

With all parameters of height defined, it's time to install the rear canopy blocks. These will hold the 2 pins in the frame that securely lock the frame into position when closed.

The work starts by positioning the 2 C-677 blocks on the slider deck just behind the slider rails. The rear pin mounts have to be positioned 1/8" inwards from the edge of the skin to allow for the shop heads of the rivets in the side skirts.

The black line in the picture is the 1/8 inch line.



Drilling without moving the mount is a little tricky. Therefore, I clamped a big aluminum angle on the outside and will slide a 1/8" thick piece of aluminum in between. This allows me to safely drill through the longeron.

Each time I have to do some drilling on the longeron, I'm really punctual. It would be a nightmare drilling some wrong holes in there. First fit and marking the hole locations in the bottom of the rear pin mount.



The second angle which is 0.125 serves as a guide to get a perfect 1/8 inch clearance.

22/10/2021 - Rear canopy blocks - 4h

Category: 4.3. Slider Canopy

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Drilled the two holes to #30.



Picture from the side.



Picture from the rear looking forward. I still have to trim back the rear part of the slider frame as per the plans.



I closed the frame with the canopy clecoed on and this is how the pin insert will look like.

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Looking from the side, the fit is perfect. The end of the pin has very little clearance to the plastic block and will have full grip.



Other side viewn from the rear. Do not drill the holes through the sides of C-677 yet. One side was a little lower than the other. Yours might be different too and the difference can be so big that you have to reposition those lateral holes.



Updrilled to #13 and reamed #12. AN3 Bolts temporarily installed on both sides. Now the more critical work of drilling the plastic blocks can start.

