

# MAGNOLIA SOAP BOX DERBY

## Professional & Shadetree rules

**THE SAFETY INSPECTOR HAS SOLE DISCRETION FOR THE APPROVAL OF ALL VEHICLES. THE INSPECTOR MAY DISQUALIFY ANY VEHICLE AT ANY TIME IF THEY BELIEVE THAT THE VEHICLE OR ITS OPERATION MAY BE UNSAFE TO ANY DERBY PARTICIPANTS OR OBSERVERS.**

### Car Design Rules:

- The car must have a minimum of three wheels in contact with the track
- The car must be powered solely by gravity (no kinetics, no wind, no propulsion)
- The car must have functional brakes. The use of hands or feet on the ground (Fred Flintstone brakes) is not permitted. Colliding with the hay bales is not a vehicle braking strategy - **INTENTIONALLY COLLIDING WITH THE END-OF-TRACK BARRIERS IS STRICTLY PROHIBITED.**
- There is no limit to the cost of the car
- The car must be sturdy enough to make the practice run as well as compete in the race
- Luggage boards, skateboards, or similar vehicles do not qualify as a car
- The car **must** have reasonable steering which the driver can demonstrate control of during inspection and the practice run
- The car must be inherently safe to the driver, spectators, and volunteers
- The car must have a handle placed on the back to provide the release team with a secure place to hold onto the car. (Examples include “c” drawer pulls, rope, etc.)
- **NEW IN 2023:**
  - **The car must be one continuous structure (ie: no trailers)**
  - **The car must be no wider than 7 feet and no taller than 7 feet.**
  - **No vehicle may weigh more than 400 pounds, excluding the weight of the driver.**
  - **The “dashboard” (any hard surface directly in front of the driver) must be padded. A length of foam “pool noodle” will be considered adequate padding.**
  - **NO VEHICLE MAY CONTAIN ANY UNSECURED OBJECTS - other than the driver, all objects in the vehicle must be solidly affixed to the vehicle.**
  - **No vehicle may contain any unsealed batteries (lead-acid batteries such as car batteries are discouraged, but may be permitted so long as they are sealed-cell batteries and are securely affixed to the vehicle)**
  - **No part of the vehicle that is 42” or more off of the ground may extend past the vehicle’s wheels.**

- **No vehicle may place the driver in a head-down position, such that the driver's head is located in front of their body at the front of the vehicle.**

**CARS FOUND IN VIOLATION OF ANY OF THESE RULES WILL NOT BE ALLOWED TO RACE**

**Safety Rules:**

- Each person in the car must have a full face helmet OR a helmet and separate goggles that is secured to his or head by a strap or other reasonable means
- Knee pads, elbow pads, and gloves are required
- All drivers, racers, and team members must sign a liability waiver
- Drivers **are not** allowed to drink any alcoholic beverage prior to the race. If the director or any volunteer sees, smells, or even has a reasonable indication that your driver is under the influence, your entire team will be disqualified, and we will thank you for your \$75 donation to the event
- **NEW IN 2023:**
  - **Each team must have THEIR OWN safety gear. Teams are not permitted to share safety equipment**

**YOU MUST HAVE ALL REQUIRED SAFETY GEAR AND YOU MUST SIGN A WAIVER. IF YOU FAIL TO SIGN THE WAIVER YOU WILL NOT BE ALLOWED TO RACE – ONLY THOSE WHO HAVE A SIGNED WAIVER AND ARE A PART OF THE FOUR PERSON TEAM WILL BE ALLOWED IN THE RACING AREA.**

**Race Rules:**

- Teams are up to 4 people – additional team members can be added for a fee of \$10 per person
- All drivers must be in their car at the starting line. Race officials will release the car at the starting line
- There will be no push start. Cars will have a standing start from the starting line
- No more than one person is allowed in a car while racing
- Cars will race one at a time
- Participants will make one practice run and/or one timed run
- No pyrotechnics, fire, or fireworks are allowed in the park or a part of any car
- **NEW IN 2023:**
  - **End-of-track barriers: There will be three rows of hay bales to stop vehicles from running into the crowd. INTENTIONALLY COLLIDING WITH THESE BARRIERS IS STRICTLY PROHIBITED.**
    - **If a vehicle collides with the barriers during the practice run, they will be reinspected before the timed run, and teams must demonstrate**

repaired or improved braking ability before being allowed to make the timed run.

- In the timed race run, if your car comes into contact with the **SECOND** row of hay bales, you will be penalized with the addition of 2 seconds added to your race time
- In the timed race run, if your car comes into contact with the **THIRD** row of hay bales, you will be disqualified from the race
- No non-driving team members will be allowed at the top of the hill within 20 feet of the start line during the race

### General Rules:

- All drivers must be either 16 years old with a valid driver's license or be 18 years of age or older
- No age limits on build team members
- There is a maximum of 4 people to a team; any additional team members are required to pay a \$10 fee to accommodate for t-shirts
- All participants must help keep the park clean – this means policing for trash
- Winners will be judged in 2 categories: People's Choice and Fastest Time (Professional and Shade Tree)
- **This event is conducted solely by volunteers. Any person, team member, or person socializing with a team member should treat each person volunteering for this event with respect and dignity. Should your driver, team members, or a person associated with your team members disrespect a volunteer, your entire team will be disqualified from this event and will not receive a refund for the \$75 participation donation. It is your responsibility as a team to treat this event as a community collaboration.**