



# MURPHY DOOR 2024 Murphy Shelf with Secret Drop Down Compartment Installation Guide

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**MURPHY DOOR®**

Murphy Shelf w/Secret Drop Down Compartment



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**2024 Murphy Shelf with Secret Drop Down Compartment**



## PLEASE READ INSTRUCTIONS FULLY BEFORE YOU BEGIN ASSEMBLY

### Tools Needed

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Safety glasses</li> <li>• Measuring tape</li> <li>• Pencil or something to mark the wall</li> <li>• Stud finder</li> <li>• Level</li> <li>• Drill</li> </ul> | <ul style="list-style-type: none"> <li>• Phillips head driver bit</li> <li>• 1/8" drill bit</li> <li>• Philips head screwdriver</li> <li>• Adjustable (Crescent) Wrench</li> <li>• 9/64" Hex Wrench</li> </ul> |
|---|--|



Shelf



Lock Body and Strike



Power Jack



USB Power Extension Cable



USB Power Adapter



RFID Cards- x3



Lock Body Screws  
x4



Power Jack Screw  
x4



Strike Screws  
x2



Wall Plate



Shelf Arm  
18" Hardware – x2  
34" and 52" Hardware – x4



Shelf Slide  
18" Hardware – x2  
34" and 52" Hardware – x4



3" Lag Screw  
18" Hardware – x4  
34" Hardware – x6  
52" Hardware – x8



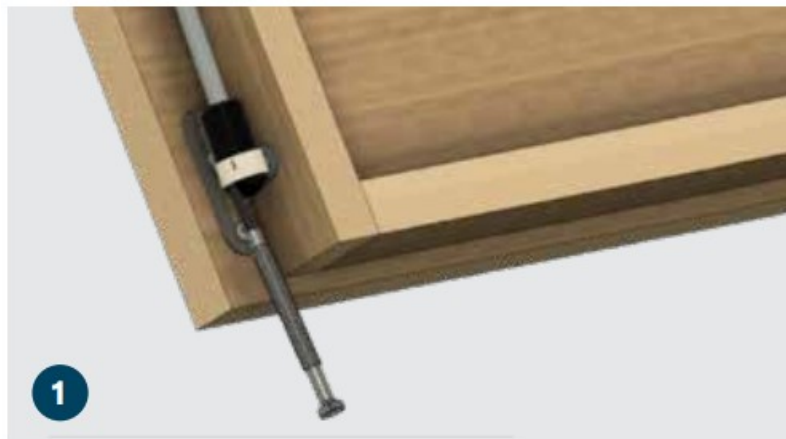
Wall Anchor  
All Hardware – x4



#8 x 1" Screw  
All Hardware – x4

**PLEASE READ INSTRUCTIONS FULLY BEFORE YOU BEGIN ASSEMBLY**

Using a mini flathead screwdriver, gently pry up on the metal clip holding the gas strut to the mounting bracket and pull the gas strut to separate the two.

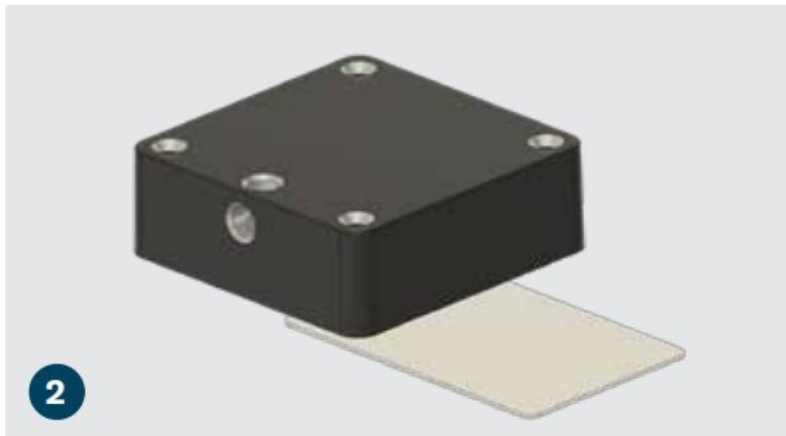


Your Murphy Shelf ships with the lock and strike uninstalled.

This is to prevent the shelf from becoming locked or accidentally locking the access cards inside the shelf.

Put 4 AAA batteries into the lock, program the manager and user cards, and set up the Bluetooth connected app.

\*Programming instructions can found at the end of this document.



After you have put batteries in the lock, use a screwdriver to install it to the pre-marked location in the drop-down shelf with the latch openings towards the front of the shelf.



Install the power jack cable through the hole at the back of the drop-down shelf. Plug the backup power jack into the side of the lock.

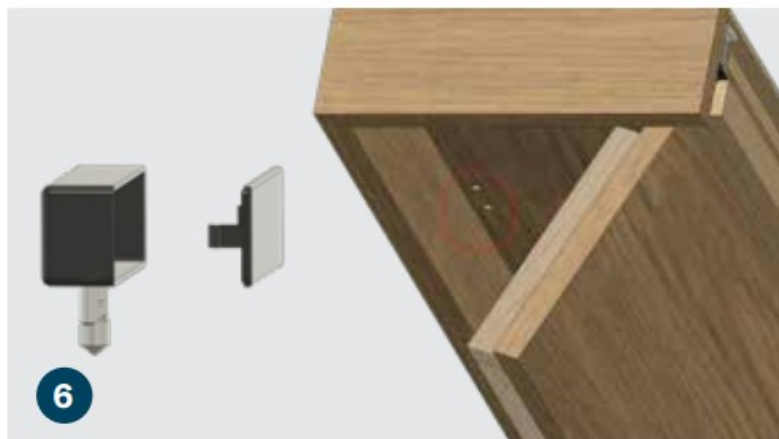


Test the jack in the bottom of the shelf using the included power extension cable. If the power extension cable cannot be fully plugged into the jack, adjust the depth of the power jack through mounting bracket by loosening the two screws in the side of the bracket and pushing the power just through the shelf until the extension cable can be fully plugged in.



The front and top panels are pre-drilled to facilitate installation.

The strike attaches to the front panel, with the wider set holes aligning with the screw holes in the strike, and the pre-drilled holes in the top panel provide clearance for the push pins to retract.



Remove the snap on cover from the side of the strike to access the screw holes.

Align the strike over the screw holes in the front panel and loosely attach using one screw.



Depress the push pin opposite the screw you just attached and attach the remaining screw. Fully tighten both screws.

Check both push pins and make sure they move freely.

Replace the snap on cover.



Reattach the gas strut to its mounting bracket by firmly pressing back on.

\*The opening angle of the drop shelf can be adjusted by loosening the screws for the gas strut bracket and sliding it up or down, then re-tightening the screws. This is easiest to do with the gas strut detached.



Determine where you want to place your shelf.

Make sure the wall is suitable for hanging the shelf. The wall should have either 2x4 or 2x6 construction. You will need to secure the hardware to at least 1 wood stud, more are preferred.

Determine the height you want the top of your shelf, and measure down 3/8". This will mark the top of the wall plate.

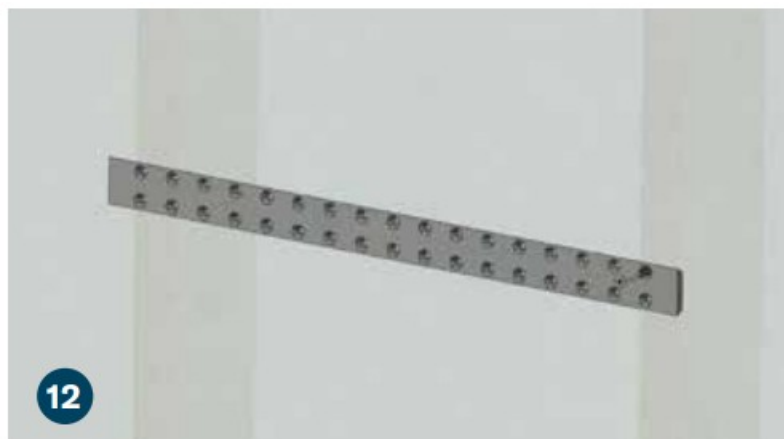


Using a stud finder locate and mark the studs.

\*If you are mounting to a single stud or the ends of the wall plate are more than 2" (2 mounting holes) away from the nearest stud, the ends of the wall plate will need to be secured with wall anchors.



Using a drill, with a Phillips head driver, attach the wall plate using one of the 3" screws into one of the studs just tight enough that the wall plate can still be rotated by hand.



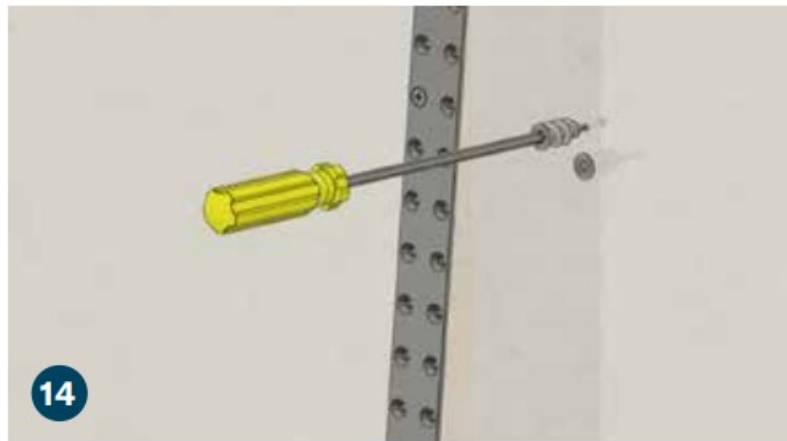
**\*\*FOR WALL ANCHORS ONLY\*\***

Level the wall plate and mark the wall at the mounting holes at each end of the hardware. Use a 1/8" drill bit and drill all marked locations.

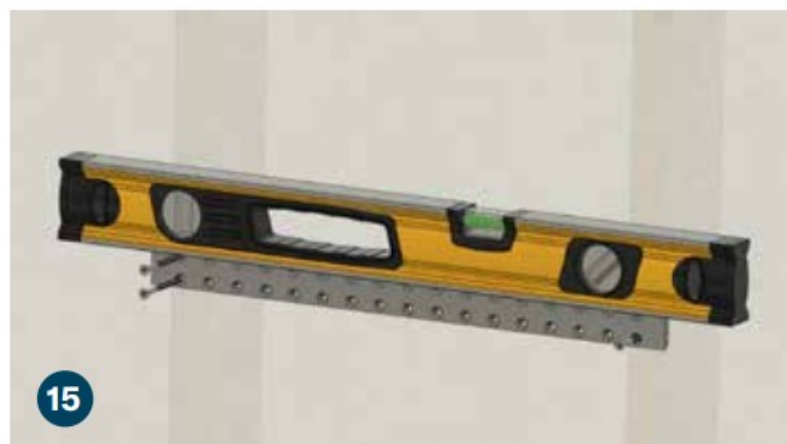




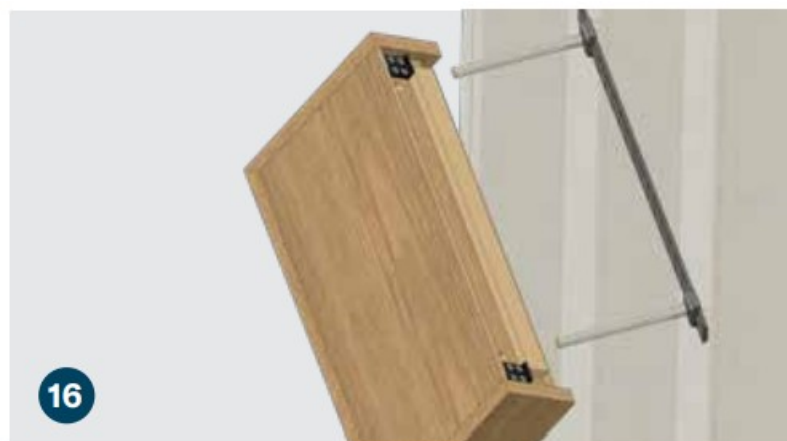
The wall anchors provided are self-drilling. Align the drilling point of the anchor with the pilot hole and use a Phillips head screwdriver to drive the anchor into the wall until it stops.



Level the wall plate and finish securing the shelf to the wall using additional 3" lag screws at each stud location and 1" screws at each wall anchor. Make sure all screws are fully tightened.



Align the arms with the holes in the back of your shelf and slide the shelf all the way against the wall.



Adjust the shelf side to side until it is where you want it.



Pull the shelf back out from the wall 2-3".

Locate the two flat sections near the base of each arm and use an adjustable wrench to turn them clockwise to tighten them into the slide and lock the arm in place.



After you do this at each arm, slide the shelf back against the wall.



Insert a 9/64" hex wrench through each 5/16" hole in the bottom of the shelf and tighten the retainer onto the wall plate.

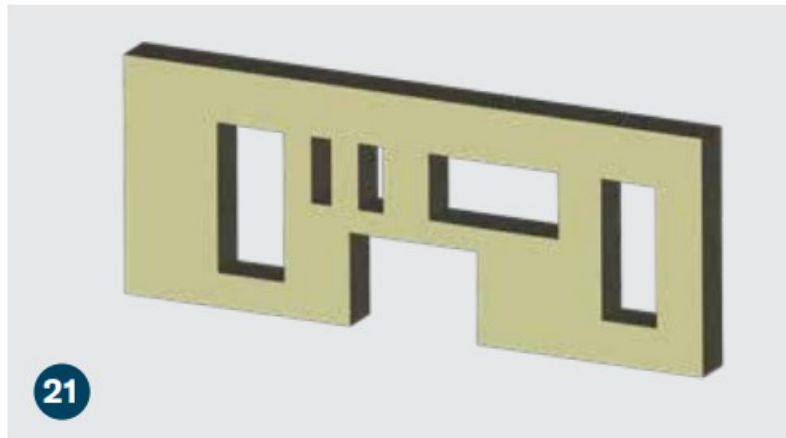
Slightly lifting the front edge of the shelf while pressing it against the wall can help the clamp fully engage the wall plate.



You will want to create cutouts for your belongings in the foam insert before it is installed onto the shelf. Lay your items over the included foam insert, press down firmly on them, then trace the outline using a marker. Remove your items and using a NEW razor knife, carefully cut around the outline.

We recommend cutting on the inside of the outline, test fitting your items, then removing additional foam if needed.





After you have created the desired cutouts, remove the backing from the foam, align it to the pocket in the drop shelf, and press it into the pocket using one hand behind the shelf to support it.



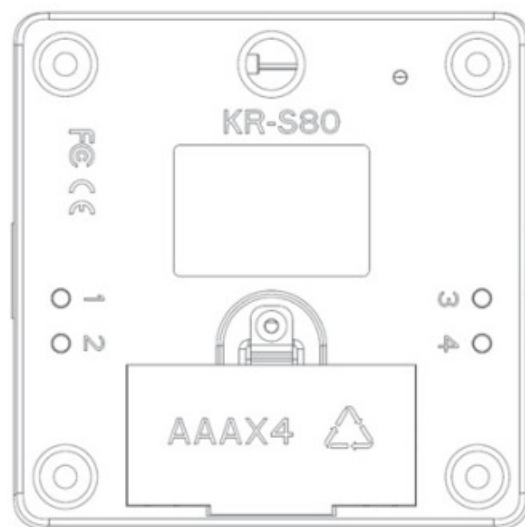
If the batteries in your lock die, your shelf is equipped with a backup power jack. Use the provided USB power cord and adaptor and plug them into the port on the bottom of your shelf to temporarily provide power to the lock and use your access card to unlock it.



### **Congratulations.**

You have successfully installed your Murphy Shelf with Secret Drop Down Compartment.





Functions	Features
Batteries	4x AAA 1.5V batteries
Sound Prompt	User Card: <ul style="list-style-type: none"> <li>• One beep: correct user card</li> <li>• Three beeps: incorrect user card</li> </ul> Long beep: door open alarm. Beeps twice when unlocking: low battery alarm.
Light Prompt Note: The light is on the bottom of the lock and will not be visible once it is installed.	Green: Operation Successful Red: Error/Incorrect Card Blue: Low Battery White: Standby
Alarm Functions	Low voltage alarm: 1. When battery's voltage is lower than 4.5V, the light will shine blue, and lock will beep twice on every unlock to indicate the batteries need to be changed. 2. When voltage is lower than 4V, lock can't be locked until without the power adapter and will need to have the batteries changed. 3. Lock can normally work several times after low voltage warning. Lock status alarm: 1. After being open for more than 30 seconds, the door open alarm will sound for 10 seconds and will continue to do so every 30 seconds until the door is closed. 2. *The door open alarm only works in private mode. Pressing buttons 1+2 simultaneously can enable/disable this feature. 3. This feature can also be enabled/disabled through the app. Locking protection: An incorrect user card will cause the lock to beep twice and flash the red light twice. 5 consecutive incorrect attempts will disable unlocking for 5 minutes. While unlocking is disabled: 1. The manager card can be used to enable the unlocking. 2. All user cards will cause the lock to beep 5 times.
Card Functions	1. Manager card: Used for programming user cards. 2. User card: Unlocking only. 3. Delete card: Used to remove user cards from the lock.
Button Functions	Button 1: Set manager card. Button 2: Set delete card. Button 3: Change working mode. Button 4: Change to single key mode or double key mode. Reset: Reset the lock. If you don't want to set lock and card by these four buttons, we also can disable them, and set all with handset machine.

## Lock Modes

### 1. Private Mode

In private mode, when a user card is swiped the lock will stay unlocked for 5 seconds, then lock again.


### 2. Limited Public Mode

In limited public mode, when a user card is swiped the lock will unlock and stay unlocked until the user card is

swiped again.

Functions	Features
Set Private Mode	<ol style="list-style-type: none"><li>1. Press and hold button “3” for 2 seconds.</li><li>2. The lock will beep twice, and the green light will flash.</li><li>3. The lock is now set to private mode.</li></ol>
Set Limited Public Mode	<ol style="list-style-type: none"><li>1. Press and hold button “3” for 2 seconds.</li><li>2. The lock will beep 3 times and the green light will flash.</li><li>3. The lock is now set to limited public mode.</li></ol>
Set Manager Card	<ol style="list-style-type: none"><li>1. Press and hold button “1” for 2 seconds.</li><li>2. The lock will long beep once and start flashing green.</li><li>3. Hold a blank card to the lock.</li><li>4. The Lock will beep once.</li><li>5. The manager card has been successfully programmed.</li></ol> <p>* Label the card as “MANAGER” or in some other way it can be identified and keep it in a safe location.</p> <p>This card will be used for programming new user cards or tags only. It cannot be used for unlocking.</p> <p>Up to 10 manager cards can be programmed to the lock.</p>
Set User Card	<ol style="list-style-type: none"><li>1. Swipe the manager card.</li><li>2. The lock will long beep once and start flashing green.</li><li>3. Hold a blank card to the lock.</li><li>4. The lock will beep once.</li><li>5. The user card has been successfully programmed.</li><li>6. To exit user card programming mode swipe the Manager card again.</li><li>7. The lock will long beep once and the light will turn white and stop flashing.</li></ol> <p>Up to 30 user cards can be programmed to the lock.</p>
Set Delete Card	<ol style="list-style-type: none"><li>1. Press and hold button “2” for 2 seconds.</li><li>2. The lock long beep once and start flashing green.</li><li>3. Hold a blank card to the lock.</li><li>4. The lock will beep once.</li><li>5. The delete card has been successfully programmed.</li></ol> <p>* Label the card as “DELETE” or in some other way it can be identified and keep it in a safe location. This card will be used for deleting user cards or user tags from the lock.</p>
Reset The Lock	<ol style="list-style-type: none"><li>1. Press and hold button “2” for 2 seconds.</li><li>2. The lock long beep once and start flashing green.</li><li>3. Hold a blank card to the lock.</li><li>4. The lock will beep once.</li><li>5. The delete card has been successfully programmed.</li></ol> <p>* Label the card as “DELETE” or in some other way it can be identified and keep it in a safe location. This card will be used for deleting user cards or user tags from the lock.</p>

## Bluetooth App

1. Make sure the lock is powered.
2. Download the Kerong Admin app from the Apple App Store or Google Play Store to the primary phone you want to use to manage the lock.
3.  Click the link icon in the top right corner to open the list of detected Bluetooth devices.

4. Find your lock in the list. It will be listed by its serial number.
  - The serial number can be found on the top face of the lock body.
5. Input the pairing password.
  - This is the PIN located on the top face of the lock by the serial number.
6. Bind your mobile number and input the management verification code.
  - The default code is 000000. This can be changed in the app once connected.

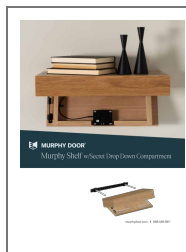


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## Documents / Resources



[MURPHY DOOR 2024 Murphy Shelf with Secret Drop Down Compartment](#) [pdf] Installation Guide

2024, 07, 12, 2024 Murphy Shelf with Secret Drop Down Compartment, 2024, Murphy Shelf with Secret Drop Down Compartment, Secret Drop Down Compartment, Drop Down Compartment, Down Compartment, Compartment

## References

- [Hidden Doors | Hidden Bookcase Door | Secret Bookshelf Door – Murphy Door®](#)
- [User Manual](#)

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