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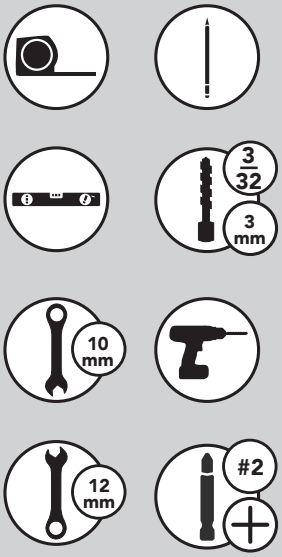
# INSTALLATION INSTRUCTIONS

## RAS-ML SERIES HEAVY DUTY MIXER LIFT

### TOOLS REQUIRED:




### ESTIMATED ASSEMBLY TIME:

**30–45 MIN**

### CARE AND MAINTENANCE:

- Clean with a damp cloth and wipe parts dry
- Lubricate pivot points as needed

**WATCH A TUTORIAL OF THIS PRODUCT BEING INSTALLED**

WWW.REV-A-SHELF.COM/VIDEOS

**WARNING**

This is a spring loaded product and can cause severe harm if not handled properly during installation.

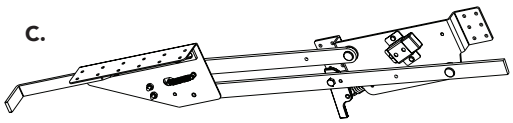
**Mixer Lift shelf not included*

| Parts List | | |
|---|---|---|
| No. | Description | Qty |
| A | #10 x 5/8" Wood Screws | 16 |
| B | #10 x 1/2" Wood Screws | 12 |
| C | Side-Mounting Brackets (L & R) | 2 |

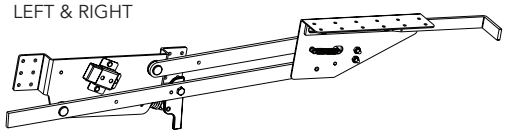
**A.**

**B.**

**C.**



LEFT & RIGHT



## INSTALLING SIDE SUPPORT PANELS FOR FACE FRAME CABINETS
### STEP 1

Align top of support panel with top of cabinet. Support panels should be 6" high and run the total depth of the cabinet. The thickness of the support panel must be equal to the face frame overlay (See Fig A).

**NOTE: Support panels are not included.**

## INSTALLING SIDE MOUNTING BRACKETS (REFER TO FIGURE B)
### STEP 2

**A.** Mark and pre-drill (2) 3/32" (3MM) pilot holes 1/2" (13MM) deep into the side support panel.

**B.** The first hole should be 2" (51MM) from the front of the cabinet (for inset applications add the thickness of the door), and 4-1/2" (114MM) down from the top of the cabinet.

**C.** The second hole is parallel to the first hole location 10-1/2" (267MM) toward rear of cabinet.

**D.** Mount the side mounting bracket to the cabinet support panel by aligning the back middle hole and the front slot with the holes that were pre-drilled.

**E.** Fasten with (2) #10 x 5/8" wood screws. Repeat this step for the other side mount bracket. Wait until Step 5 to install the remaining screws in the mounting plates to ensure the shelf surface is level with mixer weight.

**NOTE: The distance from top of cabinet is determined by height and length of the accessory. 4-1/2" (114MM) will allow adequate clearance for 16-1/2" tall stand mixers. Side mounts can be positioned higher if using lift for smaller appliances.**

## DETERMINING SHELF SIZE (SHELF NOT INCLUDED)
### STEP 3

Shelves should be a minimum of 3/4" (19MM) thick by 20" (508MM) in length. The width of the shelf is determined by measuring the width between the side mounting brackets measurement "D" minus 1-1/4" (32MM) (See Fig D).

**FIGURE A**

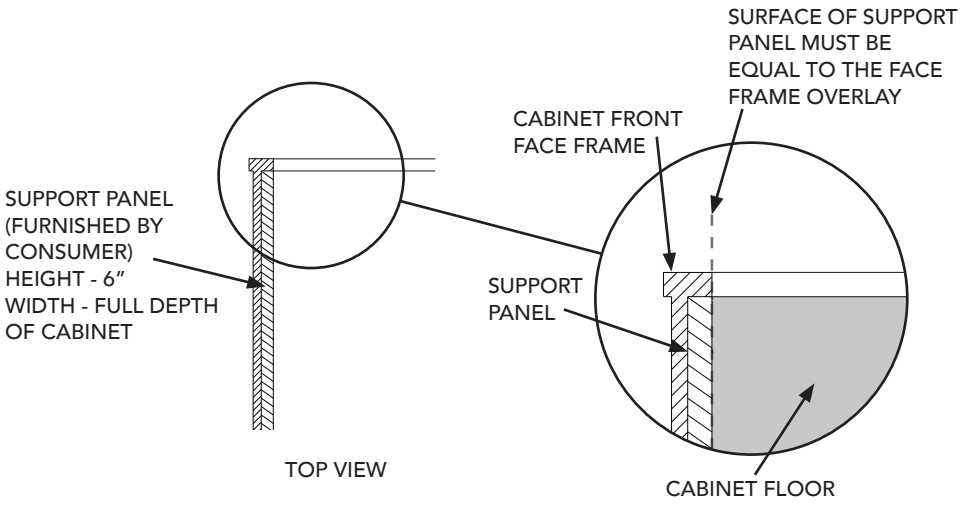



**FIGURE B**

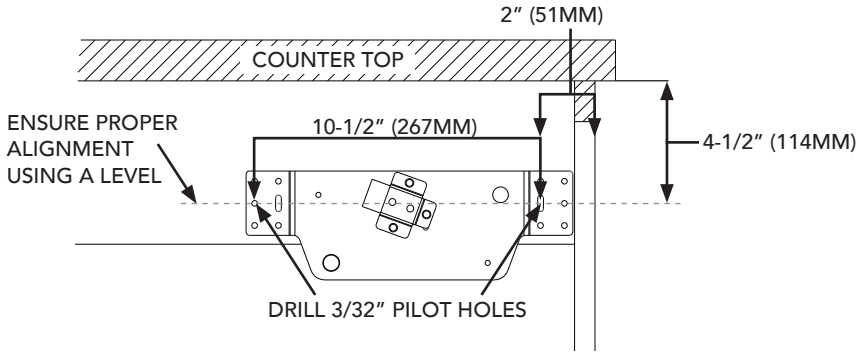
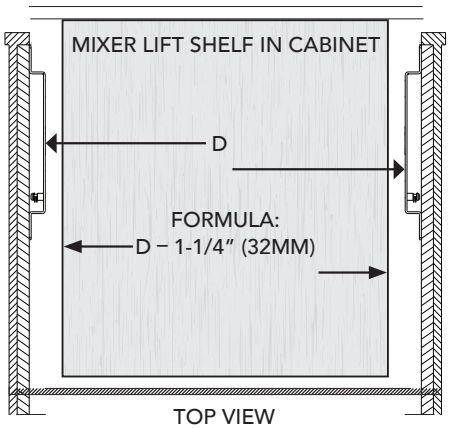
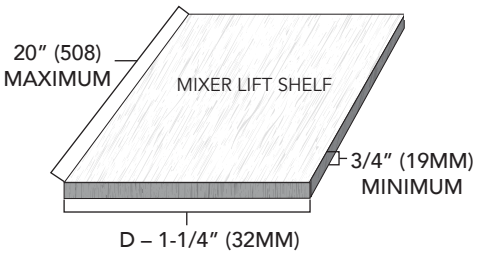



**FIGURE C**




## EXAMPLE MEASUREMENTS FOR A BASE 18 CABINET

| | FRAMELESS | | FACE FRAME | | |
|---|---|---|---|---|---|
| | 5/8" (16 mm) Wall | 3/4" (19 mm) Wall | 1-1/2" (38 mm) | 1-5/8" (41 mm) | 1-3/4" (45 mm) |
| SHELF WIDTH | 13-1/2" (343 mm) | 13-1/4" (337 mm) | 11-3/4" (299 mm) | 11-1/2" (292 mm) | 11-1/4" (286 mm) |

## MOUNTING THE MIXER LIFT SHELF (REFER TO FIGURE D)

### STEP 4

**NOTE: Pre-drilling first (6) hole locations will ensure proper function of mixer lift.**

**A.** Mark (2) hole locations for the front screws by measuring in 1-3/16" (30MM) from the side of the shelf and 8-1/2" (216MM) from the front edge of the shelf. Mark the (4) rear screw locations by measuring up 3" (76MM) per hole from the first set of marks.

**B.** Pre-drill 3/32" (2 mm) pilot holes 1/2" (12 mm) deep into the shelf.

**C.** Turn the shelf over and mount to mounting brackets with (6) #10 x 1/2" (12MM) wood screws.

**NOTE: Locate the side edges of the shelf over the 90° bend of the mixer mounting plate before tightening the six screws. Be sure the shelf does not extend past the outer surface of the mounting plate.**

**D.** Attach (6) additional #10 x 1/2" (12MM) mounting screws from underneath shelf to other available hole locations.

## ADJUSTING FOR LEVEL

### STEP 5

Place a level on the shelf when fully extended. With one hand supporting the shelf, loosen the screw in the front slots on each of the cabinet mounting brackets. The shelf surface should be "nose up" until the mixer is added. Once weighted, the shelf will level out (See Fig E). Once in the desired location, tighten the front screws.

Place the appliance on the mixer lift and check for level in both directions. Once satisfied, fasten the (12) #10 x 5/8" wood screws into the additional locations on side mount brackets.

**FIGURE D**

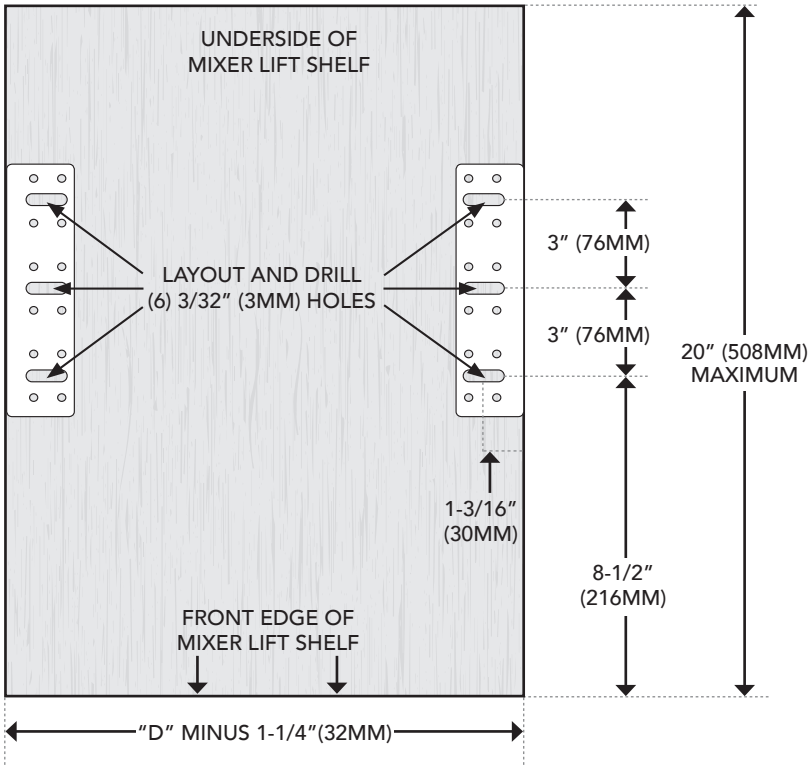
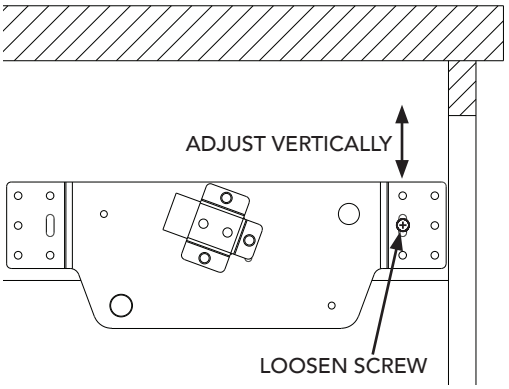
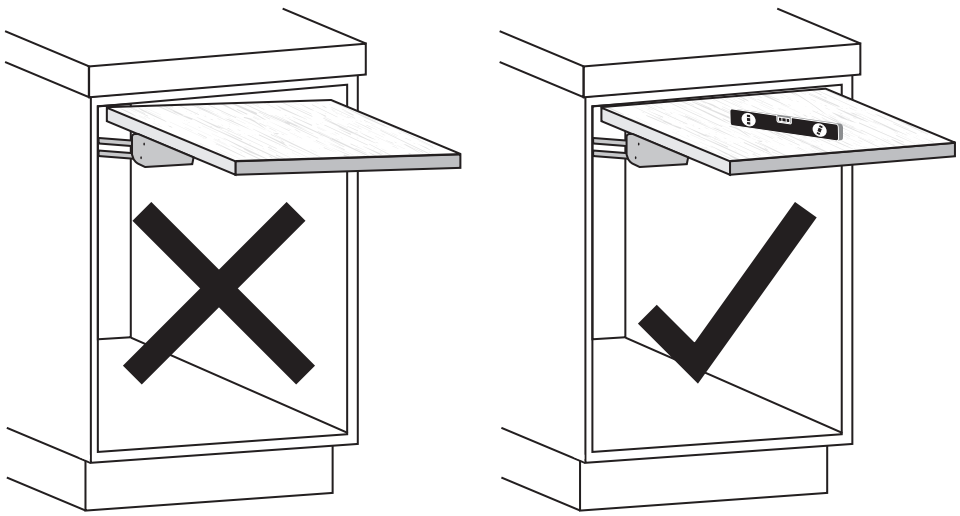



**FIGURE E**



## ADJUSTING SPRING MIXER LIFT SPRING TENSION (REFER TO FIGURES F & G)

### STEP 6

This mixer lift is equipped with (3) adjustable spring tension settings for 0-20lbs, 20-30lbs, and 30-60lbs. **The unit is shipped with the spring settings set to the middle setting.** To adjust tension, remove set bolt with a 10MM open end wrench.

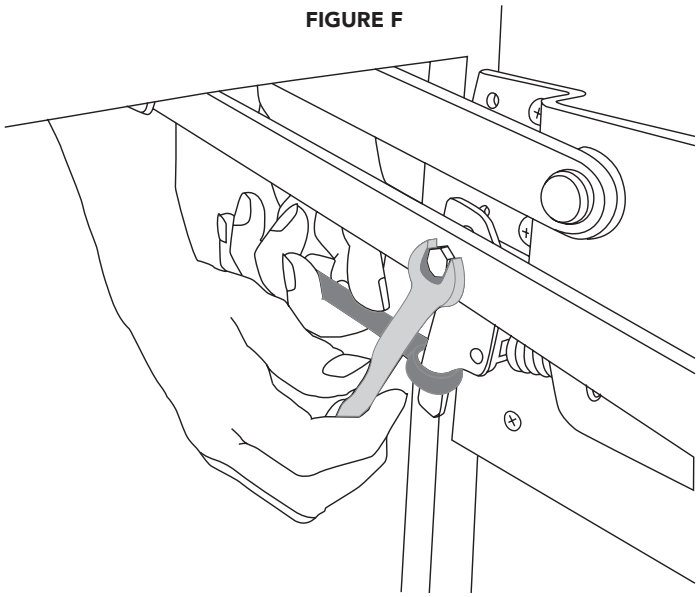
**NOTE: <u>DO NOT</u> release holding tension until after the set bolt is in the desired location. With the bolt removed, adjust to the desired setting. Reinstall the set bolt, and tighten securely. Repeat with the opposite side mounting bracket.**

**RECOMMENDED SPRING POSITION FOR VARYING MIXER WEIGHT**

**1)** 0–20 lbs. (0 kg–9.07 kg)
**2)** 20–30 lbs. (9.07 kg–13.6 kg)
**3)** 30–60 lbs. (13.6 kg–27.2 kg)

Anything over 60 lbs will void the warranty.

**FIGURE F**



**WARNING**

RELEASING THE 12MM BOX END WRENCH BEING USED TO HOLD THE SPRING-LOADED SIDE-MOUNTING BRACKETS BEFORE SECURELY FASTENING THE REMOVED BOLT CAN CAUSE SERIOUS INJURY

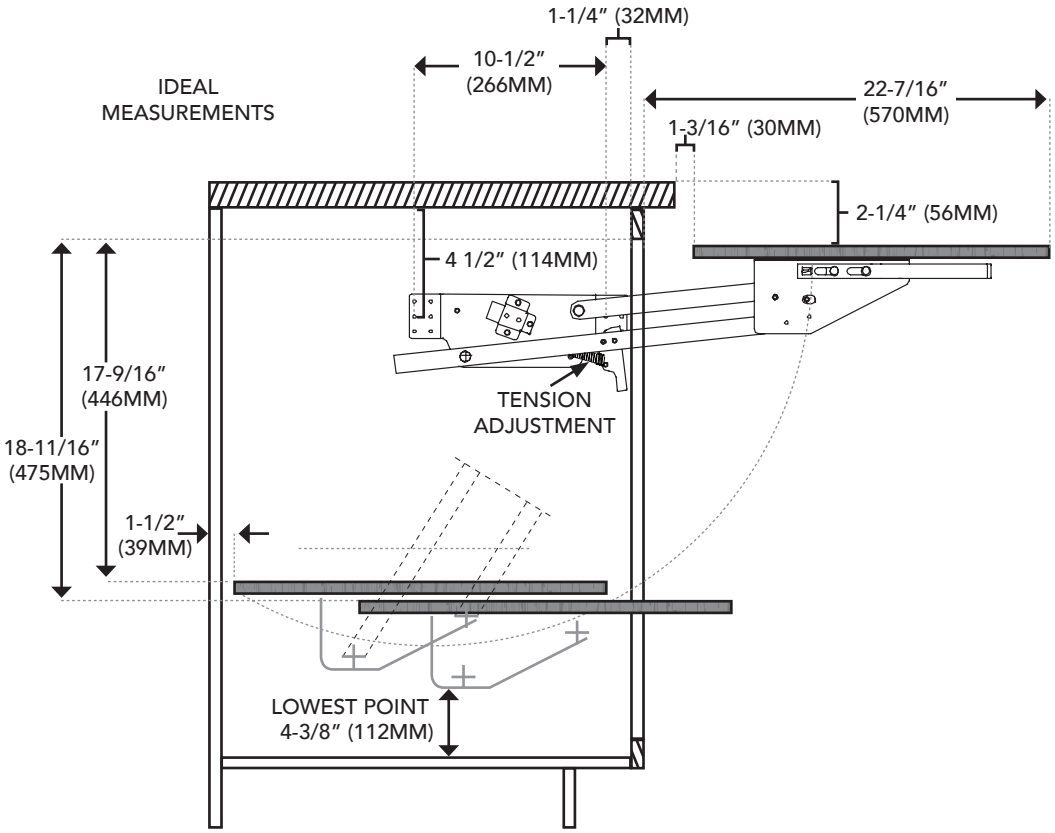



**FIGURE G**