



DISCLAIMER: This is not a school event

# MUNICIPALITY OF MAGNETAWAN



## FOURTH ANNUAL SOAP BOX DERBY 2018

REGISTRATION FORM: Due Friday, July 13th, 2018 At Magnetawan Municipal Office

Child's Name: \_\_\_\_\_ Parent or Guardian: \_\_\_\_\_

Address: \_\_\_\_\_

Town: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Age: \_\_\_\_\_

Email Address: \_\_\_\_\_

Returning Racer: Yes \_\_\_ No \_\_\_ Will you be building a new car (**returning racer only**): Yes \_\_\_ No \_\_\_

T-Shirt Size: \_\_\_\_\_

**Fee: \$20.00 (include when handing in forms)**

### Parent or Guardian Wavier:

I have read the instructions issued for this event to my son/daughter. He/she agrees to compete according to these instructions and any others that may be issued. I hereby grant permission for my son/daughter to participate in the Municipality of Magnetawan Soap Box Derby, and in consideration of this acceptance of this entry, I understand that the Municipality of Magnetawan or any participating sponsor and/or their representatives cannot be held responsible for any damages or injuries caused to/by my son/daughter during the course of this event notwithstanding that the same may have been contributed to by the above mentioned persons. I feel that my child can safely handle a Soap Box Car.

Date: \_\_\_\_\_

Signature of Parent or Guardian: \_\_\_\_\_ Witness: \_\_\_\_\_

If you are a first time racer, or will be building a new car, check this box if a sponsor is wanted. Contacts will be made after **all** forms are in about whom the child's sponsor will be. This decision will be made through a draw to ensure fairness.

**Racers using the same car as last year will be provided with a maximum \$80 account at the Home Hardware Building Center to make any repairs or modifications to their car. They will represent the same sponsor from last years Soap Box Derby Race.**

Check this box if you would like to be provided with an already assembled drum and cable steering mechanism. This is the advised steering mechanism. Keep in mind; this mechanism costs roughly \$55. Other steering mechanisms are permitted, as long as the racers safety is ensured.

**CONTACT ELINOR RAAFLAUB - [RECREATION@MAGNETAWAN.COM](mailto:RECREATION@MAGNETAWAN.COM) FOR A COPY OF THE SOAP BOX DERBY BUILDING DIAGRAMS**

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# MUNICIPALITY OF MAGNETAWAN



## SOAP BOX DERBY 2018

### MEMBER REGISTRATION / INJURY WAIVER FORM

Childs Name: \_\_\_\_\_ Age: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

#### Parent or Guardian Wavier

I, \_\_\_\_\_, being of sound mind and body acknowledge that I am enrolling my son/daughter in the Municipality of Magnetawan Soap box Derby. I hereby grant permission for my son/daughter to participate in the Soap Box Derby.

I understand and I am fully aware of the fact my son/daughter will be involved in an activity, which can result in bodily injury.

In the event that my son/daughter is injured or suffers any short-term or long-term physical harm, I release the Municipality of Magnetawan, organizer, promoters, and participants from any and all liabilities now or in the future including but not limited to medical, hospital, paramedic or ambulatory care.

I release the Municipality of Magnetawan, organizers, promoters, and members from liability for any and all injuries sustained now or in the future, including but not limited to: tissue damage, broken bones or any other injury or illness however caused, occurring during or after my son/daughters participation in the Municipality of Magnetawan Soap Box Derby.

I hereby affirm that I have read fully, and understand and agree with the above statements.

Parental Signature: \_\_\_\_\_ Date: \_\_\_\_\_

#### Contact Information:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: (Home) \_\_\_\_\_ (Mobile) \_\_\_\_\_

Email: \_\_\_\_\_

#### Emergency Contact Information (if different from Contact Information):

Name: \_\_\_\_\_ Relationship: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: (Home) \_\_\_\_\_ (Mobile) \_\_\_\_\_



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# MUNICIPALITY OF MAGNETAWAN

## SOAP BOX DERBY 2018



**RACE DAY: Saturday, July 28, 2018**

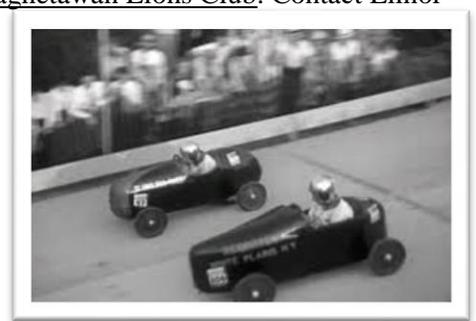
### **Registration Forms**

- Pick-up and return entry forms to Elinor Raaflaub, Recreation Supervisor at the Magnetawan Municipal Office. 4304 Highway 520 Magnetawan ON.



### **Important Notes**

- Any racer that needs help with building a car can receive help from the Magnetawan Lions Club. Contact Elinor Raaflaub at [recreation@magnetawan.com](mailto:recreation@magnetawan.com) or (705)-387-3947.
- Sponsors are available to help financially with the cost of building a Soap Box Derby Car. If a sponsor is needed, Elinor Raaflaub will assign a sponsor to the racer.
- Each sponsor will provide a racer with a \$280 sponsorship. A maximum of \$200 can be used to purchase materials to build the car. An additional \$80 must be allocated to purchase the required wheels and axles.
- Returning racers using the same Soap Box Car as last year will be provided with a maximum \$80 sponsorship for any modifications or adjustments that need to be made to their car. They will represent the same sponsor as last year.
- Pre-race inspection will be Saturday, **July 21<sup>st</sup>, 2018**, bring your car to Magnetawan Knox Presbyterian Church between **9am-1pm** for inspection and certification
- Race day inspection for car and driver on Saturday, **July 28<sup>th</sup>, 2018** at **9:00 am** on Church St.
- **Heats will begin on July 28<sup>th</sup> at 10:30 am**. If time permits there will be an opportunity for practice runs.
- **Do no be late for inspections or for the races**



### **Entry**

- 24 cars and racers
- Entry fee \$20.00

### **Sponsors**

- Committee has recruited available sponsors
- If you need/want a sponsor there will be a draw for sponsors after all registration forms are in
- Elinor Raaflaub will contact each racer and let them know who their sponsor will be
- Rules allow you to spend a maximum of \$280.00 on materials, each sponsor understands this limit. \$80.00 of this total amount will go to the purchase of wheels and axles.
- Receipts are required
- Sponsor logo/name **MUST** be detailed on soap box derby car
- Returning racers using the same car as last year are asked to keep the original sponsor logo
- An \$80 sponsorship account will be set up at the Building Centre in Magnetawan for returning racers using the same car as last year. Receipts are required.



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## **Grand Race Marshal**

Announcements made by Grand Race Marshall

- Calls the beginning of event
- Announces heat results
- Score board
- Has the authority to disqualify racer, pit crew or parents/guardians for any un-sportsmanlike behaviour, foul play or altered vehicles

## **Limit of Entries**

The Magnetawan Recreation Committee has limited the number of entries to 24 vehicles. If significantly more entries are received the committee will decide if more entries will be accepted.

## **General Instructions**

Since ramp starting will be used, you must build your car so that it conforms to the minimum and maximum dimensions on the **attached sketches**.

Proof of age will be necessary, and must be shown to the officials when your vehicle is being inspected. All participants must be **Eight (8) to Fourteen (14) years old**, inclusive to and on registration day.

Your car will be issued an official approved sticker after it has passed inspection. No alterations to your car will be allowed after the sticker is issued.

In all cases where a decision is required, the race judge's decision will be made. If this does not resolve any issue, then the Grand Race Marshall will be asked to decide and it will be final.

It is expected that all drivers and people in their pit crew will act in sportsmanlike manner at all times. Anyone who does not uphold the requests of the race officials may be expelled from the race.

There will be race officials along the race course to make sure that participants stay within their lanes and to ensure that fair racing is maintained. Hay bales will be placed alongside the race track in the event that a car goes off course.

There will be two starting officials to ensure fair starts (ramp start).

There will be two race officials at the finish line; first car to cross the finish line will win.

If your car needs repair during the races, and you are called upon to race, you will be given one runs grace or about 10 minutes, but you must be ready when your number is called a second time, or face elimination. This action must be taken as to not slow down the race schedule.

On race day, the Race Grand Marshal has the authority to reject and eliminate from the race any vehicle, which he/she believes is unsafe, or does not conform to the specifications.

Protective head gear must be worn during each race. We strongly recommend a bicycle, or motorcycle helmet.

Rules of the race will be available at the Grand Race Marshal's desk on race day.

## **The Vehicle – Formula 1340**

To maintain fairness and family fun we require **home built** Soap Box Cars **ONLY**. No professional entries, or kit cars.

In order to ensure a competitive atmosphere, the vehicle must conform to the following specifications. The following rules are and have been established to ensure better safety of the racers. Some rules that follow are that of the National Soap Box Derby Racing Association. Sketches are also attached for easier instructions.

1. The total receipt value of the car (including the wheels and axles) cannot exceed \$280.00. Receipts must be given for all purchases or donations put towards or for the construction of the car. Receipts need to be provided on the pre race inspection day (July 21).
2. The total receipt value for racers using the same car as last year cannot exceed \$80. Receipts must be given for all purchases or donations put towards any modifications or part replacements. Receipts need to be provided on the pre race inspection day (July 21).
3. Weight of driver and car must not exceed 275 lbs.
4. The vehicle length will be no longer than 80" (inches).
5. Height of car, from bottom of wheel to the top of body must not exceed 28"
6. Minimum ground clearance of 3" (inches), maximum 7" (inches) clearance, when the driver is seated in the vehicle.
7. Minimum wheelbase of 56", 66" maximum (the distance from the front to rear axel).
8. Front and rear axles must be the same width. The axle width between the wheels must be between 30" minimum and no more than 36" maximum
9. The distance from front axle to the front of car must be a maximum of 6". The distance of the rear axle to the back of the car must be a maximum of 8". This is required so the car descends down the ramp smoothly.
10. The vehicle must have a **Foot Operated Drop Drag Brake System** (see attached diagrams).
11. The steering apparatus must be enclosed as close as possible to the body of the vehicle and shall include limit devices, which prevent the front wheels from rubbing the body or frame.
12. Each racer is advised to use an approved drum and cable style steering mechanism with the drum diameter to be between 2.5"-3". **This steering mechanism will be provided for the racer on request.**
13. The body of the vehicle must be made of wood, fiberglass or plastic (**NO METAL**). The body must not enclose the seating area and must permit free use of the hands and arms (no enclosed cockpits).
14. The vehicle cannot confine the head.
15. Each entrant must be involved in all aspects of their car construction build his/her own vehicle, or participate in construction.
16. No sharp or protruding objects on exterior or interior.

### Safety and Qualifications

Pre safety testing, inspection and qualification will be held at Magnetawan Knox Presbyterian Church on Saturday July 21<sup>st</sup> 2018 from 9 am-1 pm. **Each racer must attend this inspection.**

Safety, inspection and qualification of the vehicle - Inspector will check the following:

- Vehicle Dimensions
- Brakes (a test of brakes will be performed)
- Strength of the frame
- Fastening and securing of the axles and wheels
- Steering assembly (must have steering stops which prevent wheel lock up on the frame or body)
- No sharp edges or objects
- **No alterations** to wheels or bearings will be allowed
- Total receipt value

Any car that does not comply will have to be altered **prior** to race day, and re-inspected race day morning

The driver of the car must be in attendance for the safety inspection and qualification.

We will check again the;

- Proof of age of driver
- Proper fitting of helmet
- Weight of driver and car (**must not exceed 275 lbs.**)

### **Final Inspection on Race Day**

Any alterations or modifications as determined at pre safety, inspection and qualification must be completed for inspection and approval on the day of the race in order to qualify.

### **The Race**

The course will be on Church Street Hill, alongside the Magnetawan Building Centre. This street will be prepared prior to race day. The road will be in proper condition for this race to occur.

You are advised to be at the staging area with your car by 8:30 am Saturday morning for final inspection and check in. Again, meet at Church Street and you will be directed where to go. Once cars are inspected, practice runs may be allowed, as time permits.

All cars will be started from a ramp. False starts will be called only if the judges feel an advantage from the start was made. Each car will have at least two runs, each time changing lanes when possible.

The order of the first round of racing shall be determined by a draw.

Prizes will consist of: 1<sup>st</sup> place: \$300.00 + a trophy with engraving

2<sup>nd</sup> place: \$200.00 + trophy

3<sup>rd</sup> place: \$100.00 + trophy

4<sup>th</sup> place: \$50.00 + trophy

All racers will receive a Soap Box Derby participation T-Shirt.

Cars will be returned after each race by a truck to the staging area.

Drivers and cars must be ready to race when your name is drawn.

In any round, the odd car will be given a bye to the next round.

Any further instructions will be made on race day at the drivers meeting prior to race time.

First heats will begin at 10:30am – Don't be late!

### **A Final Note**

1. Changes to cars: **absolutely no changes** may be made to any car once it has been inspected and receives an approval sticker.

Anyone found making changes to his/her car without the approval of the Race Grand Marshal during the course of the race will be automatically disqualified and eliminated from the Soap Box Derby. This shall include, but is not limited to the following:

- A. Removal of or addition to weight of car (ex. Sandbagging)
- B. Removal of or modification to body panels or structure of car
- C. Changing to a second set of wheels

In the event of damage to a car, for example if a driver hit a curb, repairs can be made to the extent that as little work as necessary is done to allow the car to continue racing, and it must pass safety inspection before being allowed to continue. Car repairs will be made at the discretion of the Grand Marshal.

2. Conduct: We would appreciate that both drivers and pit crew including parents or guardians to act in a sportsmanlike manner at **ALL** times. Race officials will attempt to make sure that all vehicles are running according to regulation and that all races are run in a fair manner. Race official's decisions are final.
3. **Racers are you ready? 3 - 2 - 1 - GO!**

### Material and Equipment Suggestion List

#### Materials

- Wheels
- Axles
- Plastic ABS caps
- Plastic ABS piping
- Washers
- Mending plate
- Bolts
- Eye bolts
- Nuts
- Screws
- Heavy duty clothesline cable
- Clothesline clips
- Spring hinge for brake
- Pipe flanges
- Plywood
- Pipe Strap
- Turn buckles
- Cotter pins
- Paint

#### Equipment

- Saws
- Drills
- Measuring tape
- Screw drivers
- Level
- Hammer
- Sandpaper
- Wood glue
- Paint brush

