



CSA-5.0-TH Top Hung Slide Door Assembly and Installation Instructions

**Kennedy Space Center
Pontchartrain Partners, LLC**

1. Open all structural component and hardware boxes and compare with itemized list in this instruction. Note: Structural components and hardware may arrive in separate shipments.
2. Install Top track per print. Use mounting brackets two foot on center Ceiling mount brackets are to be bolted to the overhead structure, bolts supplied.
3. The track will be mounted 5.5” between center line of the front track and rear track. Center the rear track on the centerline of the existing bottom guide in the floor. Center the front track 5.5” forward of the Rear Track.
4. The Panels are assembled but will need to be coupled together at site by drilling a ½ hole near the top and near the bottom and bolting thru the verticals using supplied bolts and steel plates.
5. Lay out Door panels out. The panels are numbered looking from the outside looking in with 1L thru 8L for the Left and 1R thru 8R for the right. Panels 1L thru 4L will form the left rear panel set. Panels 5R thru 8R will for the front right panel set. This is shown on the enclosed print.

6. The door is supplied in 16 panels, 12 panels will measure 40" wide and four will measure 37" wide. The four 37" panels will be set towards the center of the door, one in each panel set and will be number 4 or 8 L or R.
7. Install bottom guide rail. This will mate and set on top of the existing guide rail in the floor. The door was prepared for this guide "U" by hand drilling the door and the "U" sections. The "U" sections are labeled Door 1 and Door 2. And each section is also labeled for the panels they are to be fitted onto. Graded carriage bolts are supplied to attach the guide channel to the door bottom rail and four thick washers will be used between the "U" and the aluminum blocks in the bottom rail. The holes in the "U" are slotted to allow some in and out adjustment. The holes may need to be reamed to fit the bolts and there may need to be some trimming of the "U" at the joint near the center of the panel set.
8. Short 2" astragals are supplied to close off the gap between the bottom rails. These are installed with the supplied small tek screws.
9. Wood Blocks are supplied to be inserted into the steel guide "U" channel to reinforce the "U" channel while standing the door up.
10. Stand the door panel set up. This will weigh approximately 600# and we recommend mechanical lifting equipment to assist.
11. Position the door panel set over the guide rail that it will ride over and remove the wood blocks and let the bottom guide "U" fit over the guide in the concrete.
12. Remove one of the brackets from the saddle of each trolley. Insert the trolley wheels into the track from one end or the other and position each trolley over the trolley pin installed in the door panel.
13. Raise the door panel to install the top of the trolley pin in the trolley saddle. Slide the removed trolley bracket back on to lock the trolley pin in place. Be sure to put the screws back into the trolley bracket.
14. Adjust the trolley nuts to position the top of the door approximately 1" below the saddle on the track and approximately 1" between the top of the bottom "U" and the guide channel. The door must float on the trolley springs. Once adjusted, install the Jamb nuts. The Jamb nuts must be tight at all times to maintain the height adjustment.
15. Install the double astragal on one center verticals. One astragal on the inside and one on the outside. Small tek screws are supplied for this.

16. A manual foot bolt is supplied for one center panel of each door. This is optional to secure the door closed. This is installed inside the vertical per photo attached.
17. If the foot bolt is to be installed, then two door pulls are supplied to be attached at the center of the opening on the out side and positioned so that a chain or cable lock can be installed to lock the door closed.
18. Two Jamb latches are supplied, one for each side of the door. Install per the enclosed instructions.
19. The foot bolt, jamb latches and center pull work together to lock the door if that is desired.