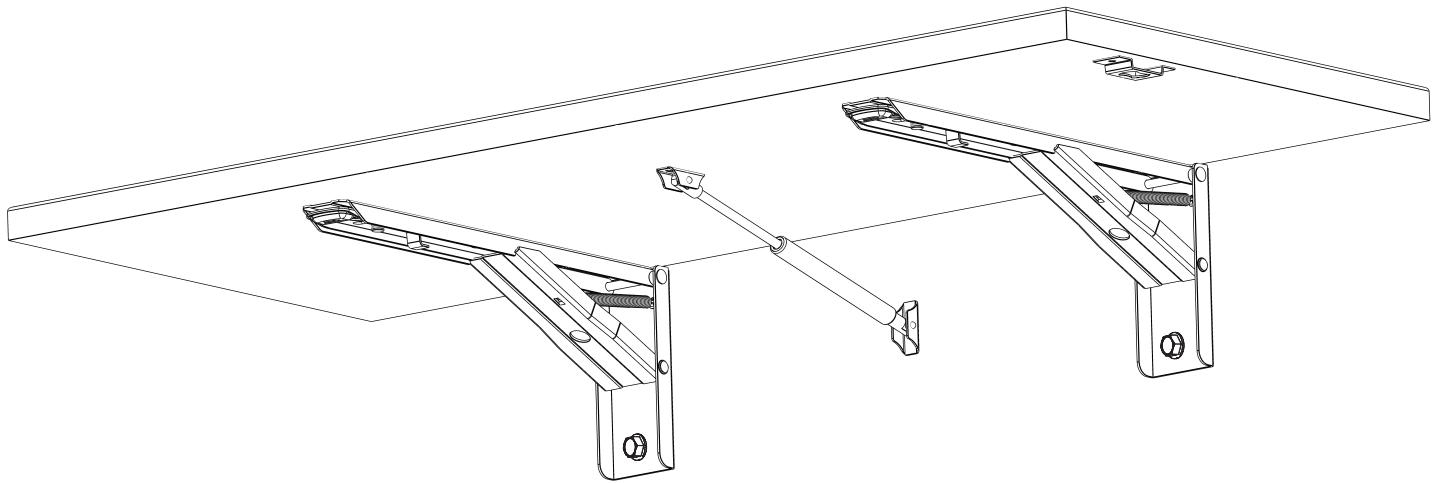




# ASSEMBLY INSTRUCTIONS

## Wall-Mounted Folding Shelf

20in x 48in x 1.25in



**500lb**  
**WEIGHT CAPACITY**

Holds up to 500lb (226kg)  
equally distributed

CUSTOMER SERVICE  
**NEED ASSISTANCE?**

**Phone:** (877) 655-3443

**Email:** [support@saferacks.com](mailto:support@saferacks.com)

**Hours:** Mon-Fri 9am-7pm CST,  
Sat 10am-5pm CST

# **WARNING**

## **FOLDING SHELF SAFETY GUIDELINES**

The 500lb weight limit is based on an equally distributed, statically loaded, folding shelf anchored to a wooden framed home structure. Do not exceed the rated weight capacity for any reason!

The folding wall brackets must be securely mounted to wall studs to perform at the rated weight capacity.

Failure to anchor the folding wall brackets to wall studs will result in a faulty and potentially dangerous installation.

Do not attempt this installation without an understanding of the content of these assembly instructions.

### **Prop 65:**

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### **Pinch Point Hazard:**

Watch your hands and fingers. This product includes folding wall brackets that are spring loaded. Open and close with care.

Before installation, remove spring to reduce the risk of injury.

### **Safety Damper:**

This component contains contents under pressure. Do not disassemble or puncture. Do not apply heat or fire.

# COMPONENTS AND TOOLS

## Components (included):

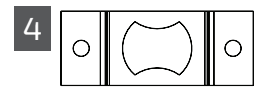
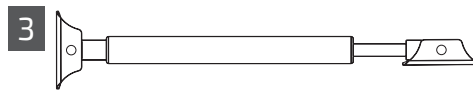
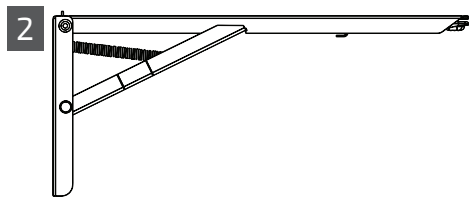


**1** (x1) 24"x48"x1.25" Hardwood Top

**2** (x2) Folding Brackets

**3** (x1) Safety (soft-close) Damper

**4** (x1) Bottle Opener



## Hardware (included):

**A** (x6) 5/16"x3" Lag Bolts

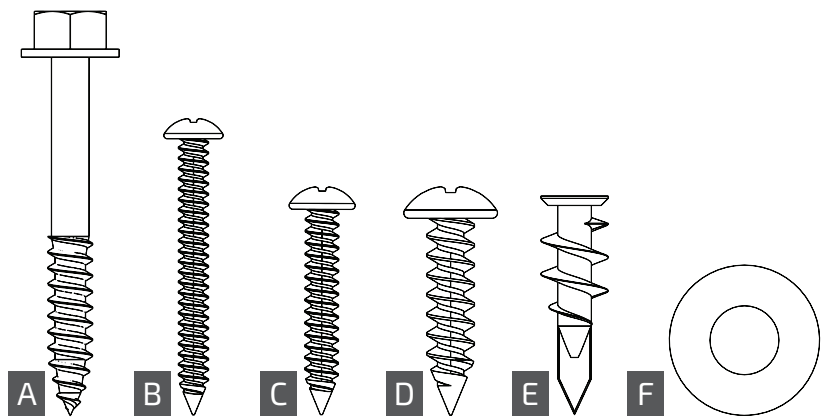
**B** (x2) #8-1.5" Wood Screws

**C** (x5) #8-1" Wood Screws

**D** (x7) #14-1" Wood Screws

**E** (x2) Plastic Wall Anchor \*

**F** (x6) 5/16" Flat Washers



## Recommended Tools (not included):

- Drill
- 3/16" Drill Bit
- 5/32" Drill Bit
- 7/64" Drill Bit
- Level
- Stud Finder
- 5/16" Socket
- Tape Measure
- Pencil
- #2 Phillips Screwdriver/Bit

\* used for damper installation into drywall only

# ASSEMBLY INSTRUCTIONS

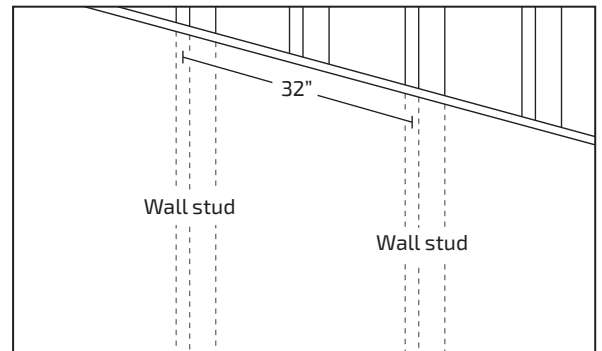
## 1. Determine the location of your folding shelf

Find your folding shelf location. Make sure no objects will interfere with the shelf's range of motion.

## 2. Locate your wall studs

Use a stud finder to locate the two wall studs you will use for installation.

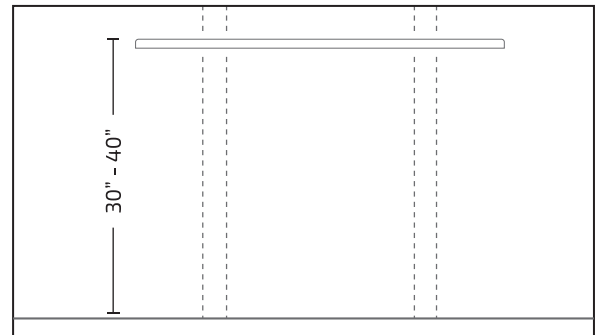
*Note: Typical wall stud spacing is 16 inches. Bracket spacing should be 32 inches.*



## 3. Determine the height of your folding shelf

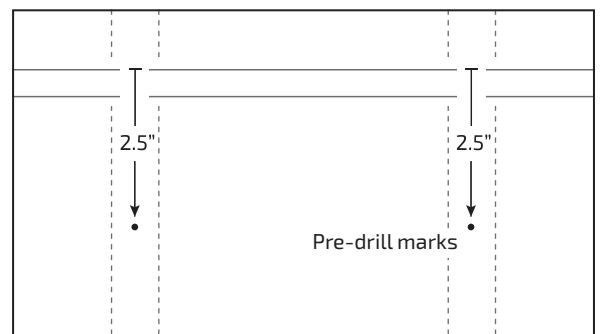
Once you have located your wall studs, measure from the ground-up to determine the height of your folding wall shelf.

*Note: Average worktop heights range from 30 to 40 inches depending on the user and application.*



## 4. Find your upper bolt location

Measure 2.5" down from your determined folding shelf height and mark with a pencil. This is the location of your **UPPER** bolts. Using your stud finder, verify that your marks are on studs. Pre-drill a hole using your 3/16" drill bit.

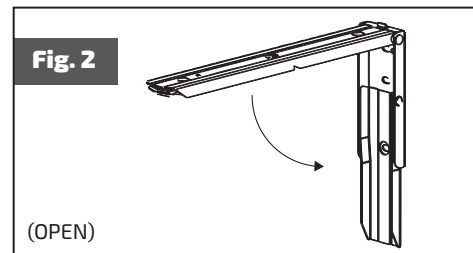
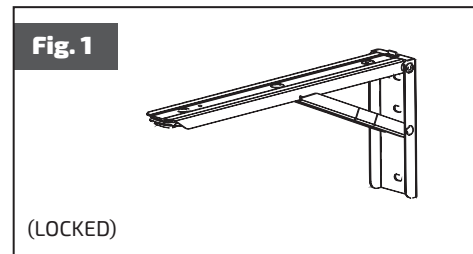
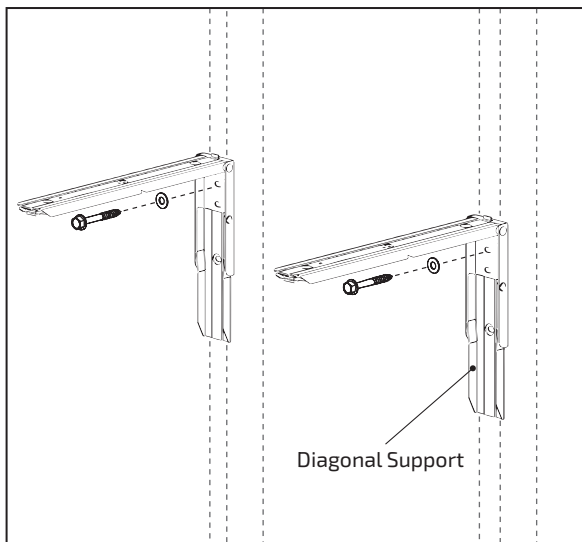


# ! WARNING

Carefully lock your bracket (**Fig. 1**) and **remove the middle spring before proceeding with the installation**. Completing the remaining steps in your installation may require the use of a helper.

## 5. Secure your upper bolts

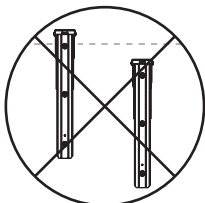
**Open** your bracket by lowering the diagonal support (**Fig. 2**). Use your 5/16" socket to secure the top 3" lag bolt and washer through the hole of your bracket and into the stud. Repeat for both brackets.



## 6. Finish securing your brackets

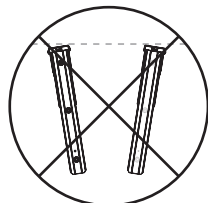
Ensure your brackets are level with each other and individually plumb (vertically straight). Use your 3/16" drill bit to drill pilot holes for the middle and bottom holes of each bracket. Finish securing both brackets using x4 washers and x4 lag bolts.

Plumb, but not level



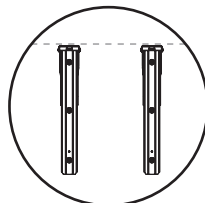
Front View

Level, but not plumb

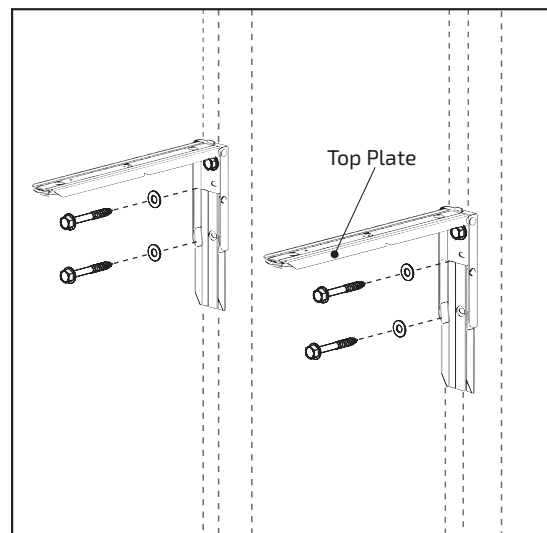


Front View

Level and Plumb

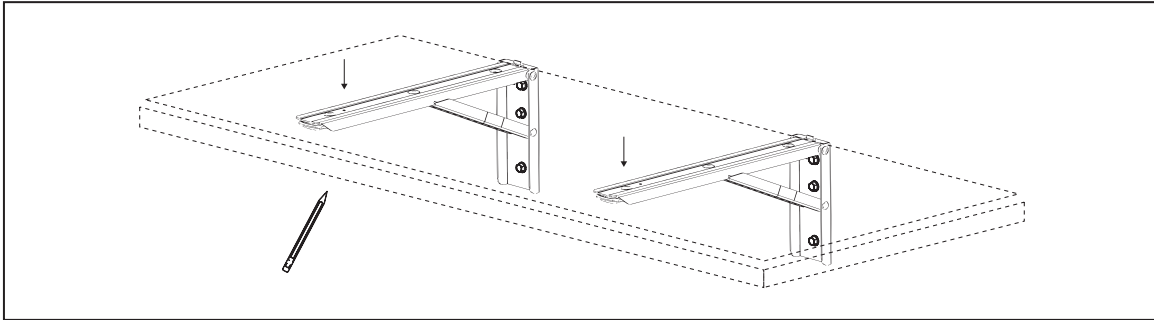


Front View



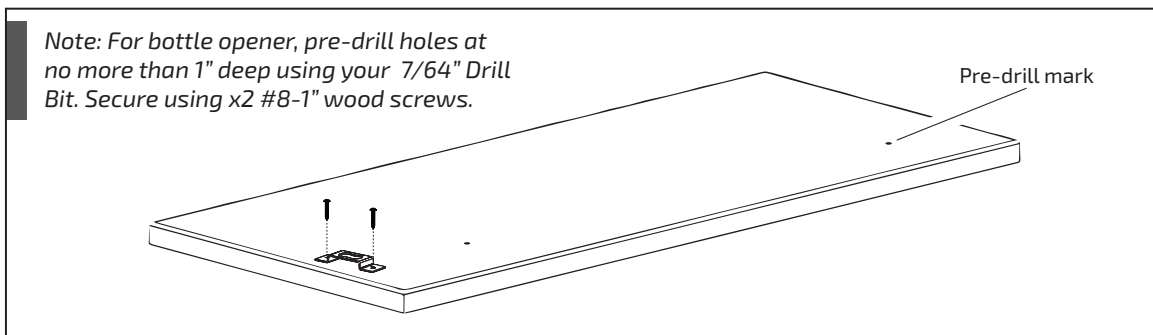
## 7. Determine the position of your worktop

Lock your brackets (**Fig. 1**) and mount your wood top. Push the back edge against the lips located at the back of your brackets. Mark the location of the bracket hole that is closest to the front edge. Repeat for both brackets.



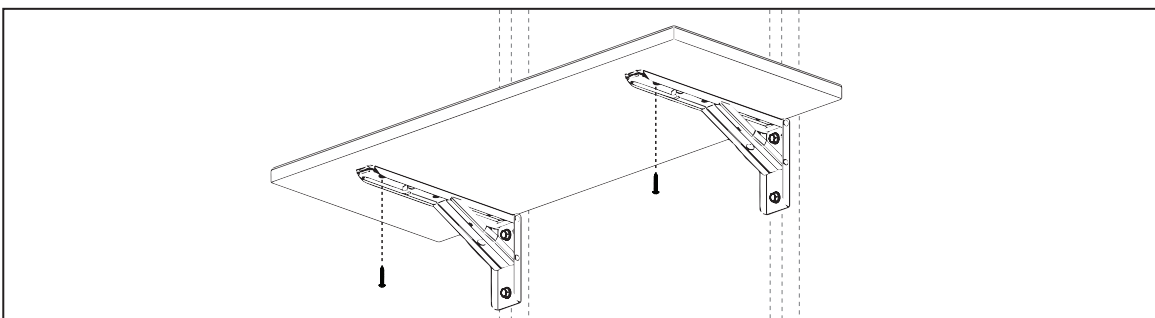
## 8. Pre-drill the holes on your wood top

Carefully remove the wood top and place upside down on a soft surface to prevent scratching. Pre-drill holes at no more than 1" deep using your 5/32" drill bit.



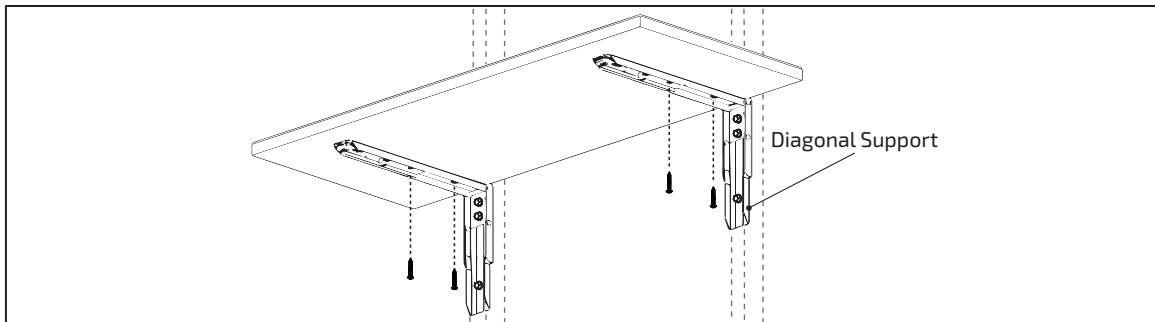
## 9. Secure your front wood screws

Keeping your brackets locked (**Fig. 1**), mount your wood top and secure x2 #14-1" wood screws through the front holes of your brackets and into your wood top.



## 10. Finish securing your wood top

Lower the diagonal support on one bracket while keeping the opposite one engaged. Have a helper support the worktop to prevent it from swinging shut. Using the 5/32" drill bit, drill 1" deep pilot holes into the bottom of your wood top through the middle and back bracket holes. Using 2x #14-1" wood screws, finish securing the bracket arm to the wood top. Repeat for the other bracket.

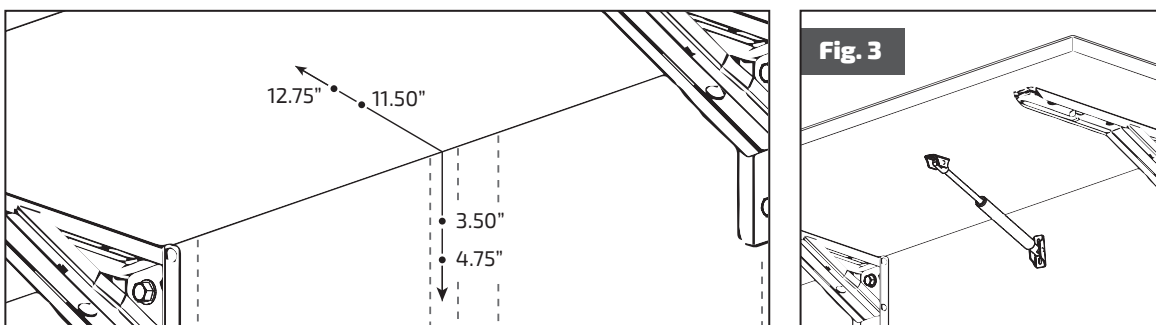


## 11. Secure your soft-close damper

Locate your center stud. Measure and create marks at 3.50" and 4.75" from the bottom of your wood top. Pre-drill your holes using your 7/64" drill bit. Secure your damper to the wall using x2 #8-1.5" wood screws.

*Note: If your screw holes **DO NOT** land on a stud, use the provided Plastic Anchors and x2 #8-1.5" wood screws to secure your damper to the drywall.*

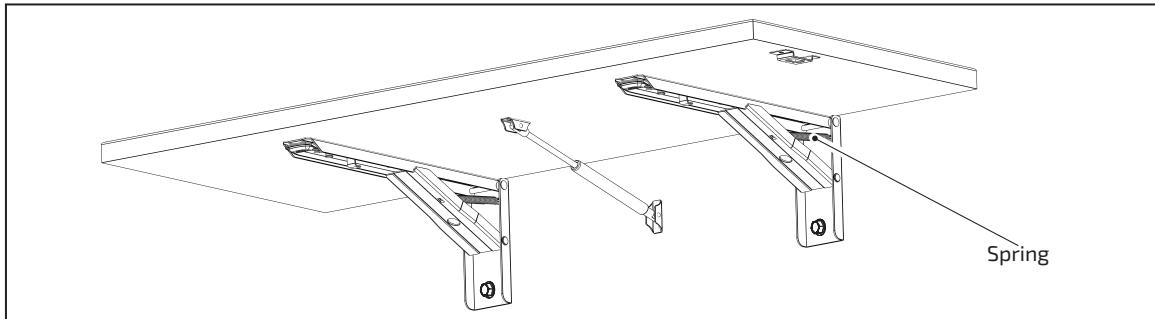
Measure and create marks underneath your wood top at 11.50" and 12.75" from the back edge of your wood top. Pre-drill your holes using your 7/64" drill bit at no more than 1" deep. Secure your damper to your wood top using x2 #8-1" wood screws.



Install your damper in the orientation shown in **Fig. 3**.

## 12. Re-install your springs

Re-install your springs and ensure that all bolts and screws are securely tightened.



*Note: If your shelf does not fold down smoothly or does not shut all the way, your brackets may not be level. Loosen your lag bolts and adjust your brackets accordingly.*

## OPERATING YOUR FOLDING SHELF

### 1. Raising your folding shelf

Carefully lift away from the wall. Your brackets are locked when you hear them “click.”

### 2. Folding your shelf

Stand in front of your shelf and locate the buttons at the end of each bracket. Carefully lift your wood top and press the buttons at the same time to fold.

### 3. Safety (soft-close) damper

Your safety damper is intended to prevent slamming or injury. Install at the recommended locations for maximum performance.

*Note: A slight variance in the position of your damper may affect the speed at which you damper closes. You may adjust the position by loosening your screws and adjusting the slotted brackets on your damper.*