

# Credit Card Reader (CCR)

Installation Manual

ENGLISH



enel way

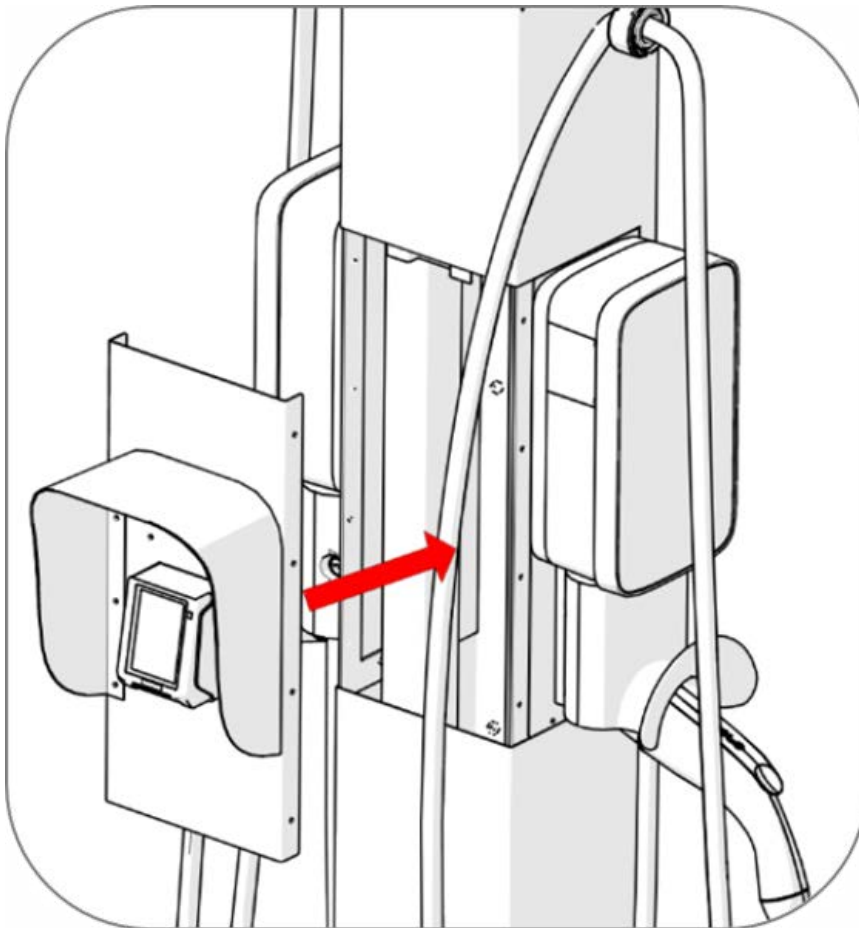
# Table of contents

<b>Welcome</b>	<b>3</b>
<b>Package Contents</b>	<b>4</b>
<b>Required Tools</b>	<b>4</b>
<b>Install the Antenna Bracket</b>	<b>5</b>
<b>Install the CCR Assembly</b>	<b>8</b>
<b>Connect the Serial Cables</b>	<b>10</b>
PEDESTAL WITH SINGLE JUICEBOX UNIT	10
PEDESTAL WITH 2 JUICEBOX UNITS	11
<b>Install the Back Plate</b>	<b>13</b>
<b>Label Installation</b>	<b>15</b>
TAMPER EVIDENT LABEL	15
CTEP LABEL	16
<b>Record Serial Numbers</b>	<b>18</b>

# Welcome

You can pay for EV charging through Apple Pay, Google Pay, or by tapping, inserting or swiping your payment card. You can upgrade the JuicePedestal to include a Credit Card Reader. This manual explains field installation of a Credit Card Reader (CCR) to the JuicePedestal.

**Note:** Perform a cellular survey of the area (where the CCR will be installed) to ensure that the CCR will function correctly. CCR needs cellular coverage in the area to operate and some models are restricted to specific network providers. Refer to **Cellular Signal Strength** document for more information.



# Package Contents

- > Front panel with CCR assembly
- > Antenna
- > Antenna Bracket
- > (2x) 1/2 inch long 1/4"-20 button head Phillips screws to secure the antenna bracket
- > (8x) 1/5 inch long 4-40 tamper-resistant Torx-10 flat head screws to secure CCR assembly to the pedestal
- > (8x) 1/2 inch long 1/4"-20 button head Phillips screws to secure the back plate
- > (2x) 1/2 inch long 1/4"-20 tamper-resistant button head Torx screws to secure the back plate
- > (1x) CTEP label
- > (1x) "VOID IF REMOVED" tamper-evident label.

# Required Tools

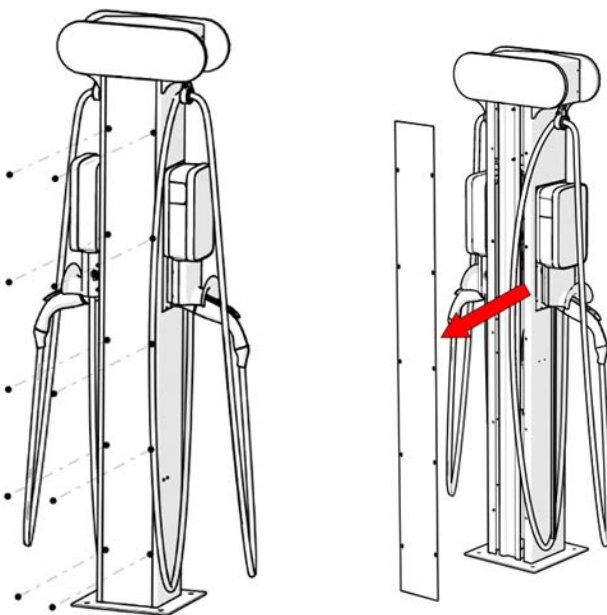
- > Phillips Screwdriver (No. 2 drive size)
- > Phillips Screwdriver (No. 3 drive size)
- > Torx TR10 Screwdriver
- > Wrench 19mm
- > Torx 27 tamperproof Screwdriver or Screwdriver bit
- > Torque wrench.

# Install the Antenna Bracket

1. Turn off all the circuit breakers that supply power to the JuiceBox(es) on pedestal.
2. Lock out and tag the circuit breaker(s) with a LOTO (Lock Out/Tag Out) kit.



3. Remove and discard the 10 fasteners that secure the back plate to the pedestal. Remove the back plate.



4. Remove the 4 screws to open the junction box cover within the pedestal.



5. Use a multimeter to ensure that wires supplying power to the pedestal indicates a zero voltage, as there may be more than one circuit in the junction box.

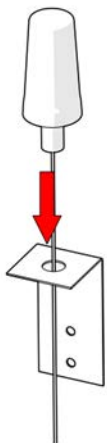
**Warning:** Do not continue with this procedure until the multimeter shows that there is no power at the hardwire connections to mains.



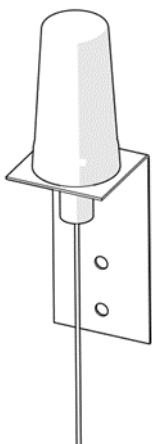
6. Inside the CCR kit packaging, locate and open the accessory box and take out the antenna and antenna bracket.



7. Route the antenna cable through the hole on the antenna bracket and place the antenna on the bracket.

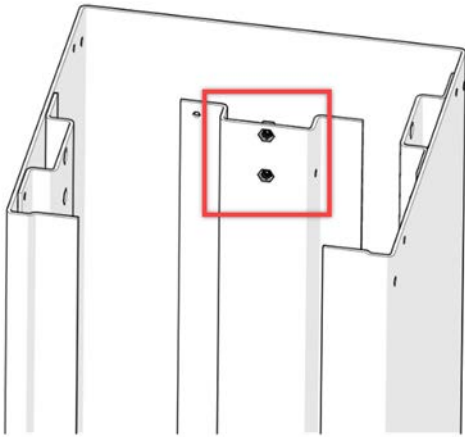


8. Secure the antenna by tightening the nut using 19mm wrench.



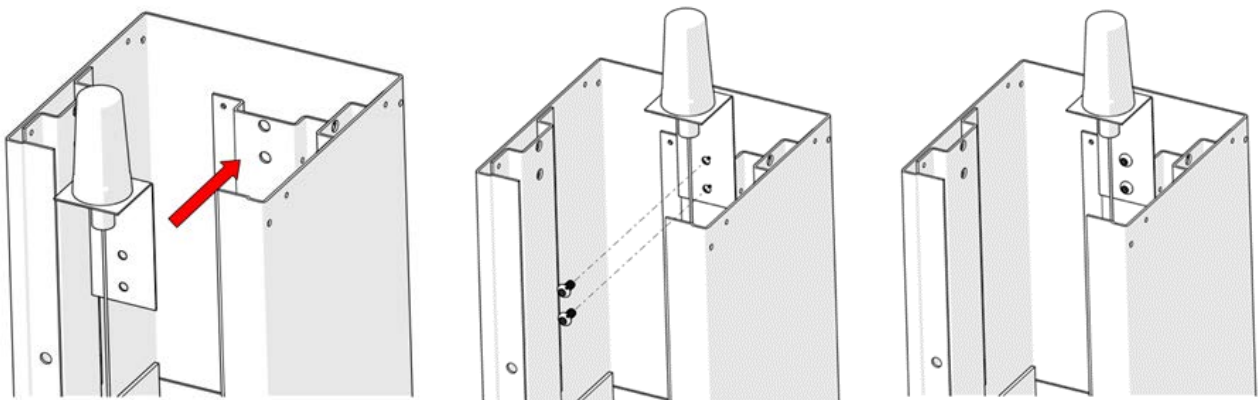


9. On the top section of the pedestal, you will see 2 mounting points for installing the antenna bracket.



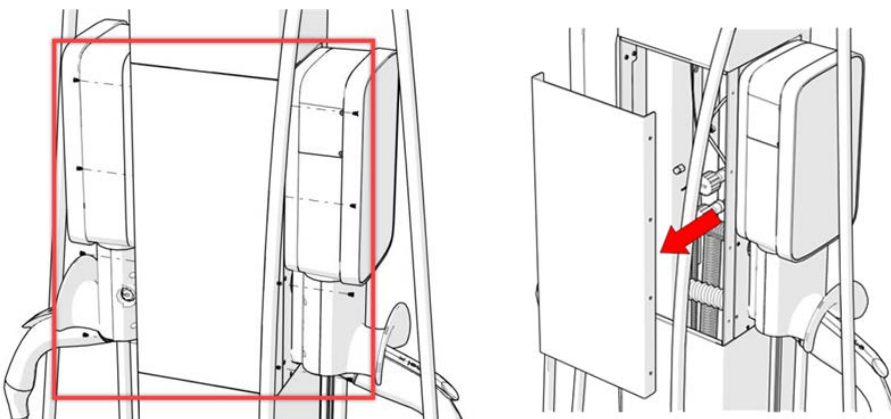
10. Install the 2 button head Phillips screws to secure the antenna bracket.

**Note:** It is recommended to apply a torque of 80 in-lbs to the screws.



## Install the CCR Assembly

1. Remove and discard the 8 fasteners to remove the old front panel from the pedestal.





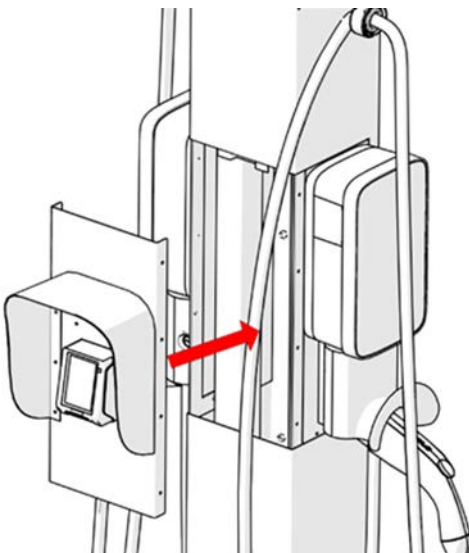
2. Locate the serial number label on the bottom side of the new CCR.



3. Record the CCR and ICCID numbers from the label.

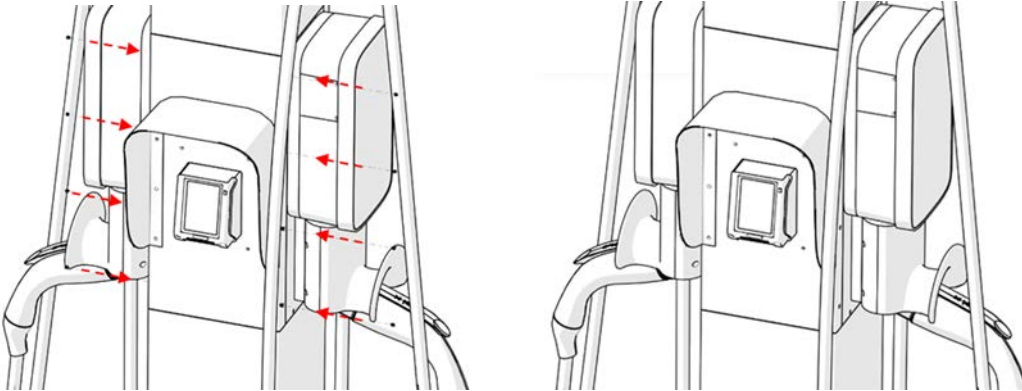


4. Hold the new CCR assembly near the pedestal.



5. Install the 8 Torx-10 flat head screws on both sides of the pedestal to secure the CCR assembly.

**Note:** It is recommended to apply a torque of 5.2 in-lbs to the screws.



## Connect the Serial Cables

### PEDESTAL WITH SINGLE JUICEBOX UNIT

1. Remove the top RJ45 adapter cover.

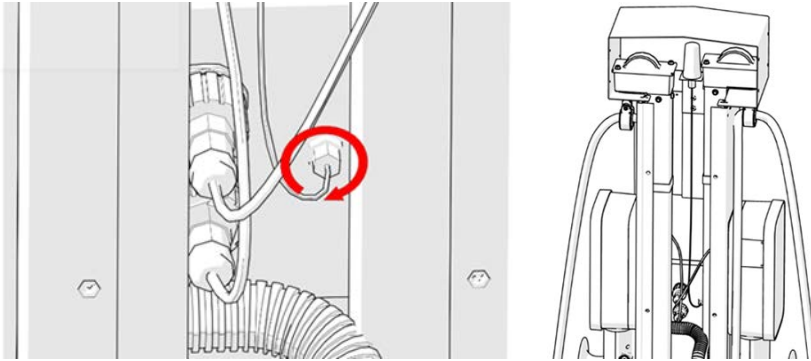


2. Connect the JuiceBox serial cable to the top RJ45 adapter, which supplies power to the CCR assembly. Turn the cable connector clockwise until it is latched.



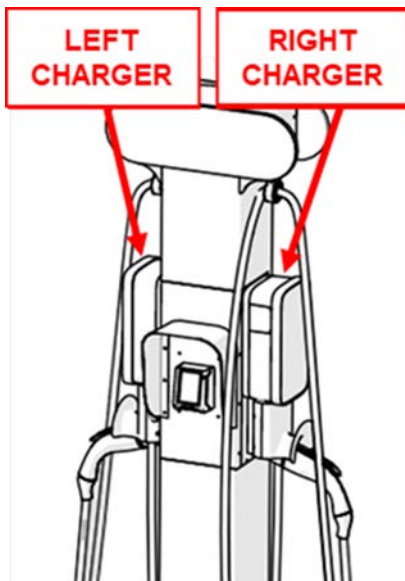
3. Connect the SMA plug from the antenna to the SMA bulkhead on the back of the CCR cover and make sure the connection is tight.

**Note:** Hand tighten the SMA plug to the SMA bulkhead to avoid over tightening of connection.



## PEDESTAL WITH 2 JUICEBOX UNITS

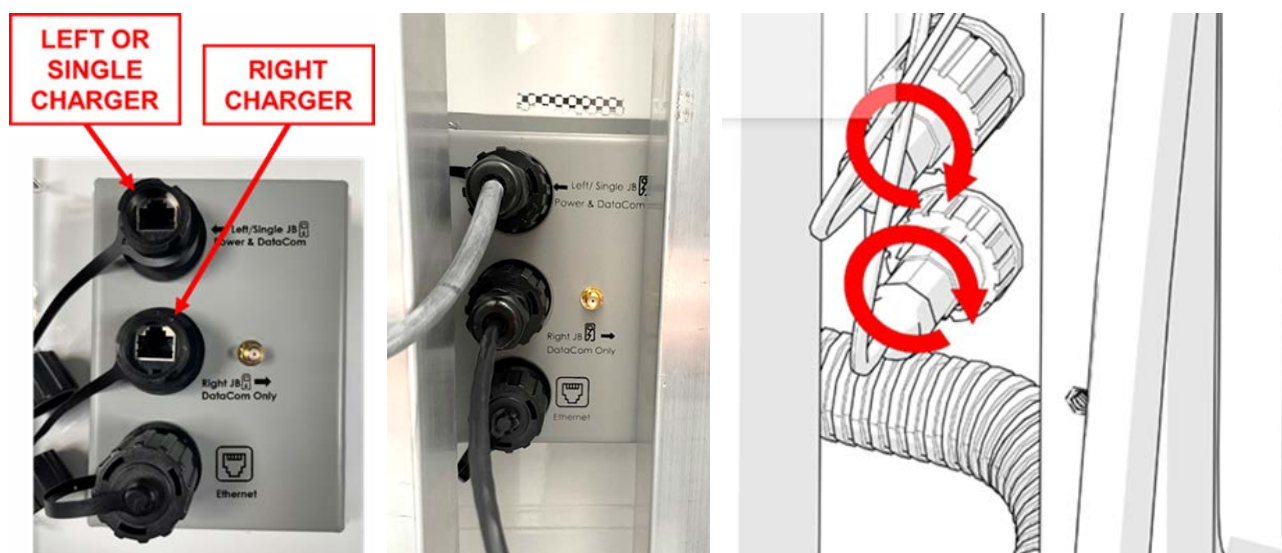
1. Identify the left and right JuiceBox on the pedestal.



2. Remove the top RJ45 adapter cover and remove and discard the plug connected to the middle RJ45 adapter.

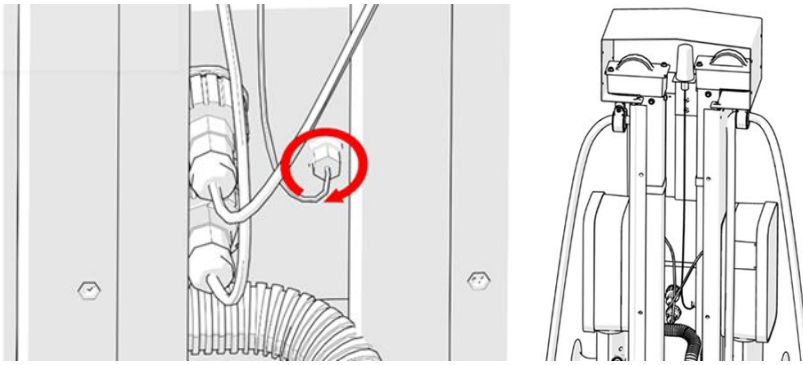


3. Connect the left JuiceBox serial cable to the top RJ45 adapter and right JuiceBox serial cable to the middle RJ45 adapter on the back cover of the CCR assembly. Turn the cable connectors clockwise until they are latched.



4. Connect the SMA plug from the antenna to the SMA bulkhead on the back of the CCR cover and make sure the connection is tight.

**Note:** Hand tighten the SMA plug to the SMA bulkhead to avoid over tightening of connection.



## Install the Back Plate

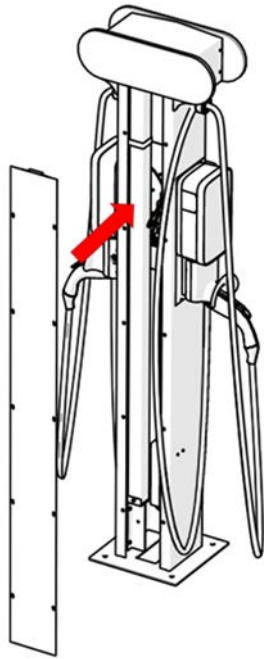
1. Remove the LOTO kit from the circuit breaker(s).
2. Turn on all the circuit breakers that supply power to the pedestal. The JuiceBox turns on automatically and the LED indicator flashing to blue color.

**Note:** Wait for 2 minutes for the CCR to turn on.

3. Verify the CCR screen turns on and the serial numbers on the CCR screen matches with serial numbers on the JuiceBox labels.

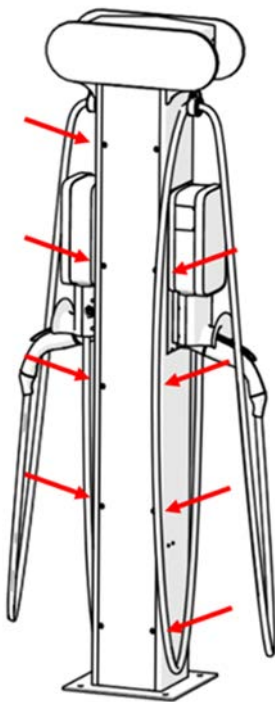


4. Reinstall the junction box cover within the pedestal.
5. Position the back plate on the pedestal.



6. Install the 4 button head Phillips screws on the top left side of the pedestal and 4 button head Phillips screws on the bottom right side of the pedestal to secure the back plate.

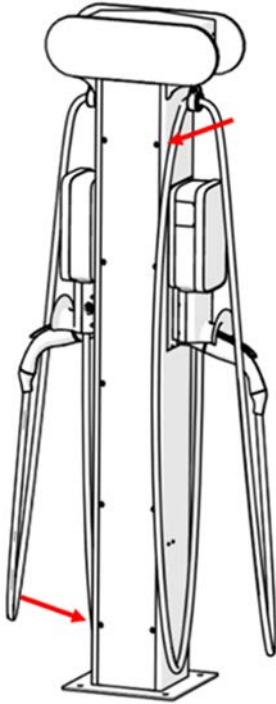
**Note:** Apply the torque of 80 in-lbs to tighten the screws.



7. Install the one button head torx screw on the bottom left side of the pedestal and one button head torx screw on the top right side of the pedestal.



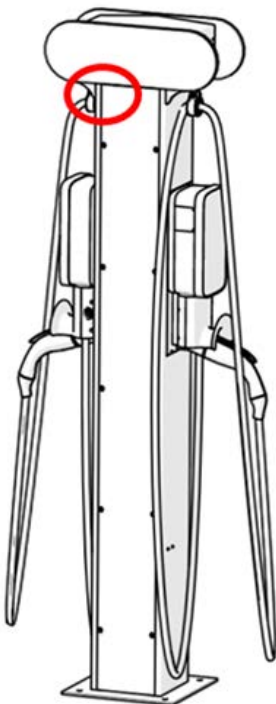
**Note:** Apply the torque of 80 in-lbs to tighten the screws.



## Label Installation

### TAMPER EVIDENT LABEL

1. Clean and dry the area at top left corner of the back plate.





2. Peel off the backing paper from the label and stick one end of the label to the pedestal and other end to the back plate on the top left corner of the pedestal.



## CTEP LABEL

1. You will find the pedestal label below the newly installed CCR assembly.



2. Peel off the backing paper from the CTEP label and stick the CTEP label below the pedestal label.



3. If the pedestal label is missing or is at the different location than is shown at the step 1, place the CTEP label as shown in the below picture.



Remove and discard the QR code label that redirects you to this Credit Card Reader (CCR) Installation Manual.



# Record Serial Numbers

Do the following steps to record the serial numbers of pedestal, CCR, sim ICCID, and JuiceBoxes which will be needed during the CCR activation process:

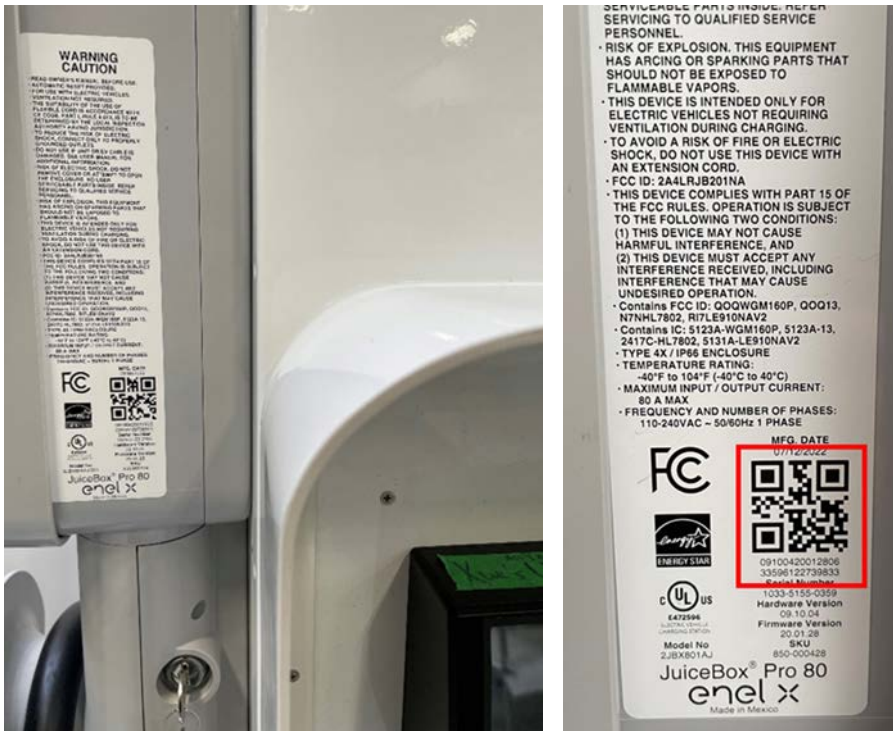
1. Locate the pedestal label and record the pedestal serial number.



2. Locate the serial number label on the bottom side of the new CCR and record the CCR and ICCID numbers from the label.



3. Locate the JuiceBox label on the right side of JuiceBox and record the serial number/ JuiceNet ID available below the QR code.



For more information, refer to **Frequently Asked Questions** of CCR.