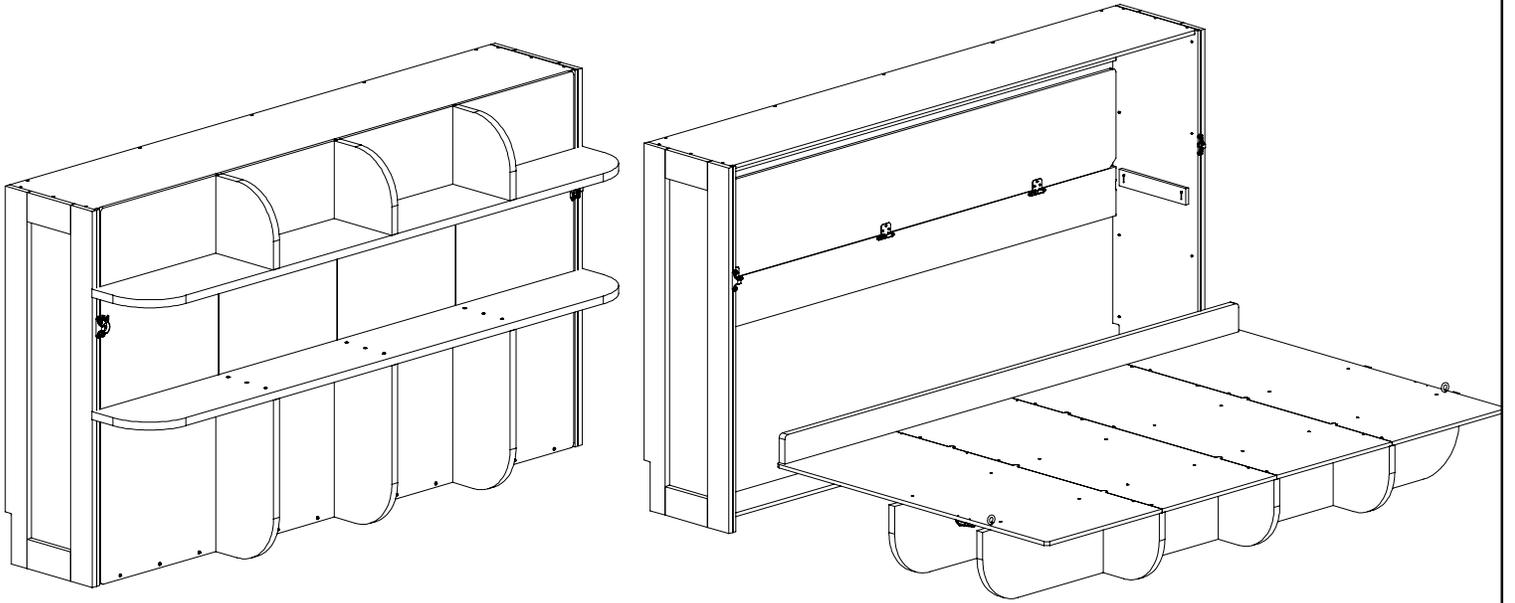

LORI WALL BEDS



Horizontal Twin
Ready-To-Build Wood Kit

Assembly Instructions



Hello and Welcome!

Thanks for purchasing a ready-to-build Lori Wall Bed kit. By following the steps outlined in these assembly instructions, you'll be building your own Lori Wall Bed, one of the simplest and most affordable Murphy beds available. Please read the following information before you get started.

Check Out the Video

We've posted a step-by-step video on our YouTube page, which makes a lot of these steps even easier to understand. While it's designed for our vertical beds, the steps are nearly the same. You can find it on our Lori Wall Beds channel at: <https://youtu.be/5ldv8eoOmLY>

Safety is Your Responsibility!

The Lori Wall Bed is special because it doesn't use any complicated, expensive lifting mechanisms. This makes it simple to build and very affordable.

But this also presents some unique safety challenges. For one, with no lifting aids, you will be lifting the bed platform using your own body strength. To do this safely, you must lift with your legs, not your back, and keep your core muscles strong and tight. Get some help if you need it, and choose the lightest mattress you can.



WARNING: Because there is no lifting mechanism, you must lift and lower the bed platform with your own strength. **THE LORI WALL BED IS HEAVY, AND LIFTING HEAVY OBJECTS MAY RESULT IN BODILY INJURY.** Be sure to exercise safe lifting techniques, and if you are not able to lift the bed yourself, **DO NOT ATTEMPT TO DO SO WITHOUT ASSISTANCE.**

Second, the Lori Wall Bed is a heavy piece of furniture. This means it will last your family a long time. But it also means that we don't want it opening up into the room unexpectedly. That's why we require you to use locking hardware when the bed is folded, which we have included in the hardware kit.

But consider your specific circumstances. Do you have small children, pets, elderly relatives or those with special needs around the house? You might want to consider additional locking hardware, perhaps with a small padlock and key, just to be extra safe.



WARNING: THE LORI WALL BED IS HEAVY. DROPPING HEAVY OBJECTS ON PEOPLE OR PROPERTY MAY RESULT IN BODILY INJURY OR PROPERTY DAMAGE. Make sure the area is clear before attempting to raise or lower the bed platform.

Finally, the cabinet portion of the bed must be anchored to the wall. You don't want the cabinet falling down on you when you open the bed, and locking hardware only works when the cabinet is fixed to the wall.



WARNING: FAILURE TO ANCHOR THE BED TO THE WALL CORRECTLY CAN RESULT IN THE PRODUCT FALLING AND CAUSING BODILY INJURY OR PROPERTY DAMAGE.

Please follow all the instructions in this document to ensure safe use of this product.

Bottom line: safe assembly and use of your Lori Wall Bed is your responsibility. You are choosing to build a Lori Wall Bed and are doing so at your own risk. As such, we cannot be held responsible for accidents during the construction or unsafe use of the Lori Wall Bed.

We're Always Looking for Ways to Improve

Lori designed this bed many years ago to meet her own needs for a simple, affordable do-it-yourself wall bed. Since then, we've received lots of feedback from customers and revised the design and instructions.

That said, if you think there is a better way to do something, or you just have a question that isn't clearly answered by the plans, please let us know! Many answers can be found at our site, www.LoriWallBeds.com, or you can send us an email at info@loriwallbeds.com. Not only will we help you through the question, but we may revise future editions of these plans based on your feedback. We're very happy to hear from you!

Share your Success on Facebook and Instagram!

We LOVE hearing stories and seeing pictures of our customers' beds. We're constantly amazed by your creativity and really enjoy hearing how the Lori Wall Bed fits into your life.

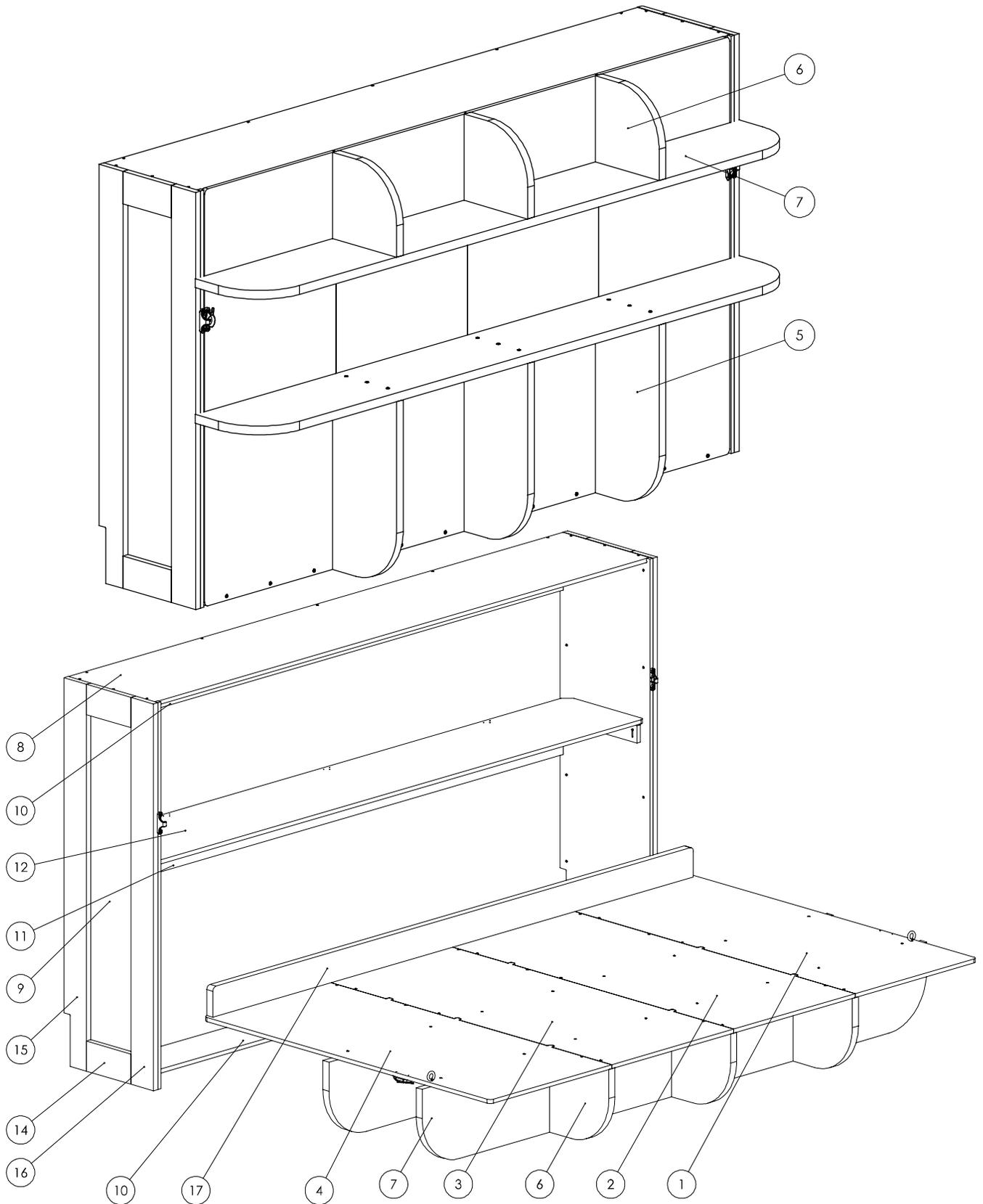
Please share your photos with us! You can post your bed on Facebook, and tag us @LoriWallBeds so others can see it. Or, share it on Instagram and mention @LoriWallBeds in the post. We can't wait to see how yours turns out!

Time to Get Building!

That's it! Now it's time to put your Lori Wall Bed together. Happy building!

-- The Lori Wall Beds Team

Lori Wall Bed Parts Diagram

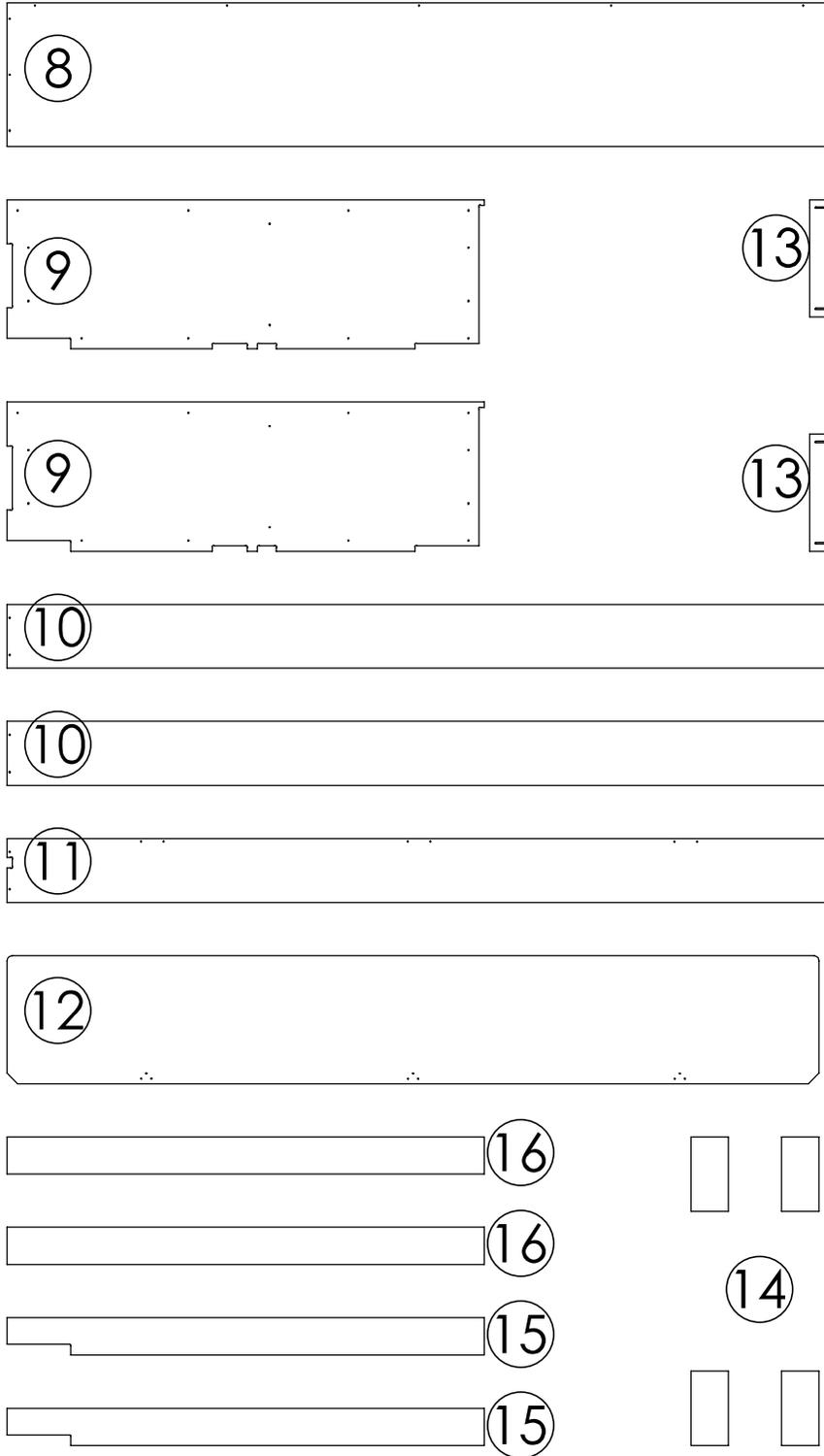


Horizontal Twin Assembly Instructions

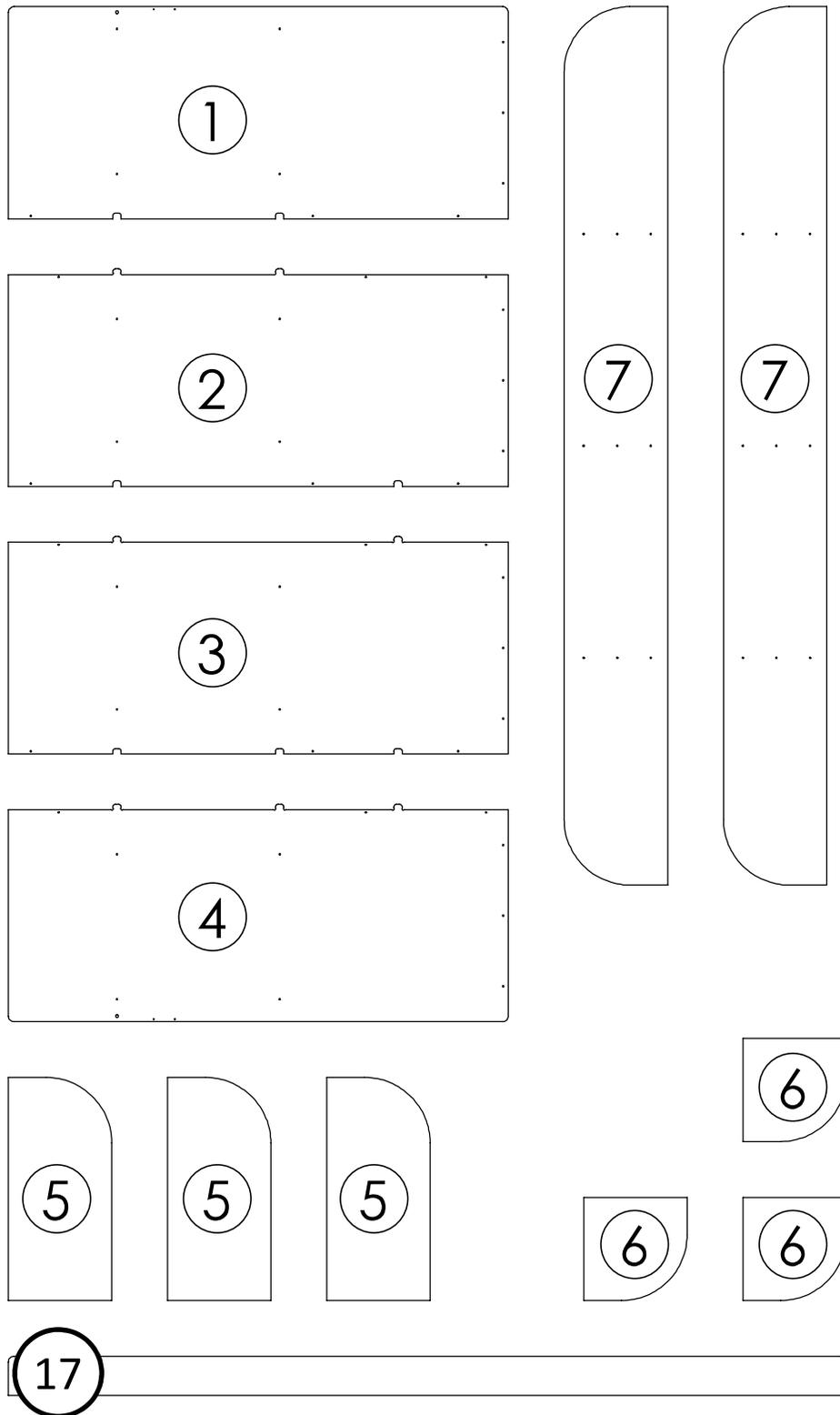
Lori Wall Bed Parts List

| Part Number | Part Name | Quantity |
|-------------|-----------------------|----------|
| 1 | Mattress Panel 1 | 1 |
| 2 | Mattress Panel 2 | 1 |
| 3 | Mattress Panel 3 | 1 |
| 4 | Mattress Panel 4 | 1 |
| 5 | Rocker | 3 |
| 6 | Bullnose | 3 |
| 7 | Front Shelf | 2 |
| 8 | Cabinet Top | 1 |
| 9 | Cabinet Side | 2 |
| 10 | Cabinet Brace | 2 |
| 11 | Headboard Shelf Brace | 1 |
| 12 | Headboard Shelf | 1 |
| 13 | Headboard Shelf Rest | 2 |
| 14 | Side Trim 1 | 4 |
| 15 | Side Trim 2 | 2 |
| 16 | Side Trim 3 | 2 |
| 17 | Mattress Rest | 2 |

Cabinet Parts Diagram

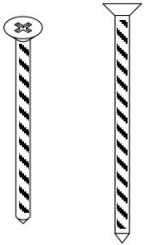


Mattress Platform Parts Diagram

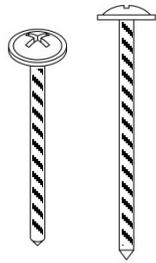


Hardware Diagrams

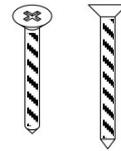
2 1/2" Wood Screws



2 1/2" Washer Head Screws



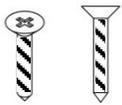
1 1/2" Wood Screws



1" Wood Screws



1/2" Wood Screws*



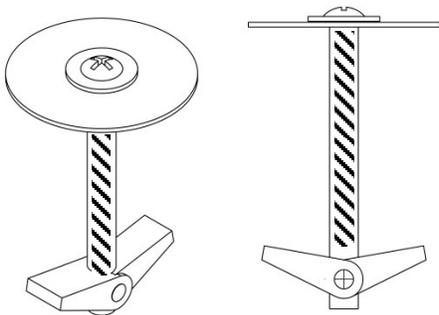
Eye Bolt Screws x 2



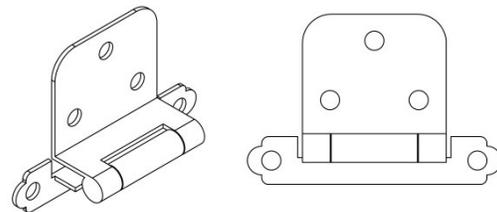
Strap to Secure Mattress



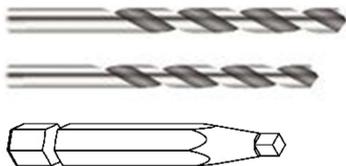
Toggle Bolt Assembly x 4



Headboard Shelf Hinges x 3



Drill Bits

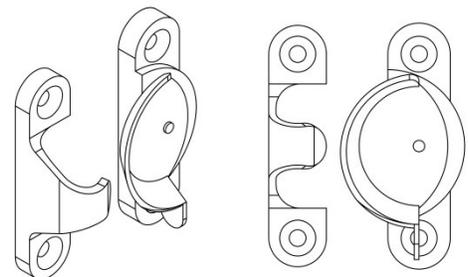


For Pilot Holes

For Safety Lock Holes

For Driving Screws

Safety Locks x 2



*As noted later in the "Headboard Shelf Assembly" step, some of our Headboard Shelf Hinges were mistakenly packed with 3/4" screws, when 1/2" is really the appropriate length. If your kit contains a separate bag of 1/2" screws, use those with the hinges. If not, they are already correctly packed with the hinges.

Basic Overview of Steps

Here is a quick overview of the whole project ahead of you. Each step is detailed with words and pictures in the pages that follow. Refer to the diagrams at the beginning of this document as necessary. **Read this entire plan from start to finish before beginning your project.**

1. Assemble the CABINET. Attach cabinet trim to cabinet sides. Attach the HEADBOARD SHELF to the HEADBOARD SHELF BRACE. Connect the cabinet sides with the CABINET BRACES and TOP. Lean the CABINET up against the wall, and level the HEADBOARD SHELF with the SUPPORTS. (pages 11 – 18).
2. Put together the SHELF ASSEMBLIES as shown. Lay them on the floor, and assemble the rest of the PLATFORM on top. Attach the PLATFORM to the SHELVES. Flip it over and attach the MATTRESS REST. Flip it again and attach your EYE SCREWS (pages 18 – 23).
3. This is probably the right time to paint or stain your bed if necessary.
4. Anchor the CABINET to the wall with TOGGLE BOLTS or other hardware (page 24).
5. Tilt your PLATFORM up and attach your LOCKS (pages 25 – 26).
6. Tilt your PLATFORM back down, strap in your mattress. Stand back and admire your masterpiece!
7. Share your story and some pictures on your Facebook page and tag us @LoriWallBeds, or post to Instagram and mention @LoriWallBeds

Remember, There's an Assembly Video

As mentioned previously, we've gone through this entire assembly process on our Youtube channel, YouTube.com/LoriWallBeds. Specifically, the video for this project can be found at <https://youtu.be/5ldv8eoOmLY> While this video was made for the vertical bed, the steps are basically the same. Follow along with us there and the whole process will be easier to understand.

We also include notes throughout the plans to help you find the exact part of the video where the step is demonstrated.

Tools for this Project

Below is our recommended list of tools for this project. We've designed the ready-to-build kit to require the least amount of tools possible.

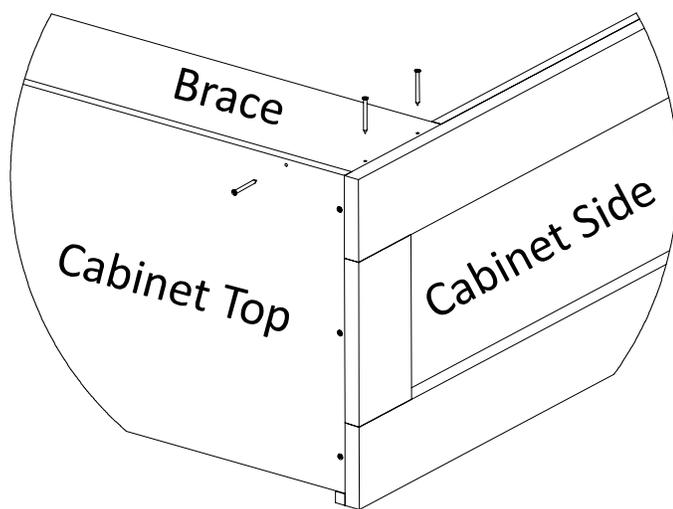
- Safety equipment. Always wear proper safety equipment when working with tools. Gloves, protective eyewear, earplugs and dust masks all make woodworking safer and more comfortable. No matter what gear you use, SAFETY IS YOUR RESPONSIBILITY.
- Battery operated drill. For driving screws and drilling pilot holes
- Drill bits. We've included a square-tipped driver bit for driving the screws in our hardware kit. We've also included two drill bits. The larger one is for the majority of your pilot holes, and the smaller one is specifically for the smaller screws used by the safety locks. If you decide to use toggle bolts to anchor your project, you'll also need a **1/2" drill bit.**
- Measuring tape, pencil, level, etc. These are not strictly required, but may come in handy.
- Paint or stain, sandpaper, brushes, etc. For finishing your project.



WARNING: When using power tools and other equipment, use appropriate care, including use of protective eyewear, gloves, earplugs, and dust masks.

About Pilot Holes

We have already drilled most of the holes you'll need, specifically all those on the "face" of each piece. But drilling holes on the edges of boards is difficult and expensive in a manufacturing process. It's much simpler to do as you build the bed. So to keep this kit affordable, we've left a few of them up to you. See the example below.



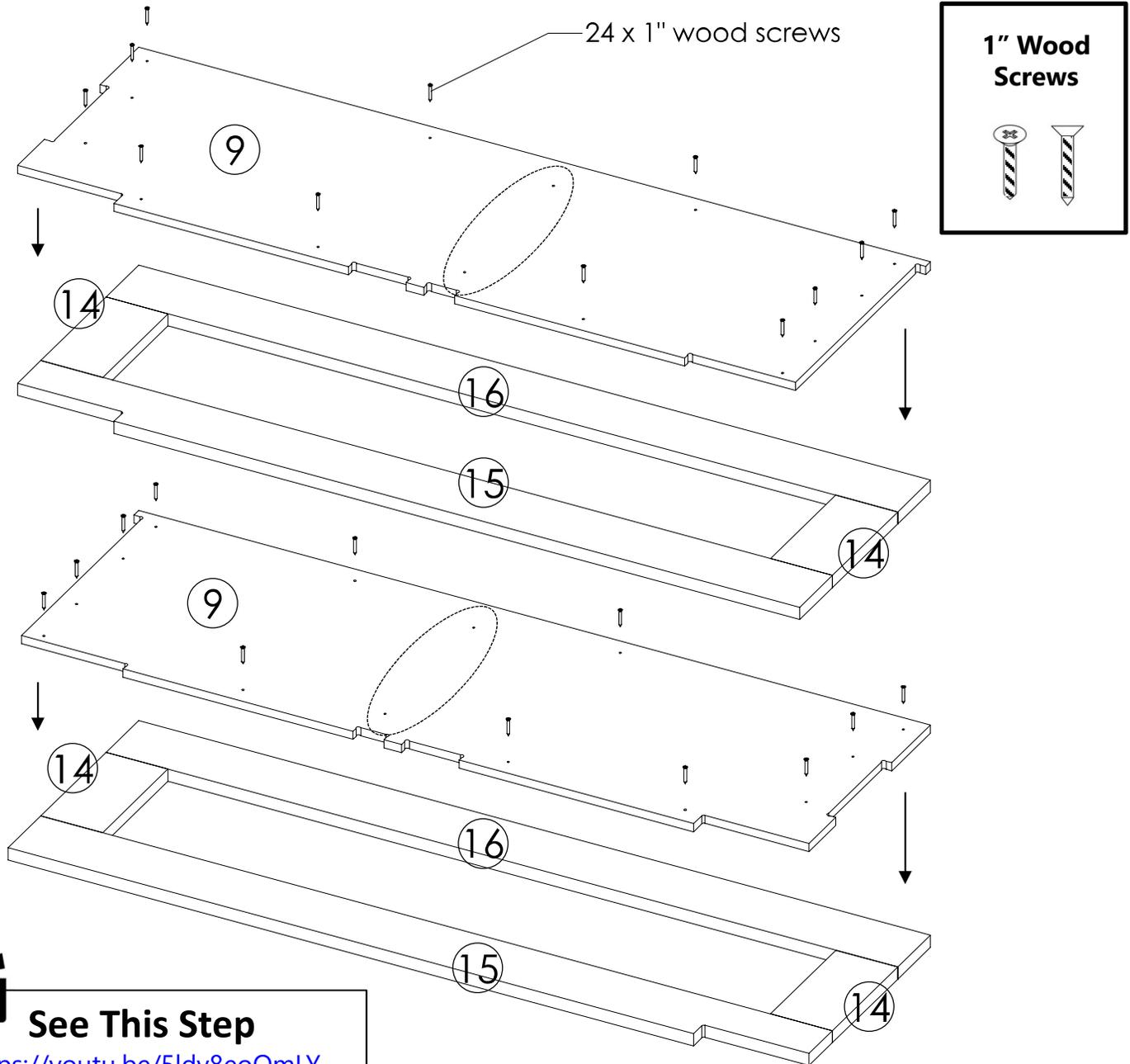
In "Cabinet Assembly 4" on page 16, the Brace needs to be attached to the Cabinet Side. The Brace has the holes in the right place, but the Cabinet Side does not. So before driving the screw through the brace into the Side, you'll want to use the larger drill bit we included in your hardware kit to create a pilot hole. Just line up the pieces, and drill through the existing hole in the brace to create a perfect corresponding hole in the cabinet side. In this case, you'll need to do that in two places. Then you can drive your screws easily. Same for attaching the Cabinet Top to the Brace.

We've noted where this needs to be done throughout these plans, and it is demonstrated in our assembly video at [YouTube.com/LoriWallBeds](https://www.youtube.com/LoriWallBeds)

Cabinet Side Assembly

Attach the CABINET TRIM (14, 15, 16) to the CABINET SIDES (9), using 1" screws. Each CABINET SIDE will use 16 screws. Note there are two holes set closer together (circled below) that ARE NOT used during this step. Note that you need to make **two mirror image pieces**, one for the left side of your cabinet, and one for the right.

The alignment of these pieces creates certain notches for assembly later. Just be sure the notch in part 15 lines up with the corresponding notch in part 9 and everything else will line up perfectly.



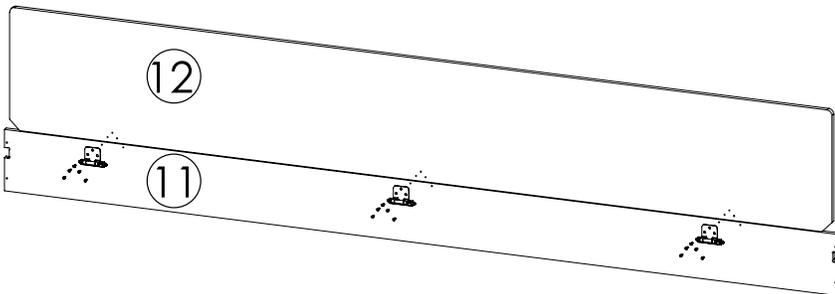
Headboard Shelf Assembly

The HEADBOARD SHELF folds down when the bed is in use so you can place a lamp or alarm clock nearby. Connect the LOWER BACK BRACE (11) and HEADBOARD SHELF (12) in three places using the shelf hinges and 1/2" screws in the pre-drilled holes.

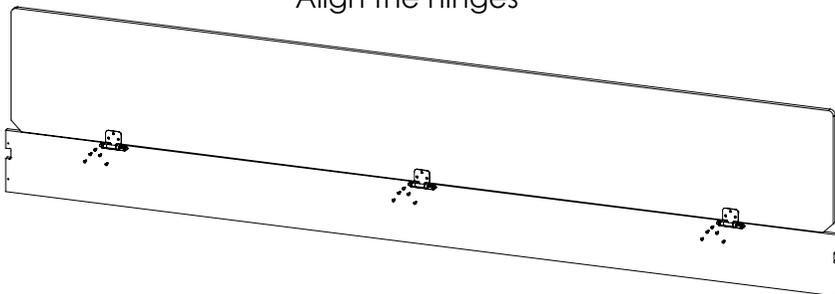
Note: Some of our shelf hinges were mistakenly packed with 3/4" screws which are a little too long. In these cases, we included a separate bag of 1/2" screws for this step. If you have a separate bag of 1/2" screws in your hardware kit, use those for this step, and discard the 3/4" screws packed with the hinges. If you don't have a separate bag of 1/2" screws in your hardware kit, then they are already properly packed with the hinges.



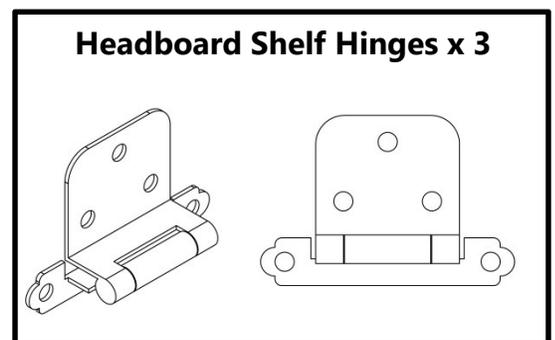
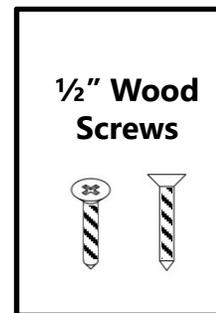
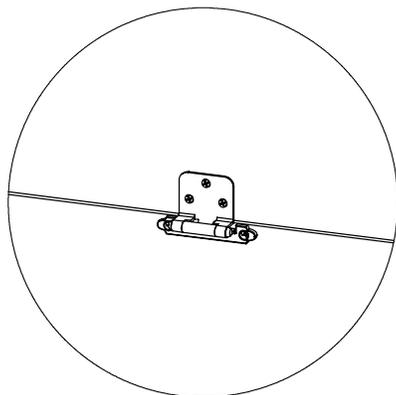
Use 1/2" screws for this step. See note above.



Align the hinges



Use 15 hinge mounting screws



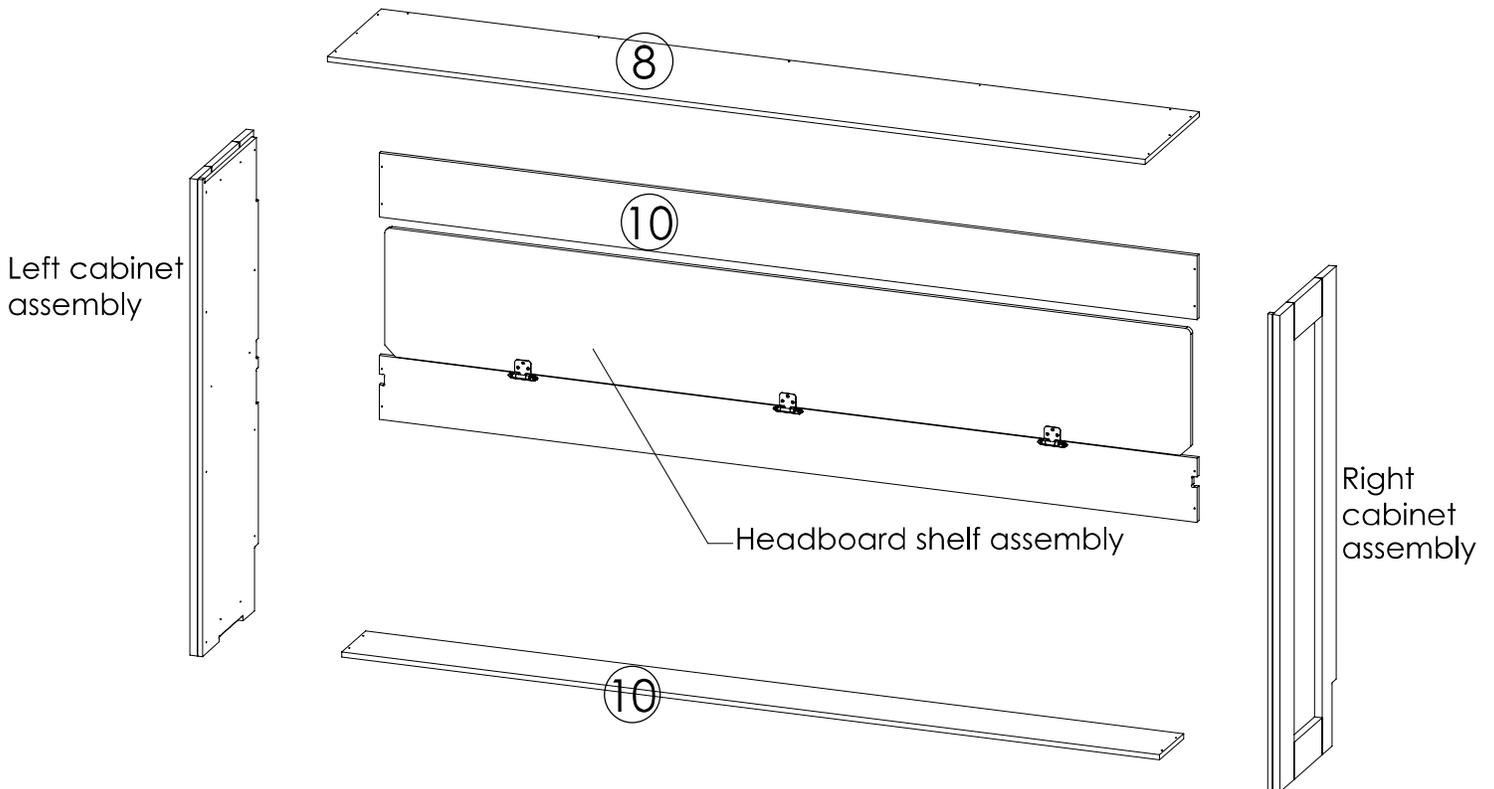
See This Step

<https://youtu.be/5ldv8eoOmLY>

Time: 05:42

Cabinet Assembly

Prepare to assemble the cabinet using the pieces shown below.



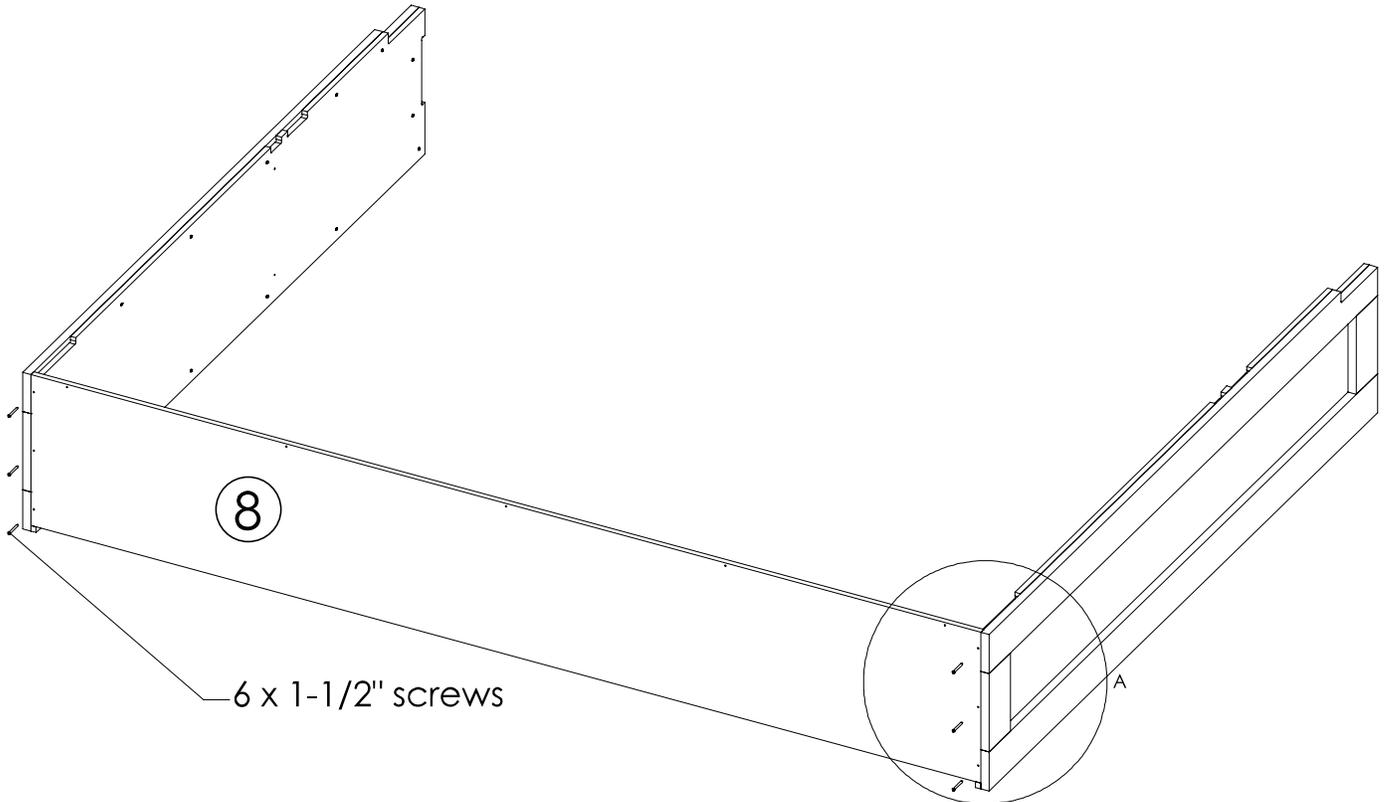
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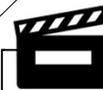
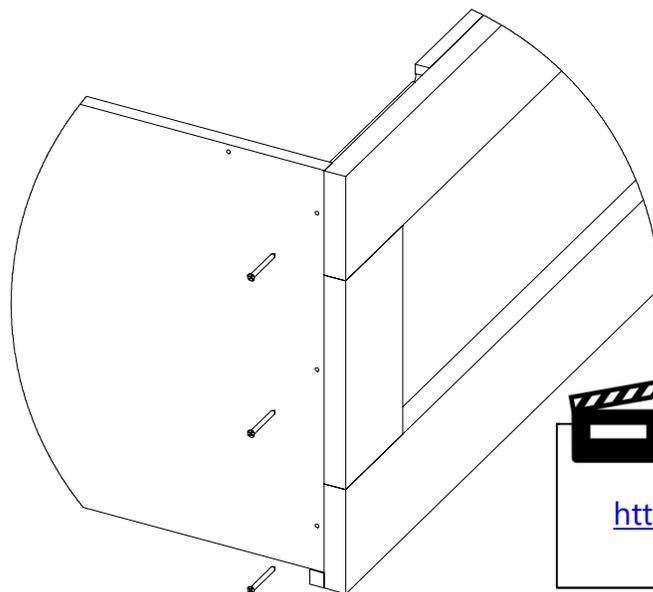
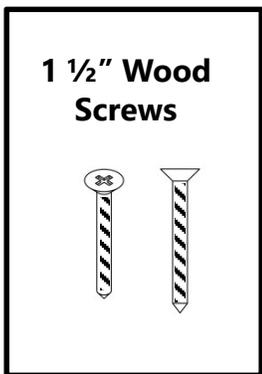
Time: 07:07

Cabinet Assembly 2

A partner comes in handy during this step. Stand the CABINET SIDES on edge as shown below. Fit the CABINET TOP (8) into the spaces in the CABINET SIDES to create a 90 degree angle. Pre-drill and insert 1 1/2" screws through the TOP and into the SIDES, in six places. If you can angle the screws toward the CABINET SIDES slightly, it will create a stronger joint.



6 x 1-1/2" screws



See This Step

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Time: 07:07

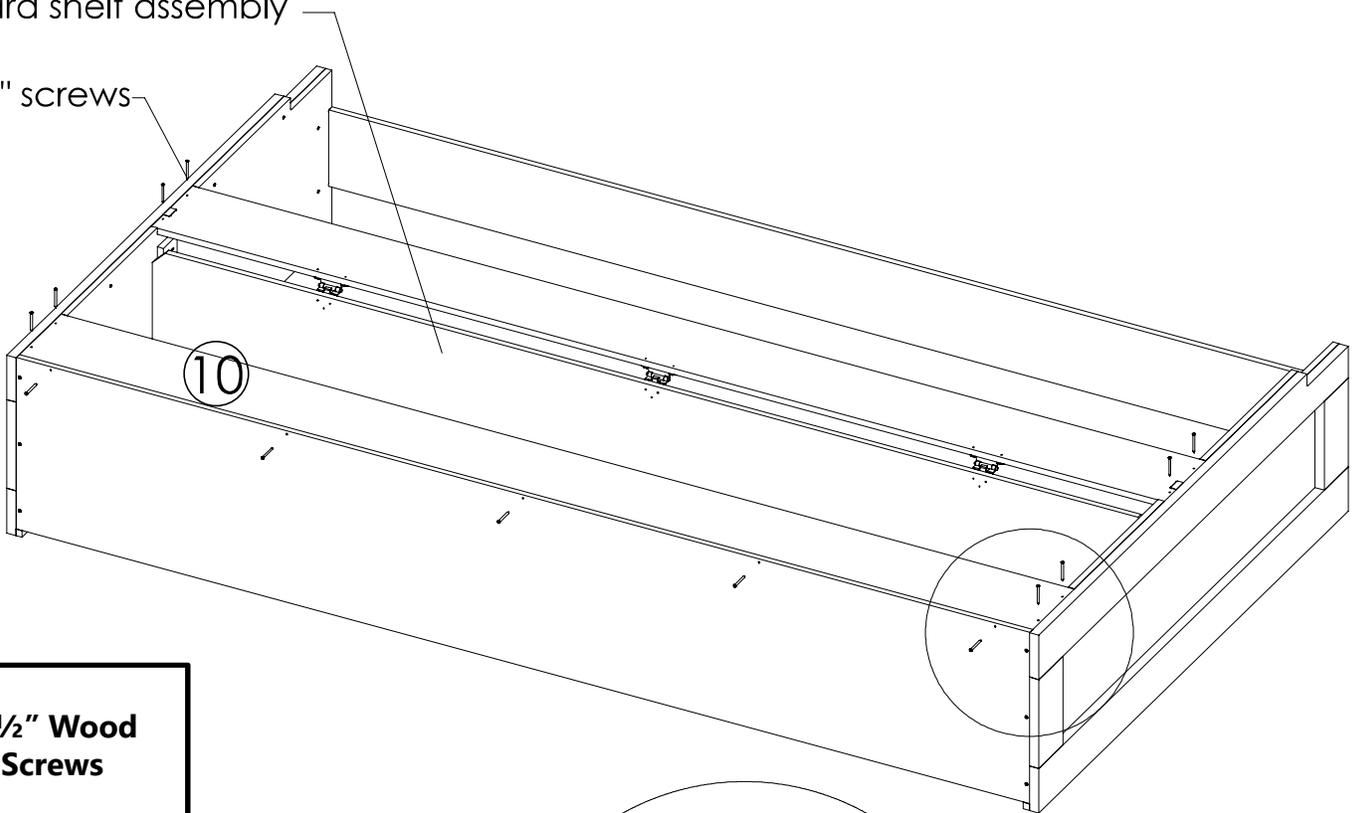
Cabinet Assembly 3

Place one CABINET BRACE (10) into position flush with the CABINET TOP. Fasten with four pilot holes and 1 1/2" screws into the CABINET SIDES at an angle (two in each end), and five screws through the CABINET TOP into the CABINET BRACE. Pre-drill all your holes.

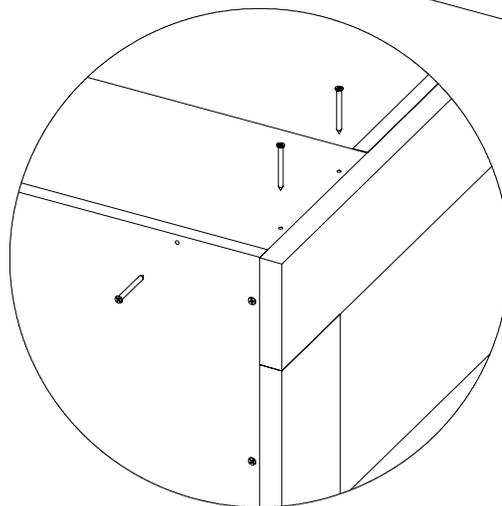
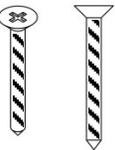
Position the HEADBOARD SHELF assembly into the notches in the CABINET SIDES, and attach with four pilot holes and 1 1/2" screws at an angle. The HEADBOARD SHELF should fold down toward the ground naturally.

Headboard shelf assembly

13 x 1-1/2" screws



1 1/2" Wood
Screws



See This Step

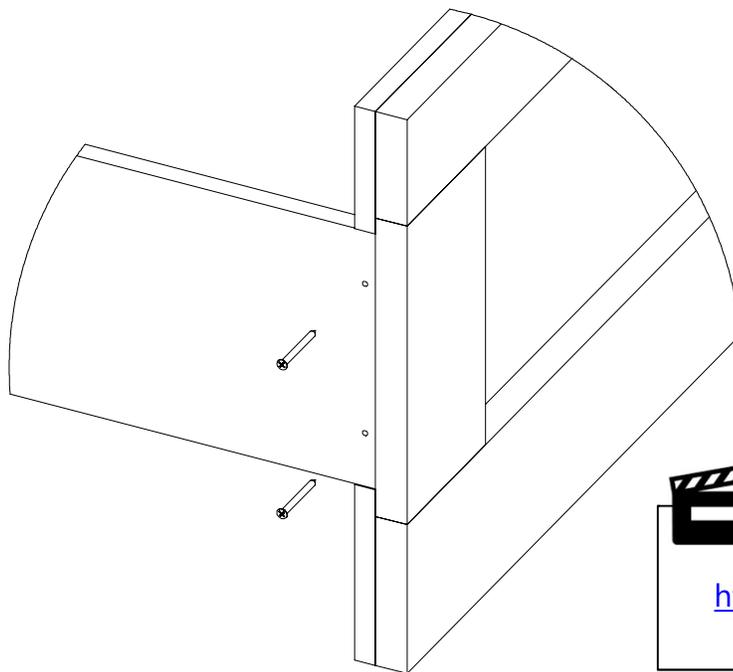
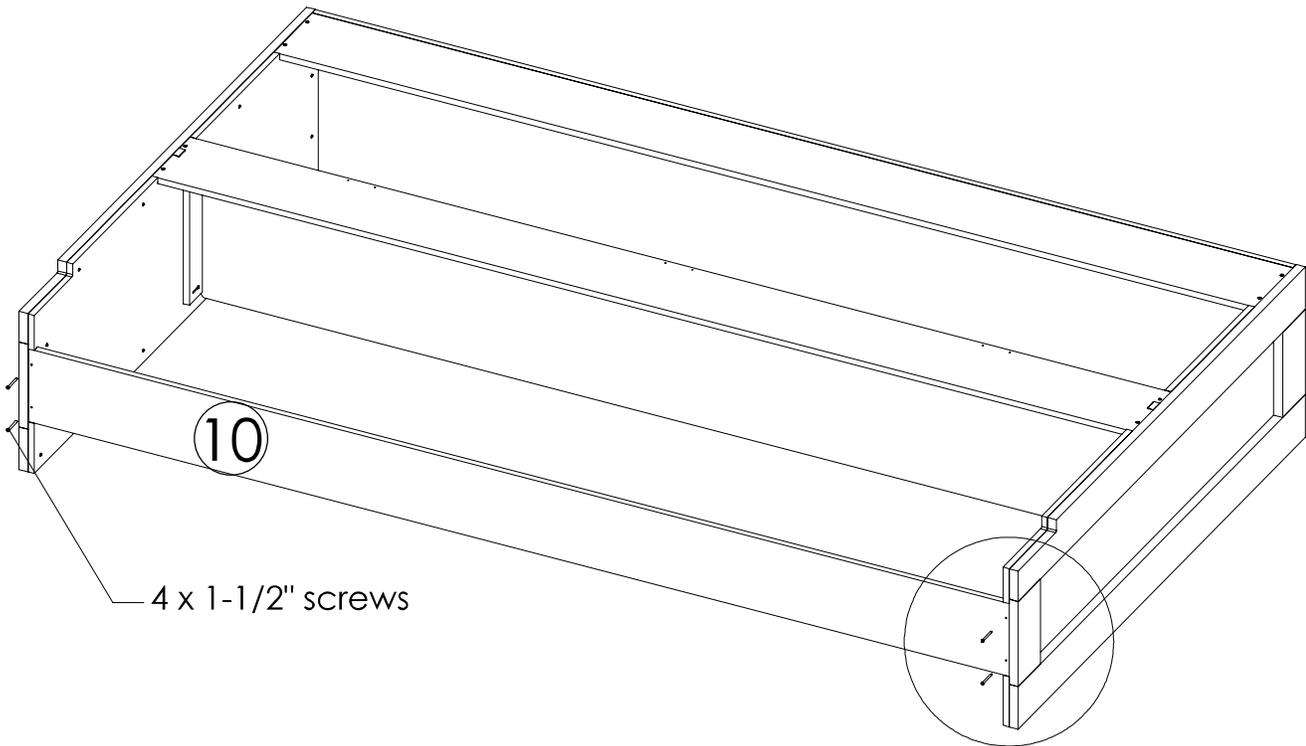
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Time: 07:07

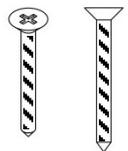
Cabinet Assembly 4

Attach the second CABINET BRACE (10) by fitting it into the notches at the bottom of the CABINET SIDES and securing with four 1 1/2" screws at an angle. Again, predrill your holes.

Now you are ready to stand your cabinet up against the wall.



**1 1/2" Wood
Screws**



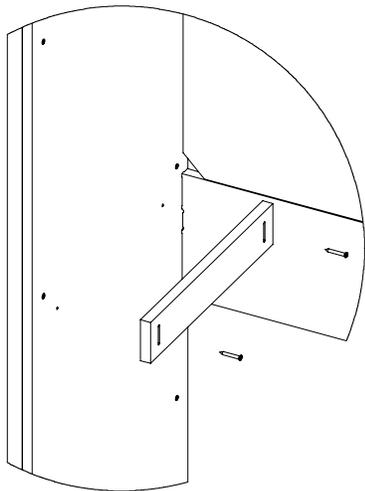
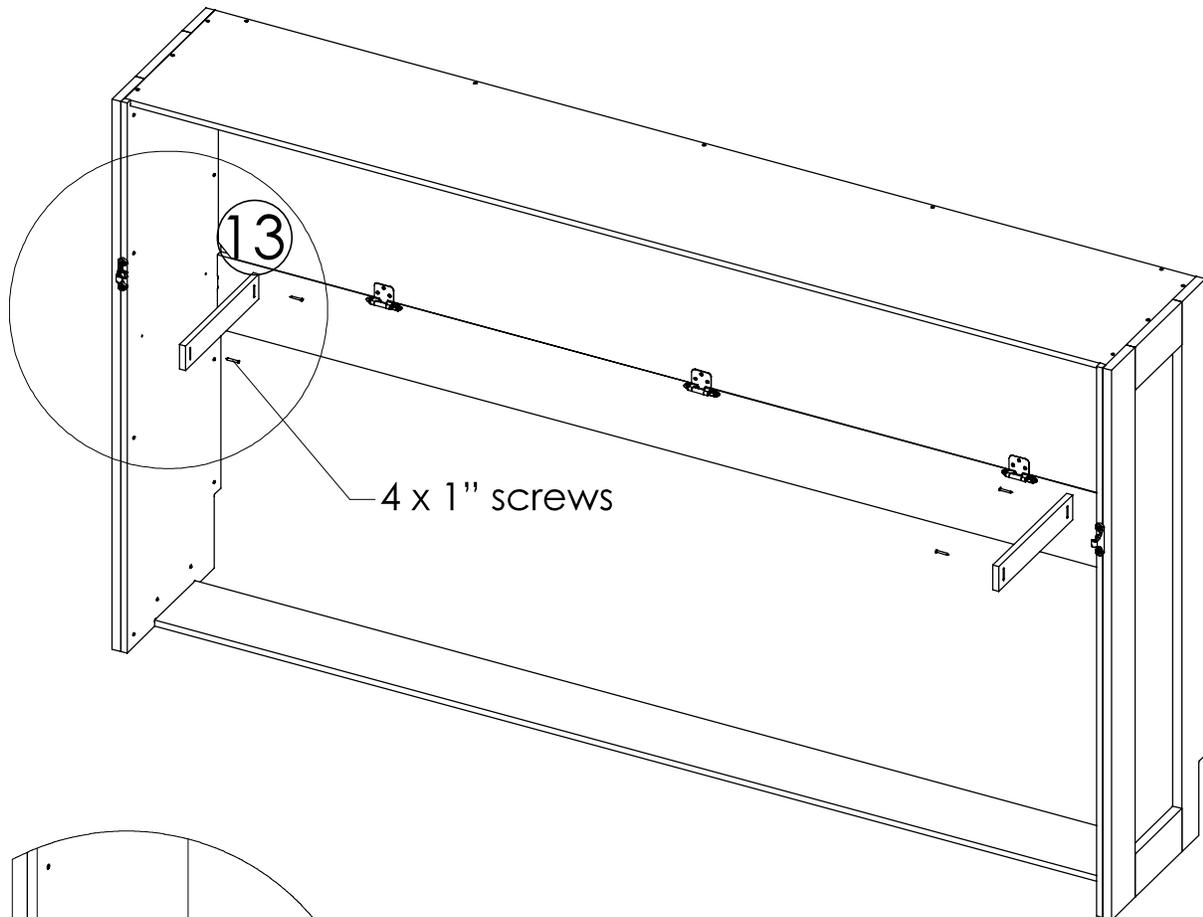
See This Step

<https://youtu.be/5ldv8eoOmLY>

Time: 07:07

Headboard Shelf Leveling

Attach the two SHELF RESTS (13) with 1" screws, but don't tighten them fully. Lower the HEADBOARD SHELF to test for levelness, and tap the SHELF RESTS up or down with a hammer to adjust the position, before tightening fully. You can use a bubble level to help with this step, and most smartphones have leveling apps available for download. See our demo of this process in our assembly video.



1" Wood
Screws



See This Step

<https://youtu.be/5ldv8eoOmLY>

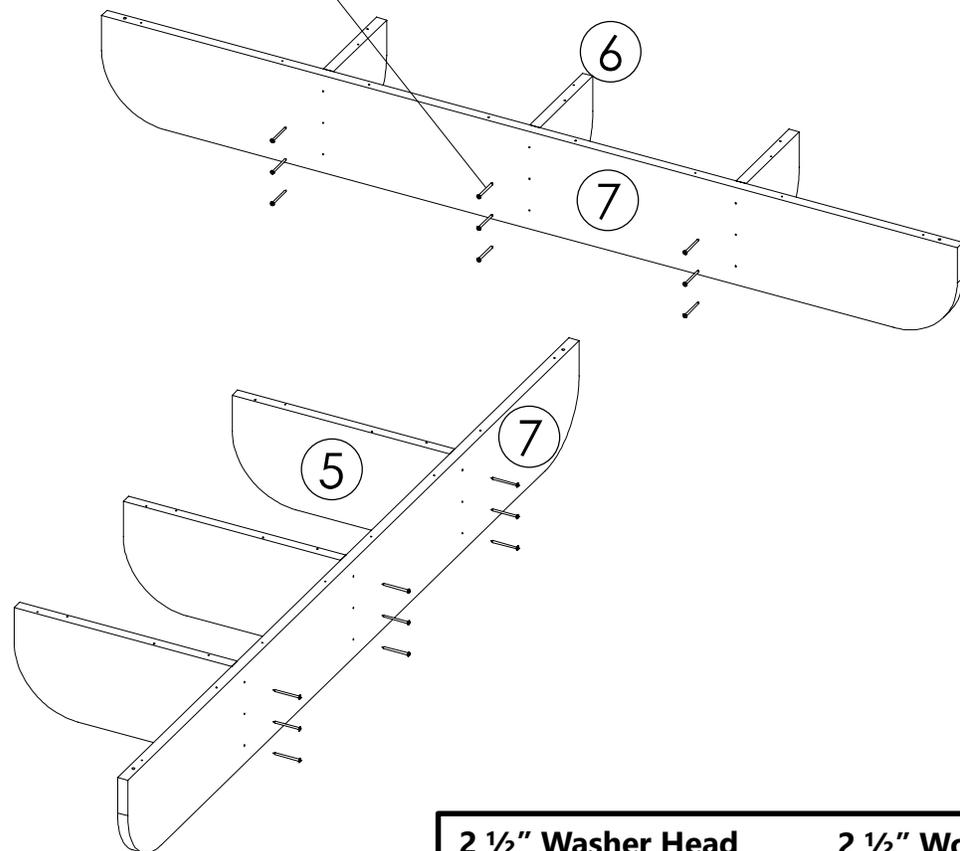
Time: 11:01

Front Shelf Assembly

Attach the three BULLNOSES (6) to a SHELF (7) using nine 2 1/2" washer head screws. Check for the row of three holes in the BULLNOSE, and line it up with the row of holes in the SHELF. No need to predrill these holes.

Likewise, attach the ROCKERS (5) to the other SHELF.

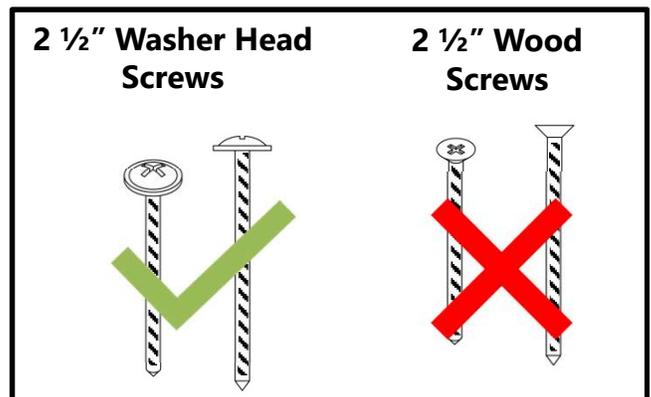
18 x 2-1/2" washer head screws



See This Step

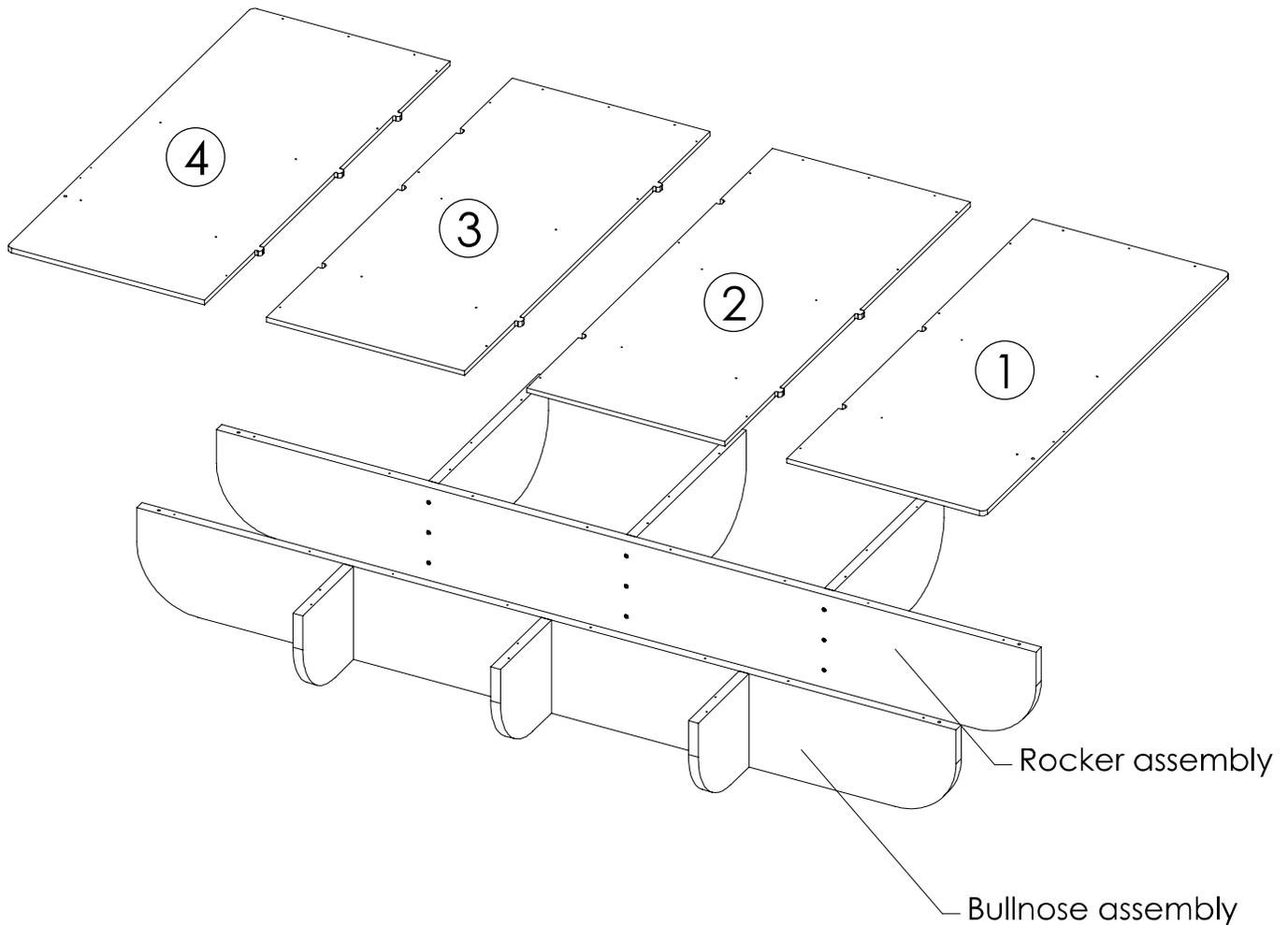
<https://youtu.be/5ldv8eoOmLY>

Time: 13:19



Mattress Platform Assembly

Arrange your SHELF ASSEMBLIES on the floor as shown. Lay down the MATTRESS PANELS (1, 2, 3, 4) as shown, with the less attractive side facing up. Note the row of holes at one end of each MATTRESS PANEL should be at the end near the ROCKERS.



See This Step

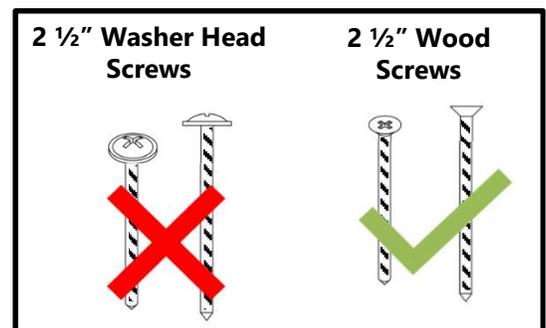
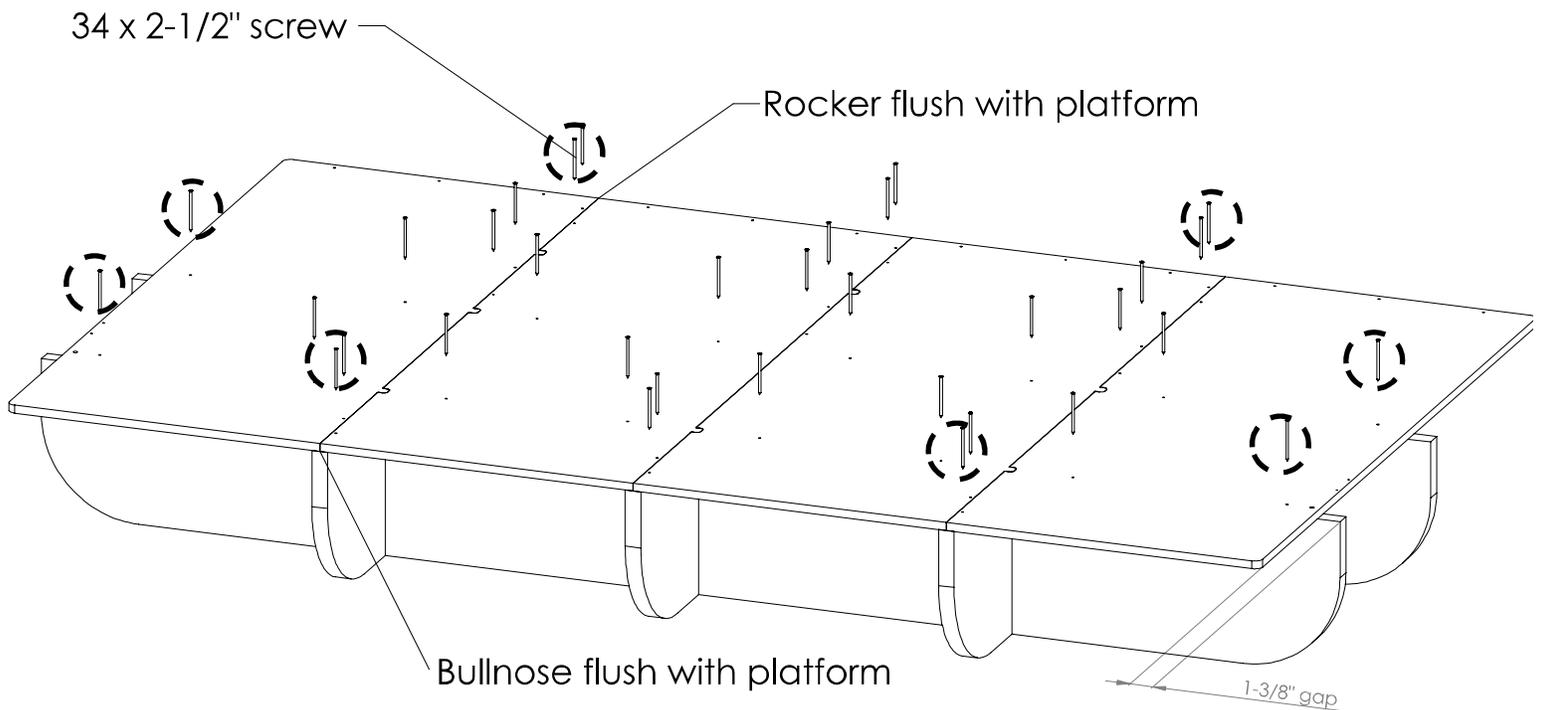
<https://youtu.be/5ldv8eoOmLY>

Time: 14:16

Attach Mattress Panels

Spend some time nudging and adjusting the pieces so that everything lines up well, before you begin adding screws.

- The holes in the edges of your SHELVES, ROCKERS, and BULLNOSES will line up with the holes in the PANELS (1-4)
- The BULLNOSES and ROCKERS should be flush with the ends of the PANELS, and the seams between the PANELS should fall right on top of them.
- The SHELVES should stick out evenly on each side, by 1 3/8"
- Use 2 1/2" wood screws. Begin by adding the screws circled so everything is held in place and won't shift around.
- Ensure the seams stay tightly together and positioned over the centers of the BULLNOSES and ROCKERS as you go.
- Then add the remaining screws.



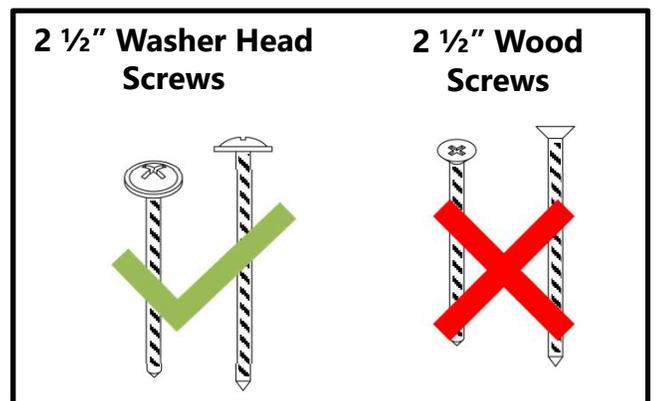
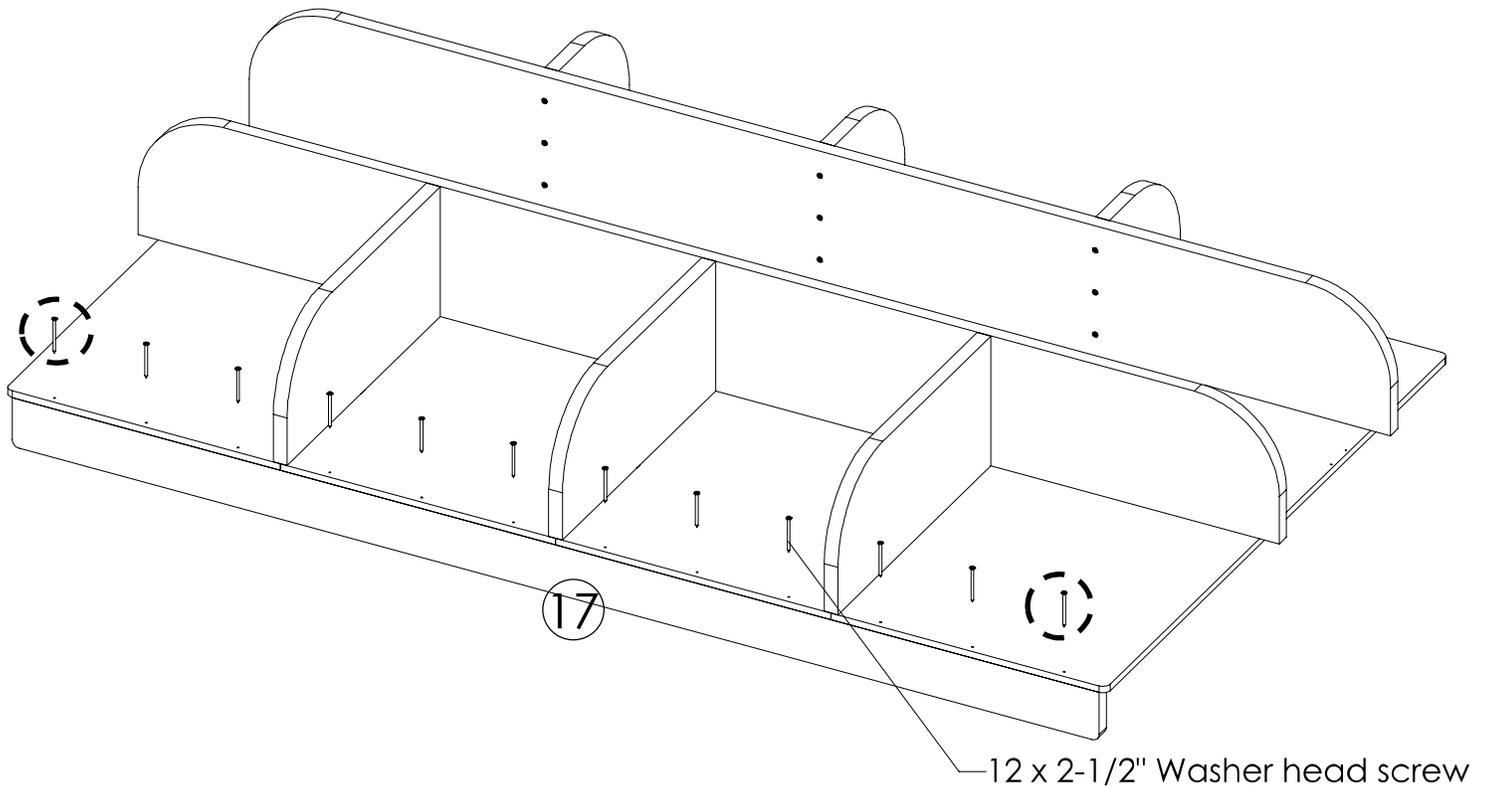
See This Step

<https://youtu.be/5ldv8eoOmLY>

Time: 15:40

Attach Mattress Rest

Flip the platform over, with a partner if needed, and position the MATTRESS REST (17) under the row of holes at the end of the platform, lining up with the holes in the MATTRESS REST. Attach with 12 2 ½" washer head screws, starting with the circled screws on the ends.



See This Step

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Time: 17:31

~~Attach Seam Braces~~

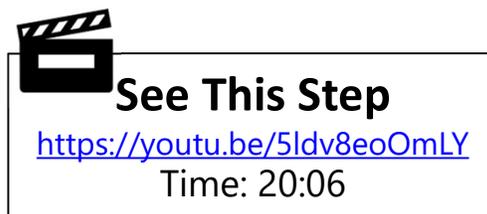
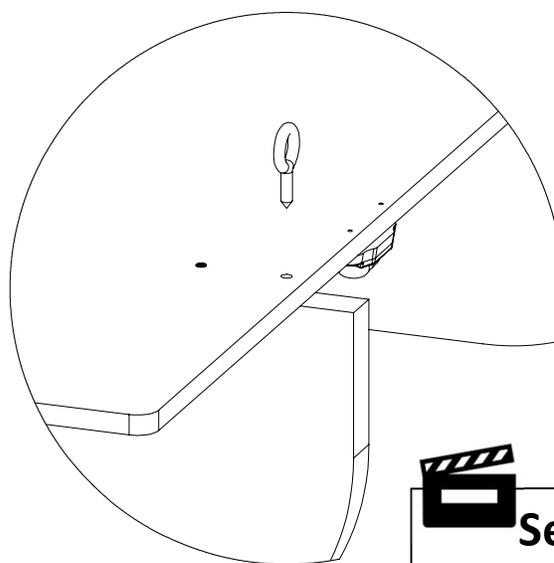
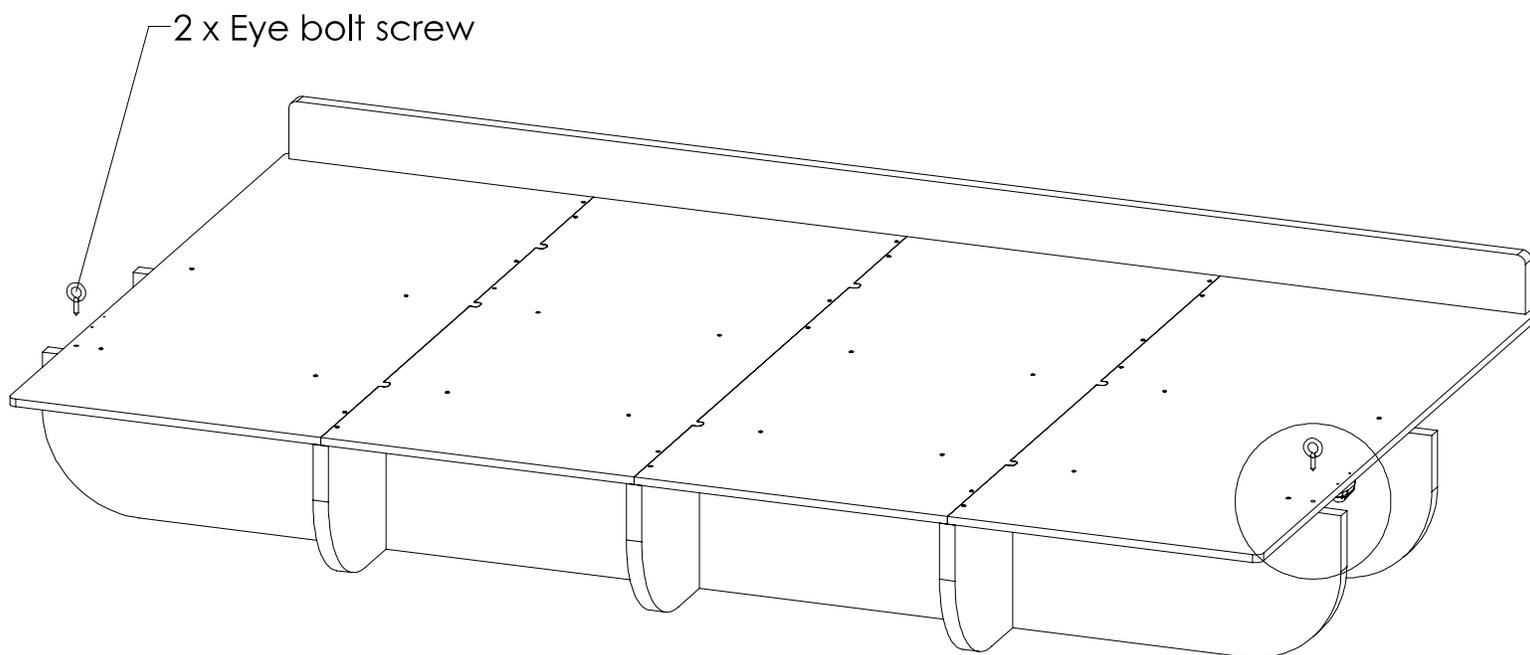
Nothing to do here!

You may see in our Vertical Queen bed assembly video that we add braces over the seams. This is not necessary for Twin beds, since each seam has a rocker supporting it.

Attach Eye Bolts and Mattress Strap

Attach the two eye bolt screws, used for securing the mattress strap. The bolts will pass through the hole in the platform and into the holes in the SHELF (7).

To attach the strap, pass one of the looped ends through an eye bolt, and then pass the buckle through the loop, pulling to tighten. Repeat on the other side, and then adjust as needed to fit your mattress.



Anchor the Cabinet

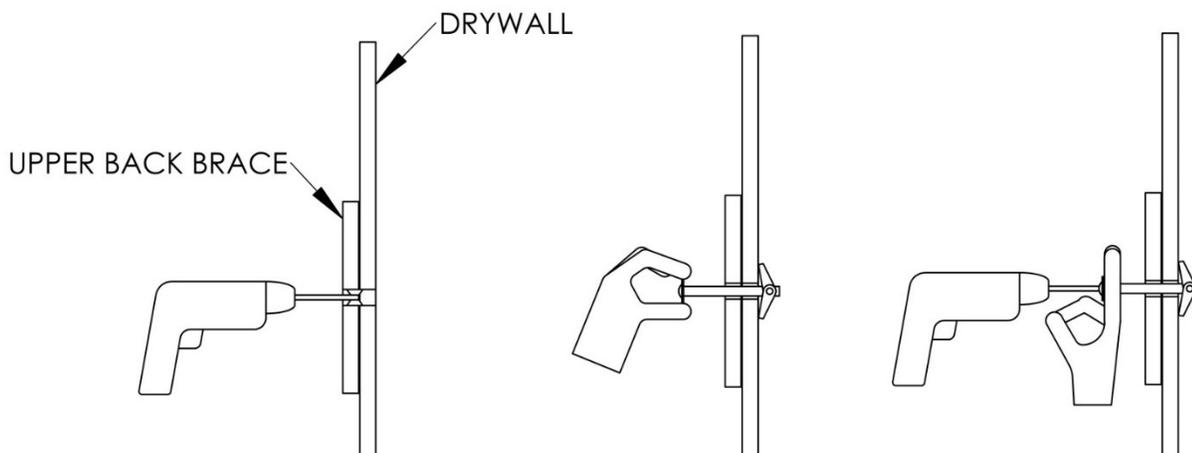
To use the Lori Wall Bed safely, you **MUST** anchor the CABINET to the wall. Depending on the method you use, it may not be adjustable again without buying new hardware, so you probably want to paint or stain your bed before this step. Even if you like the natural look, a clear coat of polyurethane will protect the wood from humidity and warping.

Decide where you want to place the bed in your room. If you can find studs, anchor the cabinet into 2 – 4 studs using an extra washer head screw and a washer.

To anchor to drywall, use the toggle bolts provided. Start by drilling a 1/2" hole in your wall through the upper BRACE and into your wall. Then thread your toggle bolt assembly through the holes as shown and tighten SLIGHTLY. Once you thread the wings through the hole and they expand, you won't be able to get the wings out again.

If you have plaster, masonry, or another type of wall, check with your local hardware store for the proper anchor type to use.

Don't fully tighten your anchors until you are sure everything is where you want it. Small adjustments are helpful at the end. Once ready, tighten them down.

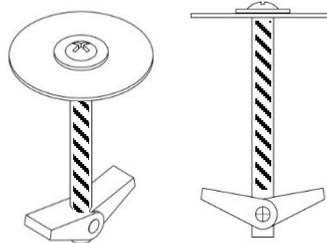


See This Step

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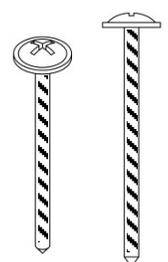
Time: 21:04

**Toggle Bolt
Assembly x 4**



**2 1/2" Washer Head
Screws**

OR



Raise and Check the Platform

Now is your chance to test fit the PLATFORM into the CABINET, but are you ready? Are the dog and kids out of the way? Do you have help if you need it? You haven't installed the latching hardware yet, so be ready to do that next. Don't put your actual mattress on yet. Let's make sure we finish this project first.

To lift the bed into place, first center the MATTRESS PLATFORM in front of the CABINET and space it away from the CABINET about 6 inches. Make sure your HEADBOARD SHELF is folded up, not down.

Bend at the knees, keep your back straight and core muscles tight, head forward, and "walk" the platform up and into the cabinet while keeping a lunged position (rather than leaning too far forward or back).

The PLATFORM may not seat perfectly the first time, but shift and nudge it a little until it fits in place. With more use it will fit better and better.

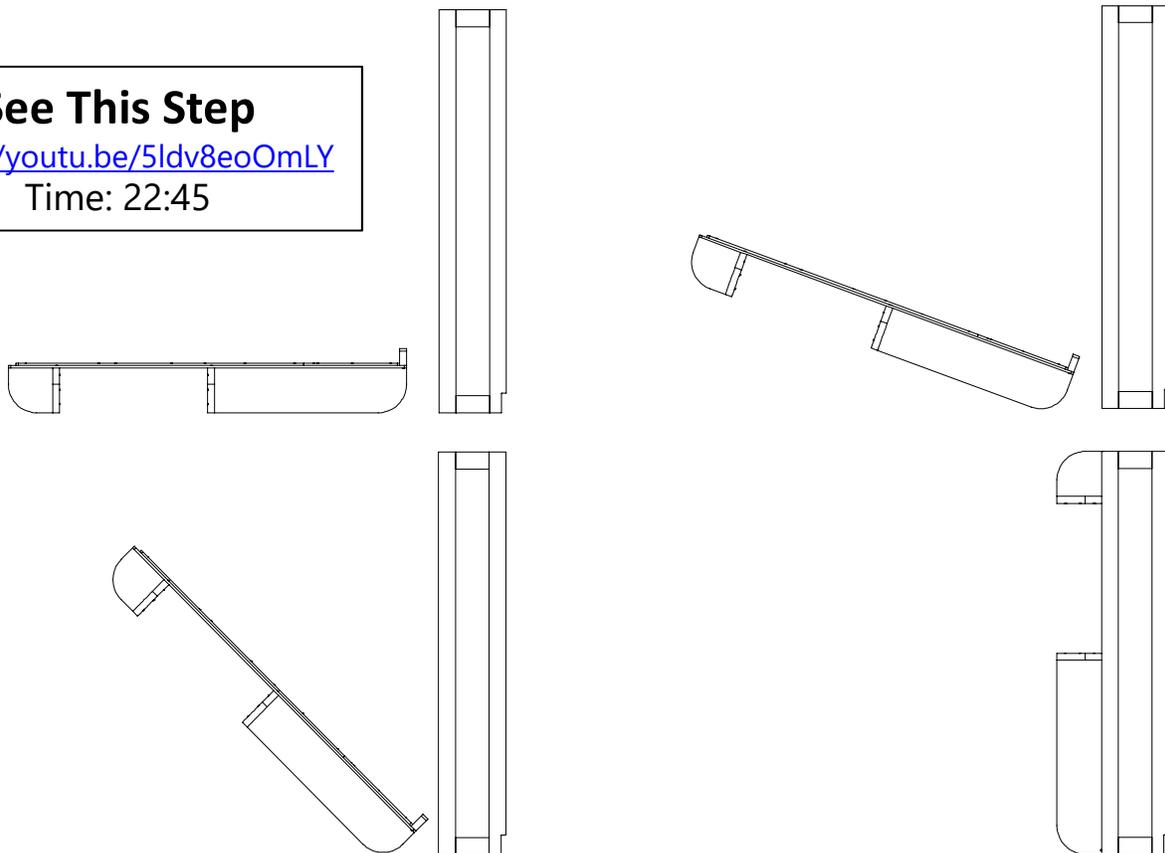
You aren't done until you attach your locks.



See This Step

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Time: 22:45



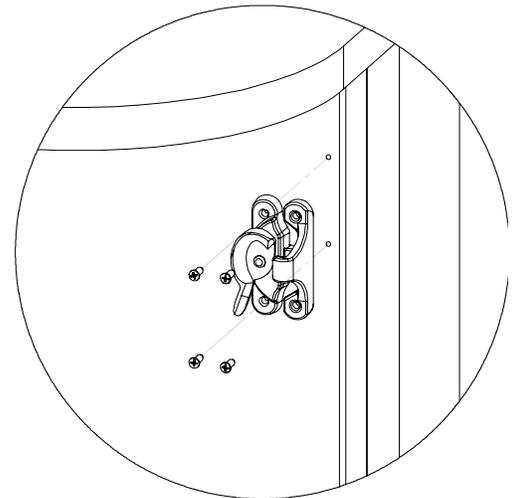
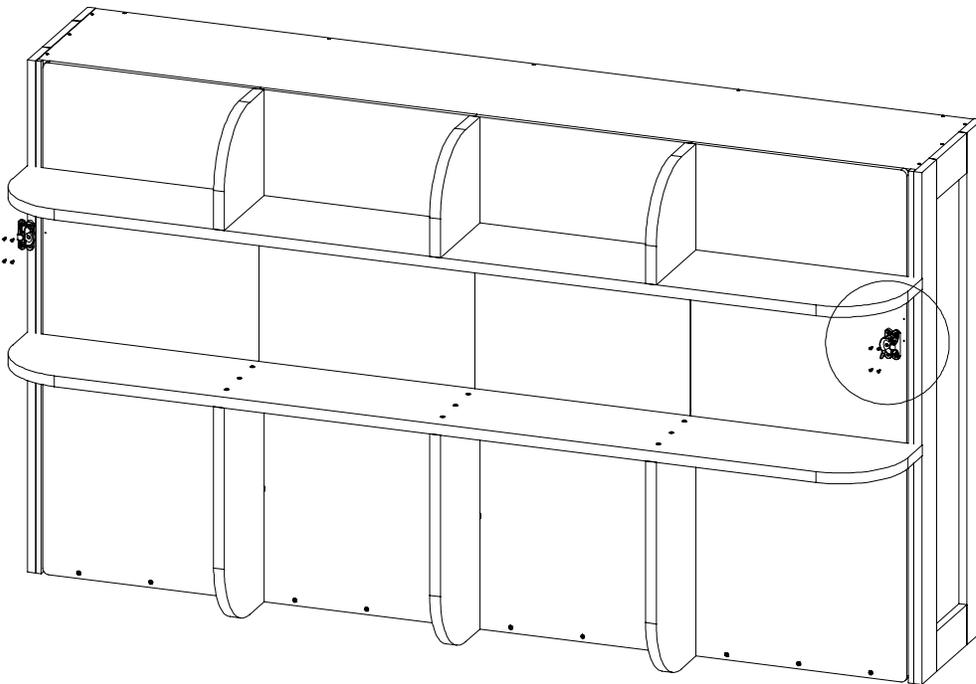
Install Locking Hardware

Install your locks just below the UPPER SHELF. The crescent or half-moon shaped movable part of the locks should be installed on the PLATFORM, using the screws provided and the pre-drilled holes.

The other half of the lock (the catch) should be installed into the CABINET SIDES. Use the screws provided, or you could use 1" screws if you have extras from your project. Find the right position for the catch, which should be as far as possible from the other half of the lock while still functioning well. Mark the holes you need to drill, based on where the catch should be positioned, and then use one of the drill bits provided to predrill the holes.

Consider whether your household would be better protected by padlocks, sliding bar latches or other safety equipment. It is up to you to be sure you can operate the Lori Wall Bed safely.

Now stand back and admire your hard work!

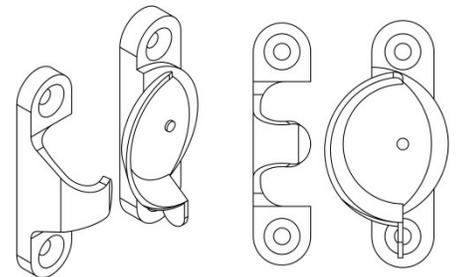


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Time: 22:45

Safety Locks x 2



Thank You!

We're so grateful you chose to buy one of our beds, and it's very important to us that you have a good experience assembling and using our product. Let us know if there is anything we can do to improve.

And don't forget we LOVE hearing stories and seeing pictures of our customers' beds. We're constantly amazed by your creativity and really enjoy hearing how the Lori Wall Bed fits into your life.

Please share your photos with us! You can post your bed on Facebook, and tag us @LoriWallBeds so others can see it. Or, share it on Instagram and mention @LoriWallBeds in the post. We can't wait to see how yours turns out!

Thanks again for welcoming the Lori Wall Bed into your home!

--The Lori Wall Beds team
info@loriwallbeds.com

