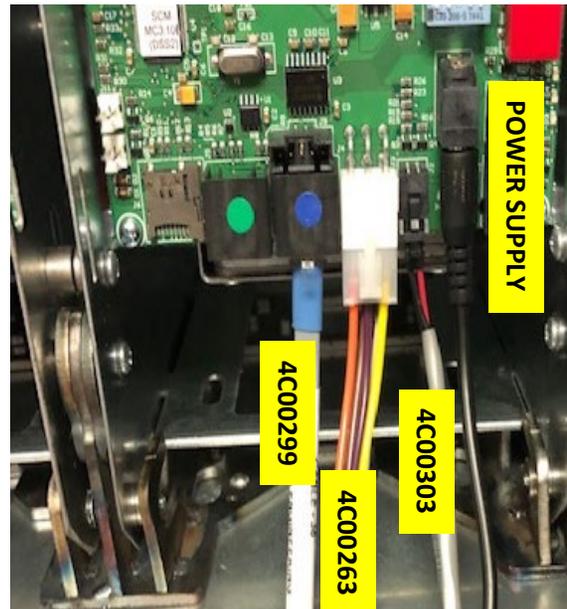
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**IF AN EF+ MODULE KIT HAS NOT BEEN PURCHASED
FOLLOW THESE STEPS FOR HOPPER WIRING**

LEFT HAND HOPPER



RIGHT HAND HOPPER



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- Operation**
- Inspection**
- SC **Special Characteristic**

4C00299=
COMMUNICATION
JUMPER FROM
HOPPER A TO
HOPPER B

4C00303= POWER
JUMPER FROM HOPPER
A TO HOPPER B

4C00263= BILL
ACCEPTOR CABLE