

ASSEMBLY INSTRUCTIONS FOR DL400LS

January 2013

The DL400LS is a square upright frameless glass cabinet with a single swinging door and vertically mounted halogen lights. Its shelves are adjustable up and down the support poles. It is approximately half the height of a full sized cabinet, and it can be either placed on the ground or on a table, making it very versatile. It is a useful cabinet where limited space is available, where only a few things need to be displayed, or where it is desired the cabinet be placed on top of another surface.

The box contains all the parts necessary for its assembly including tools.

ASSEMBLY

Assembly of the DL400LS is by way of brackets, screws (nuts) and bolts.

The cabinet can, for the most part, be assembled upright.

One person can assemble the cabinet, but it can be helpful to have a second person for various tasks.

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

It is intended that the screw heads be placed on the outside of the cabinet, and that the nut go on the inside.

Due to design improvements, the parts diagram supplied by the factory may differ the cabinet you have received.

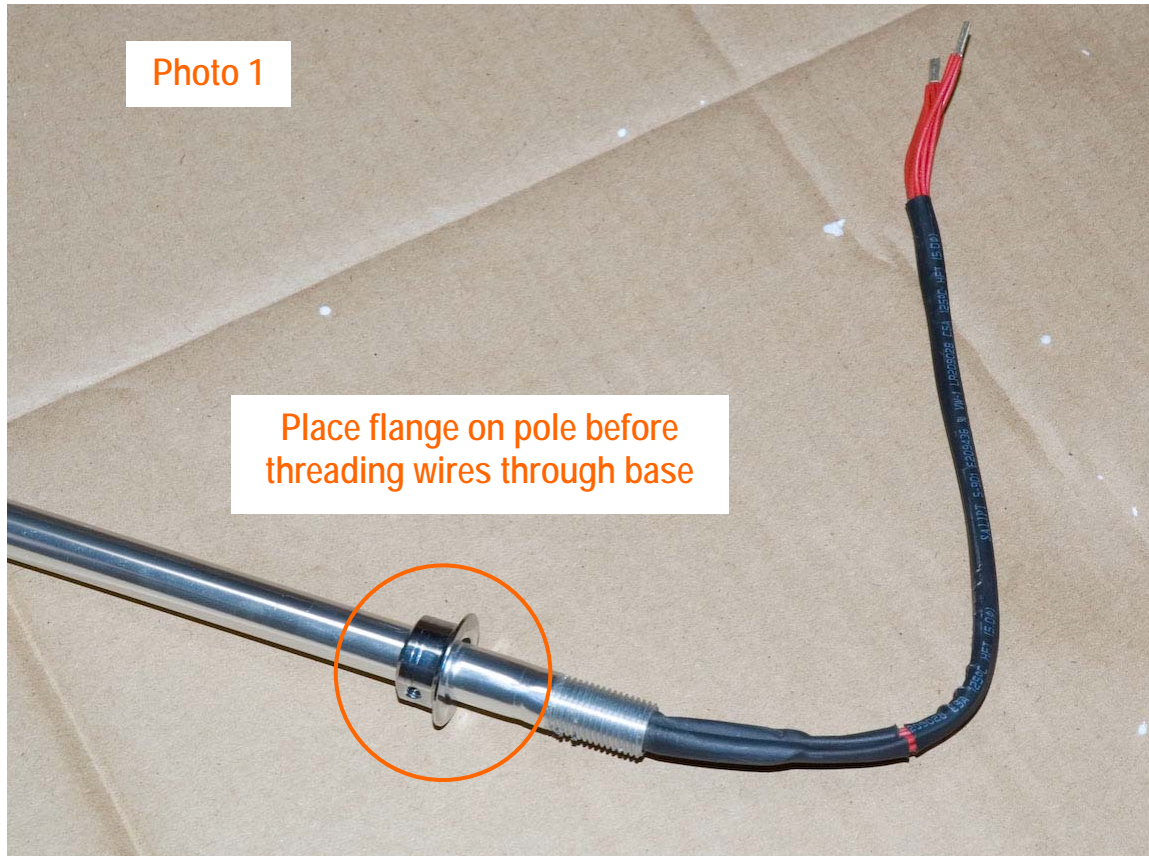
1. After unpacking the boxes, place the base board on the ground. The base is the board with the wiring underneath.
2. The cabinet is essentially held together by the four poles supplied. These poles, in combination with the glass, give the cabinet structural integrity. They also support (carry) the shelves. Two of the four poles are lighting poles (with the light fittings attached), and the other two are plain poles. The shelves are supported by the shelf supports that run up and down all four of these poles.
3. In terms of placement of the poles, the two poles with the lights go diagonally opposite each other. Therefore, the two plain poles also go diagonally opposite each other.



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4. The two lighting poles must be wired into the connector blocks under the base using the small screwdriver supplied. Before doing so, however, ensure a flange (collar) is placed on the lighting pole, as shown in Photo 1. The large nut and washer holds the pole in place under the base (Photo 2) – screw the nut as far as it will go up the thread of the pole. The wiring required is shown in Photo 2.

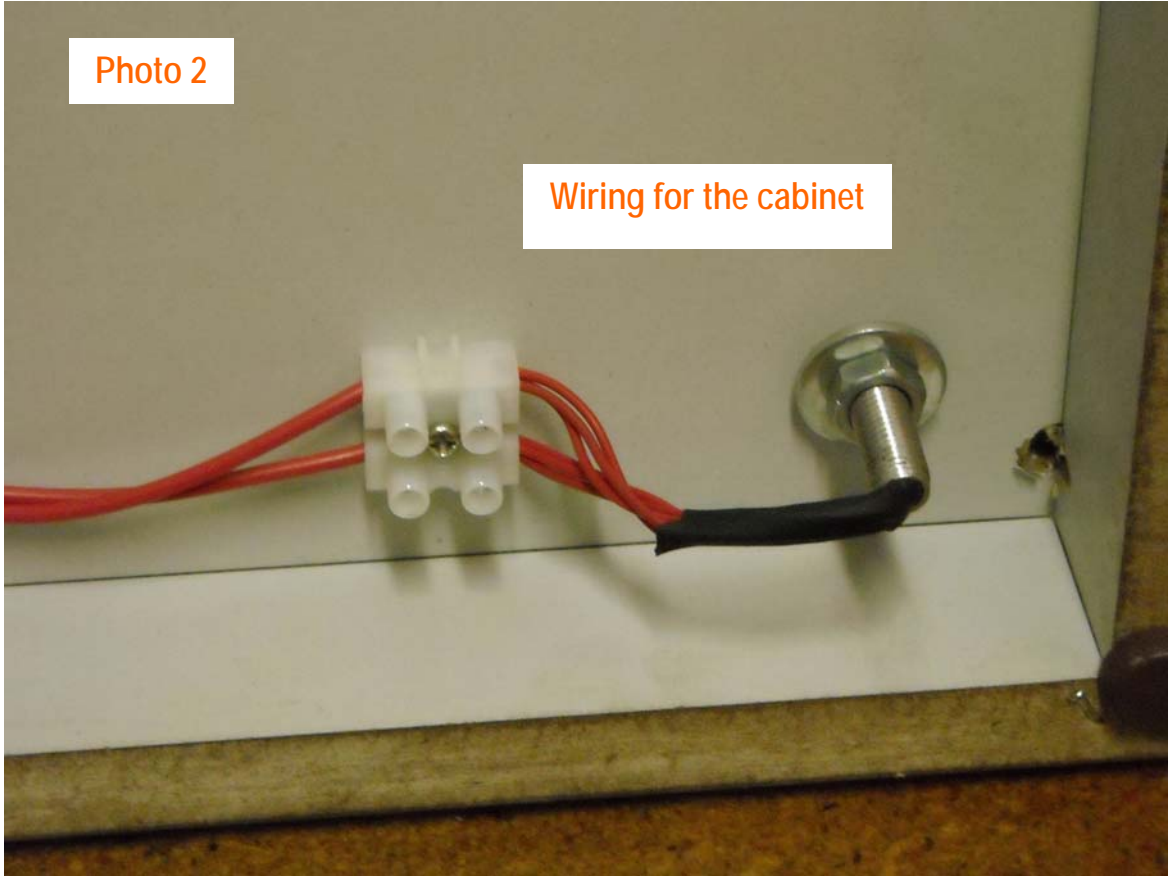


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Photo 2

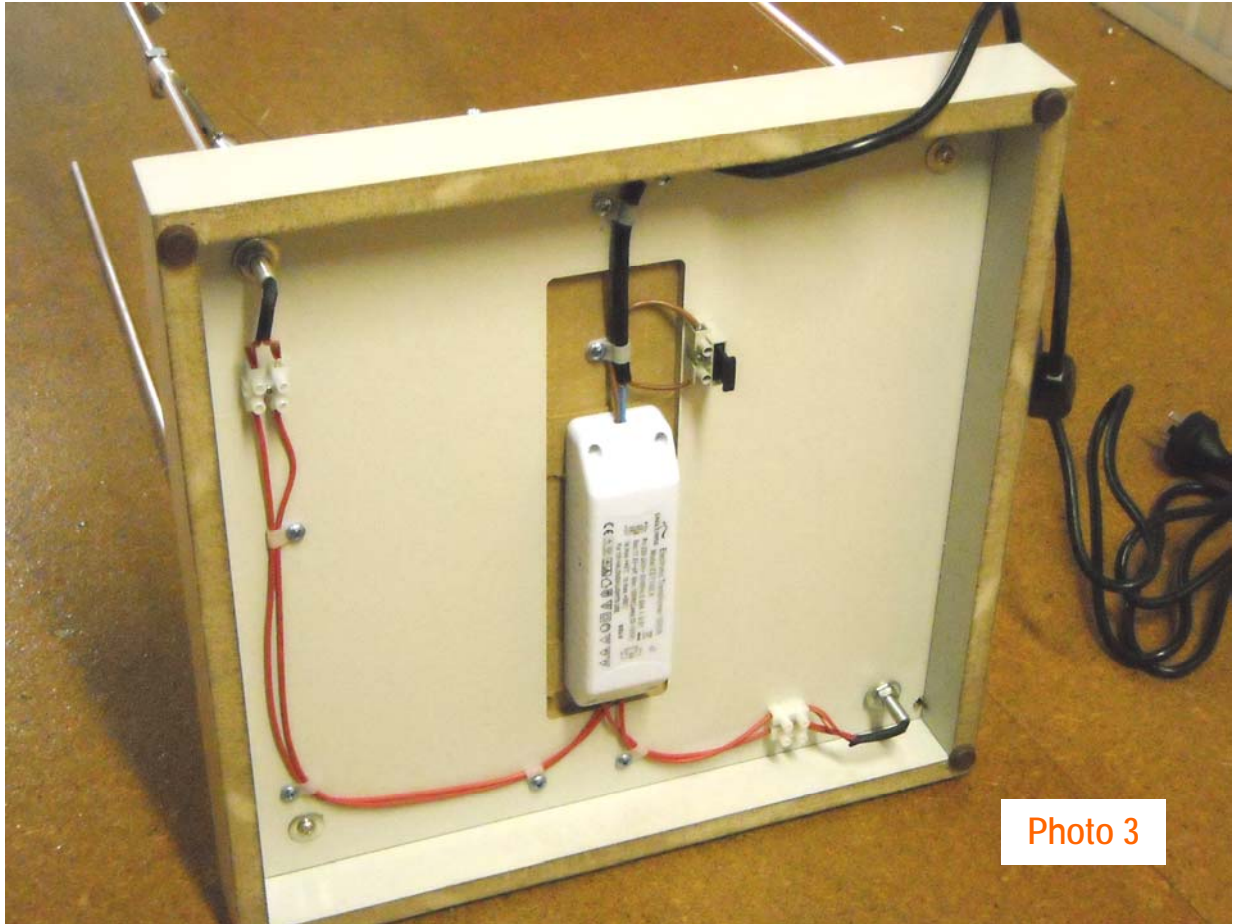
Wiring for the cabinet



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5. The poles with no light fittings can be inserted through the holes in the base in a similar fashion, although no wiring is necessary with these. Hold these poles in place by screwing the supplied large screws into the bottom of the poles as far as they will go. Remember to use a washer. See Photo 3 for how the base looks with all of the poles and wiring inserted.



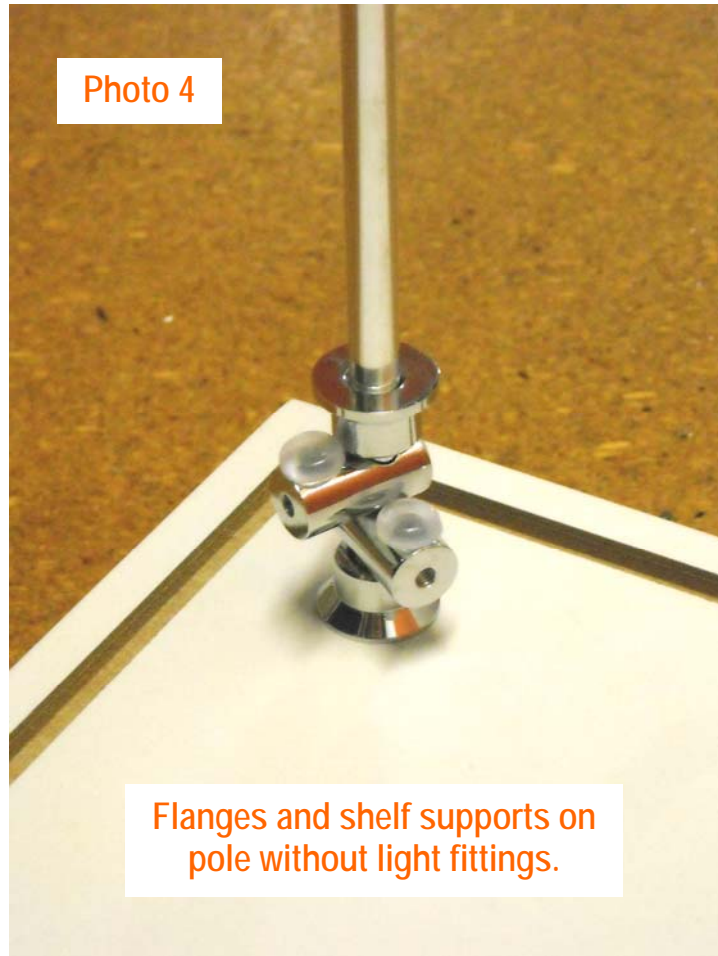
6. Place the cabinet upright on its base. It is useful at this point to place the shelf supports (that will hold the shelves) on the poles without the lights, as shown in Photos 4 and 5. Also place the top flanges on all four poles facing upwards – these are the flanges that will cover the holes in the top board i.e. where the poles will go through the top.



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Photo 4



Flanges and shelf supports on pole without light fittings.

Photo 5



Ensure flanges are also placed at top of lighting poles.



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7. Screw the door stopper into the top board. The door stopper is composed of a screw and a plastic collar, as shown in Photo 6. Place the screw through the plastic collar and screw into the predrilled hole in the front of the top board. The front of the top is where there is no groove for the glass (Photo 7).

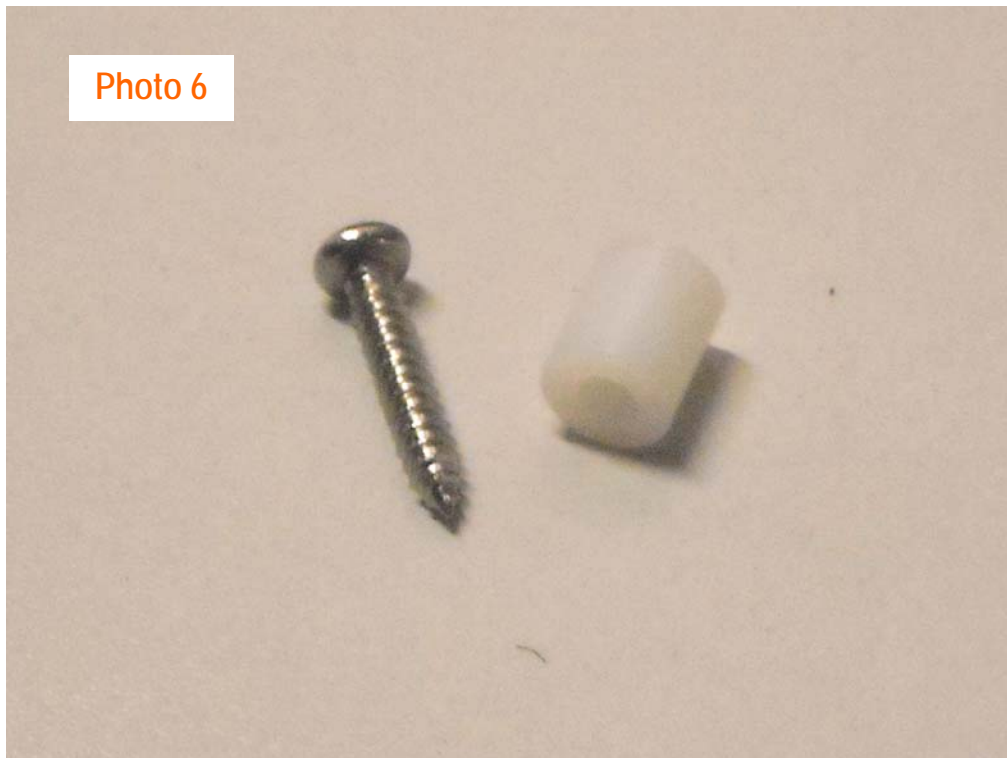


Photo 6

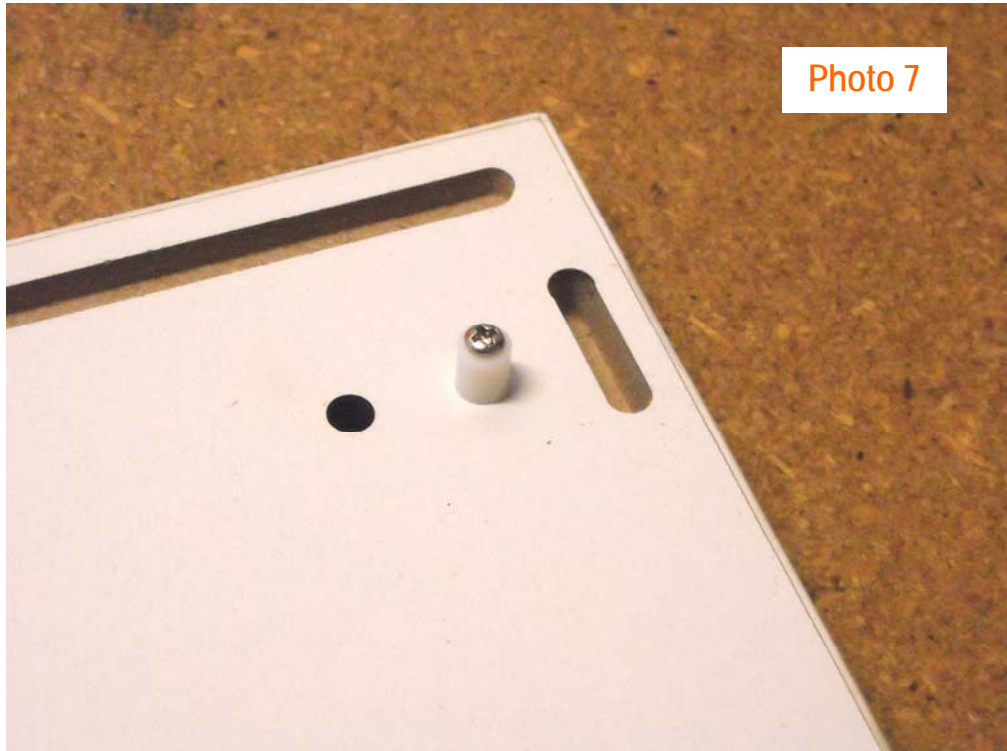


Photo 7



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8. Take the back glass panel (the largest of the glass panels), and place it in the appropriate slot on the base board. You may need a second person to hold it. If no second person is available, lean it against a wall as in Photo 8. The sides go in the side grooves, as shown in Photo 9.



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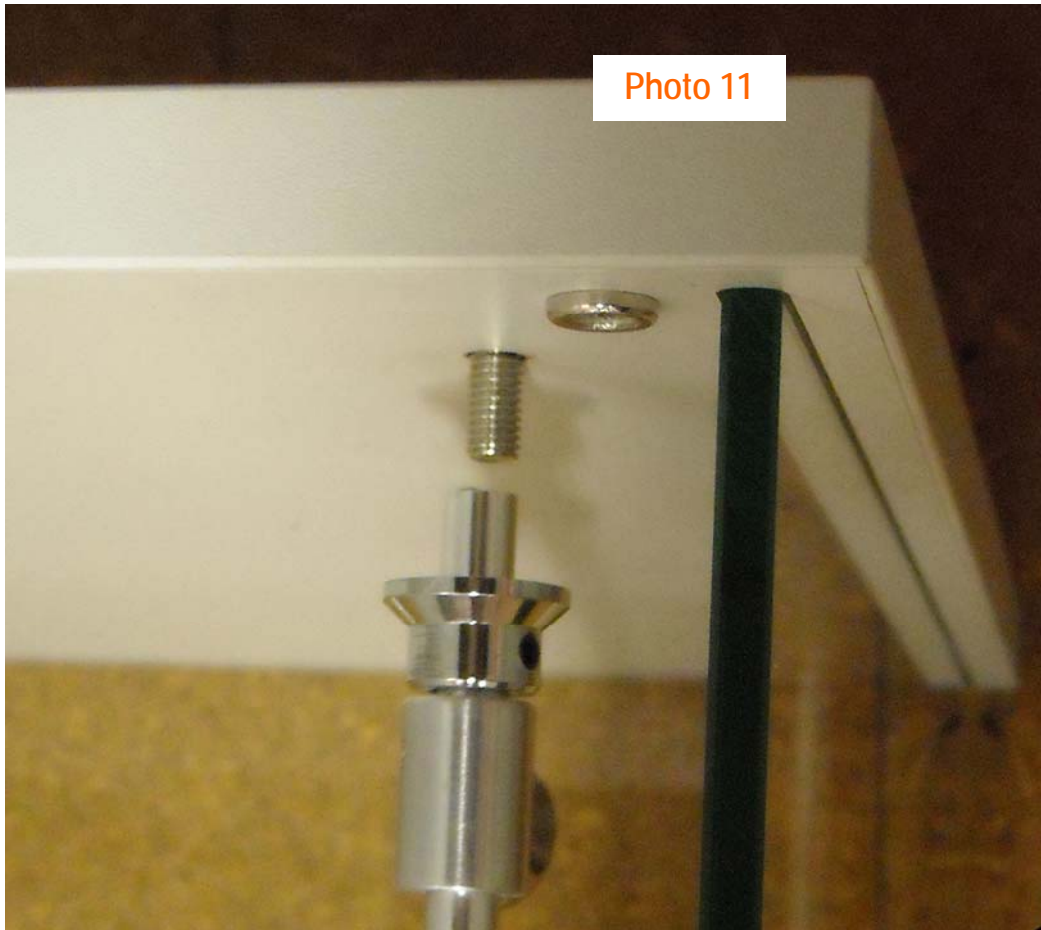
9. Place the top over the cabinet, ensuring the glass panels fit into the appropriate grooves in the top (Photo 10).



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10. Place the remaining screws and washers through the predrilled holes in the top, into the poles underneath (Photo 11). It is vital at this point that you have placed both the shelf supports and the collars on the poles, otherwise you will have to backtrack and put them on later. It is helpful to leave the front top corner screws a little loose at this point so the top can be lifted a little when fitting the door.



11. The shelf supports that will hold the shelves in place can be positioned where you desire them. They are adjustable up and down the poles, but only within the limits of the fixed lights. There is a screw on the inside of the shelf support that tightens against the pole. Use the small allen key for this. The screws may be already placed loosely into the shelf supports, although they may also be in a separate plastic bag (Photo 12). You will need a ruler or similar to ensure all four shelf supports are level.
NOTE: the shelves (and thus shelf supports) can be positioned either north-south or east-west.



The screws for holding the shelf supports in place against the poles may already be in the supports, or they may be in a separate plastic bag.



Photo 12

Tighten them with the small allen key supplied.

12. Put the shelves in place, resting them on the rubber pads in the shelf supports (Photo 13).



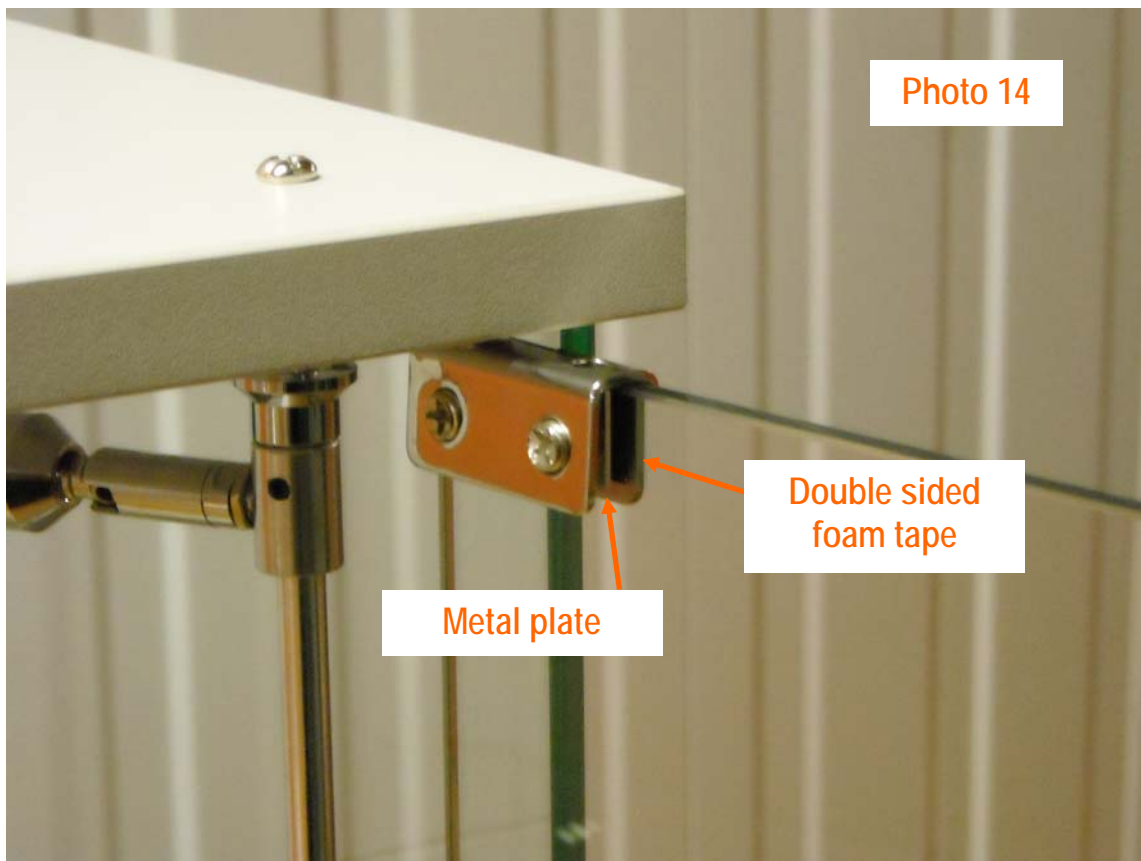
Photo 13



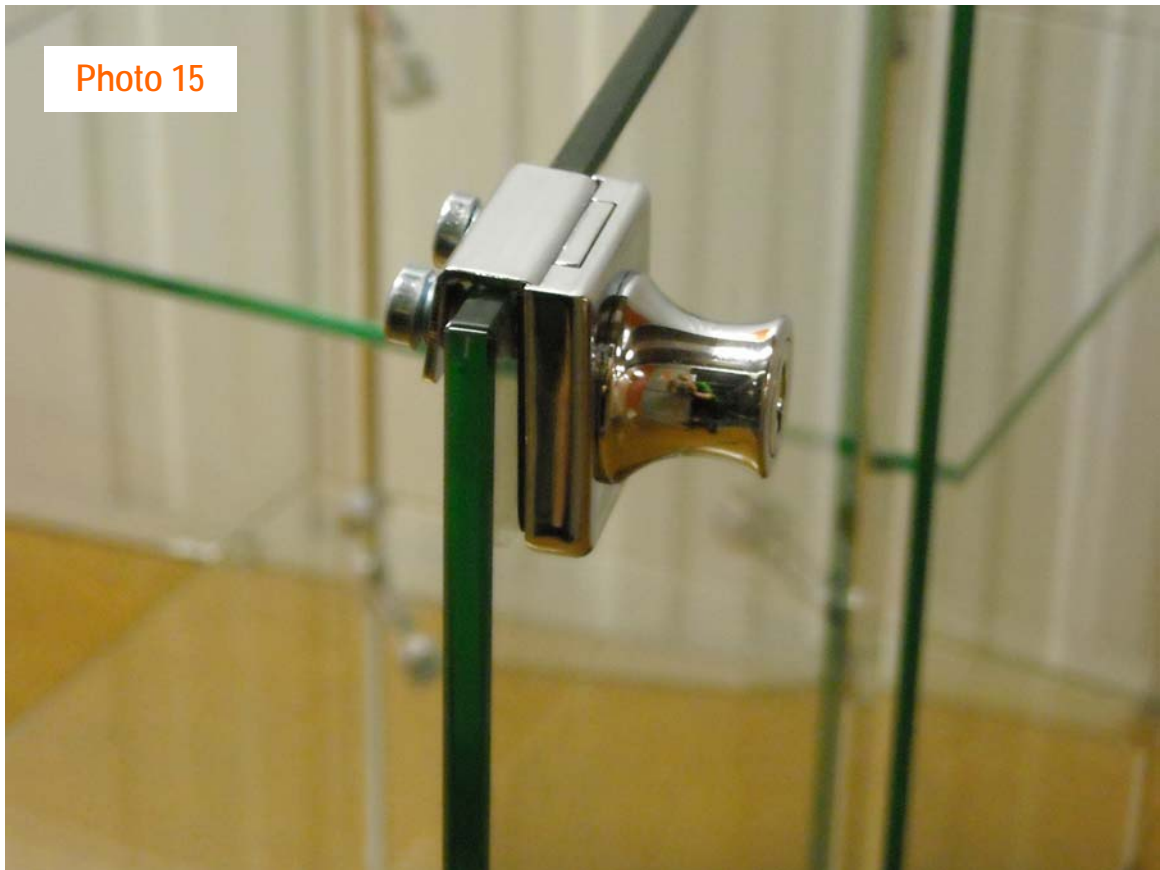
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13. The last task is to fit the door. The door is the smallest of the large panels of glass, and should be the only panel you have remaining. The hinges supplied have two screws on one side, and double sided adhesive foam on the other side. The screws are designed to face the back of the cabinet once the doors are in place, so they must be fitted in pairs to achieve this effect. It is not advisable to have the screws facing outwards, where they can be seen.
14. Ensure the door glass is clean. Remove the yellow (or white) waxed paper from the adhesive foam which is already in place on the inside of the hinge. Place the hinge on a corner of the door, and allow the adhesive foam to hold it in place. The door and hinges are designed to have approximately 1mm margin between the edge of the hinge and the edge of the door.
15. Place one of the supplied pieces of flat metal between the screws on the other side of the hinge and the glass, such that the screws do not touch the glass. Gently tighten the screws in tandem until they hold the hinge in place. Ensure the two screws are very firm, but do not overtighten. **IN NO CIRCUMSTANCES SHOULD THE SCREWS MAKE DIRECT CONTACT WITH THE GLASS.** For the finished hinge, see Photo 14.



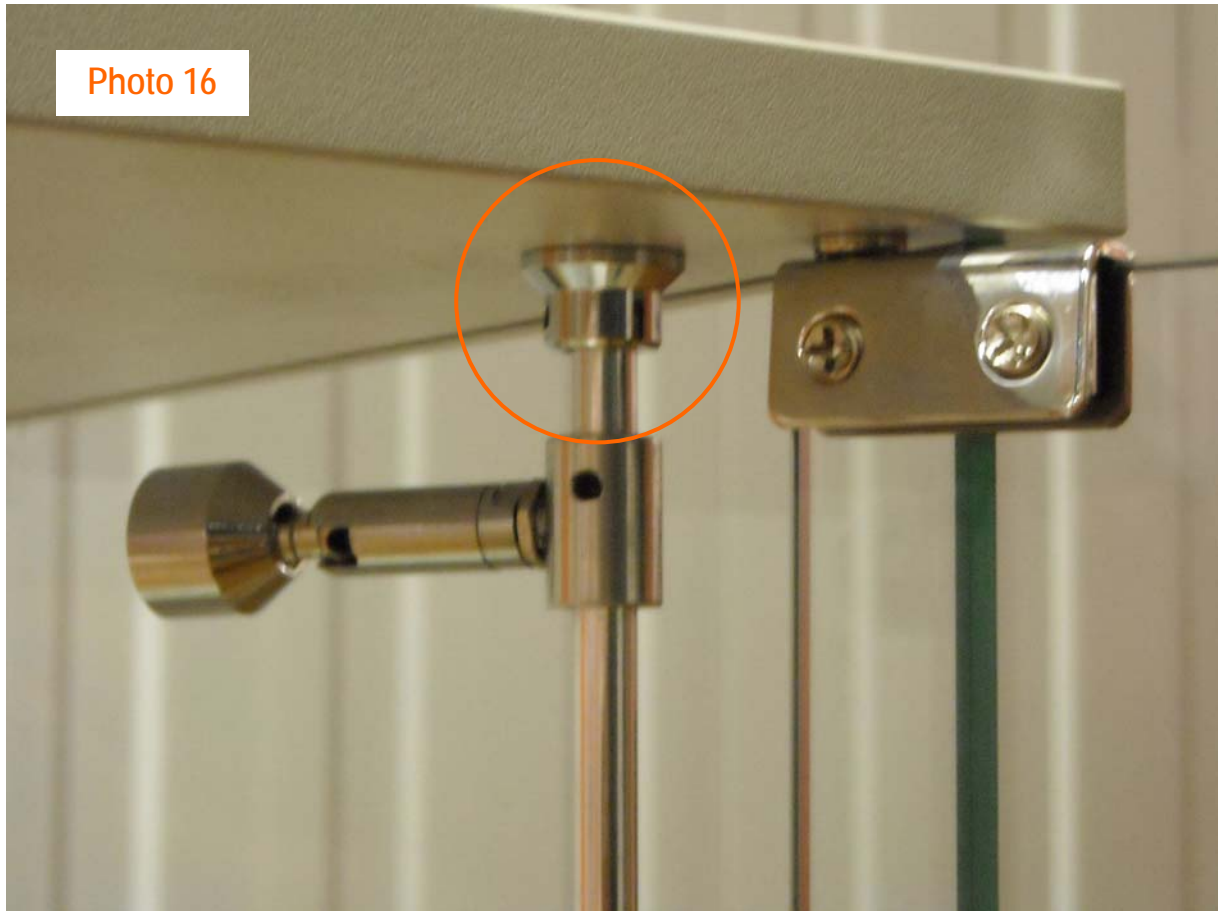
16. Repeat this process for the other hinge, ensuring the hinge is placed as a pair with the screws facing the same way.
17. Place the door, with the hinges attached, in the relevant hole in the base, and lift the top until you can put the door into the hole in the top.
18. Finally, place the lock in the appropriate position on the door, and tighten with the supplied screwdriver (Photo 15).



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19. Place the top pole collars against the inside top of the cabinet and tighten the small screws using the small allen key supplied (Photo 16)



20. Ensure all nuts and bolts are tightened, by using the supplied tools.

21. The completed cabinet should look like that in Photo 17.



Photo 17



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