

Pinewood Derby Rules

1. Each car must pass inspection by the Pinewood Derby Committee before it can compete. The Committee will disqualify a car that does not meet the specifications.
2. Each car will be weighed on a balanced bar beam gram scale (or equivalent). The maximum weight allowed is 5 ounces / 141.75 grams. Cars exceeding this weight will not be entered in the Derby.
3. Cars must not exceed the following dimensions: Width - 2.75 inches / 7.0 centimeters. Length - 7.0 inches / 17.75 centimeters. Height - 2.25 inches / 5.7 centimeters. The height of the bottom of the car above the track should be not less than 0.4 inches / 1.0 centimeter.
4. Only wheels and axles (nails) supplied with the "Grand Prix Pinewood Derby" kit (1622 or 1623 or equivalent) are to be used.
5. Wheel bearings, washers, bushings, and other devices of these types are not permitted.
6. Only a smooth, flat wheel surface is acceptable. Wheels may be smoothed and/or polished, removing burrs and casting fragments. Only a flat wheel surface of the width provided will be allowed; the wheel surface may not be beveled, rounded, narrowed or otherwise reduced.
7. Powdered graphite is the only lubricant allowed. No oil, grease, sprays or other lubricants are to be used on the wheels and axles.
8. Once the car has been inspected by the Derby Committee, nothing more may be done to it. In particular, no additional weight may be added to it and no graphite applied to it.
9. The Derby Committee may allow repairs to a car if it is damaged during a race.
10. If a car jumps the track, and the Derby Committee determines that the track is not at fault, a race will be declared no contest and it will be rerun. If the car jumps the track a second time, it will forfeit the race.
11. Any events that arise that are not covered by the above rules or that require interpretation and/or clarification will be acted upon by the Derby Committee. The decision of the Committee will be final.

Individuals participating in the Derby are responsible for being familiar with these rules. Pack and den leaders should be certain that all Scouts and parents are provided with them.

All cars entered in the District Derby, either in racing or design, must be accompanied by a statement that describes clearly who was responsible for developing and producing a car. In particular, it should indicate the proportion of the time spent by the Scout and by any others in (1) creating the design, (2) rough cutting the block, (3) finishing the shape of the car, (4) painting and decoration, and (5) wheel and axle preparation and lubrication. This statement should be provided to the Committee at the time the car is inspected.

Pelathe District, Heart of America Council, Boy Scouts of America, 2008

Pinewood Derby Registration Form

Name _____ Pack _____ Den _____

Address _____ Phone _____

Rank: Tiger _ Bobcat _ Wolf _ Bear _ Webelos _ Arrow of Light _

Statement of Responsibility

Under each category explain how and by whom the different phases of the construction of the car were completed. For example, if the block was cut by the Scout's grandfather on a power saw, indicate this by "block cut by grandfather on a power saw." If the finishing of the shape of the car, after the cutting of the block, was done in part by the Scout and his older brother, indicate that "heavy filing and sanding by older brother (age 13) with finish sanding by the Cub Scout." Be as explicit as you can in each case.

(1) Creating the design (who came up with the initial ideas for the shape of the car, decided how it would be finished and decorated, and so on).

(2) Rough cutting the block (who handled this, using what tools).

(3) Finishing the shape of the car (how and by whom was the cut block prepared -- who filed and sanded and did all of the other things prior to painting).

(4) Painting and decoration (how much paint was applied, by spray and brush, and who handled decals and other decoration).

(5) Wheel and axle preparation and lubrication (who prepared the wheels, mounted them on the car body and did the lubrication).

(6) Indicate any other work on the car which was not covered above and who was responsible for it.

Signatures: _____
Scout _____ Helper(s) _____

Weight (5 ounces/141.75 grams), Width (2.75 inches/7.0 centimeters), Length (7.0 inches/17.75 centimeters), Height (2.25 inches/5.7 centimeters), Height of the bottom of the car above the track (not less than 0.4 inches/1.0 centimeter), Wheels and axles ("Grand Prix Pinewood Derby" kit, 1622 or 1623 or equivalent)

Mail with \$1.00 fee to George McCleary, 2514 Harvard Road, Lawrence, KS 66049-2617 (Phone 785-842-6966)