

# INSTALLATION INSTRUCTIONS FOR KITCHEN APPLIANCE LIFT

## PARTS LIST (for item 3275.001.061)



2 Lift Arms



Hardware Pack

### HARDWARE PACK INCLUDES:

2 - Springs    1 – Locking Stop    1 – Spring Tool    1 – Instructions    1 – Template

### IMPORTANT NOTES BEFORE STARTING

**\*\*\*Shelf Sold Separately\*\*\***

Determine if you have a frameless or face-frame cabinet. A face-frame has a frame attached to (and covers) the front of the cabinet box, like attaching a picture frame to the cabinet front. Face Frame instructions are on page 5.

Installation screws are not included due to variations in cabinet wall thickness and material.

Recommended screw size: 12 pcs of 1/8" diameter with 1/2" minimum length {not included}

Cabinet walls should be solid wood or substantial enough to accept 1/2" length screws (minimum).

Minimum inside cabinet dimensions:

Depth {front-to-back}: **20" if using our shelf and locking stop** or 15" if using your own shelf.

Width {side-to-side}: **16 ½" if using our 18" cabinet shelf** OR **22 ½" if using our 24" cabinet shelf.**

Height {cabinet floor to underside of the drawer or countertop}: 20"

This package includes a locking stop allowing the user to secure the shelf back to prevent drift forward. We recommend installing the stop if the appliance weighs over 10 lbs. It can only be mounted on the left side of the cabinet.

## **MOUNTING THE SPRINGS {we recommend wearing gloves while mounting the springs}**

1. Fully extend one arm of the mechanism making sure the arm locks in place.
2. Lay the arm down on a flat surface, place one end of the spring on the Front Pin and use the spring tool to secure the other end of the spring to the Back Pin (Fig. 1). Repeat with other arm.

**PLEASE NOTE: THE SPRING MUST BE OVER THE CENTER PIN ONCE SPRING IS MOUNTED (Fig. 2)**



Fig. 1



Fig. 2

## **Preparing the cabinet for installation of lift arms**

Cut out the Paper Template (Figure 3).

Place Template inside cabinet at the proper location:

- For average size appliances {16" height or less}, tape the Template to the underside top and front-edge of the cabinet wall (Figure 4).  
*For taller appliances, it may be necessary to mount the mechanism arms lower on the cabinet walls to ensure the the appliance has enough clearance. In that case, lower the template as needed to ensure the appliance will clear when extended and retracted.*
- Pre-drill the screw holes {1/8" bit} at the marked locations before mounting the arms (Figure 5).
- Remove the Template and repeat the procedure on the other side of the cabinet.

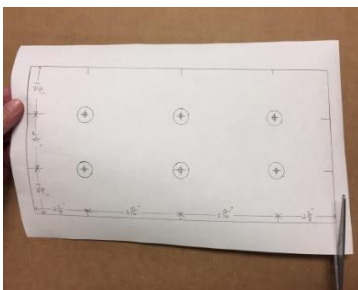


Figure 3



Figure 4



Figure 5

## MOUNTING THE LIFT ARMS

### Remove Template

Mount the lift arms to both sides of the cabinet with screws as shown below. Do not fully tighten bracket screws until all screws are partially installed. Next, tighten screws to secure appliance arms.



## MOUNTING THE SHELF

Our shelves are available for 18" and 24" cabinets. Other cabinet sizes may require you to create your own shelf. (See section "Using your own shelf" below.)

If you purchased one of our shelves:

1. Extend both lift mechanism arms and place the shelf onto shelf brackets. The back edge of the shelf should be approximately 1/2" from edge of countertop or front of cabinet.
- 2) Hand-tighten the shelf screws about halfway into the pre-drilled holes – use at least 4 screws per mounting arm {two per bracket}. Next, tighten screws to secure the shelf.

Using your own shelf:

1. Determine shelf width - Extend the lift arms until they lock into place. Measure the distance between the outside edges of the left and right shelf brackets. It is important to take your measurement at the **BACK** of the shelf brackets (Figure 9). The shelf width must be the same *or less than* the width of the shelf brackets. The width of the shelf should be slightly less than the width of the brackets (see image 10).



Figure 9



Figure 10



Figure 11

1. Determine shelf depth - Measure the depth of the cabinet. The depth of the shelf must be about 1/2" less than the depth of the cabinet. If using the locking stop, the shelf depth should be 1 1/4" less than the cabinet depth. Using these measurements, create the shelf.

*Tip: Consider making a mockup shelf to ensure all dimensions and placement are correct.*

2. With the lift Arms extended, position the shelf so the back edge is about 1/4" to 1/2" from the front edge of the cabinet / countertop and use clamps to hold it in place (Figure 10).
3. Mark the underside of the shelf through the holes on the shelf bracket (Figure 12).
4. Pre-drill holes on the underside and mount the shelf to the brackets.

## Face-Frame Cabinets



If your cabinet is a face-frame style, you will probably need to create a panel for each mechanism arm to mount on the inside of each cabinet wall so the the lift arms can freely move when raising the appliance out of the cabinet.

Measure both the width of the cabinet's Face-Frame opening and the actual inside width (not face frame) of the cabinet. The panel thickness will need to be the difference between the two measurements.

## Mounting The Locking Stop

1. Retract the shelf mechanism until the front of the shelf is completely inside the cabinet. It should be inside by 1/4" to 1/2" total. Make sure the back edge of the shelf is at least 1 ¼" off of the back inside cabinet wall. If it isn't, you may need to shorten the depth of the shelf.
2. Find the pin on the back arm of the left mechanism. Place the locking mechanism (as shown in image 12) and mark the screw holes.
3. Pre-drill top and bottom front holes and screw the locking stop in place (image 13). Test the mechanism several times by pushing the shelf back until the arm pin locks into the locking stop (image 14). To release, push the shelf back until it stops and then pull the shelf forward and out of the cabinet. Screw in back two screws on the stop.
- 4.

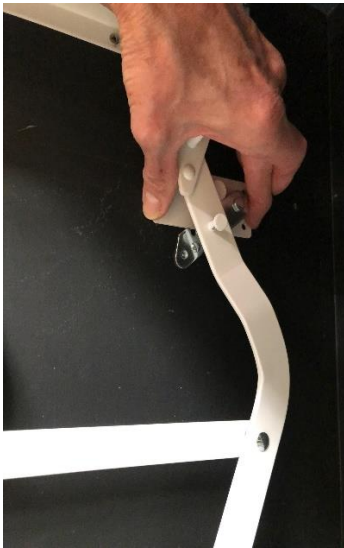


Figure 12



Figure 13



Figure 14

For additional assistance please contact customer service at Wood Technology:  
800-231-9522 or [info@woodtechnology.com](mailto:info@woodtechnology.com)