



Official Pinewood Derby Rules

(Rules from BSA Pinewood Derby Kit)

Car Dimension Rules

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

Derby Car Weight Rules

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

Car Modifications Not Allowed

- 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. 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. Only dry lubricant (such as graphite) is permitted.
- Dry lubricant/graphite should be applied at home, not inside the school.

Other Pinewood Derby Race Rules

- Do NOT put number stickers on the car. Bring your number stickers to inspection. Numbers will be assigned at inspection time.
- 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 repairs.
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.
- The car must be able to roll freely on the track with the wheels in the guides. This will be checked at inspection on a section of track.
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these rules.

Rules Provided by [Pinewood Pro](#)