

SAFETY WARNINGS

RH20 Bed with Center Stretcher

RH20 beds are designed for five different configurations. For safety, beds should be only configured in one of these five styles and are not to be assembled in any other manner. For proper assembly of the bed frame please follow the RH20 Bed Assembly Instructions attached as it relates to your particular choice of bed style.

1. Each bed has been designed for a specific mattress size so that no greater than 1" is left between the mattress and the bed end structure to prevent the likelihood of serious injury or fatalities due to entrapment or falls. The table below specifies the appropriate and only mattress size to be used with each bed. ***Absolutely do not use a different mattress size!***

<u>ITEM#</u>	<u>NOMINAL MATTRESS SIZE</u>	<u>NOMINAL MATTRESS THICKNESS</u>
RH20LBM3674	36" x 74-75"	No less than 7"
RH20LBM3680	36" x 80"	No less than 7"
RH20LBM3874	38" x 74-75"	No less than 7"
RH20LBM3880	38" x 80"	No less than 7"
RH20LBO3674	36" x 74-75"	No less than 7"
RH20LBO3680	36" x 80"	No less than 7"
RH20LBO3874	38" x 74-75"	No less than 7"
RH20LBO3880	38" x 80"	No less than 7"

- Guardrails are available and **required** for bunking or lofting beds. Check with your Student Housing staff. Guard rails are to be used on **both** sides of the top bed when bunked or lofted. Top boring pattern is for safety rails only when bunked or lofted.
- Top surface of mattress must be at least 5" (five inches) below the upper edge of the guardrails if guardrails are in use.
- Do not allow children under six years of age to use the upper bunk
- Periodically check and ensure that the guardrails, ladder, and other components are in their proper position, free from damage, and that all connectors are tight. Eight each bolts with washers should be used to secure the headboards and footboards to the bed rails for each RH20 bed frame. Four each 1/4" diameter x 3-1/4" long steel pins should be used--one at each bed post connection--when lofting or bunking RH20 Beds.
- Do not allow horseplay on or under the bed and prohibit jumping on the bed
- Only use the built-in ladder formed by the end slats of the headboards and the footboards or the ladder provided for entering and leaving the upper bed if in a loft or a bunk.
- Do not use substitute parts. Contact your Student Housing staff for substitute or repair parts. You may contact us directly for information.

RT London-Norse
8605 Commerce Place Drive NE
Lacey, WA 98516



Ph# (360) 943-5090
Fax# (360) 943-8596

9. Do not use any foreign objects or additional items to assemble beds.
10. Refrain from putting bed up on blocks or elevating bed with items other than a supporting RH20 bed frame.
11. The use of water or sleep flotation mattresses is prohibited.
12. Beds without center stretchers are to have the bed decks screwed down with a minimum of four screws. If the bed utilizes a 3-piece deck screw in the center board with a minimum of two screws per side. If the bed uses a one-piece deck without the center stretcher, secure the deck to the rail cleats using two screws spaced evenly along each side. Please see drawing attached.
13. Keep these instructions for future reference.



RH20 ASSEMBLY INSTRUCTIONS

DO NOT OVER TIGHTEN! RAILS WILL SPLIT!

Each bed comes with the following:

- One 44" h headboard, One 24" h footboard, two side rails
- One center stretcher deck support (older beds do not have center stretchers)
- One three-piece or one single-piece plywood deck.
- One hardware kit containing: 4 ea 4"-bolts & washers, 2 ea 3-1/4" bunking pins, four bed decks screws or two center stretcher joint connector bolts.
- (You may need to check out bunking pins from the Student Housing Staff)

Tools necessary for assembly:

- An electric or battery operated 1/4" drill.
- An extension with 2" socket for use with the drill to tighten down 4" bolts.
- An extension with a (p2) Phillips tip to screw in the bed deck.
- A straight slot screw driver to adjust steel cross dowels in rail if needed.
- 5/32 mm hex driver for joint connector bolt if bed comes w/center stretcher.

For configurations 1-3 follow these instructions:

1. Place the headboard, footboard and two bed rails on the floor in the general configuration desired. The recess, which accepts the washer on each bed post, should be towards the outside.
2. Insert the bolts and washers through the headboard and the footboard into the rails, two per rail at each end. The rail cleats, which support the bed deck, should be towards the inside. Tighten down snug with a power drill and 2" socket extension.
DO NOT CINCH; RAILS WILL SPLIT!
3. Place the 3-piece bed deck evenly distributed across rail cleats providing ventilation for mattress. Attach the center deck to the rail cleats with the four screws provided, two on each side. Or, place the one-piece deck on rail cleats and screw down with four screws (2 per side) evenly across each side of the bed deck. Bed is ready for mattress.
****Please Note:*** If a center stretcher is used to secure the bed rails together, it is not necessary to screw down the bed decks.
4. Center stretcher must be attached after side rails during assembly and removed first before removing side rails in disassembly.

For bed configurations 4-5 follow these instructions:

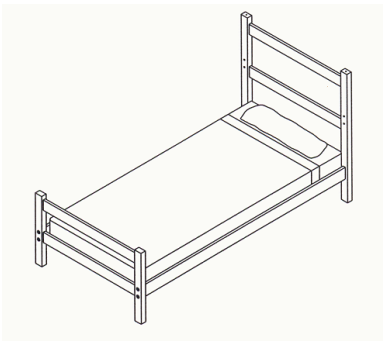
1. Begin by assembling the lower bed frame of the loft or bunk. Place the two 44" headboards and two bed rails on the floor in the general configuration desired. The boring pattern, which accepts the washer, should be towards the outside.
2. Insert the bolts and washers through the headboards into the rails, two per rail at each end. In a bunk bed position, use the bottom boring position for the lower bed. The rail cleats, which support the lower bed deck, should be towards the inside. In a loft bed configuration, the bed rails are attached on one side at the top and bottom with the cleats positioned towards the outside. Tighten down snug with a power drill and 2" socket extension. ***DO NOT CINCH!***
3. Place four 3 1/4" steel bed pins in each post of bottom bed. Pins may need to be checked out from your Student Housing staff. For safety, do NOT use any other substitute for these pins.



4. Assemble top bed using the 24" footboards per the desired configuration on the floor next to the bottom frame using the same directions as #1-#2 above. Secure the bed deck(s) to the rail cleats with screws. If a three-piece bed deck is used screw the middle bed deck piece to the bed rails using four total screws, two on each side. If a one-piece bed deck is used, screw the bed deck down with four screws, two per side, spaced evenly along each side.
***Please Note:** If a center stretcher is secured between the bed rails, screwing the bed deck down to the rail cleats is not necessary.
5. With a person at each footboard, lift the top bed onto the bottom bed placing each bed post over the pins. **BE VERY CAUTIOUS OF PINCHING A FINGER BETWEEN THE TOP AND BOTTOM BED POST AS THEY SLIP OVER THE PINS.**
6. Place Mattress onto bed.

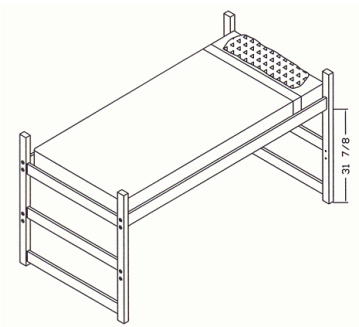
1. Single Bed

One headboard and one footboard. Rails placed on bottom boring pattern.



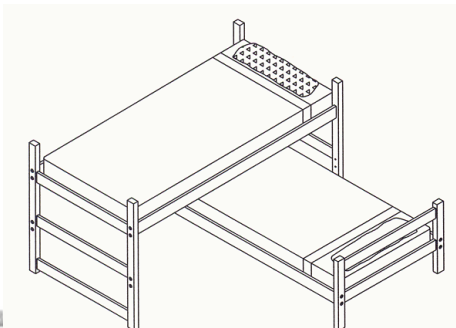
2. Captain's Bed

Two 44" headboards flipped over using the top boring pattern. A 3-drawer dresser will fit below bed.

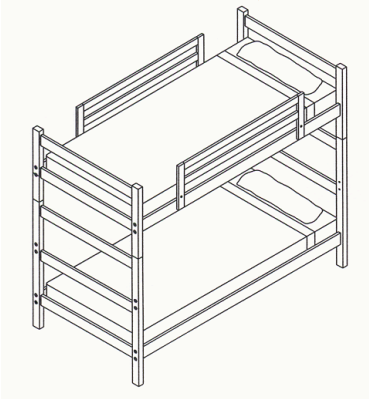


3. L-Shaped Beds

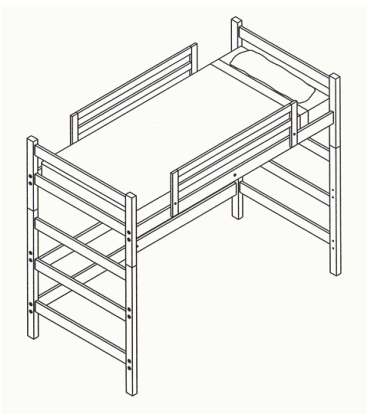
Two 44" h headboards flipped over using top boring pattern. Using two 24" footboards for lower bed using only boring pattern available on bottom for one bed, A 3-drawer dresser can fit beside lower bed.



4. **Bunk Bed** Two 44" h headboards on bottom bed using the lower boring pattern
Two 24" h footboards on top bed using the only boring pattern available.



5. **Loft** Two 44" h headboards on bottom bed using the top and bottom boring pattern on one side. Two 24" h footboards on top bed using the only boring pattern available.



Safety Rail Installation

Clamp On Safety Rail:

Description: This rail has two clamps which are designed to fit directly onto the wood side rail of the bed. Components of the safety rail consist of a wood rail with two holes at both ends, two bolts which fit through the bottom holes, two steel angles with a hole, which receives the threads, and a nut to tighten the clamp.

Installation: Put the bolts through the bottom holes of both ends of the rail (there is no front or back at this point). Place the steel angles onto the threads of the bolt, making sure that the inside of the angle is facing the rail (see drawing). Put the nut onto the end of the threads, but do not tighten yet. Slip the rail onto the bed rail, making sure that the angles are toward the sleep surface. Reach around the rail and tighten the nut until the rail is secure. Two rails are required.

