



Soapbox Derby

September 26th

Registration 9am

Races 10am-3pm

Kids Division: ages 8-15

Adult Division: age 16 & up

Team of 2 Division: age 16 & up

Entry Fee: \$10.00

Sponsored by:



5 basic rules:

- 1. Gotta GO!**
- 2. Gotta Turn!**
- 3. Gotta Stop!**
- 4. Gotta wear a helmet!**
- 5. Gotta Have Permission!**



ADVANCED ONLINE REGISTRATION IS PREFERRED:

www.rivercountrychamber/events

For more information, Rules & Regulations, please call
(231)652-3068 or email events@rivercountrychamber.com



SOAPBOX DERBY

September 26th

Registration: 9am

Races: 10am - 3pm

ENTRY FORM

Name of Participant/Team of 2	Age
Address	Phone Number
Please list identifying information on your car. (Color, name or number)	
<p>Please check each box as you have reviewed the information.</p> <p><input type="checkbox"/> I have read and understand the rules and regulations of the derby and agree to comply.</p> <p><input type="checkbox"/> My car has been constructed as outlined (has working steering and brakes) and is considered to be eligible to drive.</p> <p><input type="checkbox"/> I agree to conduct myself appropriately, demonstrating good sportsmanship and refraining from inappropriate conduct.</p>	
<p>Waiver will be signed day of event.</p> <p>Races will take place on the hill next to the Fire Department in Grant.</p> <p>Registration is at Grant Community Church at 9am!</p> <p>Advanced Registration online is preferred for this event at www.rivercountrychamber.com/events Call (231)652-3068 or email events@rivercountrychamber.com</p> <p>Kids division 8-15 years of age * Adult division: 16 & up * Team division: team of 2, 16 & older</p>	



Rules and Regulations



There are five basic requirements for derby cars and participants:

GOTTA GO!

- ♦ All cars must have 4 wheels. Each derby car must be gravity powered with no added weight. No motors or engines. There is no limitation on size, weight, materials or design. **MUST have four (4) wheels!** Cars are typically 4ft. To 6ft. Long and 2ft. To 3ft. wide and generally made of wood. When using wood it is suggested that you use screws rather than nails and be sure to use plenty of wood glue.

2. GOTTA TURN!

- ♦ Simple pivot steering is the most basic and common steering system. Basically, the front axle is a solid piece that rotates about a single pivot in the center. This system is the most simple to construct and is quite adequate since you will not need a big turning radius.
- ♦ Four bar linkage is like a steering mechanism that you might find in your automobile. It is more complex and harder to construct and thus it is seldom recommended. Whatever method of steering you use, it is not wise to limit it to the range of your car. The derby will be run on a straight course so that there will be little need for sharp turns. Please do not design your car to turn on a dime, it is not safe and may cause your car to flip.

3. GOTTA STOP!

- ♦ Skid pad on the wheels is a very basic, yet very effective braking method. In this method, you setup a pad or brake shoe that rubs against the wheels to stop the car. This is the most preferred method for cars made from scratch because of its effectiveness and simplicity.
- ♦ A skid pad on the ground is similar to the first option, but instead of a pad contacting the wheels, it contacts the ground. This method is a little more complex to construct and probably less effective than the pad on the wheels method.
- ♦ Anchor or parachute could be used - *BUT, Just for FUN!* Regardless of the braking system that you choose the most important thing is that the car must be able to stop. Good brakes will go a long way in preventing crashes!

4. GOTTA WEAR A HELMET!

- ♦ Helmets are a must! Please do not alter helmets in any way that would change their effectiveness. Cars will not be allowed on the track unless the driver/rider is wearing a helmet. Elbow pads are also strongly encouraged. Decorating helmets is encouraged for fun!

5. GOTTA HAVE PERMISSION!

- ♦ Be sure to pick up an entry form/permission slip before the race! All drivers under the age of 18 must have the permission slip signed by their parent to enter the derby. **Entry forms need to be turned into the River Country Chamber of Commerce or register online at: www.rivercountrychamber.com by 5:00pm on September 24th.** Please call (231)652-3068 or email: events@rivercountrychamber.com with any questions. Please note that permission slips must be signed in order to race.
- ♦ **Sponsors:** Racers are encouraged to obtain a sponsor to help off set the cost of building the car. Sponsors may advertise on the car.