

Mountaineer District Official Pinewood Derby Rules

*All cars must conform to the inspection standards listed to be allowed to race.
It is required that the cars be constructed of the Official Grand Prix Racer Kit.*

Scouts are required to build a new car each year.

Car Specifications

1. Overall **Width** of the body (car including wheels) shall not exceed 2¾ inches.
2. Overall **Length** of the body (car including wheels) shall not exceed 7 inches.
3. Overall **Height** of the body (car including wheels) shall not exceed 3 inches.
4. Minimum **Width Between Wheels** shall be 1¾ inches.
5. The car (car include weights) must have a **Track Clearance** of a minimum of 3/8 inches.
6. The **Weight** shall not exceed 5 ounces. The scale at the derby registration is the official scale.
7. **Car Detailing** is permitted as long as it does not cause the car to exceed length, width, and weight specifications.
8. The **Front** of the car shall not exceed the starting gate in order to gain an advantage at the starting line.
9. **Wheels and Axles must be Official BSA Grand Prix Racer Parts.** The wheels may not be reduced from their original size. The wheels may be lightly sanded and polished but not tapered.
10. The axles may be lightly sanded and polished.

Car Restrictions

1. No loose materials of any kind are permitted on the car.
2. Washers and bushings are prohibited for use as suspension.
3. The car shall not ride on any spring.
4. The car must be freewheeling with no starting device(s).
5. Official Grand Prix Racer weights or other solid material weights are allowed (**no Mercury**).

General Rules Governing Races

1. All racers must be registered Lion Cubs, Tiger Cubs, Cub Scouts, Webelos Scout or Boy Scouts with the Boy Scouts of America.
2. Each car must pass an inspection by the Official Inspection Committee at the Derby. If a car does not meet specifications, it may be modified by the owner; modifications to pass inspection to pass inspection must be completed by the close of the registration period.
3. Graphite powder **only** may be applied to the car. Cars using liquid lubricants will not be allowed to run on the track. Please do not bring graphite powder inside the school. This has created slip hazards in the past.
4. Once the car is registered, it can only be handled by a Race Official. With the approval of the Race Chairman, the owner of the car can handle the car only to make repairs necessary under General Rules 7.
5. If there is a ties at the end of the Set, those cars will have a single tiebreaker heat to determine places. Lane for the tiebreaker heat will be assigned randomly by drawing numbers.
6. If a car leaves the track the heat will be run again. If the same car leaves the track a second time and it interferes with another car, the heat will be run a third time without that car, and that car will receive a 10 second time for the heat.
7. If a car suffers a mechanical problem and a repair can be accomplished with 5 minutes, the heat will be run again. If not, the car will be given a 10 second time for the heat.
8. Ungentlemanly or unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or race area.

Have Fun!!

MOUNTAINEER DISTRICT PINEWOOD DERBY

When: Saturday, February 15, 2020

Where: New Martinsville School, 20 East Benjamin Drive, New Martinsville

Cost: \$10 (Participants receive Free Hotdog and Drink if Registered by February 7, 2020)

Time: Registration begins at 9:30 am – Race Schedule and events TBA

Who: All Mountaineer Districts Packs, Troops, and Families

How: Build a Pinewood Derby Car according to Adopted Districts Rules

All cars will be inspected on race day to allow equal opportunity to all racers.

EXCLUSIVE PINEWOOD DERBY PATCH AWARDED TO FIRST 125 ENTRIES

Please use separate form for each entry:

Participants Name: _____

Pack/Troop # _____

Circle Race Category

Lion Tiger Wolf Bear Webelos AOL Boy Scout Sibling Adult

\$10.00 Cash _____ Check _____

Parent/Guardian/Emergency Contact Name: _____

Contact Number in Case of Emergency _____

CUBMASTERS AND SCOUTMASTERS

Please register as a pack/troop with ORVC by February 7, \$12.00 after February 7

Walk-Ins Will Be Accepted on Race Day!!! Cost \$12.00 walk in fee

Mail all registrations to Connie Yeager 488 Church Ln. New Martinsville, WV 26155 304.455.1419

EMAIL: connie.yeager@frontier.com

Account Number: 1-6801-116-20