

Castle Winch, LLC



Manual Table Lift User Manual

Product Usage:

This product is designed and intended **ONLY** to be used as a table lift mechanism. Any other use of this system will void any and all written or expressed warranties and indemnify Castle Winch, LLC from any harm which may occur as a result of any other use or misuse of this product.

Operating Precautions:

ALWAYS... Verify all hands and body parts are away from the unit when operating.

ALWAYS... Ensure that the areas above, below and adjacent to the table are free from obstructions before operating.

ALWAYS... Avoid loading the table unevenly.

ALWAYS... Travel with the table in the lowered position.

NEVER... Use the table as a step.

Operating Instructions:

Lower position:

Lift the table up slightly. The support brace will drop out of position and allow you to push the table all the way down.

Upper Position:

Lift the table all the way up. While holding it up, flip up the support brace until it contacts the strut bracket. While holding the support brace in place, carefully lower the table onto the support brace. The bolt head will fit inside the tube to hold it in place.



System Specifications:

Weight Limit: 100 lbs

Upper Travel: 30"

Lower Travel: 15.25"

Caution: Failure to comply with the weight limit capacity could cause unit failure which may result in injury.

customerservice@castlewinch.com






Castle Winch, LLC



Manual Table Lift

Installation Manual

Package Contents:

- Manual Table Lift
- Table Backer Board and Adhesive
- Mounting Hardware
 - (6) 2.5" SPAX screws to attach table 
 - (12) Leveling Shims (Optional Use)
 - Fixed Mount Models:
 - (6) 2" SPAX Powerlags to attach to floor 
 - Quick Release/Removable Models:
 - (4) 1/4-20 x 2" Plastic Head Thumb Screw to attach to floor 
 - (4) 1/4-20 Stainless T-Nuts to attach to floor 
 - (2) Plastic Rivets 

Notes:

The table backer board is used to gain more rigidity to the mounting area. It is designed to be used with an existing 3/4" MDF table. The existing table itself does not have adequate depth for the mounting screws. **Caution: If your table is less than 3/4" thick, the provided screws will be too long and protrude through the surface of the table! You will need to purchase your own appropriate length fasteners.** If your house currently has the 3 stage pedestal lift, you might have smaller backer already installed and it will need to be removed.

These instructions and dimensions are specific to Ice Castle Fish Houses with the full dinette in the rear. Please contact us if you have any questions installing this unit in other applications.

Caution:

Use care when extending or retracting the table lift during the assembly process. Keep hands and body parts away from moving parts.

STOP: Do not return to store. Contact Castle Winch, LLC directly if you have any problems or installation questions.

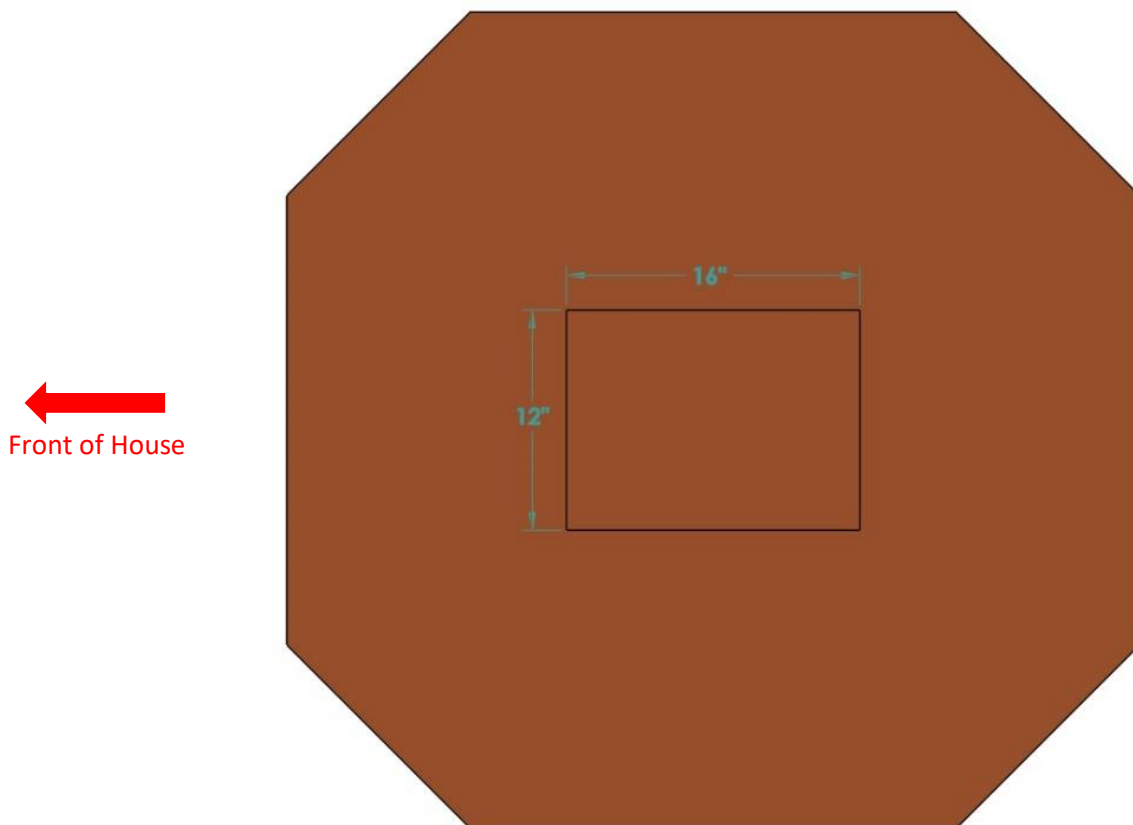
Step 1 – Assemble the Manual Table Lift, Prepare for Installation:

- For shipping purposes, the strut is not installed on one end. Extend the table lift to align the end of the strut with the clevis pin. Snap the end of the strut onto the clevis pin head. If you are having a difficult time snapping the strut on, simply insert a “flat” blade screwdriver under the spring clip (you do not have to remove the clip) using the slot provided in the back of the socket, pushing the screwdriver down just a bit this causes the spring clip to open and allow it to snap on easier.
- Remove existing table legs and bases.

Step 2 – Install table backer board:

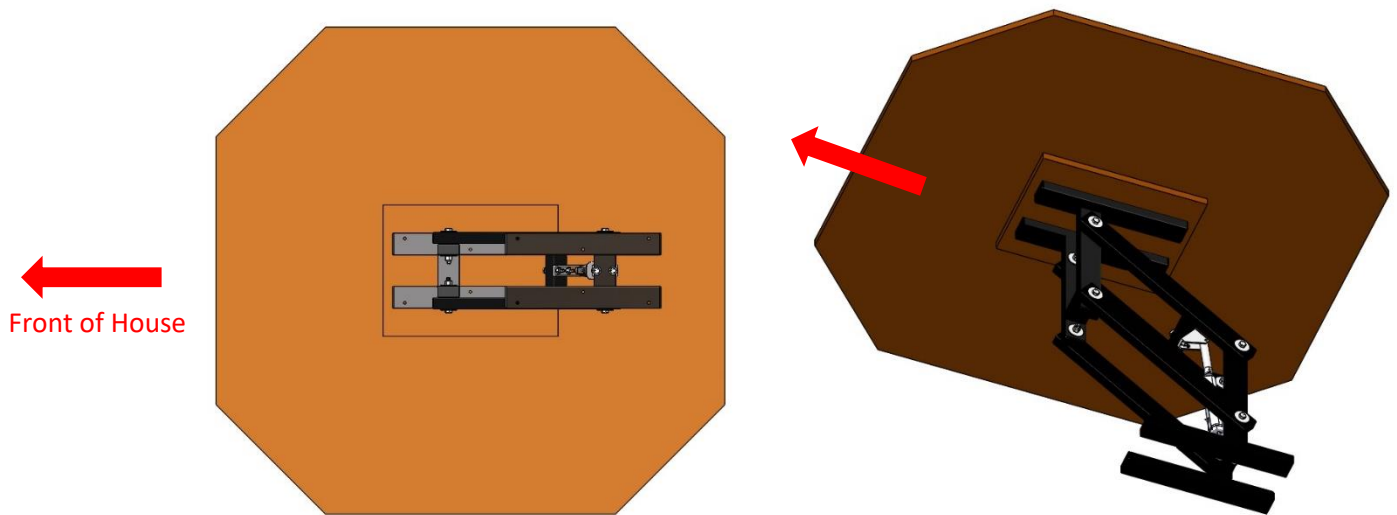
- The table backer board is 12” x 16”. Locate the table backer board in the center of the table and fasten in place with adhesive according to the manufacturer’s instructions (you will only need half of the tube). TIP: The table backer board can be brad nailed in place to maintain desired position during fastening of the Table Lift.

Note which way it mounts on the table. The table is usually wider in one dimension and varies between houses.



Step 3 – Fasten the Table Lift to the Table:

- Centrally locate the Table Lift on the table backer board. Fasten it to the table backer board using the (6) 2.5" SPAX screws. Note the direction when mounting.



Step 4 – Locate the Table for Final Positioning:

- Set the table back in its approximate position. Verify the support brace is not in place. The table will start to move downward on its own. Push it down the rest of the way.
- Now that the table is in the down position, locate the table exactly where you want it (centered between walls, appropriate forward/rearward position).

NOTE: Some tables require the table to be rotated in order for the table to fit in the “down” position. In this case, the table will stay in the “down” rotation when it is raised.

NOTE:

- Due to the design of the unit, there will be a 4.5” forward/rearward shift between the upper and lower positions. The recommended mounting location is shown below for the lowered position in a house with a bay window. If your house does not have a bay window, extend the unit up prior to fastening it to the floor to check how close it is to the rear wall. Adjust the position accordingly.

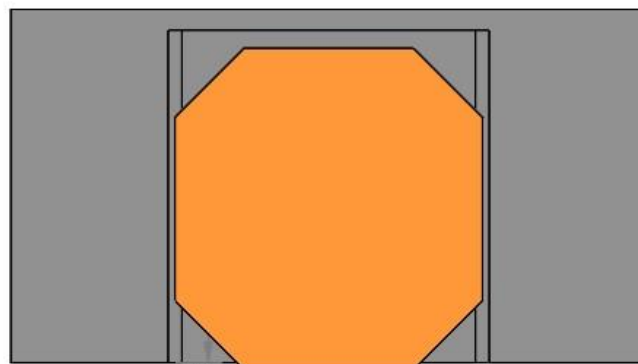


Table extended 1" past front edge of dinette bench.

Step 5 – Fasten the Unit to the Floor:

Fixed Mount Models:

- Fasten the unit to the floor using the (6) 2” SPAX Powerlags. Verify screws will not contact any of your frame members prior to fastening.

Quick Release/Removable Models:

- Install the 2 plastic rivets in the center unused mounting holes in the table lift base.
- Verify mounting hole locations will not contact any of your frame members prior to fastening.
- Using the table lift base as a template, drill through the (4) mounting holes in the base completely through the floor using a 1/4” drill bit.
- Move table to the side and drill out the (4) holes in the floor with a 5/16” drill bit.
- From underneath the house, install the T-Nuts with the prongs facing upward. Apply some leftover adhesive to the prongs prior to installation. Use a hammer to pound them securely in place. Spray foam floors will require some additional foam to be removed to fit the T-Nut.
- Move the table back in place and use the thumb screws to fasten it to the floor.

Tip:

- If the table does not sit level, use an appropriate number of leveling shims as needed to level the table.