

2023 Spirit Lake District Pinewood Derby

Saturday April 15th

Pearson Air Museum 1115 E 5th St, Vancouver, WA 98661

District Coordinator: David Cavarretta (360) 909-1863 david.cavarretta@gmail.com

Who is eligible?

The top 3 racers from each den are eligible to compete in the district pinewood derby event. Cars should be impounded after each pack derby event and turned in to the district coordinator before the race.

Turn in Process

Pack leaders can turn in derby cars at Round Table meetings on 2/9, 3/9 & 4/13. Individuals who cannot make the round table events can make arrangements to drop off cars at the district coordinator's home in Salmon Creek. (see contact info above)

Please fill out the included sign up sheet and have your scout's name, den and pack # written on the bottom of each car.

Cars can be picked up at the conclusion of racing on April 15th and will be brought to District roundtable meetings for pickup. Additional arrangements to pick up cars can be made by contacting the district coordinator.

Regarding the district rules, we understand that some packs may have already conducted their pinewood derby events and some cars may not meet all of the rules for the district event. Please contact the coordinator to discuss any issues and we can make arrangements to be as inclusive as possible for our scouts.

2023 Spirit Lake District Pinewood Derby Rules

Developed in concordance with common local pack rules and National suggested rules. The intent of these rules is to allow sufficient opportunity for all scouts, regardless of access to specialized equipment, to compete in the district event. With these rules, a drill and some basic hand tools would allow any scout to build a competitive car.

1. Length, Width, and Clearance:

- a. Maximum overall width shall not exceed 2-3/4 inches.
 - b. Minimum width between wheels shall be 1-3/4 inches.
 - c. Maximum height shall not exceed 3 inches.
 - d. Minimum clearance between the bottom of the car and the track shall be 3/8 inch.
 - e. Maximum overall length shall not exceed 7 inches.
 - f. Wheelbase (distance between the front and rear axles) may not be changed from the kit body g.
- The car must be constructed from an Official BSA Grand Prix Pinewood Derby kit.

2. Weight and Appearance:

- a. Total weight of the car shall not exceed 5 ounces. The Official Scale reading will be final.
- b. No liquids or loose materials of any kind are permitted on the car.
- c. Details such as steering wheel, driver, spoiler, decals, and painting are permissible but may not exceed the maximum length, width, height, or weight specifications.

3. Wheels and Axles:

- a. Axles and wheels shall be Official Grand Prix Pinewood Derby products in unmodified condition. Wheels may be lightly sanded to reduce imperfections. However, beveling, grooving, tapering, thin sanding, wafering, weighing or lathe turning of the wheels is prohibited. Colored BSA wheels are allowed.
- b. At least 3 wheels must always touch the track.
- c. Axles may not be altered other than de-burring, polishing, or slight bending.
- d. Wheel bearings, washers, bushings, springs, or hub caps are prohibited.
- e. No lubricating oil may be used. Axles may only be lubricated with powdered graphite or silicone.

4. General:

- a. Cars must be freewheeling, with no starting or propulsion devices. No sticky substances allowed on the nose to aid in starting.
- b. Cars must be made during the current year.
- c. Each racer will be assigned a Driver Number at check-in.
- d. If the car exceeds the requirements, the Scout will have an opportunity to correct the issue before officially checking it in.
- e. No additional modifications may be made to the car after check-in.
- f. Each racer will compete in 3-4 heats. Every car will rotate through each of the lanes. Heats will be organized randomly by the racing software.
- G. Cars must physically fit onto track without interfering with other vehicles, and must roll smoothly with sufficient ground clearance