**MATERIALS:**
(28) 2 x 4 x 8 Ft. Boards
(9) 2 x 6 x 8 Ft. Boards
(6) 2 x 2 x 8 Ft. Boards
(9) 1 x 3 x 8 Ft. Boards
2 ½-inch Pocket Screws
2 ½-inch Wood Screws

**TOOLS:**
Tape Measure
Pencil
Carpenter’s Square
Drill
Circular Saw
Pocket Hole Jig
1 ¼-inch Wood Screws
(24) 3 ½-inch Carriage Bolts
(24) Flat Washers
(24) Split Locking Washers
(24) Cap Nuts
Wood Glue

Clamps
Safety Glasses
Hearing Protection

**CUT LIST:**

**Front and Back Panels:**
(4) 2x4 @ 88 inches (legs)
(12) 2x4 @ 74 inches (rails)

**Mattress Boxes:**
(6) 2x6 @ 78 inches (long sides)
(6) 2x6 @ 41 inches (short sides)
(6) 2x2 @ 71 inches (mattress cleats)
(18) 1x3 @ 41 inches (mattress slats)

**Side Panels:**
(4) 2x4 @ 88 inches (legs)
(12) 2x4 @ 37 inches (rails)

**Ladder:**
(2) 2x4 @ 88 inches (side rails)
(7) 2x4 @ 15 inches (rungs)
STEP 1 – BUILD THE FRONT AND BACK PANELS
Measure, mark, and cut 2x4 legs and rails to length. Drill 1 ½-inch pocket holes into the ends of the rails and attach them to the legs with 2 ½-inch pocket screws and wood glue.
STEP 2 – BUILD THE SIDE PANELS
Measure, mark, and cut 2x4 legs and rails to length. Drill 1 ½-inch pocket holes into the ends of the rails and attach them to the legs with 2 ½-inch pocket screws and wood glue.

FIG. 3

STEP 3 – BUILD THREE MATTRESS BOXES
Measure, mark, and cut 2x6 and 2x2 boards to length. Pre-drill pilot holes into the long 2x6 sides and attach them to the short sides with 2 ½-inch wood screws and wood glue. Check for square and adjust as necessary. Attach the 2x2 mattress cleats to the long 2x6 sides with 2 ½-inch wood screws and wood glue. These mattress cleats should be flush to the bottom of the mattress box.
**STEP 4 – ATTACH THE MATTRESS SLATS**

Measure, mark, and cut 1x3 mattress slats to length. Pre-drill pilot holes and attach the mattress slats to the mattress cleats with 1 ¼-inch wood screws and wood glue. Space the mattress slats approximately 5 ½ inches apart.
STEP 5 – BUILD THE LADDER
Measure, mark, and cut 2x4 boards to length. Drill 1 ½-inch pocket holes into the ends of the ladder rungs and attach them with 2 ½-inch pocket screws and wood glue, spacing the rungs approximately 10 ¾ inches apart.

STEP 6 – ASSEMBLE THREE SIDES AND ATTACH THE BOTTOM BUNK
Position the back and two side panels around the bottom mattress box. Pre-drill holes all the way through the 2x4 side panel legs and 2x6 mattress box and attach with 3 ½-inch carriage bolts, flat washers, split locking washers, and cap nuts. Additionally, attach the back panel to the mattress box with 2 ½-inch wood screws. Do not use wood glue here if you want to disassemble this bed in the future.
STEP 7 – ATTACH THE MIDDLE BUNK
Position the middle bunk 29 ¾ inches above the bottom bunk and attach using the same carriage bolt/washer/cap nut method.

*Pro Tip: cut scrap 2x4s to 29 ¾ inches and clamp them to the legs to support the mattress box during assembly. Do the same thing for the top bunk to ensure even spacing between the bunks.
**STEP 8 – ATTACH THE TOP BUNK**

Position the top bunk 29 ¾ inches above the middle bunk and attach using the same carriage bolt/washer/cap nut method.

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**FIG. 9**

Diagram of the triple bunk bed.
**STEP 9 – ATTACH THE FRONT PANEL**

Position the front panel in place and attach with 2 ½-inch wood screws. Again, do not use wood glue here for easy disassembly.

**STEP 10 – ATTACH THE LADDER**

Attach the ladder to the bed with 2 ½-inch wood screws driven from the inside of the railings.

Sand, stain and/or paint, and finish as desired.