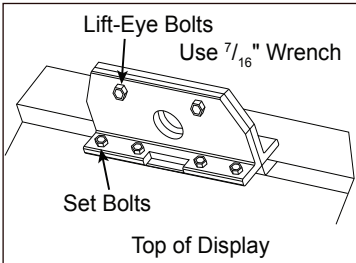


Display Installation

1. Verify lift-eye and set bolts are secure.



2. Attach the crane to the lift-eyes in the top section.



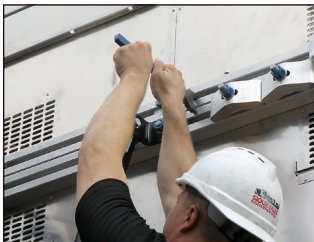
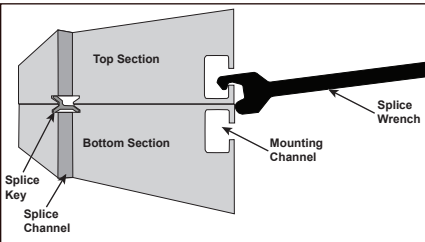
3. Remove the shipping hardware from the top section.



4. Use a 7/16\"/>




- 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.



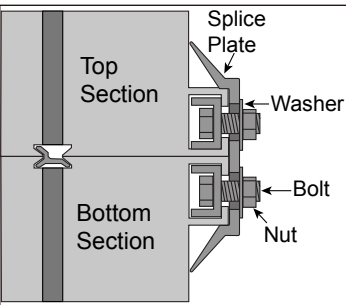
8. Verify the LEDs on both display sections align with each other.

**LED Alignment**

Verify LEDs align in all directions between splices. If the LEDs are more than 1/4 of an LED out of alignment, adjust until properly aligned.

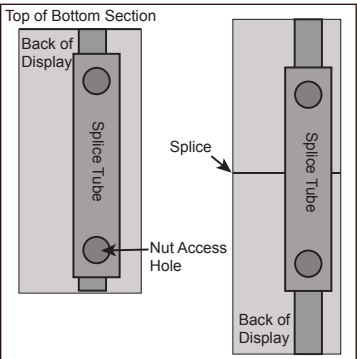


9. Evenly distribute the flat splice plates along the back of the display. **Note:** The C-shaped splice plates must remain near the ends of the display.

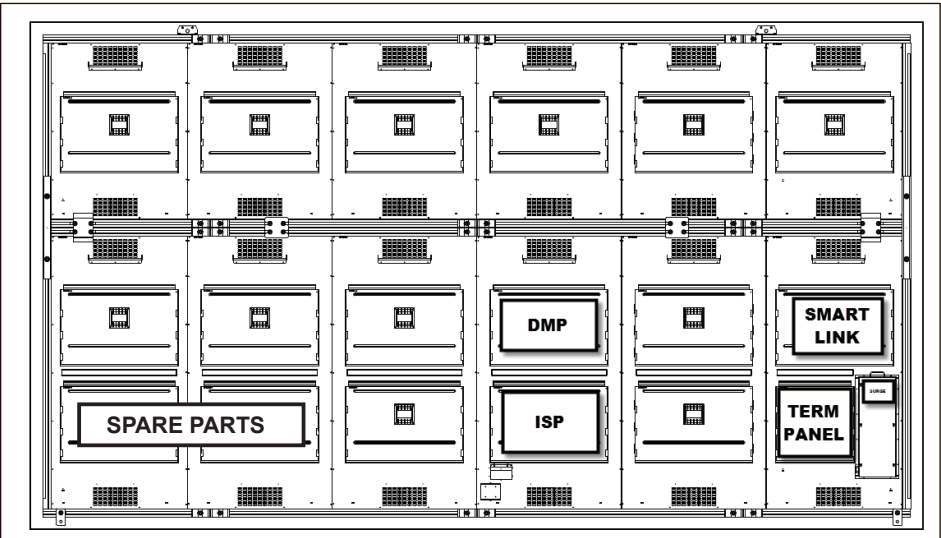


10. Use the torque stick from the spare parts rack, a 1 1/16\"/>

11. Rotate the vertical splice tube out of the channel, slide it out of the channel, and rotate it back into the channel when it is split evenly between the display sections.

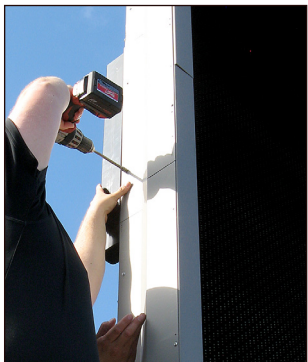


- 12. Repeat Steps 10 - 11 on all vertical splice tubes.
- 13. Measure the uprights on the structure head and space the mounting clamps on the back of the display to match the spacing. **Note:** If needed to match the upright spacing, loosen and slide the horizontal splice tube until one of the alternate 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. Slide the border splice plates and covers into place and attach (if applicable).
- 16. Connect the signal and power splice cables between the display sections.
- 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 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.  
**Note: Make sure structure uprights are plum and level with one another.**  
**Note: Make sure there are no obstructions between mounts and structure.**  
**Note: Make sure there are no obstructions on the display mounting surface of the I-beam.**
- 22. Connect and secure all mounting clamps to the uprights. **Note:** Tighten all mounting hardware to 75 ft-lb to 100 ft-lb.
- 23. Remove the crane support.

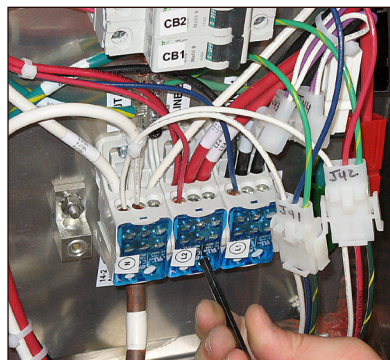


Electrical Installation

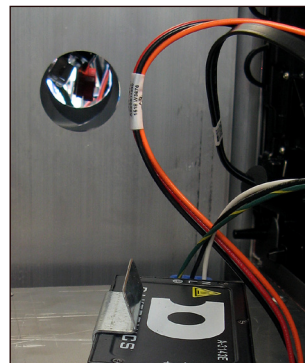
- 1. Refer to the display riser diagram for required power.
- 2. Remove the right display doors of each section to access power and signal cables.
- 3. Run conduit from the main distribution panel to the display power entrance(s).
- 4. Loosen the six screws that secure the power entrance cover and remove the cover.
- 5. Feed the power cable through the conduit into the power entrance.
- 6. Connect the green ground wire to the ground lug at the bottom of the power entrance box and tighten to 45 in-lbs.
- 7. Connect power line 1 to Line 1 on the tap and tighten to 57 in-lbs.
- 8. Connect power line 2 to Line 2 on the tap and tighten to 57 in-lbs.



- 9. Connect the neutral line to the neutral tap and tighten to 57 in-lbs.

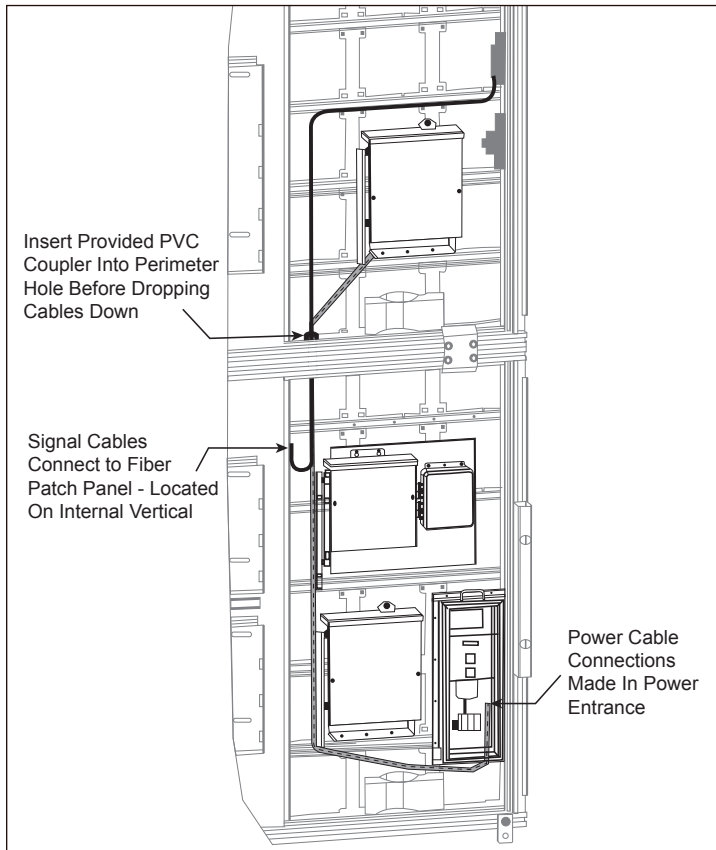


- 10. Verify the breakers for the control equipment and surge suppressor are on.
- 11. Verify the breaker for the Backlit ID is off unless there is a backlit ID.
- 12. Insert PVC coupler into perimeter holes.



- 13. Behind the top-right door of the top display section, uncoil the signal and power cables and drop them through the perimeter holes to the bottom section. **Note:** Drop power cables through first, followed by fiber signal cables.

- 14. Connect signal splice cable Signal A from the display top section to the Signal A on bottom section and Signal B on the top section to Signal B on the bottom section.



- 15. Run the power cables to the left of the term panel and then under it before pulling it into the bottom of the power entrance box.
- 16. Connect the power splice cable to the power interconnect jacks on each display section.
- 17. Replace and secure the power entrance cover.

