

Pack 320 -Official Pinewood Derby Rules

Pinewood Derby Car Dimensions

- The overall length of the car shall not exceed 7".
- The overall width of the car shall not exceed 2 ¾".
- The car must have 1 ¼" clearance between the wheels.
- The car must have 3/8" clearance underneath the body so it does not rub on the track.
- The car must not exceed 6" in height.

Derby Car Weight

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

Wood, Wheels and Axles

- The official pinewood block must be used.
- The block may be shaped in any way that is desired.
- The official BSA wheels must be used.
- The wheels may not be cut, drilled, beveled or rounded.
- You may remove the casting seems and imperfections from the wheels.
- The axle locations may be moved but the original spacing (approximately 4 3/8") must be maintained.
- The axles may be polished and lubricated, otherwise, modifications are not permitted.

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 committee before it will be allowed to compete.
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications.
- Please label the car with name and den number.
- A new car must be made each year. Cars used in prior years will not be admitted to the race.