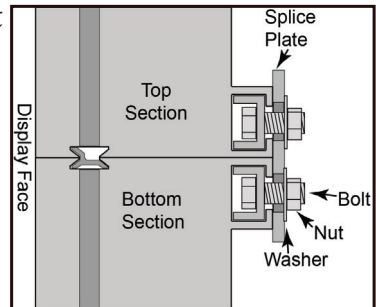
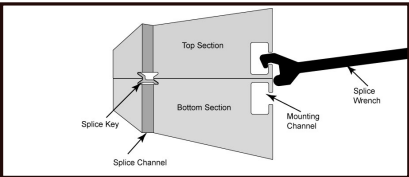
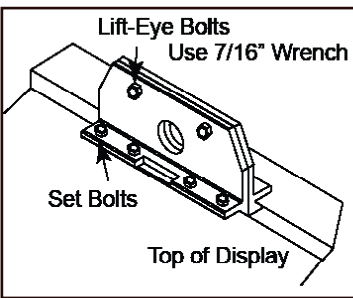


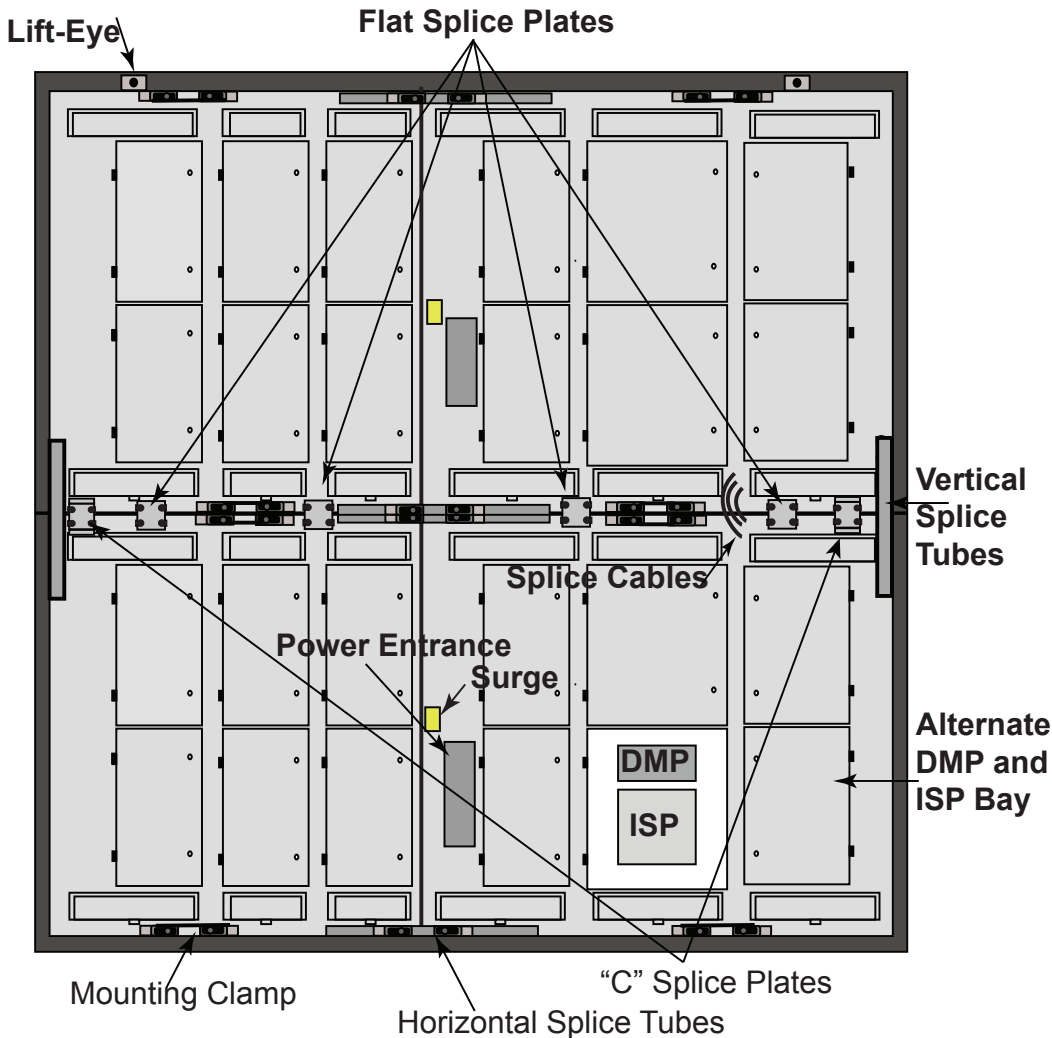
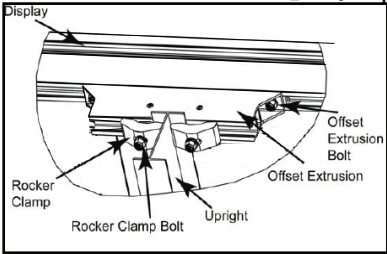
4203 Series Digital Billboard Installation Quick Guide

Display Installation

1. Verify lift-eye and set bolts are secure.
2. Identify the display sections.
3. If there is a horizontal splice required (side by side), install a C-shaped splice plate at the top and bottom of one of the display sections so it can catch and engage the second section. Note: There are examples of installation hardware installation locations on the back of this quick guide. The hardware installation location can also be located on the shop drawing.
4. Lift a display section.
5. Carefully guide and pull the two display sections together.
6. Install the required nuts and bolts to secure the two display sections together.
7. Ensure the LEDs align between the two display sections.
8. Repeat **Steps 3 - 7** for all horizontal splices.
9. Attach the crane to the lift-eyes in the top section.
10. 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.
11. Lift the top section.
12. Lower the top section on to the bottom section.
13. Use the splice wrench to align the display sections.
14. Verify the LEDs on both display sections align with each other.
15. Install and evenly distribute the flat splice plates along the back of the display.
16. Install the C-shaped splice plates at each end of the display.
17. Install the vertical splice tubes so they are split evenly between the top and bottom display sections.
18. Measure the uprights on the structure head and install the mounting clamps on the back of the display to match the spacing.
19. If needed, relocate the DMP and the ISP enclosure to the alternate location to avoid structural interference when installed.
20. Install the display borders.
21. Connect the signal splice cables between the display sections (A to A, and B to B).



22. Install the webcam and webcam arm.
23. 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.
24. Lift the display to the structure.
25. 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.
26. Connect and secure all mounting clamps to the uprights. **Note:** Tighten all mounting hardware to 75 ft-lb.
27. Remove the crane support.

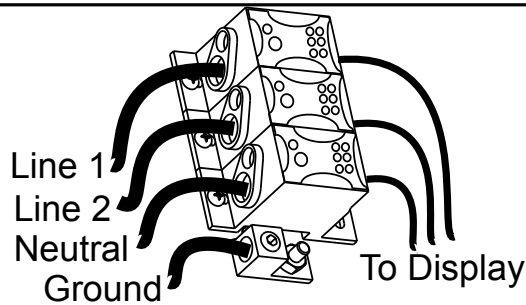


Note

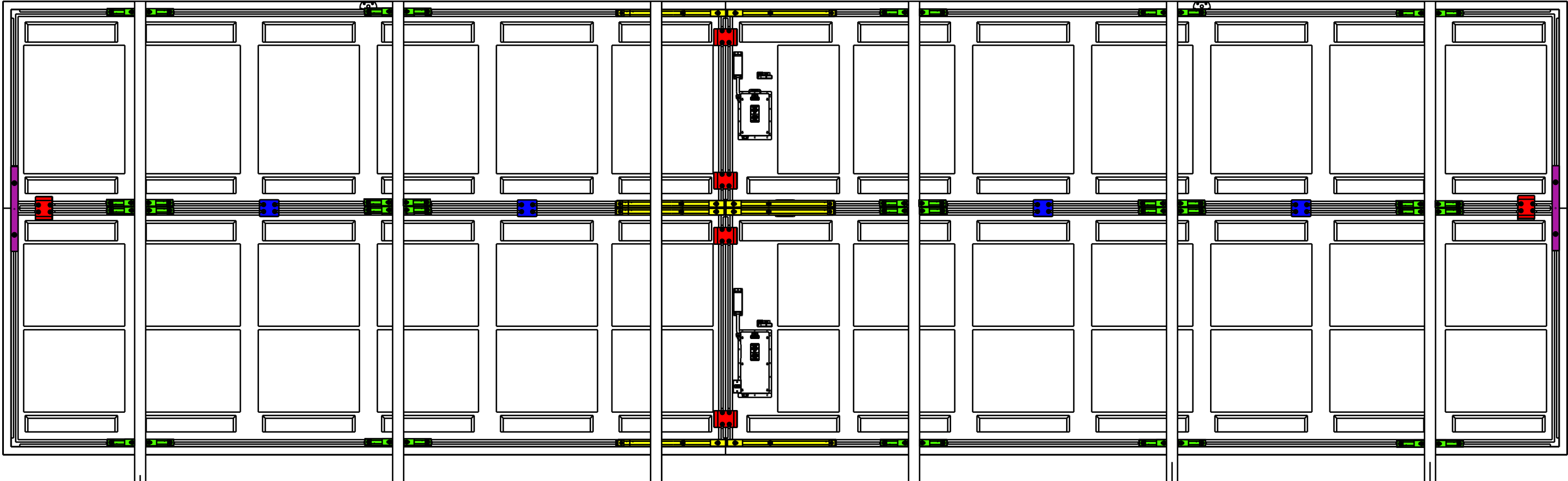
- There are no display filters on the 4203 series. Filter retrofit kits are available for displays in highly corrosive environments. Work with the Account Service Manager if a filter retrofit kit is needed.
- If your display has an external control enclosure, refer to the quick guide shipped with the enclosure for external enclosure installation.
- 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.



11 Module x 39 Module



Key

	Mounting Clamp
	Flat Splice Plate
	C-Shaped Splice Plate
	Vertical Splice Tube
	Horizontal Splice Tube

8 Module x 13 Module

