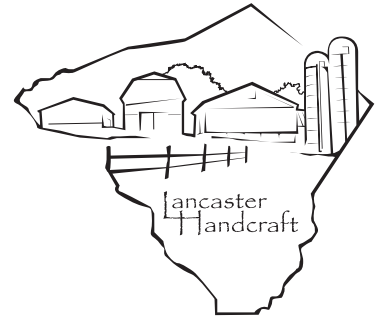


Murphy Bed

Installation Instructions



Before you begin...

make sure you have the proper tools required to assemble your Murphy bed.

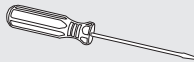
Stud Finder



Electric Drill with Phillips Head, Square Head and standard 1/8" drill bit or countersink bit (additional bits needed for anchoring to masonry)

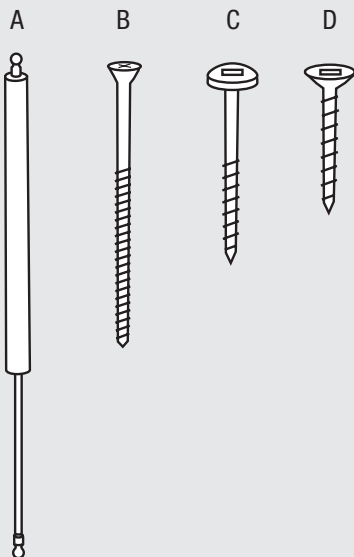


Very narrow Flathead Screwdriver



Confirm that the following hardware is included. If you find you are missing anything, please call us at 717-475-2856.

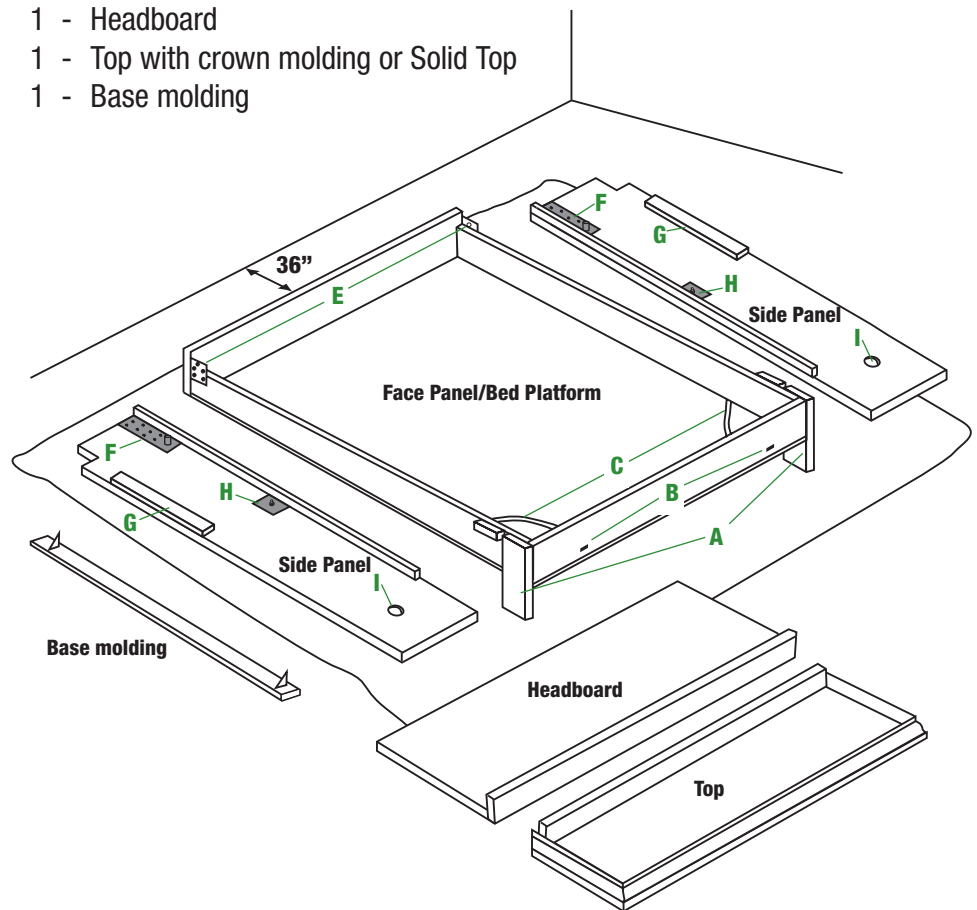
- A - Gas Pistons (qty 2)
- B - 3-1/2" #9 Drywall Screws
- C - 1-1/4" Screws
- D - 3/4" Screws



Step 1 – Bed Layout

Your bed will include the following:

- 1 - Face Panel/Bed Platform with pre-installed legs (A), safety stops (B), mattress straps (C), pivot pins (D) and piston plates (E)
- 2 - Side Panels with pivot mechanisms (F), headboard strips (G), piston plates (H) and pre-installed bed stops (I)
- 1 - Headboard
- 1 - Top with crown molding or Solid Top
- 1 - Base molding



Place face panels face down on a blanket or carpet with pivot holes toward the wall. Bottom of bed should be roughly 36 inches from wall.

Raise top of bed so that the legs are in position.

Remove Bed Stops (I)

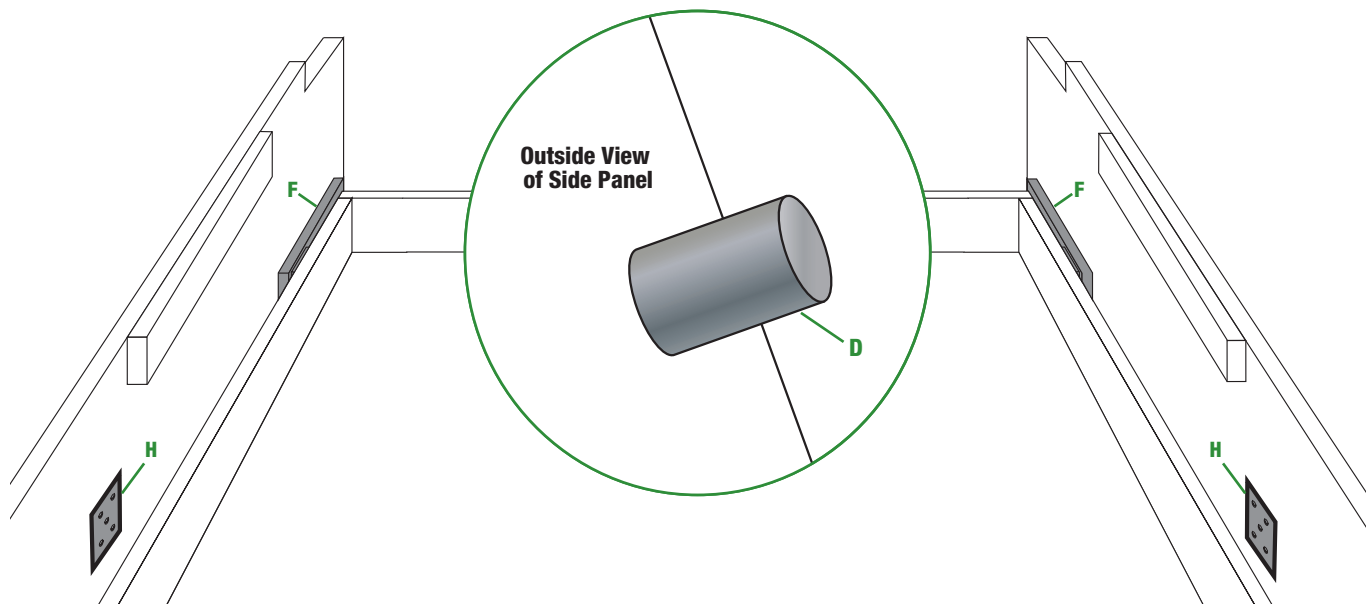


Improperly installed Murphy Beds can lead to serious injury.

This is a light to medium handyman job. Please read and follow all instructions. Verify that screws are installed everywhere as indicated in the manual. If you do not feel confident that your Murphy Bed has been safely installed, please either re-anchor the Murphy Bed or contact a professional installer for assistance.

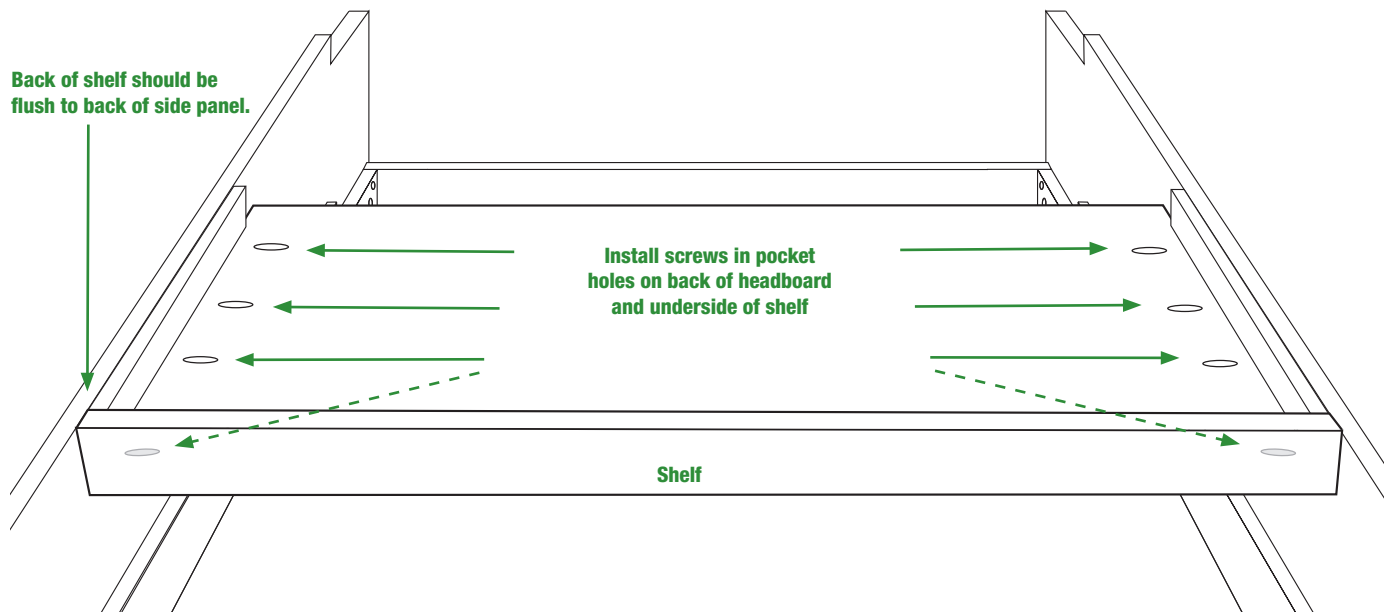
Step 2 – Side Panels

Position side panels beside the bed with front edges to the floor.
Slide pivot mechanism (F) onto pivot pin (D).



Step 3 – Install Headboard

Use 1-1/4" screws (Screw C) to install headboard on top of headboard strip (G). Install bottom of headboard at the 18" mark so that the back of shelf is flush with the back of each side panel.



Step 4 – Raise Side Panels and Install Top

Figure A: Now that the back/headboard and side panels are installed, stand the side panels of the bed up. **CAUTION** - do not allow the face panel to fall to the floor. Raising the side panels will casue the face panel to move as well, sliding the legs along the floor. Be sure to hold the face panel up.

Figure B: Slide side panels between crown molding and side strips (outside header strips). For Solid Tops with no Crown molding, slide the side panels between the side strips and header strips (outside the header strips).

Caution: From behind the bed, be sure that the top rests completely on the sides and that there are no gaps between the top of the side panels and the plywood top. Measure from the floor to the bottom of side strips on top at the back and the front. The measurement should be equal. If the measurements are different the top is not yet resting on side panels. The top needs pulled down onto the side panels. This will be a snug fit.

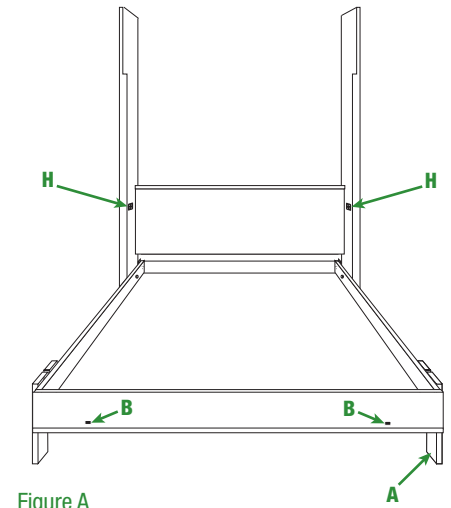
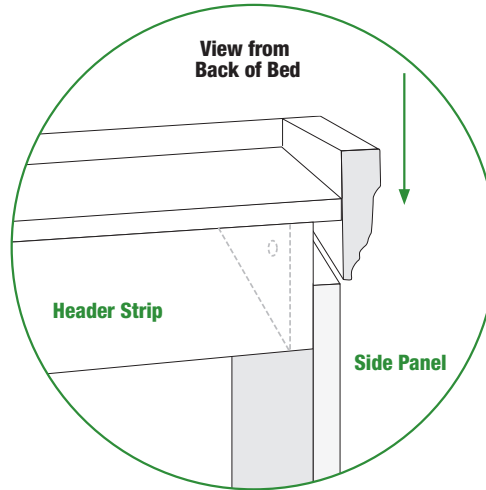


Figure A

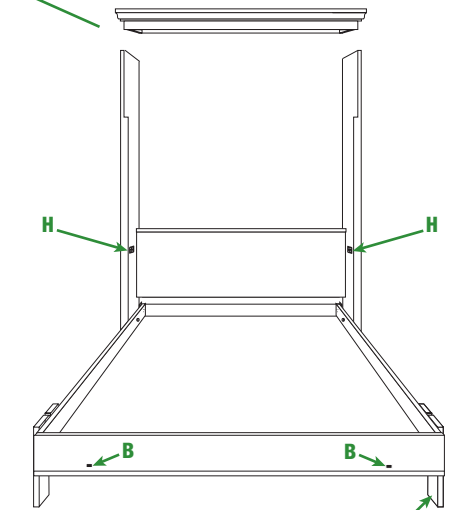
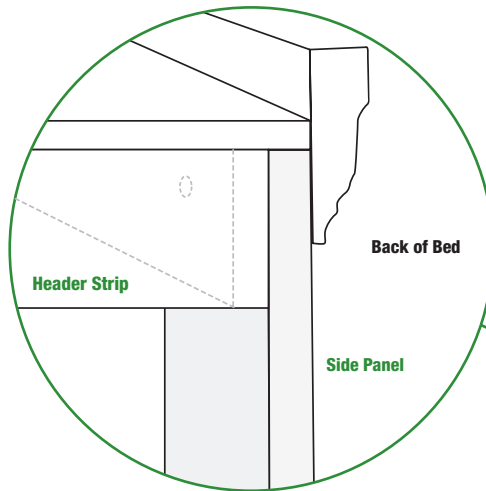


Figure B

Figure C: Once the top is properly placed, use 1-1/4" screws (Screw C) to install top. Screw 3 screws into 3 predrilled holes on side strips and 1 pocket hole in back side of the front header strip. Repeat on the other side for a total of 8 screws to fully fasten top.

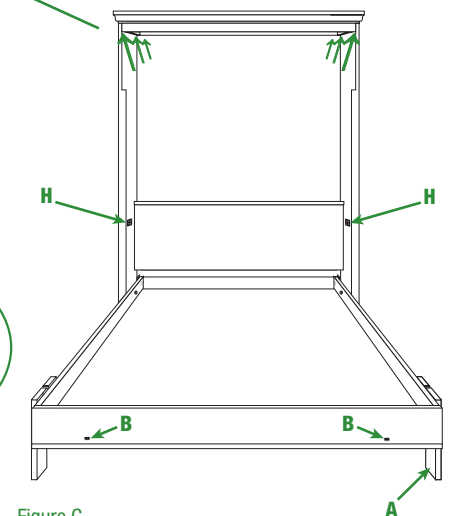
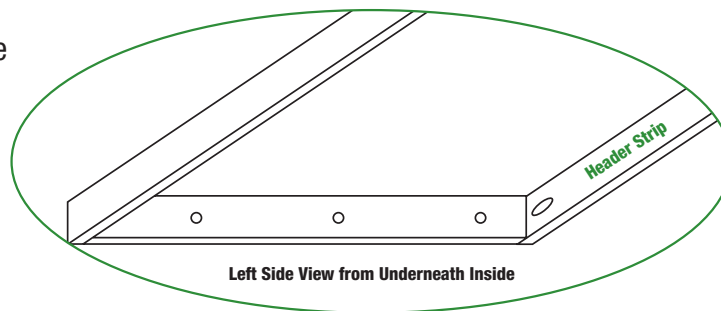


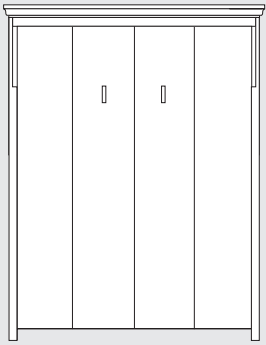
Figure C

Step 5 – Anchoring to Wall - be sure to read the appropriate section

IMPORTANT!

Before anchoring to wall...

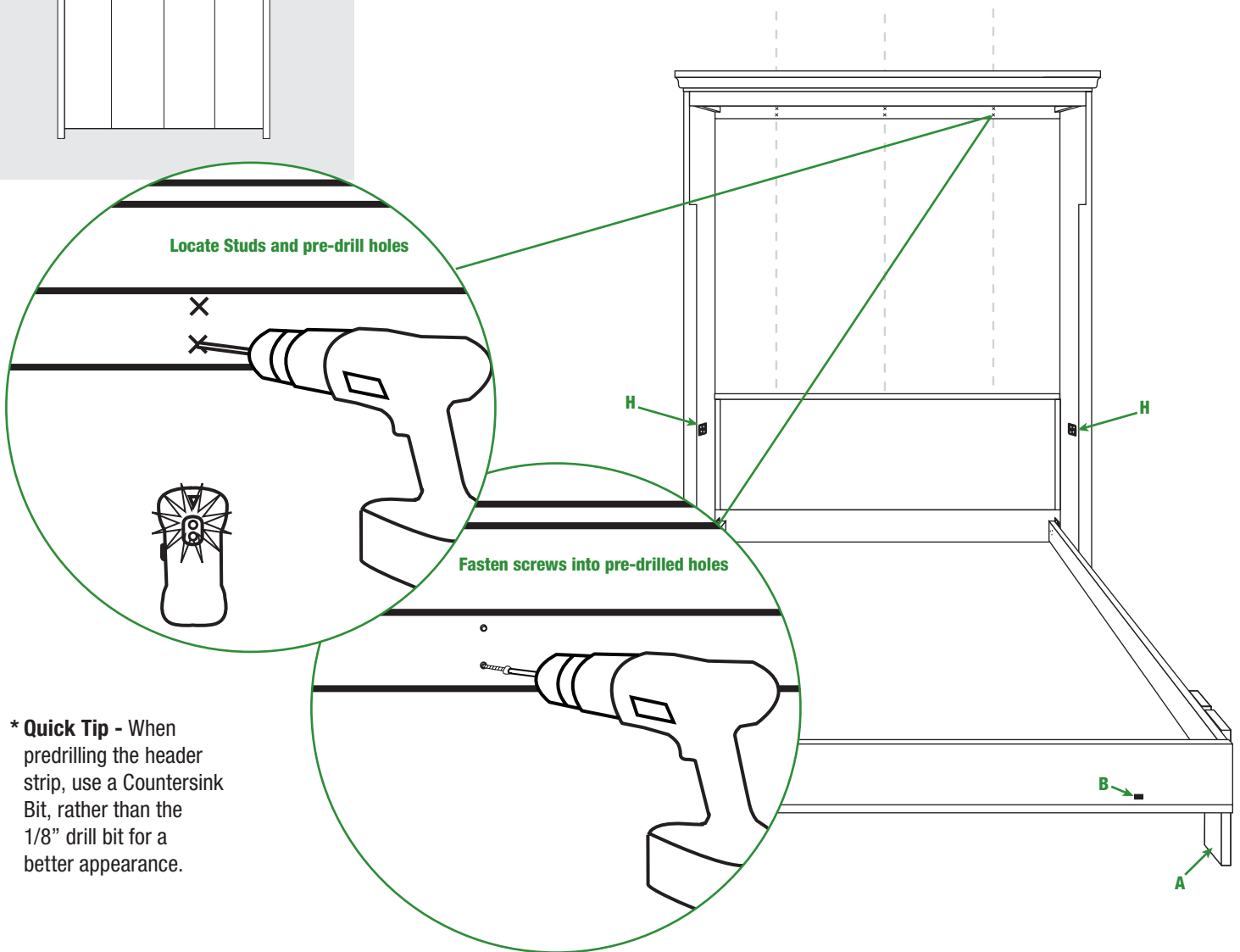
Make sure that top and sides are plumb and squared on the wall so that the bed's face panel will close properly. This step is important so that the mounting process does not need to be redone.



WOOD STUD ANCHORING

Leaving the face panel down, pivot up side panels, headboard and top (all should be connected at this point) and position bed into place and level (+/- 1/8 inch). Side panels and header strip must be flush to the wall. Remove any floor/wall molding that prevents the side of the bed from being flush.

Use stud locator to find the center of at least 3 studs on wall below the header strip. Using a standard 1/8" drill bit, pre-drill 2 holes per stud through header strip and drywall into center of stud. Fasten header strip to wall through the pre-drilled holes with 3" drywall screws (Screw B). For walls with extra barrier (i.e. firewalls), use 3-1/2" screws. The screws must be driven into the wall studs for maximum strength.



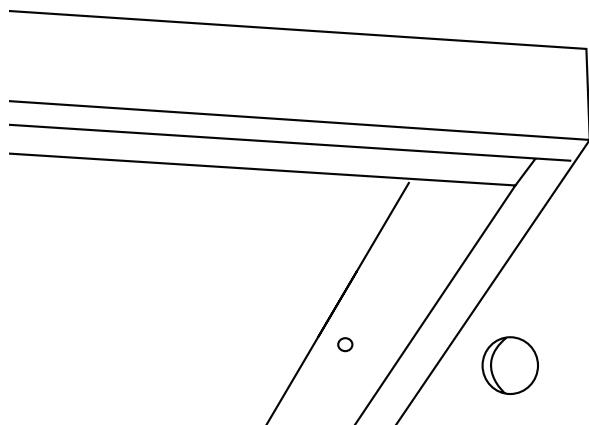
* **Quick Tip** - When predrilling the header strip, use a Countersink Bit, rather than the 1/8" drill bit for a better appearance.

METAL STUD ANCHORING

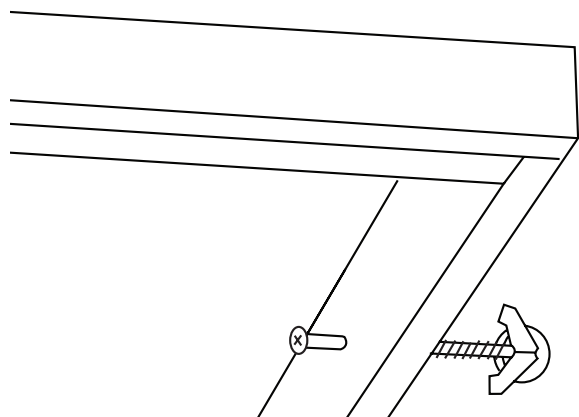
Leaving the face panel down, pivot up side panels, headboard and top (all should be connected at this point) and position bed into place and level (+/- 1/8 inch).

Side panels and header strip must be flush to the wall. Remove any floor/wall molding that prevents the side of the bed from being flush.

With the bed away from the wall a few inches, use a metal drill bit, drill four to six holes (approximately 3/4" in diameter) into the drywall where the studs have been marked. Pre-drill holes into the studs as well as the header strip using a normal wood drill bit.



Hand thread screws through the header strip and screw on toggles to the other end. Place the bed against the wall. Pinch the toggles together and push through the hole. Finish by using a power drill to secure the bed to the wall.



MASONRY ANCHORING

Leaving the face panel down, pivot up side panels, headboard and top (all should be connected at this point) and position bed into place and level (+/- 1/8 inch).

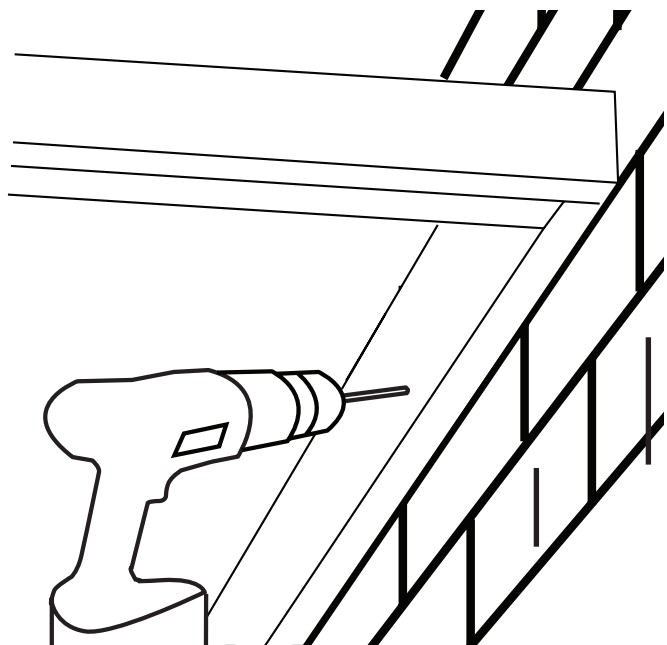
Side panels and header strip must be flush to the wall. Remove any floor/wall molding that prevents the side of the bed from being flush.

Mark four to six spots on the wall across the width underneath header strip.

Using a masonry bit, pre-drill four to six holes into the brick wall above the marked spots.

Using a wood drill bit, pre-drill four to six holes in the header strip of the Murphy Bed correspond to the holes made in the brick wall.

Using masonry screws, secure the Murphy Bed to the wall with a power drill.



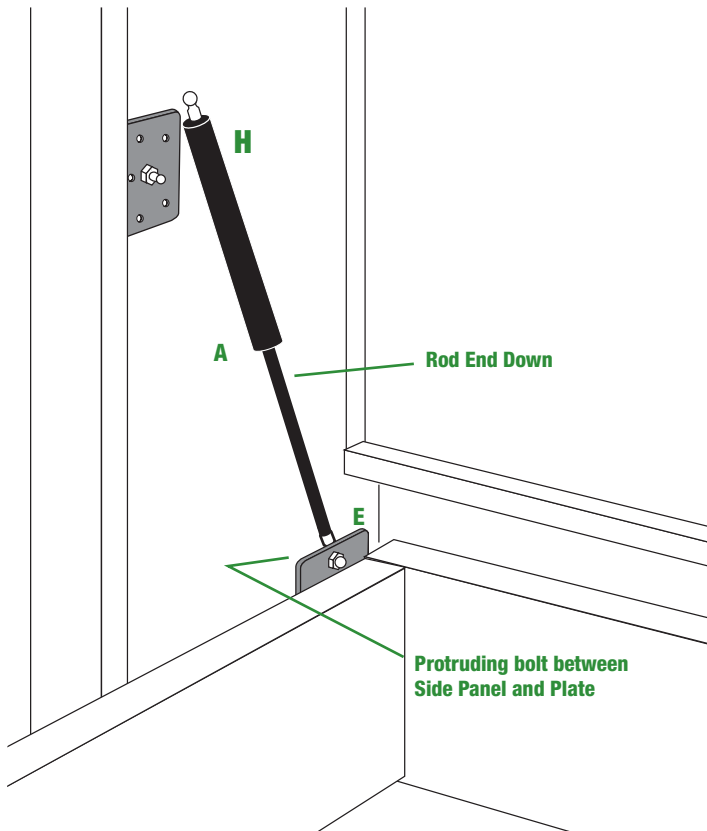
Step 6 – Fasten Bottom of Gas Pistons

Make sure that Pistons are Rod End Down. Securely snap the head of Rod End of Piston onto the protruding round end of the bolt on Piston Plate (E).

DO NOT FASTEN TOP OF PISTON TO PISTON PLATE (H).

Rest the top of the piston above the ball nut which would be towards the letter H in the drawing below.

Repeat on other side.



Warning! Resting the piston end of the piston between the ball joint and side panel as in this drawing will result in damage to the piston when lowering or closing the bed.

Step 7 – Fasten Top of Gas Pistons

Slowly lift bed to wall. Close the bed further than the normal closed position until the Piston Plate (H) and piston are visible. If you lift the bed and the unfastened piston falls down or is not visible resting on the Side Panel, you will need to make sure any unfastened piston is pushed back away from the H plate which is towards the wall that the Murphy Bed is attached to for the piston to be in the correct positioning

Warning! (See WARNING below) before lowering the bed back down to repeat step 7.



When visible, snap the piston onto the Piston Plate (H) making sure that the piston is fully secured onto the plate.

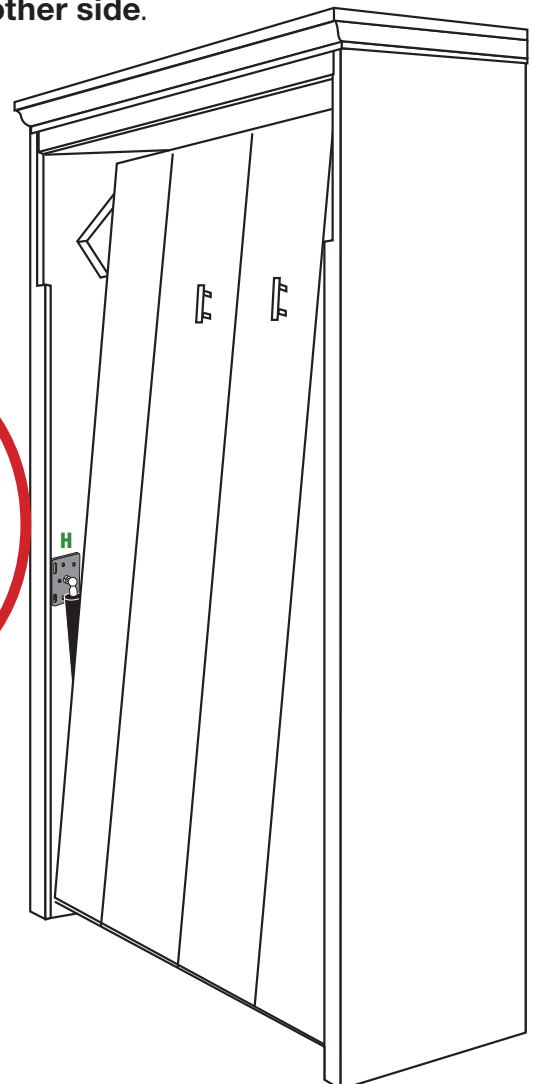
The Piston plate is preinstalled loose to allow the plate to move which will help with attaching the piston onto the ball head. It is important to add the additional screws and tighten the preinstalled screws to secure the piston plate to the side cabinet

Repeat on other side.

Warning!



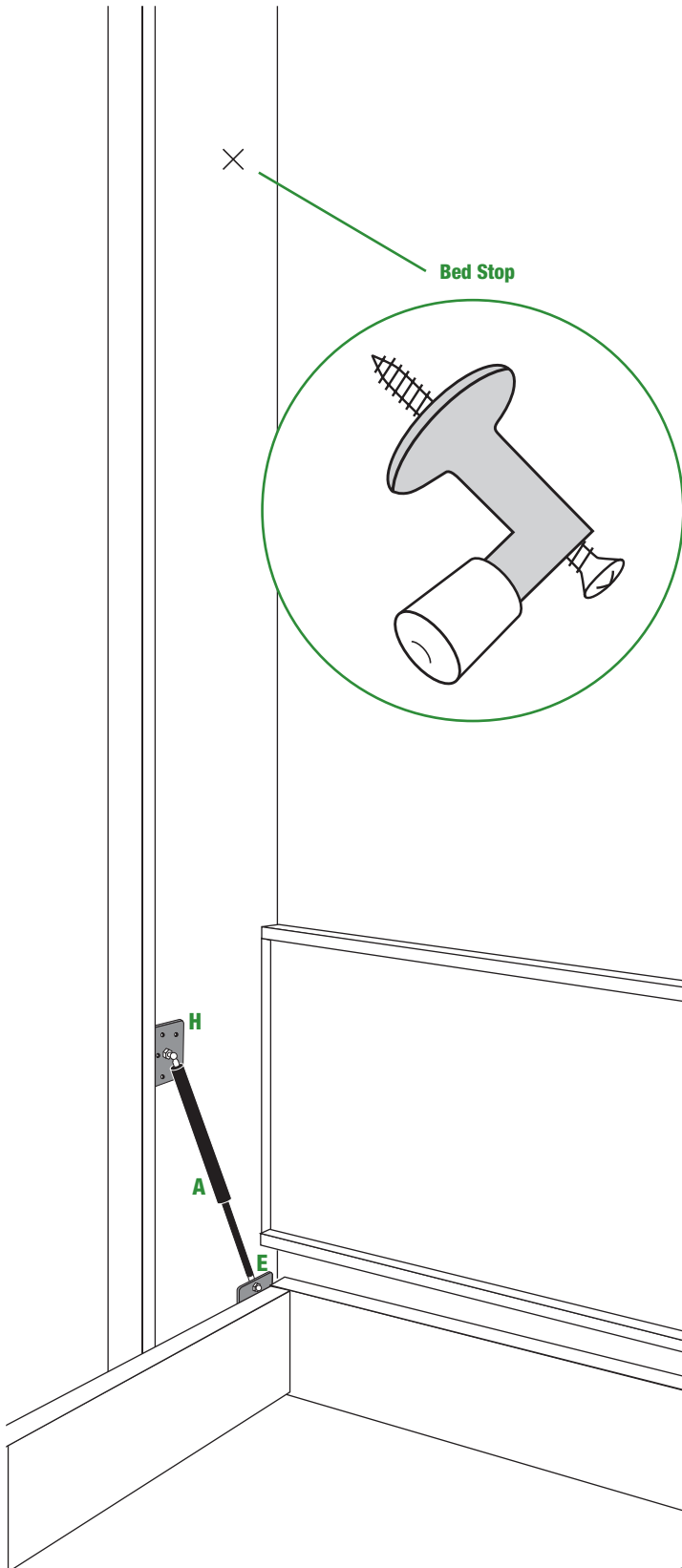
Incorrect



Step 8 – Final Steps

Lower the bed. To release bed, push in at top of both legs (A). This releases the Safety Clips.

Re-install Bed Stops (I) with white end toward front.

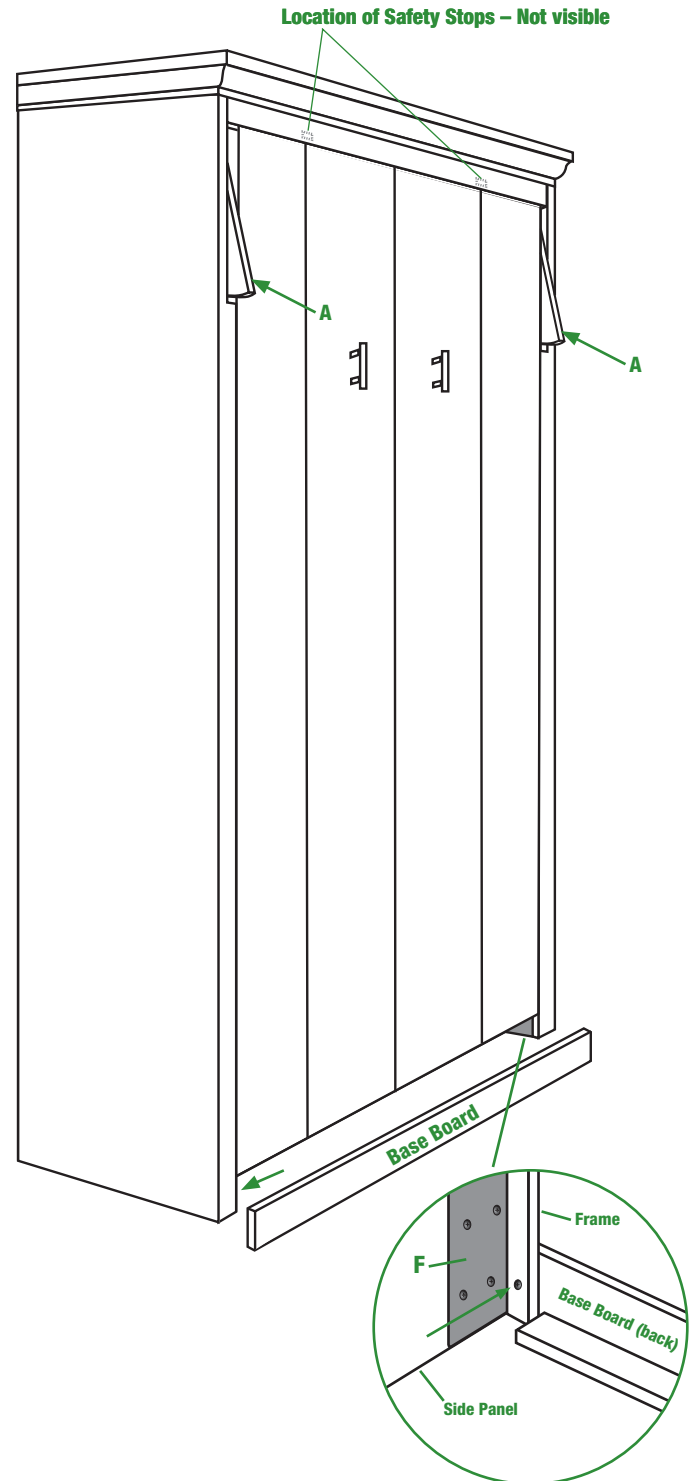


Step 9 – Final Steps

Close bed so that face panel is flush with side panels. Push legs down so that Safety Stops (B) engage into position.

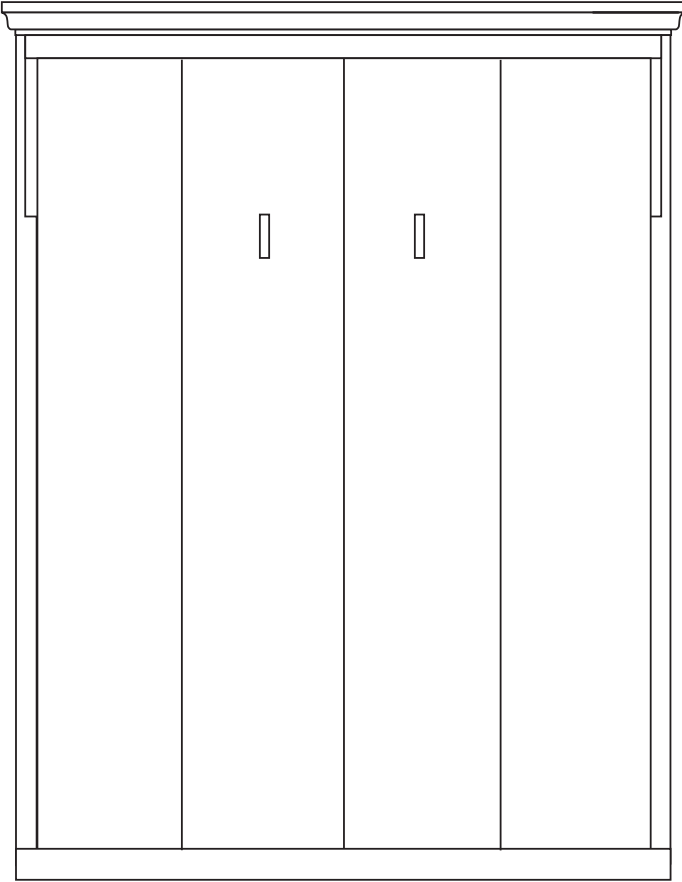
To release bed, push in at bottom of both legs See arrows in figure below at position (A). This releases the Safety Stops.

Attach Base Board with screws through back of frame into Base board.



Congratulations!

You just completed your Murphy Bed installation.
Enjoy!



Improperly installed Murphy Beds can lead to serious injury.

Please ensure that your Murphy Bed has been securely and properly anchored to the wall.

Prior to using your bed you should feel confident that the bed had been securely attached to at least three studs.

Please check to ensure that there is no play or shifting when the bed frame is pushed or pulled away from the wall. The bed should feel like a “rock solid” part of the wall.

If you do not feel confident that your Murphy Bed has been safely installed, please either re-anchor the Murphy Bed or contact a professional installer for assistance.