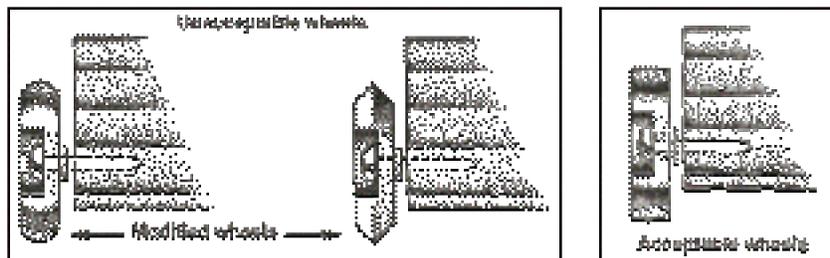


Pack 793 Pinewood Derby Rules

Note: Each Scout is responsible for understanding and following all rules. Nothing would be more heartbreaking than to work hard on a car and then have it disqualified for a rule violation. **Parents:** please review the rules with your Scout and help him understand the regulations, science, and sportsmanship of Pinewood Derby.

1. Car weight shall not exceed 5.000 ounces (**By the Derby's official scale**); car dimensions shall not exceed 7 inches in length, 2 inches in width, or 4 inches in height.
2. Sufficient space of 3/8 inch must be provided under the car to clear the guide rail. The car will have to clear the Official test block, 3/8 inch thick and 1 inch wide.
3. Only wheels and axles from the Official BSA Pinewood Derby kit or Official BSA Pinewood Derby Supplement kit may be used. **One-piece axles are prohibited.** Four nail-type axles provided with the BSA Pinewood Derby car kit must be used.
4. Weights and detail items (such as decals, driver figures, steering wheels, exhaust pipes, etc) from other sources are acceptable as long as they do not cause the car to violate any other rules. ANY material that falls off during the race will not be allowed to be reapplied unless caused by impacting with another car.
5. Cars must have been built for the current year Pack race. Cars from previous years (whether raced or not) are not permitted. The point of the race isn't the race but the process of building the car.
6. Wheel bearings, washers, or bushings on wheels or axles are not allowed. (Washers may be used as weights elsewhere.)
7. Only approved dry powder lubricants may be used, as available at Scout headquarters – Hobby - Hardware Stores – these include graphite (black/gray) and Teflon (white). Lubes may only be applied outside the building, or at the designated 'pit' area, before final inspection. Excess powder must be shaken off before bringing the car into the building. Lubricant may not be applied to cars after registration.
8. All four wheels must all be in the same plane. (If the car is rolled all four wheels must be on the surface & roll.)
9. The car shall not ride on any type of suspension.
10. The car must be freewheeling, with no starting devices.
11. No loose materials of any kind are allowed on or inside the car. Weights must be securely attached.
12. Wheels may not be tapered or rounded. Sanding excess plastic mold material at seam lines (assuring that each wheel is round) is permitted. Hubcaps/wheel covers are not allowed.



13. The lateral distance between wheels (e.g., from the inside of the left front wheel to the inside of the right front wheel) must be at least 1 inches.
14. Wheels and axles must be mounted in grooves or holes in the BSA kit. The length of the wheelbase or position of the wheels on the car may be modified. Either end of the wood block may be designated to be the front of the car.
15. Weights must be an integral part of the car chassis. Weights may not be held in place using tape. (The exception to this rule is if you are using stick on weight such as mag wheel weights.)
16. Scouts are responsible for being on time. Cars must be registered before the race times published prior to the Derby. Under no circumstances will a new entry be permitted to enter a heat after the posted race time once registration is closed. No heat will be delayed more than 60 seconds waiting for a Scout.
17. Scouts **are not permitted to touch a competitor's car under any circumstances.** Scouts are not permitted to touch their own car after it has been registered except when instructed to place the car on the track, return it to the display table, or make a repair. Scouts may be disqualified for touching any car at inappropriate times.
18. In the event of a breakdown, Scouts have 2 minutes (under the supervision of a race official) to perform repairs with the assistance of the Pit Crew.
19. Scouts are to be present on Race Day in order to compete in any category. (Any Scout Who has a Viable Reason May Petition The Race Officials two weeks prior to the race). Each case will be handled on a case by case basis. We want the Scouts to enjoy their work.
20. Decisions of the Inspection Crew and Race Officials are final.