

**2021**  
**Herbie Nationals**  
**Pinewood Derby Guidebook**



**Air Date & Times on BCTV**  
**Friday, April 9<sup>th</sup> at 7:00pm**  
**Saturday, April 10<sup>th</sup> at 8:30pm**

*Open to all Lions, Tigers, Wolves, Bears,  
Webelos, and Arrow of Light Candidates,  
Scouts BSA, Adults and family members*

Registration and Car Drop at the Council Service Center between  
Monday, March 22 and Friday, March 26  
\$5.00 Registration Fee

**THIS EVENT IS NOT AN IN-PERSON EVENT**

**It will be recorded and aired on BCTV**

Dear Scout Unit Leaders:

Please take time to read the attached Guidebook as it answers most of the questions you may have regarding the event.

This Guidebook should be shared with all Parents and Den Leaders so that they also understand the event.

Pre-registration is required. Pre-registration will allow us to have a better idea of how many Scouts and Scouters we will have in each class. Cars must be registered and dropped between Monday, March 22 and Friday, March 26, 2021.

**Registration costs \$5.00 and must be paid at the Council Service Center at 5027 Pottsville Pike, Reading, PA 19605. The car must be dropped at the Service Center in a small box labeled with Name, Phone #, Pack, Den, Troop, Email, and proof of purchase.**

**Cars can be picked up at the Council Service Center the between the dates of Monday, April 12 and Friday, April 16. Cars remaining after the final pickup date will be donated to the afterschool ScoutReach program.**

Any questions should be directed to [Joshua.potts@scouting.org](mailto:Joshua.potts@scouting.org)

Yours in Scouting,

Co-Crew Chiefs Tim Trout and Jim Conrad



**BOY SCOUTS OF AMERICA®**  
**HAWK MOUNTAIN COUNCIL**

### **Basic Information**

THE REGISTRATION DEADLINE IS Friday, March 22, 2021

- 1. Fee for the event is \$5.00 per person.** Register by dropping your car off at the Council Service Center and paying in the store. The fee includes a collectable Pit Pass and entry into the race. **NOTE:** This does not include a Pinewood Derby Kit, these must be purchased on your own.
- 2.** No Scouts, adult leaders, or parents will be permitted at the filming location due to COVID-19 restrictions and regulations.
- 3.** Only registered Scouts are allowed to register a car for racing in the Cub classes. Any Scouts BSA member, adult Scouter or parent/guardian can register a car in the Outlaw class.
- 4.** All car tech should be complete when dropping off and paying registration.
- 5.** Each registration will receive a unique race number when dropping off their car. The number is how you can track your car while watching the race on TV. Names will not be announced until winners of each division are determined.

Trophies will be given for the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Place in each class.

Overall Winner of Entire Race will receive a Traveling Trophy that will be circulated year to year.

#### **Classes:**

Cub Scouts: Lions – Tigers – Bears - Wolf - Webelos & Arrow of Light Candidates

Outlaw Class: ScoutsBSA, Adults, Family Members all combined

## Pinewood Derby Car Regulations for all Racers

Please read these regulations and instructions before building your car.

**Cars should be built by the Cub Scouts with some adult guidance.** Any technical assistance should be fully explained to the Cub Scout so that he can use that knowledge in future projects.

We will be following the Standard Pinewood Derby Rules and Specifications (included with kit)

### **Car Specifications:**

1. Width – 2 3/4” Length – 7” Weight – Not over 5 ounces
2. Width between wheels – 1 3/4”
3. Bottom clearance between car and track – 3/8”
4. The wheelbase (distance between front & rear axles, center to center) may not be from the kit body distance of 4 3/8”,
5. Overall Height from bottom of wheels to top of the car – less than 3 1/2”(this allows clearance of electronic timing gates)
6. Since the starting pins are round, minimum width of front of car is 1/2”

### **Regulations for Cubs:**

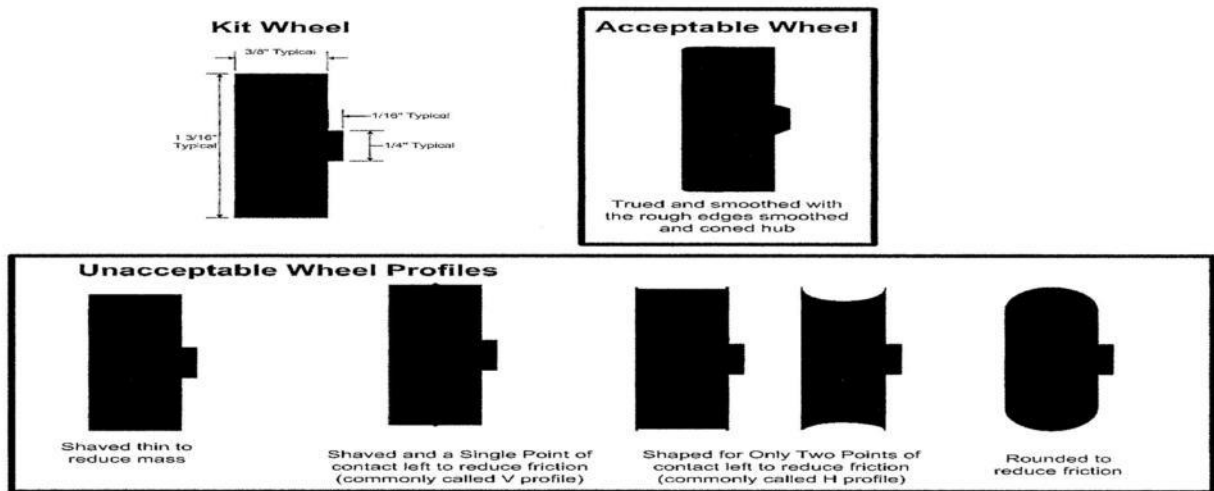
1. Only Official Cub Scout Pinewood Derby (BSA) wheels and axles are permitted. This includes the colored BSA wheel.
  - a. Wheel bearings, washers, and bushings are prohibited.
  - b. Cars shall not ride on springs.
  - c. Axles may be lightly filed, sanded, & polished, this is the only axel modification allowed. i. Nail heads from the axles must be in full view.
  - d. Wheels may be lightly sanded & polished, this is the only wheel modification allowed.
    - i. NO honing or cutting of wheels will be allowed.
    - ii. BSA markings & side tread must remain and may not be altered.
2. Details such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width, weight, and height specifications.
3. The car must be free-wheeling, with no starting devices.
4. Each car must pass inspection.
5. All cars will be impounded and take to a staging area once check in is completed.
6. **ONLY Dry lubricants** (graphite, Teflon, etc.) **are allowed** & should be applied prior to check in. If any evidence or suspicion of the use of wet lubricants will result in disqualification from the race, no exceptions as the use of wet lubricants will cause damage to the track.

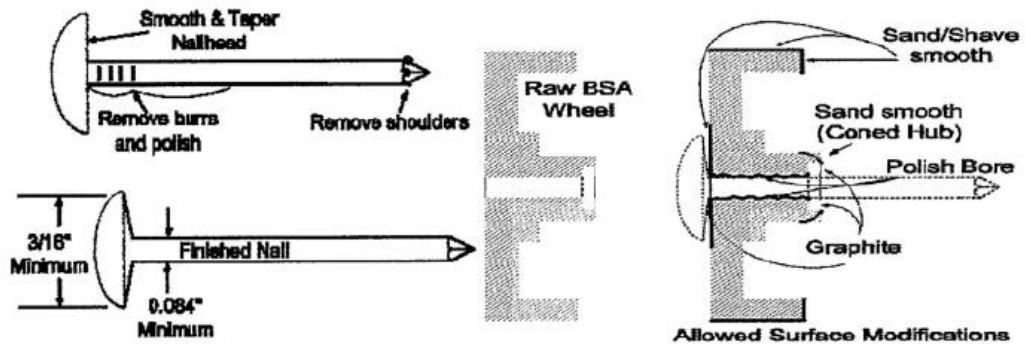
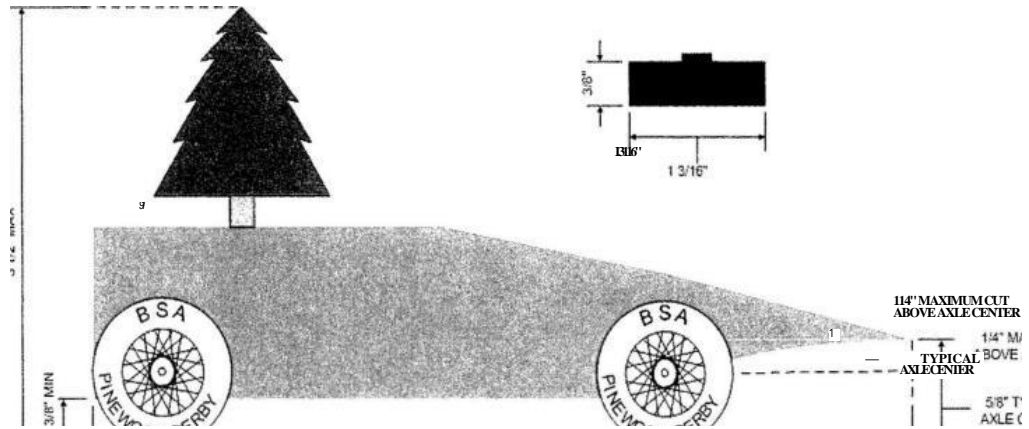
### Ground Rules:

1. The reading of the Official Race Scale (the scale provided by the Derby Committee) will be considered FINAL! No other scale can be used. In the event the car is overweight the participant will be moved into the Outlaw class.
2. If a car jumps off track, the heat will be rerun. If the same car jumps off a second time, it will automatically lose that heat.
3. If a car leaves its lane & interferes with another car, the heat will be rerun. If the same car leaves its lane & interferes with another car a second time, the heat will be rerun without the interfering car. The interfering car will automatically lose that heat.
4. No scouts, adult leaders, or parent/guardian will be allowed at the track area.
5. Each car is guaranteed 3 races.

### Inspections & Disputes:

1. Each car must pass inspection by the Official Inspection Team (Team designated by the Derby Committee) before it may compete.
2. The Inspection Team has the right to disqualify any car and race them in the Outlaw class.





Sam

