Z5 Modular Assembly Display Case System

An easy step-by-step guide to building a Z5 Modular Case
Includes list of parts and maintenance instructions
Instructions for the Z5 Modular Assembly Display Cases System

Thank you for choosing the Z5 Modular Assembly Display Cases System. If you have any questions about this system or any other Zone Display Cases products, please contact us at (877)-841-4004 or visit www.zonedisplaycases.com. Our sales representatives can assist you quickly with any issues regarding assembly, maintenance, or missing parts.

Carefully go through the list of supplied parts and accessories to see whether anything is missing or damaged before beginning assembly. If you find anything missing or damaged, please contact us at the number listed above. Optional features are also available on the Z5 Modular Display Case, such as lighting, shelving, mdf panels, cosmetic trims, and connector kits for multiple case assembly. Please contact us for more information.

Required tools:

- 1 screwdriver (flat head)
- 1 level (12” or longer)
- 1 or 2 suction cups AND/OR
- 1 roll of 2” duct tape
- 1 Styrofoam board (approx. 8” X 8” X 1” thick)
- 1 Allen key (3/16mm)

Note: Carefully check whether you have all of the hardware listed below.

LIST OF PARTS:

1 X base platform
1 X top frame with glass panel
3 X glass panels
1 X glass door
1 X top magnetic door trim
1 X bottom magnetic door trim
3 X top magnetic trims
3 X bottom magnetic trims

18 X safety brackets
18 X button head screws
1 X display deck

SHELVING KIT PARTS (OPTIONNAL)

1 X glass shelf
4 X adjustable shelf supports
4 X threaded vertical rods
2 X horizontal rods
Z5 Modular Display Cases – Step-by-Step Assembly Guide

**Step 1:** Place the base platform on a flat surface. Each corner of the steel platform has a small black cap, which must be removed to access the top screw of the levelling feet and put back once each foot has been levelled to keep the exhibit chamber airtight. Using a level and a screwdriver, adjust the 4 levelling feet until all pads are touching the floor and the platform is perfectly level.

**Step 2:** Facing the front of the base platform (the side with the door hinge) use a suction cup and install the first glass panel onto the left-hand side of the hinge, making sure that the seal on the glass is on the back side and not the front. Sit the metal panel trim on the bent flaps located on the base. Align the panel until you can see and access the holes in the base structure. Have a second person hold the panel in place.
Step 3: Using an Allen key, a button head screw, and a safety bracket, secure the glass panel at the base as shown on the picture. Repeat this step for the 2 other holes located on the base.

Step 4: While someone is still holding the first panel in place, pick up the second panel and repeat steps 2 and 3. Once the second panel is secured at its base, use adjustable suction cups (as shown on picture) or a few strips of duct tape to hold both panels together, at a 90 degree angle. At this point the panels should stand by themselves but we recommend having someone hold them for safety purposes.
Step 5: Pick up the top frame, which should already have its glass top panel fastened to it, and place it on top of the current 2 panels. Make sure you align both hinges, one at the top, and the other at the bottom. The bent flaps of the top frame should sit on the metal trim of the glass panels.

Step 6: Complete the same procedure as described in step 3 to secure the upper part of the glass panels to the top frame. You may now remove the suction cups or the duct tape. The case will now safely stand by itself.
Step 7: Bring the third glass panel and secure it at both the base and the top (steps 3 and 6).

Step 8: Place a small Styrofoam board on the floor to support the bottom end of the door. Bring the glass door panel and, while lifting it, insert the pivoting pin located at the bottom of the door panel into the sleeved bushing of the bottom bracket located on the base platform.
Step 9: While someone holds the glass door, loosen the 2 screws on the top bracket. Align the door panel with the top frame and insert the sleeved bushing of the bracket over the top pivoting pin of the door panel. Tighten the screws lightly. Open the door to a 120 degree angle and align the side edge of the stainless steel holder part with edge of the the top bracket. Once aligned, tighten the 2 screws firmly and close the door. You may have to slightly move this assembly (left or right) to get a perfect fit. You may now remove the suction cup.

Step 10: Place the display deck on top of the base. Remember, this deck will need to be lifted or removed whenever access to the desiccant compartment is necessary.
Step 11: Install the magnetic trims that will hide the hardware. For the bottom trims, ensure that each hook on the trim sits on the base platform and is aligned with the safety brackets. For the top door trim, hang the trim hooks to the top edge of the door. For all other top trims, align the trim hooks with the threaded pins on the top structure. Ensure that each trim lie perfectly flat on each piece of hardware.

Step 12: To lock the door, use an Allen key and tighten the screws (2) at the top and bottom of the door, until you start feeling light resistance. DO NOT OVERSCREW. All you want is for the door to hug the silicone seal over its entire length without showing any gap. To open the door, slightly loosen the screws until the door moves away from the case. Do not try to remove the screws.
NOTE: The following step apply only to clients who have purchased an optional Shelving Kit.

**Step A:** Start by installing the stainless steel rods that will hold the glass shelves. To do so, screw all 4 vertical threaded rods into the appropriate holes located at the 4 corners of the top frame. Insert each stainless steel adjustable shelf support at the end of each vertical rod, making sure that the rubber bumper faces upward. Place them at the desired height and tighten each pair of screws on the adjustable shelf support to lock them into place. Once the vertical rods have been positioned and secured, install the horizontal rods that connect the vertical rods together and tighten the set screws that are under the adjustable shelf support. This will keep the vertical rods from moving.

**Step B:** Using the suction cup, bring the glass shelf and gently place it so that it sits on the 4 rubber cushions. Remove the suction cup.
Display Case Maintenance

Before installing any artifacts inside the display case, we recommend cleaning the glass panels and casework as follows:

1. Use ammonia-free glass cleaner (e.g., CRL Spray Way Glass Cleaner) with a microfiber glass cloth (e.g., CRL Microfiber Wipes) to clean all glass surfaces.

   * DO NOT use paper towels or paper products.

2. Clean all casework components with a mild soap cleanser mixed with water, using a soft cotton cloth. Avoid using strong detergent products or corrosive chemicals.

3. Keep the door open to let the cleanser fumes escape from the display cases.

Once the artifacts have been installed inside the display case, we recommend cleaning the glass panels and casework as follows:

1. For the interior of the display case, use only water with a microfiber glass cloth. Do not use any soap cleanser or detergent. Such products could damage the artifacts.

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