

Pinewood Derby Rules Cub Scout Pack 256

Each car is inspected at weigh-in for the following inspection points:

Pinewood Derby Car Dimensions

- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 $\frac{3}{4}$ inches.
- The car must have 1 $\frac{3}{4}$ " clearance between the wheels.
- The car must have $\frac{3}{8}$ " clearance underneath the body so it does not rub on the track.

Derby Car Weight

- The car weight shall not exceed 5.0 ounces.
- The official race scale that is used at car check-in shall be considered final.

Wood, Wheels and Axles

- The official pine wood block must be used. The block may be shaped in any way that is desired.
- Official BSA wheels must be used (this includes the colored wheels sold by the BSA). The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels.
- The axles may be altered, polished and lubricated.

Car Modifications Not Allowed

- Wheel bearings, washers or bushings are prohibited
- The car must not ride on any type of springs
- No starting devices. The car must be freewheeling.
- No loose material of any kind, such as lead shot, may be used.

Other Pinewood Derby Race Rules

- Once a car passes inspection and is entered into the race, only race committee members can touch it.
- If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make a repair
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications

Powdered graphite is allowed