

# ASSEMBLY INSTRUCTIONS FOR CUBES

January 2013

The Cubes are a very versatile shelving solution for both businesses and residential applications. The cubes are essentially panels of glass that are held together by brackets, nuts and bolts. They can be constructed into any configuration. An optional lockable door is also available.

## ASSEMBLY

It is suggested that, in general, this cabinet be assembled horizontally on the floor.

It can be easier to clean the glass before the cabinet is assembled.

The following series of pictures should give you enough idea for you to be able to construct your own cube or set of cubes.

The package contains all the parts necessary for its assembly including tools. The tools required are only two: a spanner, and an allen key (Photo 1). Both are supplied in the package. Although the spanner is perfectly adequate, if you have a socket set you may find it easier to use a 10mm socket as shown in Photo 1 (not supplied).



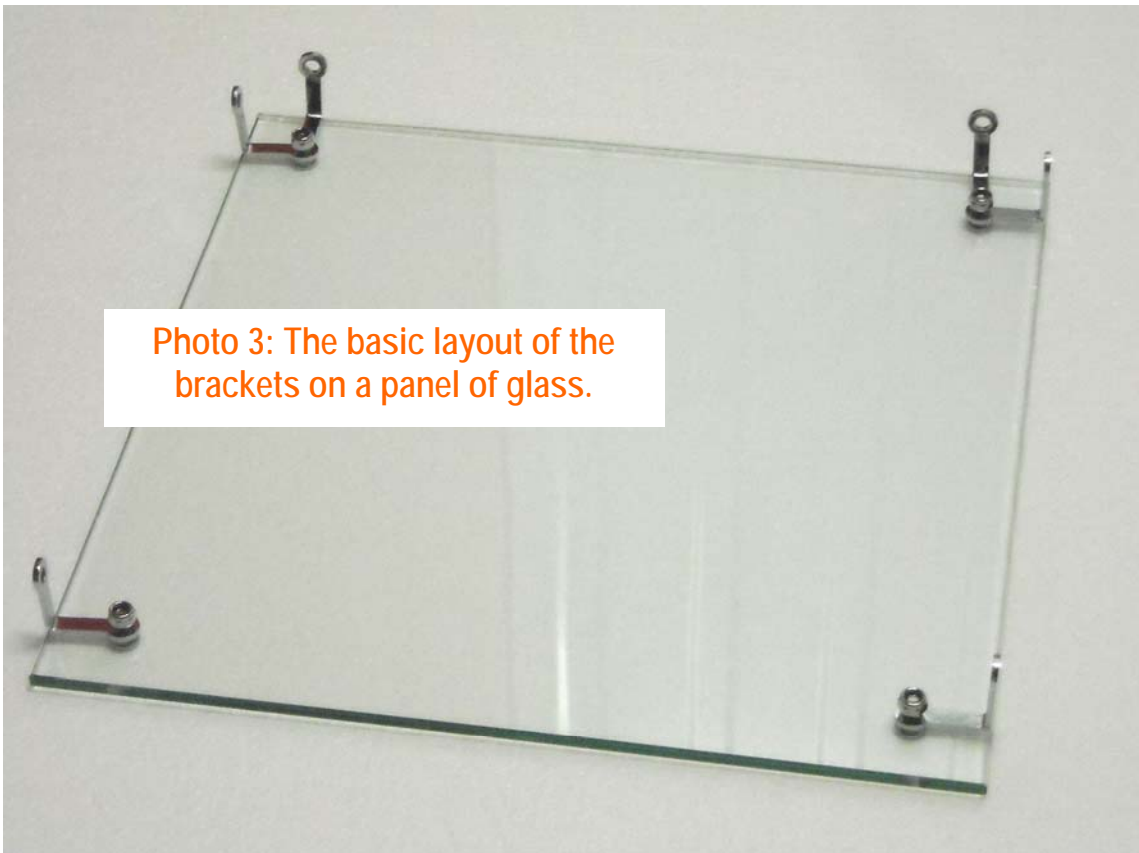
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Photo 2: The cubes are held together by two- and three-hole brackets, and nuts and bolts.



Photo 3: The basic layout of the brackets on a panel of glass.



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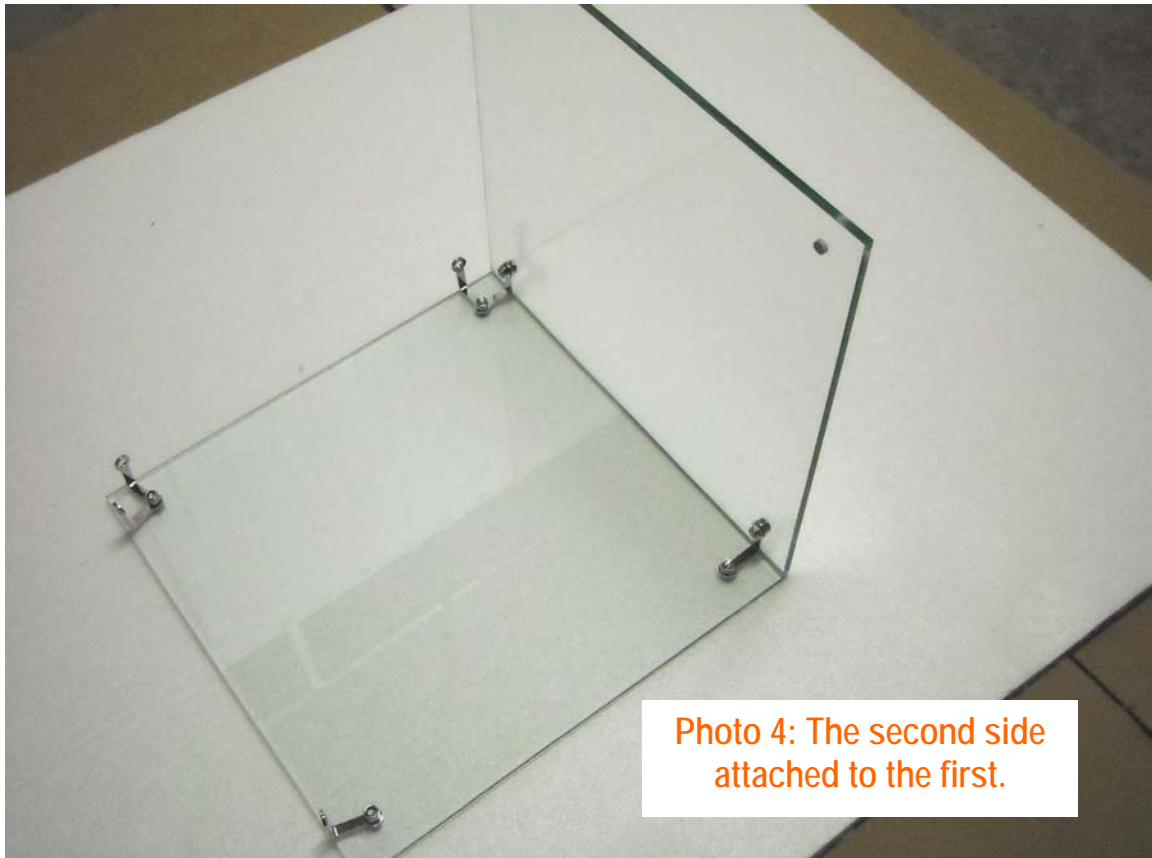


Photo 4: The second side attached to the first.

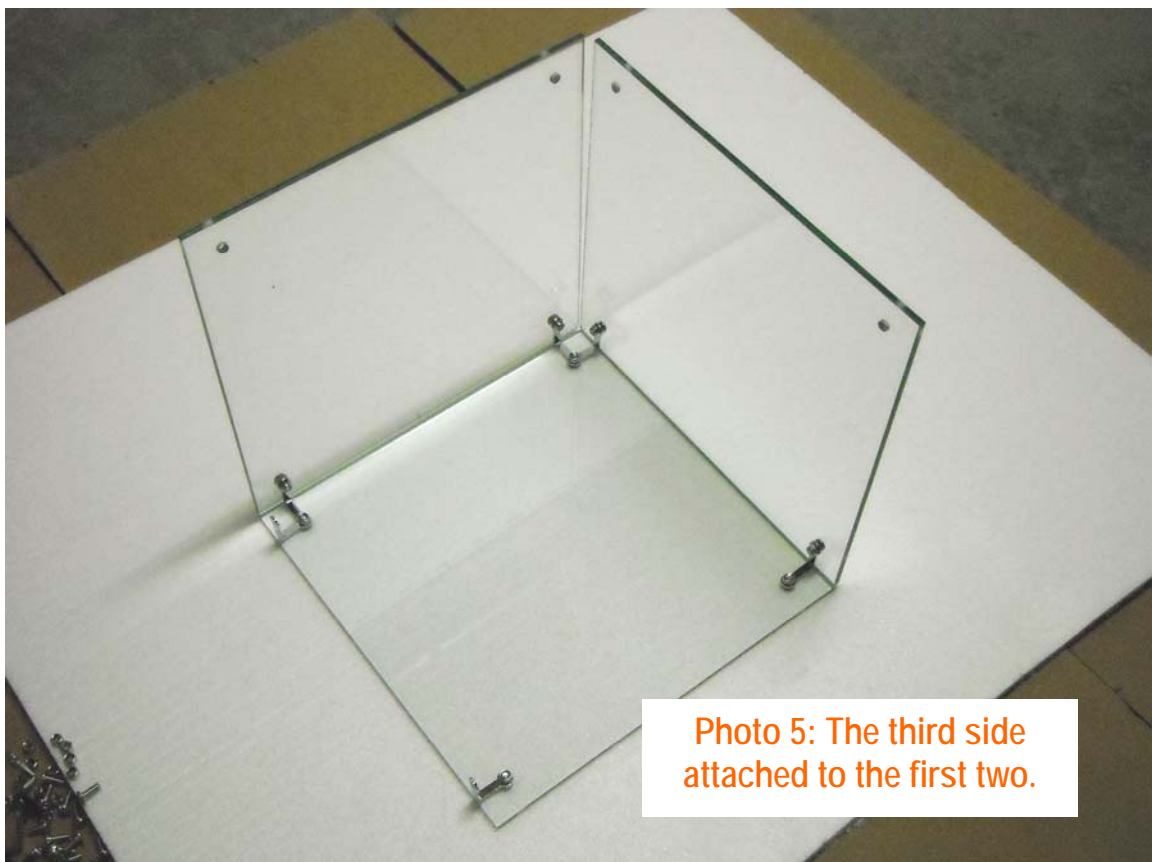


Photo 5: The third side attached to the first two.



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Photo 6: The second cube requires a second bracket on the other side of the glass, held with a single nut and bolt through a single panel of glass.

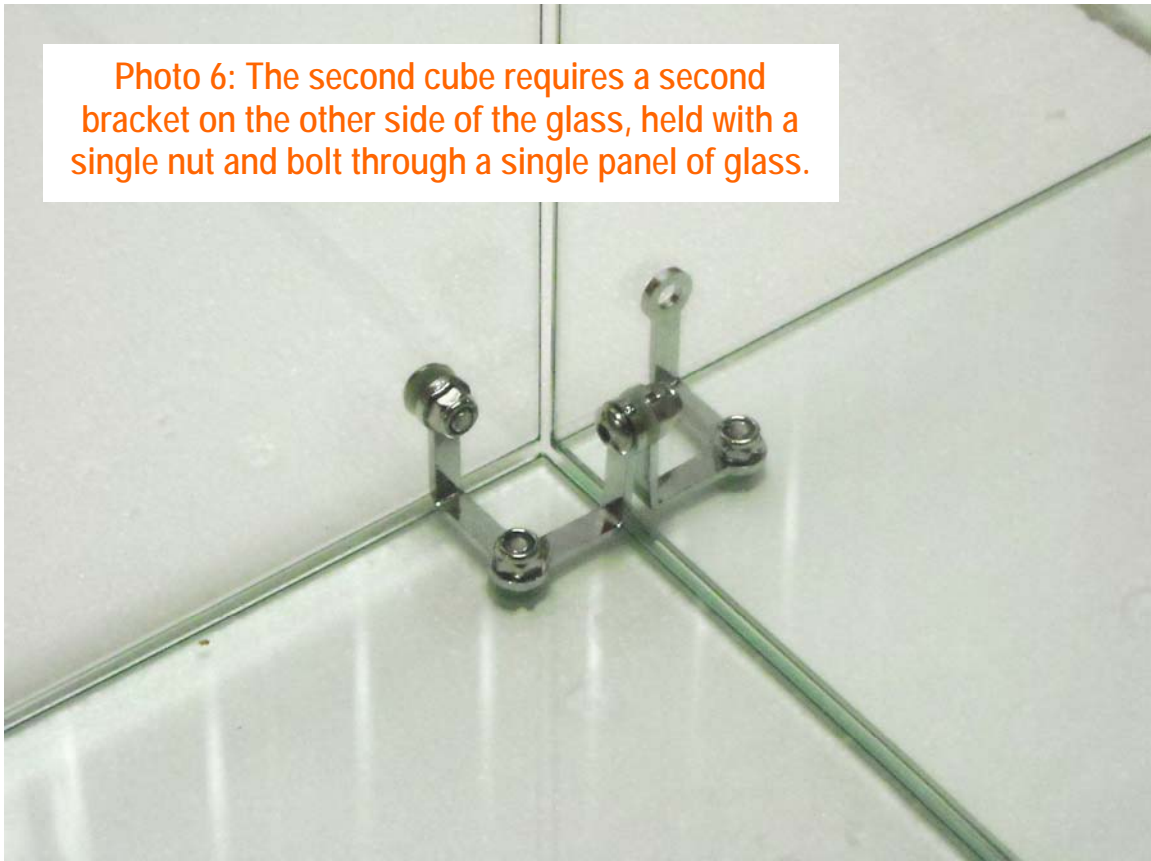
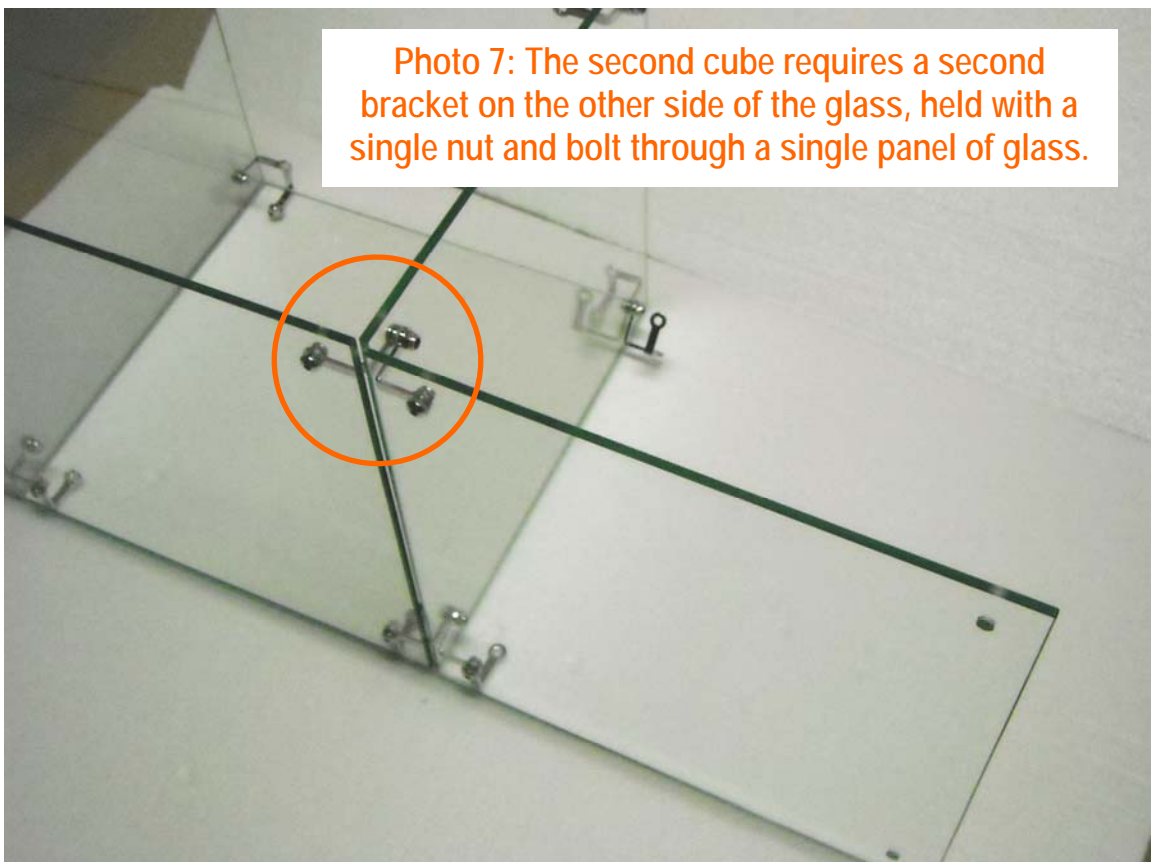


Photo 7: The second cube requires a second bracket on the other side of the glass, held with a single nut and bolt through a single panel of glass.



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Photo 8: Three cubes joined together.

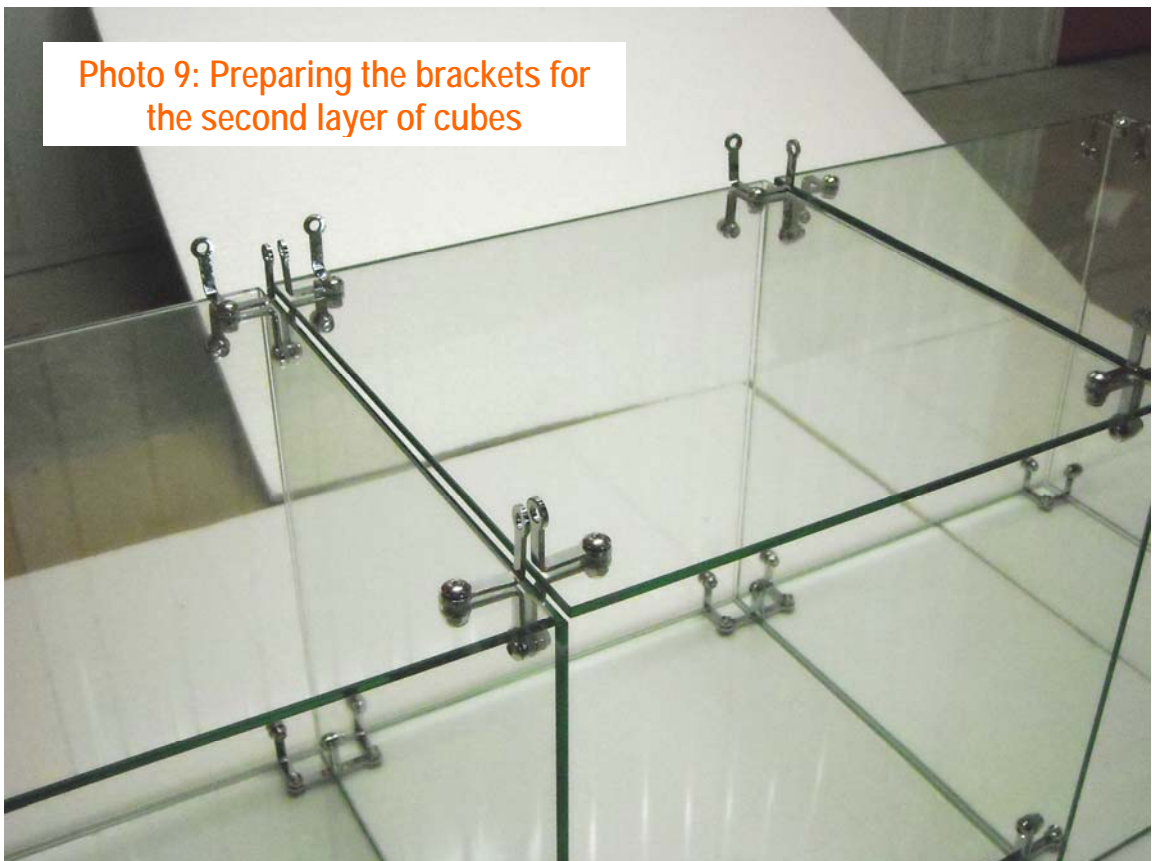


Photo 9: Preparing the brackets for the second layer of cubes



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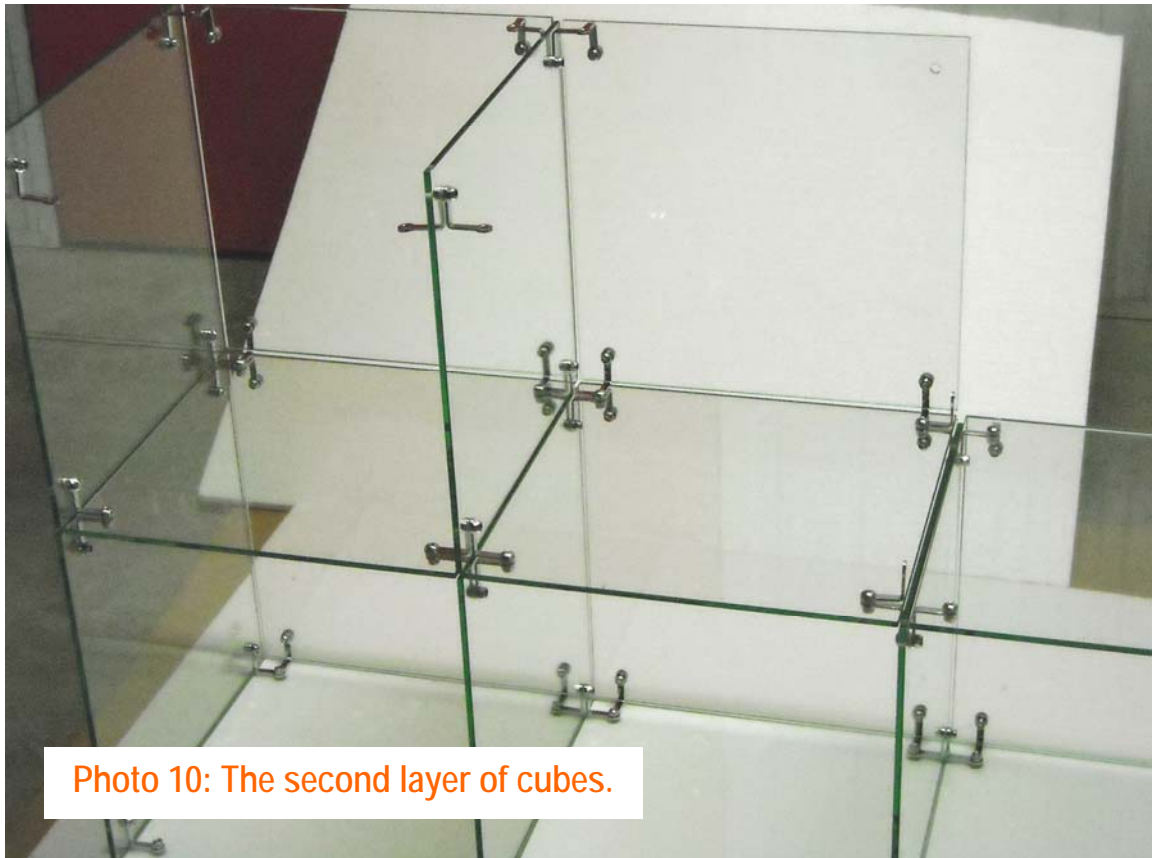


Photo 10: The second layer of cubes.

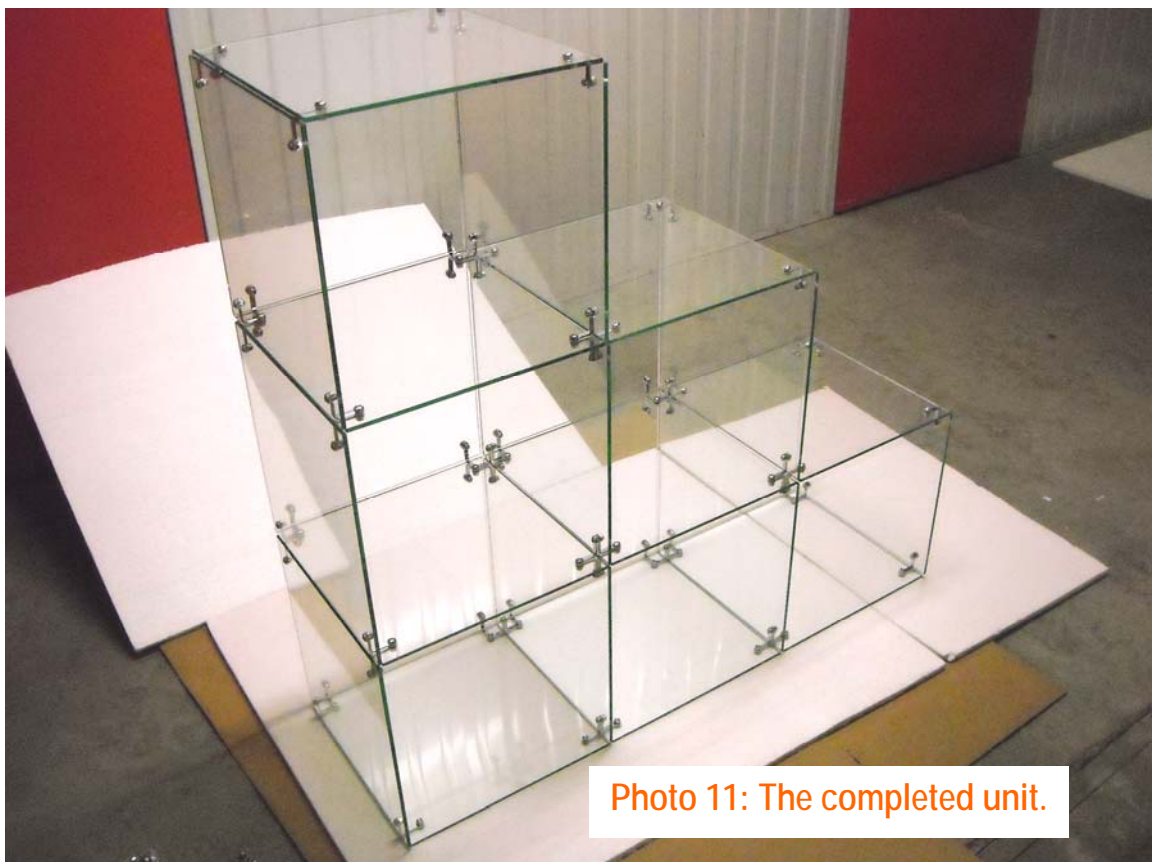


Photo 11: The completed unit.



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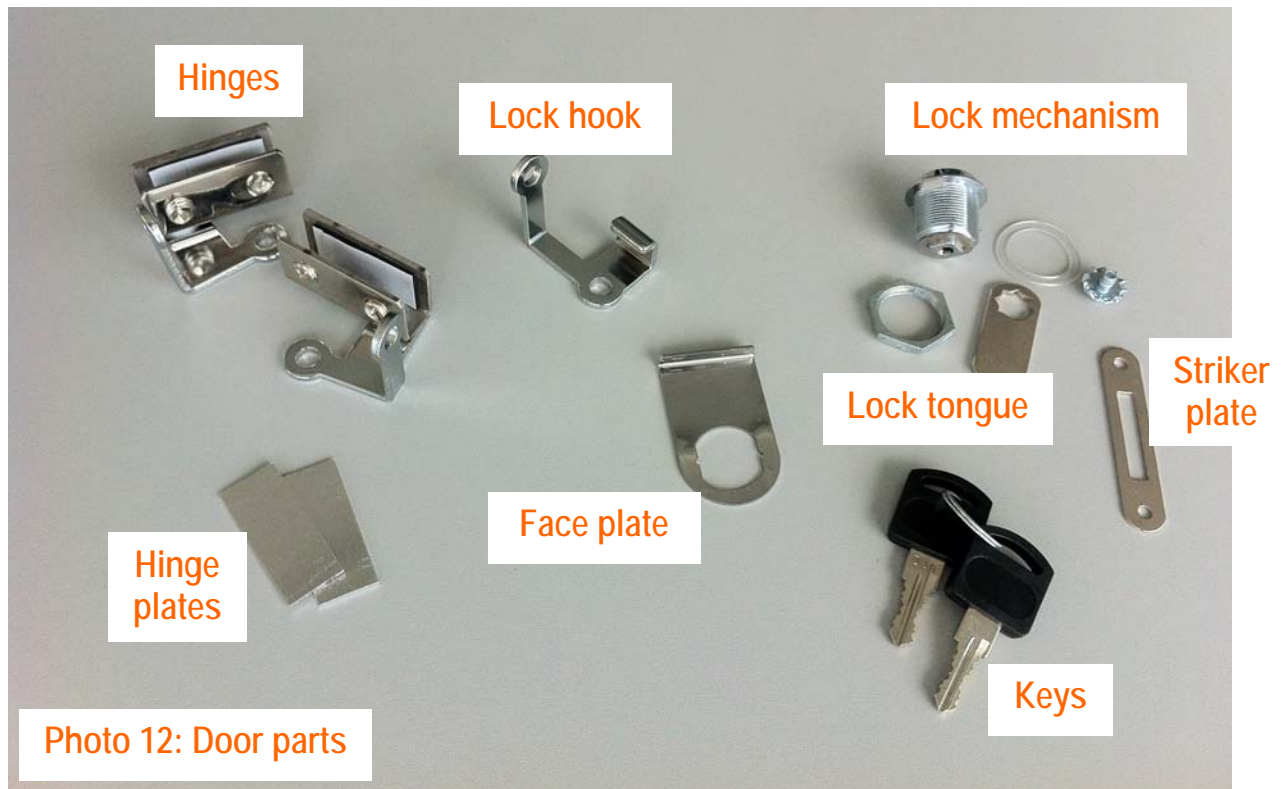
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## CUBE DOORS

If you bought one or more cube doors, there are some extra steps to go through. Photo 12 shows the parts you will have received with the door.

NOTE: Some of these parts replace the parts that came for the cube itself, so you will have some parts left over.

NOTE: The Striker plate is not used. It is only used when the door is being fitted to a wooden frame, which is never when used with the glass cubes.



1. It is suggested you fit the lock first. Photos 13 and 14 show the basic assembly of the lock mechanism. In Photo 13, the plastic ring goes around the lock barrel, then the barrel gets pushed through the large hole in the glass. On the other side (Photo 14), the Face Plate is placed over the lock barrel, then the large nut screws the barrel and Face Plate into place. Finger tight is usually sufficient. The Face Plate is necessary in order to ensure the lock barrel does not turn when the key is turned.



Photo 13: Door lock

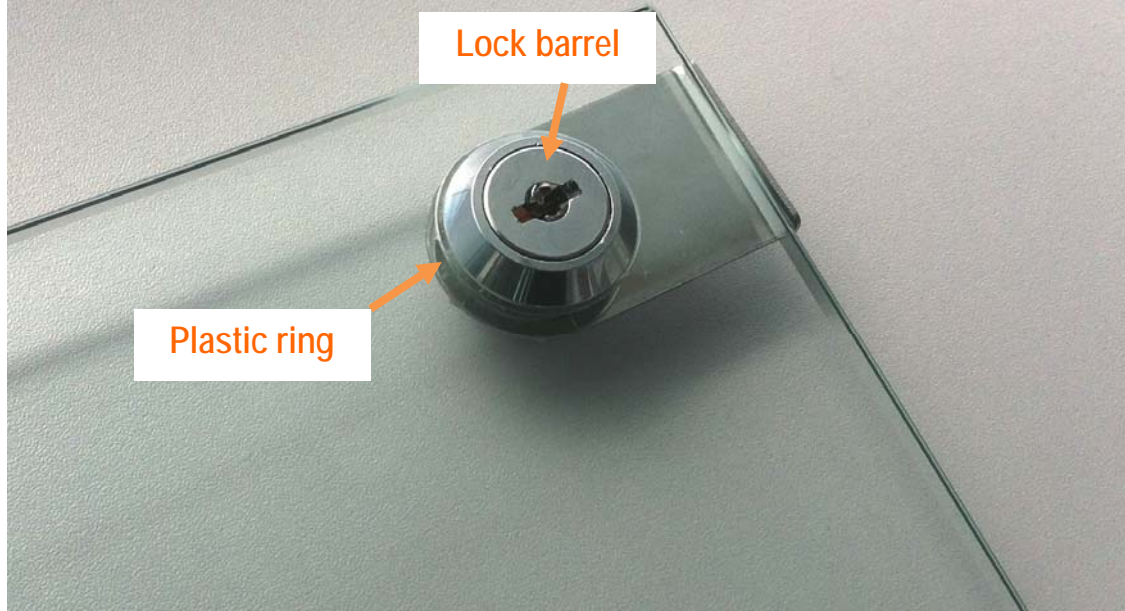
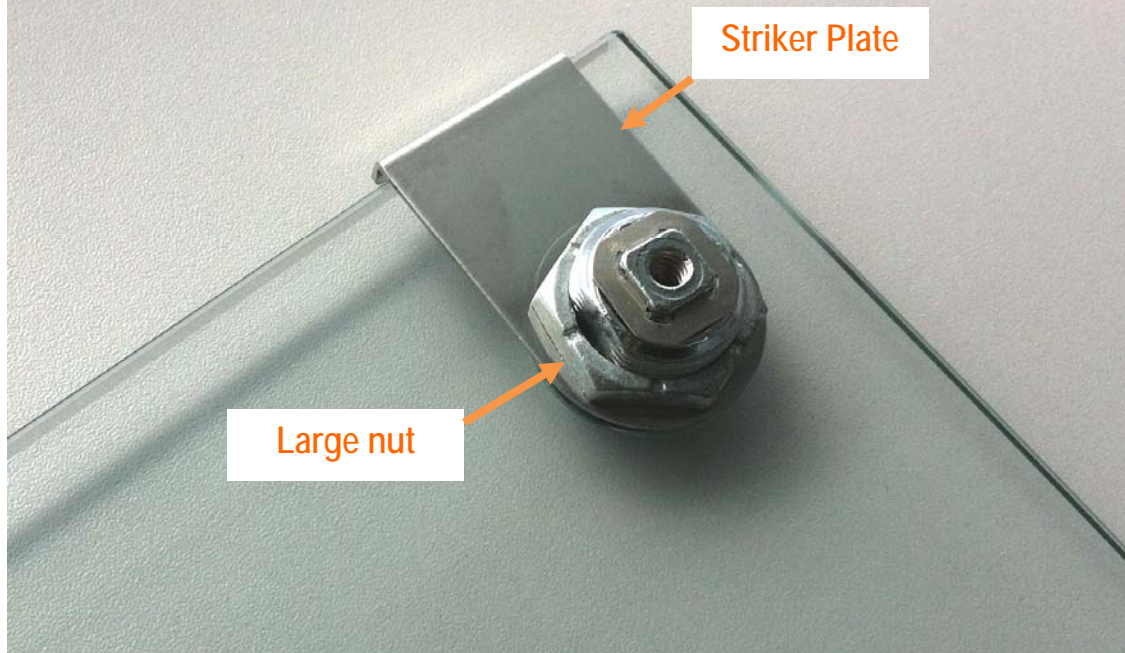


Photo 14: Reverse side of door lock



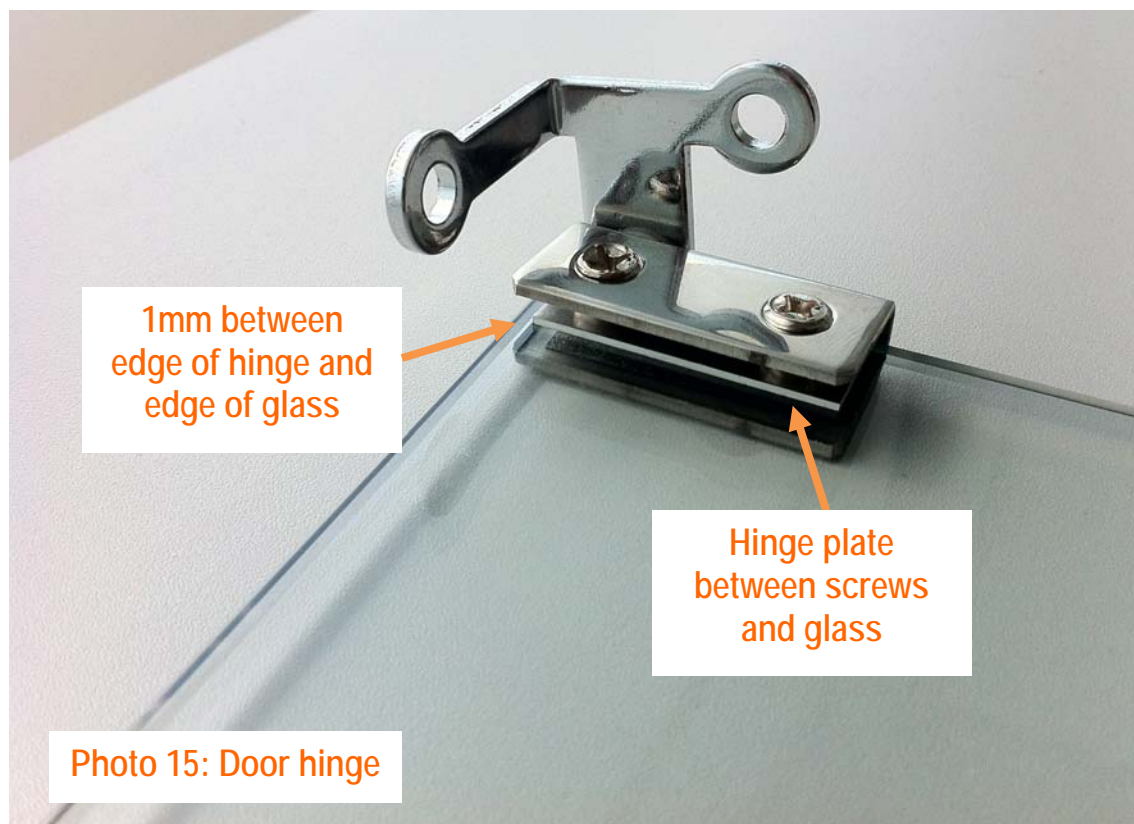
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2. The hinges are fitted as shown in Photos 15 and 16. They are supplied in pairs i.e. you will have two of them, and they face each other as shown in Photo 16.
3. To fit the hinges, peel the wax paper off the sticky foam tape, adhere the hinge at the appropriate corner, place the aluminium Hinge Plate between the hinge screws and the glass, and tighten firmly. It is essential you don't screw directly on to the glass – always ensure the aluminium hinge plate is between the screws and the glass. There should be approximately 1mm between the edge of the hinge and the edge of the glass.

NOTE: Ensure that the hinges are placed in the correct corners relative to where the lock is. Also, ensure that the screws of the hinges are on the same side of the door as the reverse side of the door lock i.e. the front of the hinges should be facing the same way as the front of the lock.



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Photo 16: Door hinges

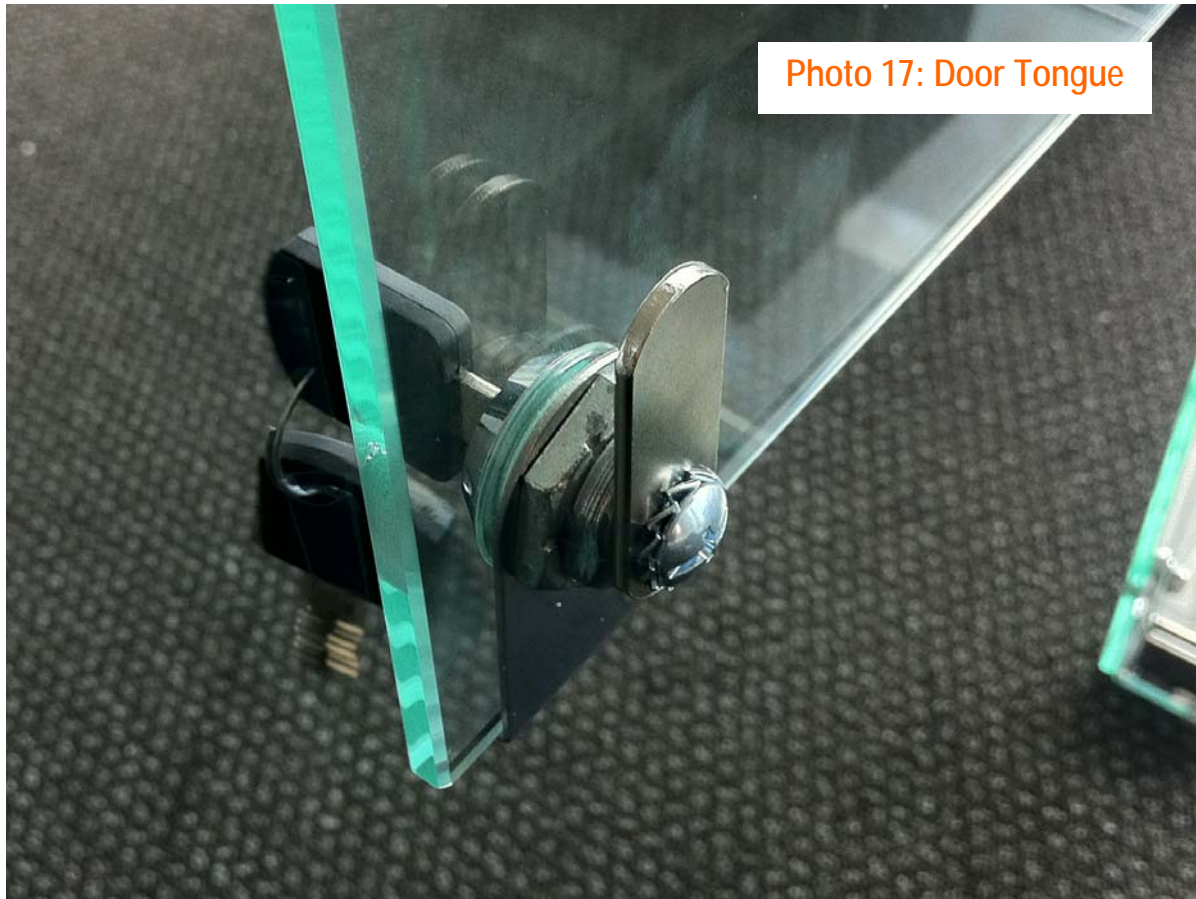


4. Photo 17 shows the completed lock unit, with the Lock Tongue fitted with the small screw holding it in place. The back end of the lock is designed so that the Tongue can be placed in any direction, so manipulate it until it works in the direction you want it to move. You may need to temporarily position the door in the cube and turn the lock with the key to know which way it needs to be placed.



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5. Photo 18 shows a door hinge placed in a cube. In this photo there is another cube beneath this one, but you may or may not have more than one cube. The hinges of the door replaces the ordinary bracket of the cube – these ordinary brackets are now not required. Fit the bracket of the hinge on to the cube in the usual way with nuts and bolts. The only difference is that it has a hinge (and glass door) attached to it. Do the same thing for the corresponding hinge on the other corner of the door.
6. Photo 19 shows the lock hook in position. This is the part that the tongue of the lock will latch around so the door cannot be opened. This modified bracket will replace the ordinary bracket that would usually go in this position if no door was being installed. This ordinary bracket is now not required – in total, three right angled brackets will become surplus to requirements.



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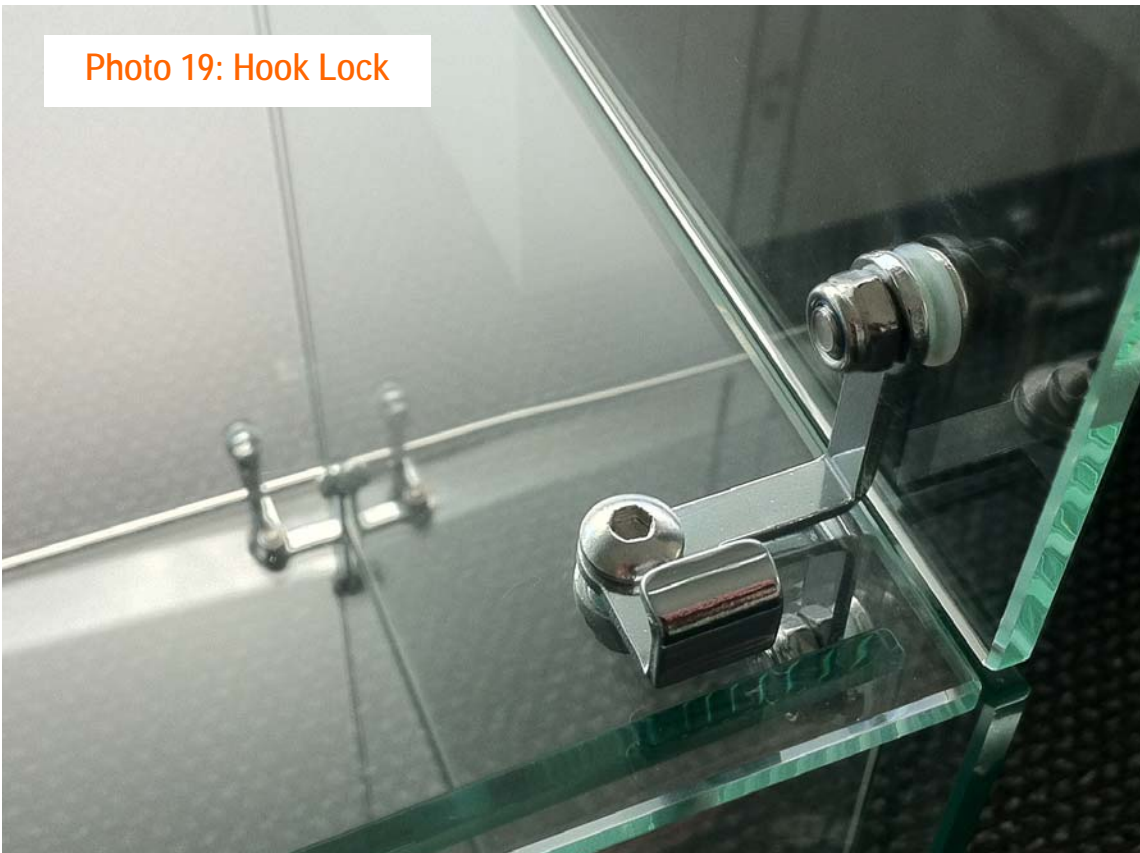
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Photo 18: Door hinges on cube



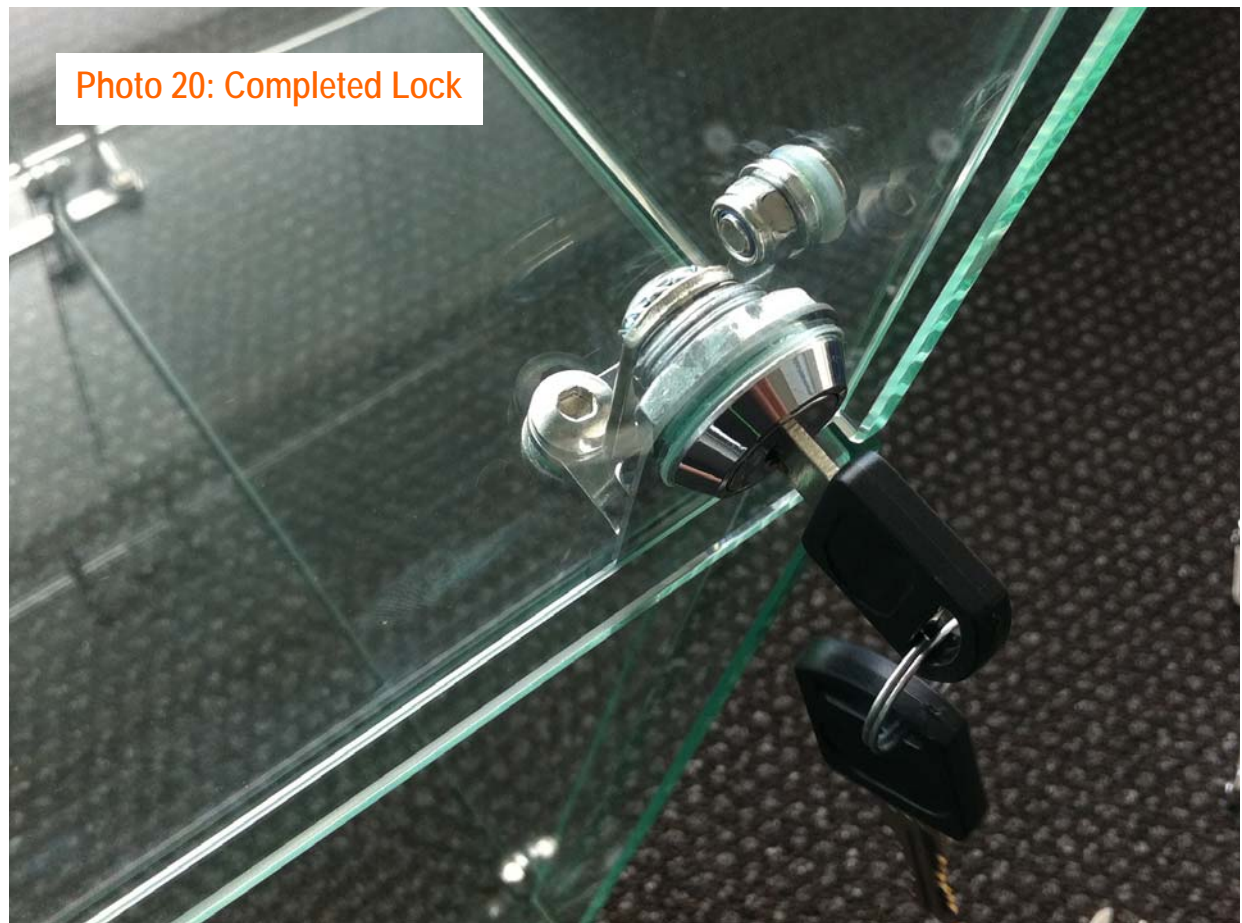
Photo 19: Hook Lock



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7. Photo X shows the lock in its completed and locked position, with the tongue latched around the Lock Hook.



8. Ensure all nuts and bolts are tight.



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