

Apollo Crawler Center Structure – Assembly Instructions:

The Center Structure is everything structural between the end structures. The sides are unique. The center structure consist of the following parts.

- 2 – Side 1 Skin Short (from End Structure)
- 2 – Side 1 Skin Short – Flipped (from End Structure)
- 2 – Side 2 Skin
- 2 – Side 2 Skin Short – Flipped
- 12 – Single Post
- 4 – Diagonal Support – Right
- 4 – Diagonal Support – Left
- 6 – Door Frame
- 2 – Side 2 Window Frame
- 2 – Side 4 Window Frame
- 1 – Side 4 Grill
- 2 – Small Window Frame

The Side 2 Skins are glued to the outside sides of the crawler platform. They should be centered on the platform. The Side 2 Skin Short – Flipped pieces are then glued to the inside of the Side 2 Skins. Note that at this point it is good to have a pair of truck arms printed to help aid in cutting the sides of these skins to length and at the correct angle.

The Side 1 Skin Short and the Flipped versions are glued together to form two pieces that are glued parallel to the short sides inside the center section. Use the Structure Top Frames as guides. Note: Some of these skins may need to be shortened up by removing a small amount of material from the outside posts.

Make four diagonal support structures by gluing the left and right sides together. These form an “X” that meets in the center of the structure. Use the Structure Top Frames as guides.

The side walls are made from 0.03” styrene sheeting. What I did was pencil in lines where the walls are to be placed. Some of the walls have windows and doors. Cut the walls to length and then cut out window and door holes before gluing in the frames to tidy up the holes. The walls are then glued in place followed by the various supports.