

The beam right Optical Box is due in Monday, Aug 13. We will install the OB onto the fixture and run the water system. Here are the baseline steps involved.

1. Unload the OB, back plate and Mirror Box from the truck in Hall D.
2. In vertical position install the MB inside the OB.
- 3a. Install the back plate onto the OB
- 3b. Install Plexiglass window onto OB
4. Install all fittings and plug all holes in the OB
5. Move the lower bar boxes as far beam left as they can go (remove nitrogen lines and reinstall)
- 6a. Install the MB flanges over the end flange on each Bar Box
- 6b. Install the Bar Box split flanges over each Bar Box flange and wire tie in position
- 6c. Install Gaskets over the flange of each Bar Box
- 6d. Remove the covers off the Bar Box window flange
7. Install all screws through the Bar Box flange, gasket and thread into the split flange for both Bar Boxes
8. Install adjustment hardware on OB support frame. The lower BR screws should be backed all the way out to allow as much clearance as possible. (this can be done much earlier)
9. Crane the PB into position to align very closely with the bar box flanges (critical lift plan written)
10. Bring the Bar Boxes into position meshing with the OB. The BL side of the Bar Box flange should be co-planer with the outside surface of the OB.
11. Install all screws loosely through the OB flange, gasket and thread into the OB.
12. Make any final adjustments to ensure good alignment of the flanges
13. Tighten lock down screws on the top and bottom of the OB support.
14. Disconnect from crane
15. Connect all water lines and Fill with water