



Bed Building Workshop

When: Saturday, April 22 from 9am to 12pm & 12:30pm to 3pm
Sunday, April 23 from 9am to 12pm & 12:30pm to 3pm
A maximum of three (3) teams can be accommodated per time slot
Email Blaire at bbuergler@tjmartell.org to reserve your spot!

Where: Soundcheck parking lot – 740 Cowan Street

Who: **Construction coaches on site to consult and assist!**
These folks have generously donated their time, tools, workshop and most importantly, expertise! Please arrive prepared with all materials needed.

Transport: **NO beds constructed at the workshop can be left on site. Each team is responsible for transporting their bed home after the workshop is over.**
Teams are also responsible for removing their “racing bed” from Bridgestone Plaza after the Race is over. Please make arrangements for pick up and removal in advance.

MATERIALS YOU WILL NEED TO BRING:

1a) Metal Bed Rails or PVC Pipe: (No aluminum)

Suggest: Goodwill Industries in Berry Hill or at Re-Store on 8th Avenue or other thrift stores or consignment stores. Bring whatever you can find!

OR

1b) Wooden Bed Frame: (head board, foot board, etc.)

We recommend a twin bed (36” x 75”), but up to a queen bed (60” x 80”) is allowed.

Suggest: Goodwill Industries and the Re-Store on 8th also have numerous wooden bed frames available includes headboard, footboard and two sides. Visit Thrift Stores, Flea Markets, Consignment Shops, Craigslist, and Next Door.

- 2a) Wheels or Tires:** (minimum of 4 tires - 10" in diameter)
For Safety purposes, wheels must be a minimum of 10" in diameter.
Suggest: Harbor Freight at 2300 Lebanon Pike
- Two swivel wheels with attached castor for front of bed (and optimum steering) and/or two regular wheels for back of bed. (You can also use just four regular wheels.)
- OR**
- 2b) Bicycle Wheels:** (minimum of 4)
Suggest: Halcyon Bike Shop at 2802 12th Avenue S.; 615-730-9344 (see Kevin)
- Visit their "wheels" graveyard for bike wheels approximately \$10 each
- 3a) Metal or PVC Conduit:** (available at Home Depot or Loews etc.)
If using a Bed Frame that includes a head board and foot board, and you would like to attach a "push bar" at the foot of the bed for the front racers, we suggest you bring enough conduit (1½ - 2" around) high enough and long enough to attach to each side.
*Note: push bars cannot extend further than 12" per side
- OR**
- 3b) If using metal Bed Rails** and you will require push bars in both front and back, bring enough conduit to construct pushing devices for both front and back of the bed!
There will be **NO WELDING** capability available at the bed building workshop.
- 4) Free Twin Mattresses:**
We recommend twin beds for speed AND ease of transport to and from race site.
Email Amanda@soundchecknashville.com, if you require a source for a free mattress.
- 5) Our PIT CREW suggest bringing the following items if you have them so you don't have to wait to share!**
- **Power Tools: drills and drill bits or screwdrivers**
 - **Extension Cords**
 - **Paint, brushes and Drop Sheets, if you are planning to paint**
 - **Any scrap metal or angle iron metal you have laying around**
 - **Hardware (such as nuts, bolts, screws etc.) will be provided**

***Scrap wood will be free; however, if you need a sheet of plywood, it will need to be purchased on site.**

[Check the "ABOUT" page for BED DESIGN Perimeters!](#)

BED DESIGN

- All bed and team costs are borne by entrants
- Beds must be no smaller than a twin bed (36" x 75") and no larger than a queen (60" x 80") and must include a mattress and four (10") wheels that make contact with the ground
 - For safety purposes, wheels must be a minimum of 10" in diameter
- Mattresses (pads/straw do not qualify) can be water or air but must fit the frame and be inflated during the race
- It is recommended that the bed frame or box spring sit a minimum of 10" off the ground – not including mattress
 - No motors or mechanical means of motion are permitted
- Push bars and steering devices are allowed but must be designed for safety; no sharp or jagged edges allowed. Push bars cannot extend further than 12" beyond the bed frame
 - Braking devices are recommended but not mandatory
- There will be **NO WELDING** capabilities provided at the workshop