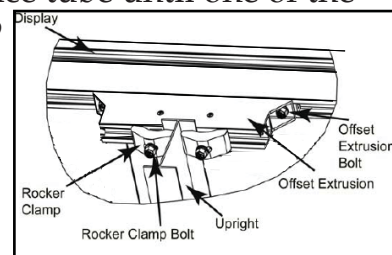
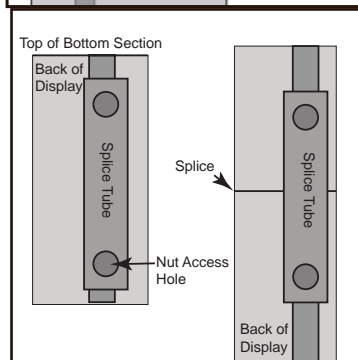
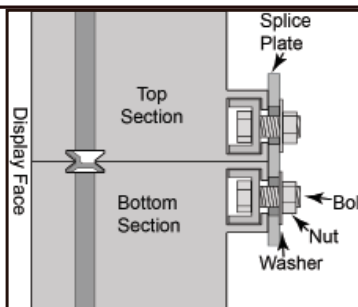
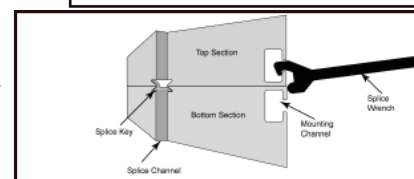
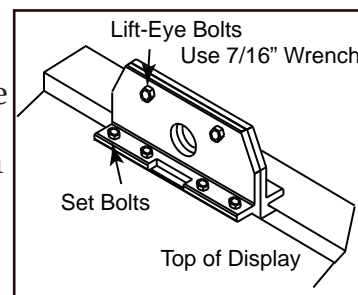


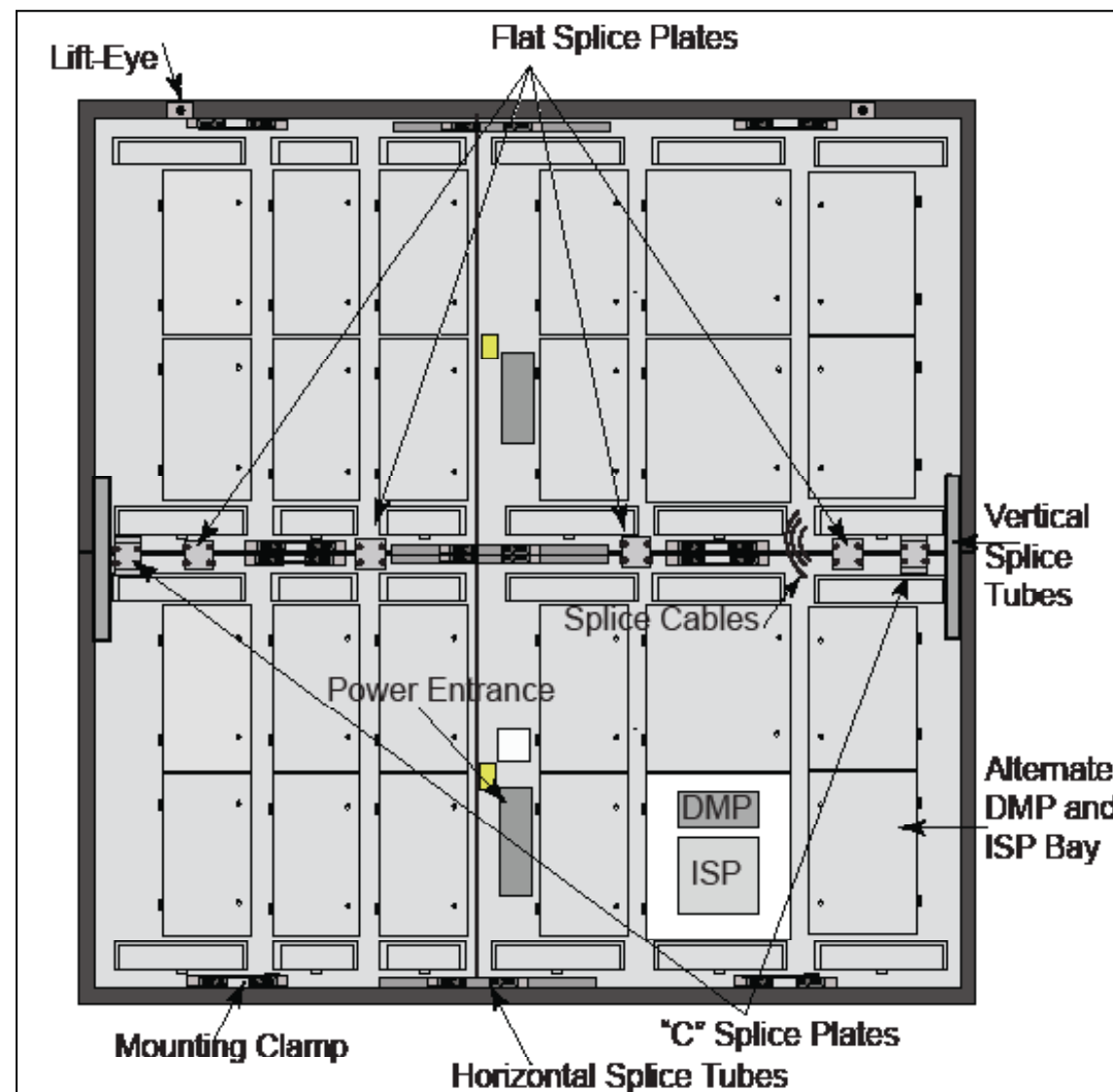
# 4200 Series Digital Billboard Installation Quick Guide

## Display Installation

1. Verify lift-eye and set bolts are secure.
2. Attach the crane to the lift-eyes in the top section.
3. Remove the shipping hardware from the top section.
4. Use a  $\frac{7}{16}$ " wrench to remove the bolts that hold the lift-eyes in the bottom section together and to the display. Slide the two pieces of the lift-eye past each other and lift them out of the channel.
5. Lift the top section off of the truck.
6. Lower the top section on to the bottom section.
7. Use the splice wrench to align the display sections.
8. Verify the LEDs on both display sections align with each other.
9. Evenly distribute the flat splice plates along the back of the display.  
**Note:** The C-shaped splice plates must remain near the ends of the display.
10. Use the torque stick from the spare parts box, a  $1\frac{1}{16}$ " socket, and an impact wrench to loosen the bolts that hold the vertical splice tube in the bottom section.
11. Slide the vertical splice tube up until it is split evenly between the display sections.
12. Repeat **Steps 10 - 11** on all vertical splice tubes.
13. Measure the uprights on the structure head and space the mounting clamps on the back of the display to match the spacing.  
**Note:** If needed to match the upright spacing, loosen and slide the horizontal splice tube until one of the alternate alignment marks lines up with the display splice.
14. If needed, relocate the DMP and the ISP enclosure to the alternate location to avoid structural interference when installed.
15. Install the border splice plates and covers (if applicable).



16. Connect the signal and power splice cables between the display sections (power to power, A to A, and B to B).
17. Remove the shipping braces from the bottom display section.
18. Install the webcam and webcam arm.
19. Connect the webcam Ethernet cable to the back of the display (below the power entrance box) and connect the green grounding cable to the back of the display.
20. Lift the display to the structure.
21. Lower the display until it rests on all the display ledger brackets. If needed, insert metal shims until the display is resting on all ledger brackets.
22. Connect and secure all mounting clamps to the uprights. **Note:** Tighten all mounting hardware to 75 ft-lb.
23. Remove the crane support.



### Note

- There are no display filters on the 4200 series. Filter retrofit kits are available for displays in highly corrosive environments. Work with the Account Service Manager if a filter retrofit kit is needed.
- For full installation instructions, refer to the installation manual located in the spare-parts box

## Electrical Installation

1. Refer to the display riser diagram for required power.
2. Run conduit from the main distribution panel to the display power entrance(s).
3. Loosen the six screws that secure the power entrance cover and remove the cover.
4. Feed the power cable through the conduit into the power entrance.
5. Connect the green ground wire to the ground lug at the bottom of the power entrance box and tighten to 45 in-lbs.
6. Connect power line 1 to Line 1 on the tap and tighten to 57 in-lbs.
7. Connect power line 2 to Line 2 on the tap and tighten to 57 in-lbs.
8. Connect the neutral line to the neutral tap and tighten to 57 in-lbs.
9. Verify the breakers for the control equipment and surge suppressor are on.
10. Verify the breaker for the Backlit ID is off unless there is a backlit ID.
11. Replace and secure the power entrance cover.

