

Square Glass Firing Kilns

Disassembly & Assembly of Lid Lift & Firing Chamber



Lid Lift Assist

The lid lift assist will need to be dismantled from the kiln and the firing chamber unbolted from the kiln frame to move a square Olympic glass firing kiln through an opening smaller than the kiln.

Kiln Frame

Step 1



Remove Lid Lift Arm. This is a 2 person job. Have 1 individual lift the kiln lid straight up and the other person remove the ring lock from lid arm. The individual lifting the lid will feel the weight of the kiln lid once the spring is no longer attached. Slowly lower lid to the closed position.



STEP 2

Remove cotter pin from one side of the stiffening rod. Slide stiffening rod out of holes. Lid Lift arm will be unattached in back.



STEP 3



Remove cotter pin from one side of the bolt on the front of Lid Lift arm. Slide bolt out of holes. Lid Lift arm will be unattached in front and can be removed from the kiln.



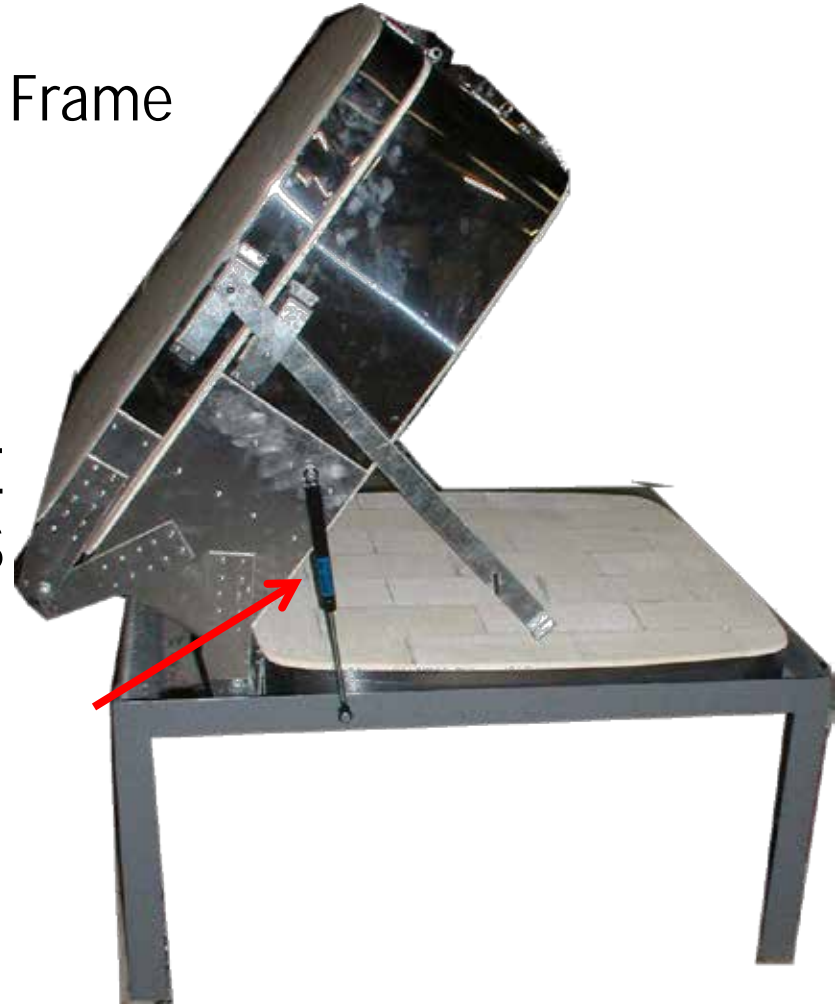
STEP 4

Removal of Firing Chamber from Frame

- Remove gas strut when kiln is opened

IMPORTANT –

THE KILN CHAMBER MUST BE OPENED WHEN GAS STRUT IS REMOVED.



STEP 5

Remove bolts on back of the kiln with the kiln chamber closed. The kiln floor will remain attached to the kiln frame.

Kiln lid and chamber can be lifted and turned on its side to move through opening.



To Put Back Together

STEP 1

Attach kiln chamber and lid to the kiln frame and floor. Insert bolts and secure.



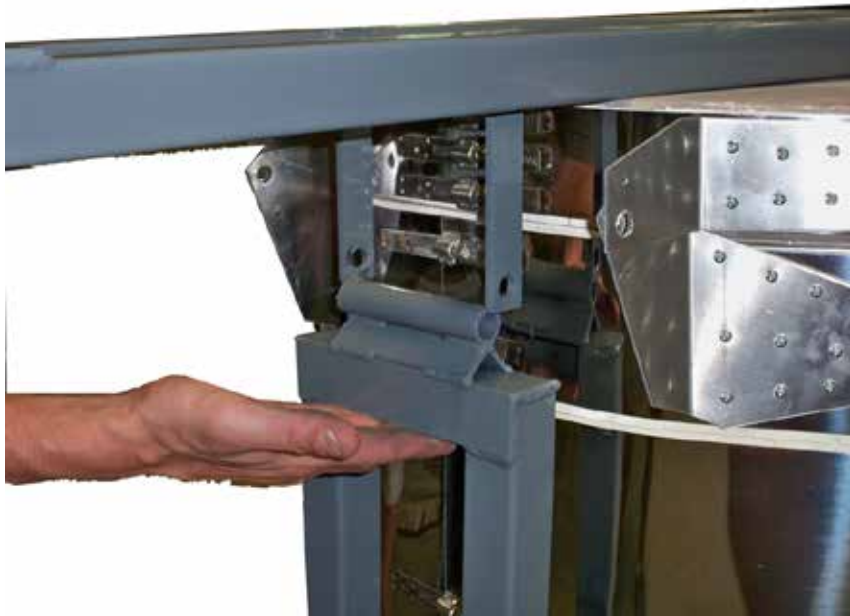
STEP 2

- Open kiln firing chamber and attach gas strut.

IMPORTANT –

THE KILN CHAMBER MUST BE OPENED WHEN GAS STRUT IS ATTACHED.





STEP 3

Place Lid Lift arm on top of the kiln lid. Position holes in Lid Lift arm and frame. Insert stiffening rod through holes and attach cotter pin.





STEP 4

Slide bolt through holes on the front of Lid Lift arm. Attach cotter pin.



Step 5



Have 1 individual lift the kiln lid straight up and the other person attach the spring with ring lock to lid arm. The kiln will be assembled and ready to fire.

