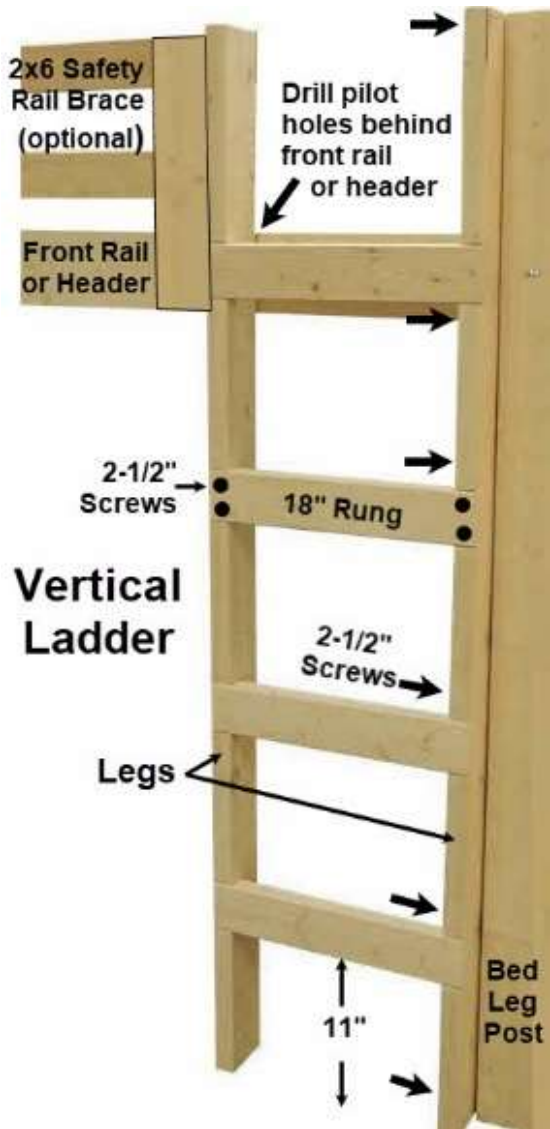


Ladders Assembly Instructions

11/2/21

This document replaces original instructions



Vertical Ladder (optional)



Assemble the Vertical Ladder separately first.

◀ Due to the Rung edges being rounded, the front of the Rung will extend out about 1/8" beyond the edge of the leg.

We will provide you with a 1/8" drill bit for drilling pilot holes as needed.

Place a small bead of glue at the base and sides of each Vertical Ladder Leg notch and spread it out evenly covering the entire notch. Insert the 2x4x18" rungs (**rungs have 2 pilot holes at each end**) into the notches. If it is a tight fit, it can be sanded or use a rubber mallet or hammer to gently push the rung to the bottom of the notch. If using a hammer, hammer against a scrap piece of lumber so as to not dent the wood.

Please Note: The gluing step is required to be able to make a sturdy ladder.

Make sure the rungs are square (90° degrees) to the legs and parallel to each other. Use 2½" screws to fasten each rung to the legs. Drive the screws nice and tight. While driving the screws, **make sure there is no gap between the rung and the base of the notch.**

Suggestion. Put your knee tightly on the rung keeping constant pressure on the leg. Slowly drive the screw half-way into the leg, then unscrew it so it is just slightly comes out of the leg, then drive it all the way back in. The screw should recess about 1/8" into the rung to make a nice tight fit. Note, due to temperature and humidity differences the rungs may have expanded and may need to be slightly sanded to fit.

Attach the assembled ladder to the bed, it may be attached to either the left or right end and tight to the edge of the bed corner post leg. The picture here shows the ladder on the right end. Use 2½" screws in the pilot holes to fasten the ladder leg to the bed leg. From behind the front rail or header, drill pilot holes above and below the 2x2 ledge to go into the other vertical ladder leg. Use (2) 2½" screws to fasten each leg to the rail or header. For Bunk Beds fasten to the bottom rail also.

Depending on your specific configuration, we may also provide you a 2x6 Safety Rail Brace (see above picture). It goes from the bottom of the Front Rail or Header to the top of the Vertical Ladder Leg. Using the 1/8" drill bit, drill (3) pilot holes above and below the 2x2 ledge to line up with the brace. Attach the brace to the with 2-1/2" screws. Also attach the ladder leg to the brace with 2-1/2" screws going into the edge of the brace.

Vertical Front Ladder Parts List

(2) Front Ladder Legs 1-1/2" thick x 4" wide Ladder Rungs 18" long

The glue will take about 2 hours to dry. It is important that it completely dries to give you a very sturdy ladder.

Do not use the loft or put any pressure on the ladder rungs while the glue is drying.

Angled Ladder (optional)

Angled Front Ladder

Angled End Ladder

Fig: 1



Fig: 2 Standard Bed

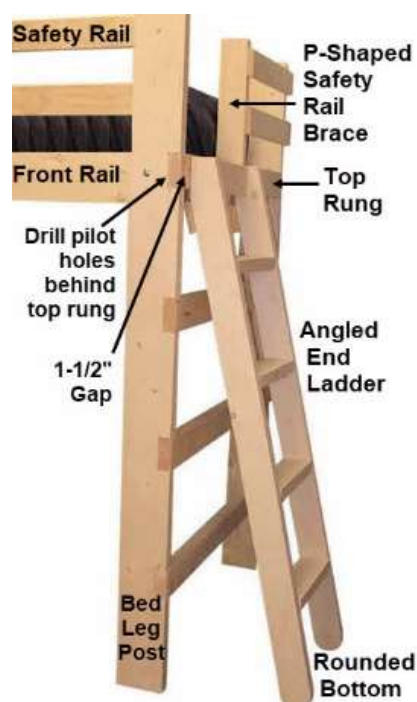
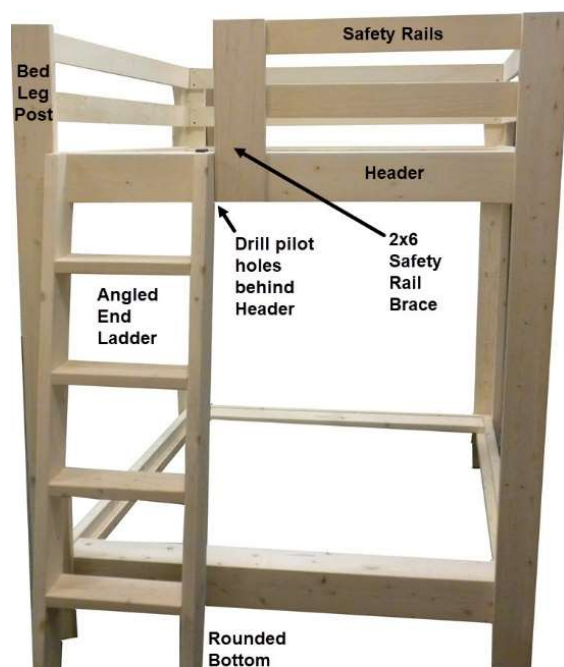


Fig: 3 Open-Ends Bed with L-Shaped Legs



We will provide you with a 1/8" drill bit for drilling the pilot holes as needed. Ladders are 18" wide. The ladder may be placed at either end. The Rounded Bottom end of the Angled Ladder goes on the floor.

If you ordered the Angled Ladder Hooks you will not attach the Ladder to the bed. It will hang on the rail, header or rung. You will just need to install the Safety Rail Brace if provided.

If you are installing the Angled Front (long side) Ladder (Fig: 1), you will also install a 2x6 Safety Rail Brace as shown in Fig: 1. The ladder goes tight against the Bed Leg Post and the 2x6 Safety Rail Brace goes tight against the ladder.

If you are installing the Angled End Ladder for the standard bed (Fig: 2 with Rungs at each end), you will place it 1-1/2" from the end of the rung. The outside edge of the Angled Ladder will line up with the inside edge of the Bed Leg Post. After ladder installation, if you ordered Safety Rails for the end of the bed, you will install the P-Shaped Safety Rail Brace following the standard Safety Rails Assembly Instructions.

If you are installing the Angled End Ladder for the Open-Ends Bed with L-Shaped Legs (Fig: 3) and if you ordered Safety Rails for the end of the bed, you will have a 2x6 Safety Rail Brace as shown in the diagram. The ladder goes tight against the Bed Leg Post and the 2x6 Safety Rail Brace goes tight against the ladder.

Installation Instructions:

Position the Angled Ladder in place following the above diagrams and instructions. Drill (4) pilot holes from behind the Front Rail, Header or Top Rung spacing them 3" – 4" apart to line up to the top of the Angled Ladder. Attach the Ladder from behind with 2-1/2" screws.

Line up the 2x6 Safety Rail Brace (if provided) tight to the ladder as shown in the above diagrams. Drill (6) pilot holes from behind the Front Rail or Header to go into the 2x6 Safety Rail Brace. Attach with 2-1/2" screws.

Optional 18" Angled Ladder Safety Rail (as shown in the Angled Front Ladder picture): Under certain conditions (based on ceiling height, mattress thickness and space underneath), you may need to install the 18" Safety Rail half-way between the top gap using 1-5/8" screws into the back of the ladder. If you did not receive this then it is not required for your bed. This follows the Consumer Products Safety Commission Guidelines.