

SAFETY WARNINGS

Tool Free Bed with Enclosure Rails

Tool Free beds are designed for nine different configurations. For safety, beds should be only configured in one of these nine styles and are not to be assembled in any other manner. For proper assembly of the bed frame please follow the Tool Free Bed Assembly Instructions attached as it relates to you 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>
TF22BM3674	36" x 74-75"	No less than 7"
TF22BM3680	36" x 80"	No less than 7"
TF22BM3874	38" x 74-75"	No less than 7"
TF22BM3880	38" x 80"	No less than 7"
TF22BO3674	36" x 74-75"	No less than 7"
TF22BO3680	36" x 80"	No less than 7"
TF22BO3874	38" x 74-75"	No less than 7"
TF22BO3880	38" x 80"	No less than 7"

2. Guardrails are available and **required** for bunking or lofting beds. Check with your Student Housing staff. Guardrails are to be used on **both** sides of the top bed when bunked or lofted. Top pin location in **not** to be used when bunked or lofted.
3. Top surface of mattress must be at least 5" (five inches) below the upper edge of the guardrails if guardrails are in use. A guardrail may terminate before reaching the bed end structure, providing there is no more than 15 inches between either end of the guardrail and the bed end structures in the same plane.
4. Do not allow children under six years of age to use the upper bunk.
5. 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. Four each 3/8" diameter x 4" long steel pins should be used - one at each post connection - when lofting or bunking Tool Free Beds.
6. Do not allow horseplay on or under the bed and prohibit jumping on the bed.
7. Only use the built-in ladder formed by the end slats of the bed boards or the ladder provided for entering and leaving the upper bed if in a loft or a bunk.
8. Do not use substitute parts. Contact your Student Housing staff for correct 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 beds with items other than a supporting Tool Free bed frame.
11. The use of water or sleep flotation mattresses is prohibited.
12. Never install bed deck inside steel rails which do NOT have wood deck enclosure rails. Proper deck enclosure rail installation has bottom flush with bottom of steel rail and top raised above top of steel rail to capture bed deck between the two deck enclosure rails.
13. Keep these instructions for future reference.



Assembly Instructions for Tool Free Bed

Each bed comes with the following:

- Two each 37" headboards
- Two each steel bed rails with attached wood deck enclosure rails
- One three-piece or one single-piece plywood deck.
- Two each 3/8" x 4" bunking pins.

Tools that may be used for assembly:

- Rubber mallet
- Allen Wrench for Guardrails

For configurations 1-5 follow these instructions:

1. Place the two headboards and steel side rails with connected bed deck enclosure rails on the floor in the general configuration desired. The groove section with inserted metal pin channel should be toward the inside.
2. Insert the steel side rail onto the desired pin location. Push down onto pins or if needed use a rubber mallet to tap into place.
3. Place bed deck onto side rails in between deck enclosure rails. NEVER install deck inside steel rails which do NOT have wood deck enclosure rails. Proper deck enclosure rail installation has bottom flush with bottom of steel rail and top raised above top of steel rail to capture bed deck between the two deck enclosure rails. Bed is ready for mattress.

For bed configurations 6-9 follow these instructions:

1. Begin by assembling the lower bed frame of the loft or bunk. Place the two headboards and steel side rails on the floor in the general configuration desired.
2. In a bunk bed position, insert the steel side rails onto the bottom pin location of each headboard. In a loft bed configuration, insert one steel side rail onto the middle pin location of each headboard. Push down onto pins or if needed use a rubber mallet to tap into place.
3. Place four 4" steel bunking pins in each post of assembled bottom frame. For safety, do NOT use any other substitute for these pins.
4. Place headboards over pins on each side. BE VERY CAUTIOUS OF PINCHING A FINGER BETWEEN THE TOP AND BOTTOM BED POST AS THEY SLIP OVER THE PINS.
5. With a person at each headboard, tap steel side rail with connected wood deck enclosure rail onto each side of headboard in desired location.
6. Place bed deck onto side rails in between deck enclosure rails of bed. NEVER install deck inside steel rails which do NOT have wood deck enclosure rails. Proper deck enclosure rail installation has bottom flush with bottom of steel rail and raised above top of steel rail to capture bed deck between the two deck enclosure rails.
7. Place mattress onto bed.



NOTE: Guardrails are available and **required** for bunking or lofting beds. Check with your Student Housing staff. Guardrails are to be used on **both** sides of the top bed when bunked or lofted.

Guardrail Instructions:

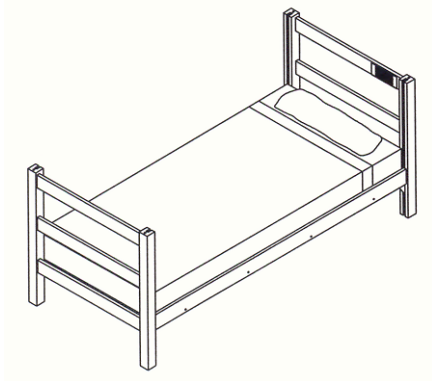
Description: The tool free bolt on guardrail is designed to fit onto the decorative/deck enclosure rail that is attached to the steel rail (side rail assembly). The wood rail is referred to as a decorative rail. However, in its application at Stanford, it is an essential component that keeps the bed deck in place. Components of the guardrail consist of a wood rail with two holes at both ends, two JC cap nuts inserted into these holes which receives the threads, and two $\frac{1}{2}$ " x 35mm JC bolts.

Installation: With face of guardrail up, pound JC cap nut into holes at each end of guardrail. Align the guardrail to the bed rail (decorative rail), making sure that the JC cap nuts are on the outside. Reach under the rail and insert the JC bolt through the rails and thread into the JC cap nut. Tighten to secure.

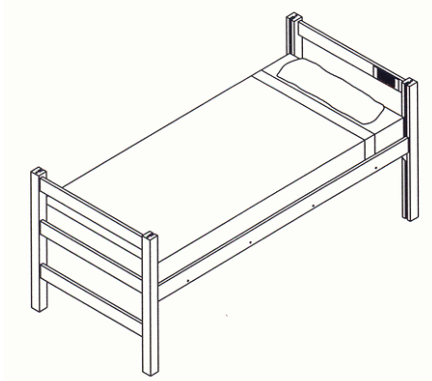
A guardrail may terminate before reaching the bed end structure, providing there is no more than 15 inches between either end of the guardrail and the bed end structures in the same plane.

Configurations:

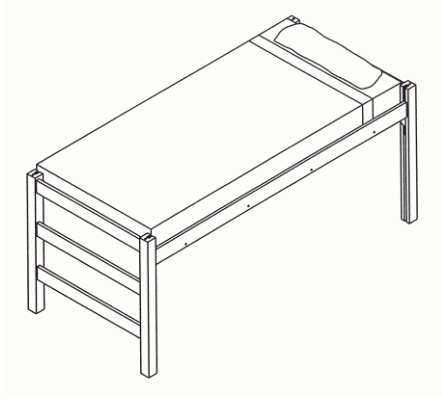
1. **Single Bed** Rails placed on bottom pin location.



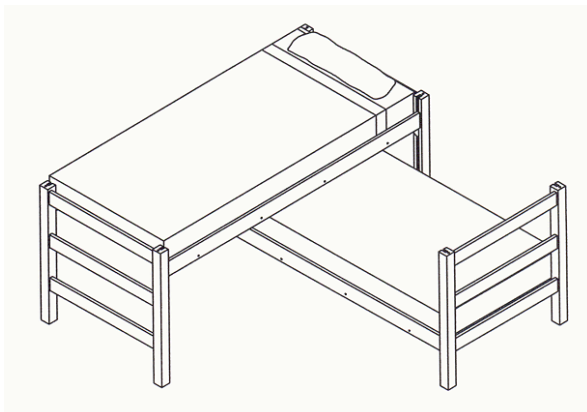
2. **Elderhostel Bed** Headboards right side up. Rails on middle pin location.



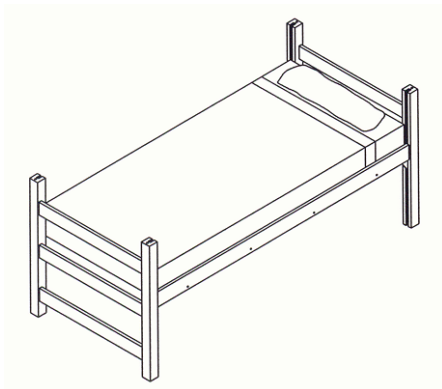
3. **Captain's Bed** Headboards right side up. Rails place on top pin location.
A 3-drawer dresser can be positioned under the bed.



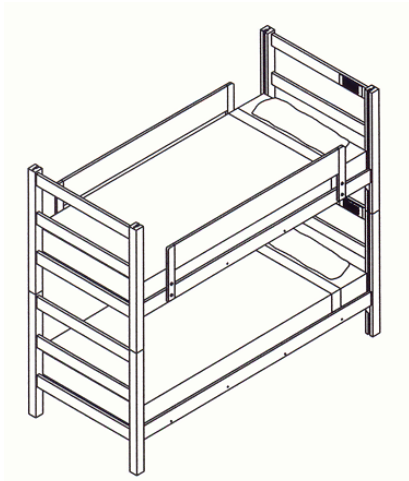
4. **L-Shaped Bed** Headboards right side up. Rails on bottom pin location for one bed, rails on top pin location for other bed. A 3-drawer dresser can fit beside lower bed.



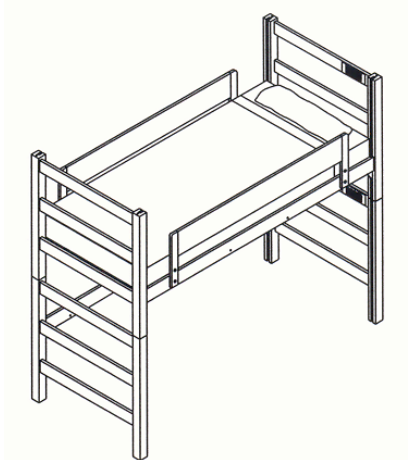
5. **Barrier Free Bed** Headboards are turned over. Rails use middle pin location.
Mattress height is approx. 22".



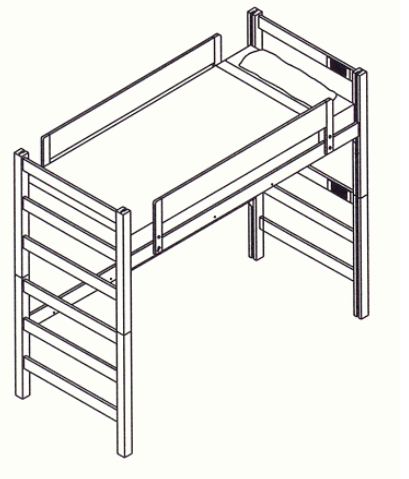
6. **Low Bunk Bed** Rails on bottom pin location for lower bed, bottom pin location for top bed.



7. **Low Loft** Rail on back middle pin location for lower frame, rails on bottom pin location for top bed.



8. **High Loft** Rail of back middle pin location for lower frame, rails on middle pin location for the top bed. A desk and dresser can be positioned below the high loft.



9. **High Bunk Bed** Rails on bottom pin location for the lower bed, rails on the middle pin location for the top bed.

