

Pinewood Derby Rules Cub Scout Pack 11

1. The car must have been made during the current - cannot use previous years cars

Derby Car Dimensions

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

Derby Car Weight

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

Derby Car Modifications

1. The official pine wood block must be used. The block may be shaped in any way that is desired.
2. Official BSA wheels must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels.
3. The axles which came with the kit must be used; they may be polished and lubricated.
4. Wheel bearings, washers, and bushings are prohibited.
5. Only dry lubricant is permitted.

Race Day Rules

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