



Scout Class 2010 Official Pinewood Derby Rules & Specifications



These rules supersede the rules that are provided in the Pinewood Derby kit. **If your car does not meet the following rules/specifications, it will be excluded from the official standings, but a Race Official may permit the car to race as an unofficial entry.**

Ambiguity

These rules and specifications have been crafted to ensure that everyone races on an even and fair racing level. We hope that everyone understands and co-operates with these rules so the boys can have an enjoyable experience. All decisions made by Judges and Race Officials are final and not open for debate.

Cars Allowed

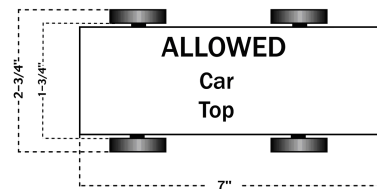
1. Cars shall be constructed from the materials supplied in the Official BSA Pinewood Derby Kit.
2. Use of pre-assembled or customized kits is strictly prohibited and will result in disqualification.
3. Use of cars from previous years will not be allowed.
4. Cars competing in the District race may not be altered in any way after competing in a Pack race, except for applying additional axle/wheel lubrication.

Inspection

5. All cars must pass an official inspection before being allowed to race.
6. All cars are subject to inspection at any time during or after the race.
7. Race Officials have the right to disqualify cars which do not meet these specifications.
8. After your car has passed inspection, only race officials will be allowed to handle your car. If you need your car back before the races begin, it must go through the inspection process again.
9. Cars can only be handled by race officials after the races begin.
10. If small repairs are needed during the race, they must be supervised by a race official.
11. Cars will not be given back to their owners until all cars have finished racing.

Overall Dimensions

12. The overall width of the car shall not exceed 2-3/4 inches.
13. The overall length of the car shall not exceed 7 inches.
14. Minimum width between wheels shall not be less than 1-3/4 inches.



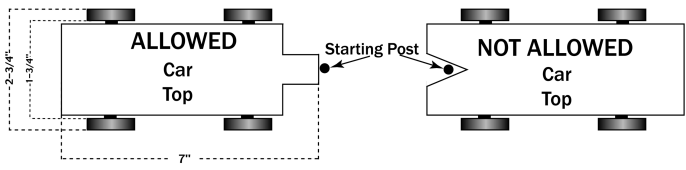
15. Original slot locations must be maintained for axle placement. Axle distance is approximately 4 3/8 inches from the center of the front axle to the center of the back axle. **NOTE: Cars with extended wheel bases will be disqualified.**
16. Minimum ground clearance should be 3/8 inch as measured between the car and the track.
17. Maximum ground clearance of the front edge should not exceed 1 inch to prevent the car from extending beyond the starting pin.



Weight

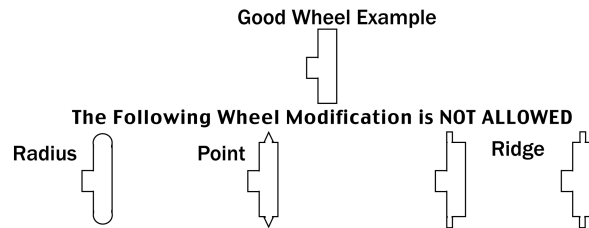
18. The weight of the car shall not exceed 5 ounces. The Official Scale(s) used at check-in shall determine the car's weight.
19. The car may be hollowed out and built up to the maximum weight by the addition of non toxic material (wood, metal, plastic, etc.) provided it is securely attached or built into the body.

General Construction and Design

20. Axles (nails), wheels, and body shall be constructed from the materials supplied in the Official BSA Pinewood Derby Kit. Solid axles or sports wheels, such as PineCar brand, are prohibited.
21. Anything not provided in the official kit is considered an accessory and must be firmly attached to the vehicle and adhere to the same standards covered in overall dimensions.
22. The cars will rest against a starting pin; therefore it is advisable that they do not come to a sharp point in front.
23. The front of the cars must not have a notch.

24. No loose or liquid materials are permitted in or on the car.
25. Each car must be free-wheeling with no starting device.
26. The car shall not ride on any type of springs or suspension system.

Wheels

27. Wheels may not be altered, reshaped, or modified in any manner except to lightly sand off any manufacturing irregularities or burrs from the sides or bottom of wheels.



28. Wheels and axles must be aligned so that all 4 wheels sit flat on the track at the same time.
29. The use of: wheel bearings, washers, bushings, or hubcaps are prohibited.
30. Graphite or other dry type lubricants will be the only lubricants allowed. Lubrication cannot be applied after official inspection/check-in.

Scoring

31. Every car will run each lane one time. The finishing positions will be based on the cumulative time after all heats have completed. The lowest cumulative time will be ranked first.
32. In the unlikely event of a tie in the top three positions, all cars that are tied for a position will draw a lane and will make one pass down that lane. The position that they finish will be used to break the tie.
33. Judges' determinations as to race winners are final.

GOOD LUCK AND GOOD RACING!!!!