



Pack 107 Pinewood Derby Official Rules

Parents: Please read and follow these rules carefully. Make sure your children understand them. Variances WILL NOT be given on race day. In the interest of fairness, race officials will enforce these rules. Please do not place them in a position where they have to disappoint a child.

General Race Information:

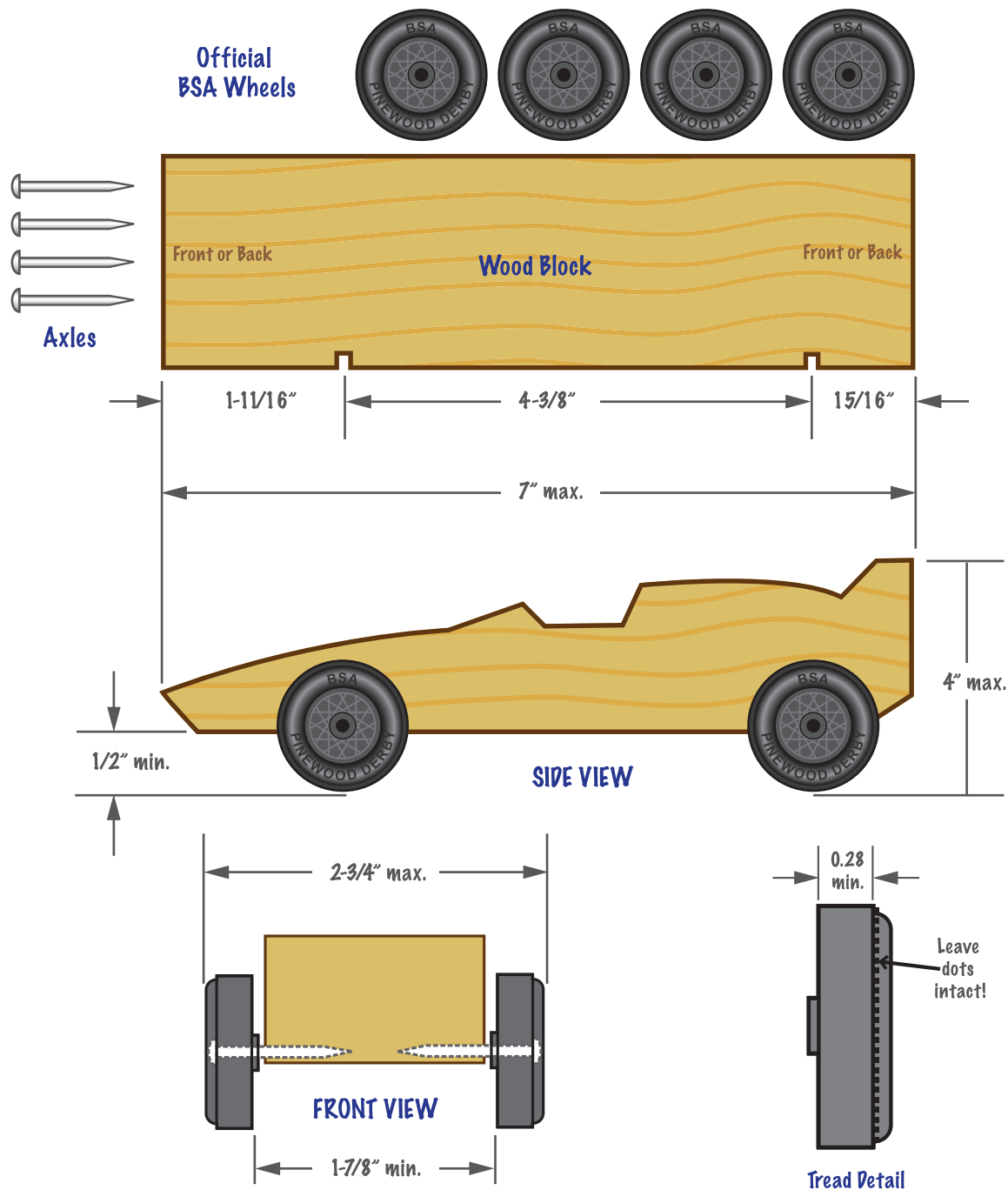
- 1) These rules supersede any and all rules previously published by Pack 107, the BSA or any other agency. Race officials inspecting cars will enforce these rules impartially, and to the best of their ability. In the unlikely event that a car should pass inspection, and is later found to be at variance with the rules, that car will remain eligible for craftsmanship awards, and speed awards within the racer's Cub Scout rank, but will not be eligible for the Grand Champion award.
- 2) Upon entering the church on race day, the racer will proceed to the inspection table. At the inspection table, the car will be inspected for rules compliance using the official electronic scale, length and wheel base gauge, height gauge and visual inspection. Any car not passing inspection will be returned to the racer for adjustment. There is no limit to how many times a car may be presented for inspection until it finally passes, as long as the car passes by the check-in deadline.
- 3) After inspection, proceed to the registration table. At the registration table, the racer will be asked his name, rank, and den information to be entered into the race database. A unique number will be assigned to the car, and affixed to the car on a small paper label.
- 4) The Pack scale is the only official weight instrument. If a car's weight was perfect at home, work or the post office but is overweight on the pack scale, the weight must be adjusted to satisfy the pack scale.
- 5) Once a car passes inspection, the car is impounded in the race staging area. Once impounded, the car can only be handled by race officials prior to the race. If, by request of the racer, a car is removed from impoundment, it must pass inspection again before it is eligible to compete. Once the race begins, no car may be removed from impoundment without disqualification.
- 6) During impoundment, all cars will be judged for craftsmanship awards including Most Creative Car, Most Unique Car, Best of Show and the Judge's Choice.
- 7) Any cars that cannot meet the inspection standards may still race, but will not be eligible for awards.
- 8) The race is a timed event on a four lane track. Each car will race on each lane for a total of four heats. The car's time result for each of the four heats will be added together resulting in the car's cumulative time. The lowest cumulative time in each category wins. Awards will be given out for first, second and third place finishers in each rank, as well as overall first place finisher for the Pack.
- 9) Each racer's car will be taken by race officials from the impoundment area to the track and placed in the designated lane prior to the racer's first heat. The car will be handled only by race officials until all four heats for each racer are finished. Due to the logistics of the race, some racers may have to wait between heats. Cars will be returned to the impoundment area during the wait.

- 10) If a car is unable to complete a heat due to mechanical failure, that car will be given a long finishing time for that heat. The car then may be corrected, at the discretion of race officials, so that it can complete subsequent heats. The heat in which the failure occurred may not be re-run. Race officials reserve the right to mechanically adjust any car failing to complete a heat.
- 11) If a car with no obvious mechanical or design flaws jumps the track, the heat will be declared void and re-run.
- 12) If a car is interfered with by another car, the heat will be declared void and re-run
- 13) At the end of their fourth heat, racers may take their cars back to their seats. The first place finishers will be invited to the district Pinewood Derby race, therefore, if the racer has a good cumulative time, their car should be well cared for to be ready for the district race.

General Car Information:

- 1) The car must be newly built for the current Cub Scouting year. The car should be substantially built by the Scout. Parental supervision in the construction of the car is encouraged.
- 2) The body of the car must be made from the block of wood provided in an official BSA Pinewood Derby Kit (Cat. No. P17006). Accessories from any source may be added as desired, as long as the rules are adhered to.

Pack 107 Pinewood Derby Car Specs.



Pinewood Derby Check-In Checklist

- Weight: 5.0 oz. or less
- Height: Under 4" (brown jig)
- Min. Ground Clearance: $1/2"$
- Wheel base Length: $4\text{-}3/8"$ with $1\text{-}7/8$ between rims (green jig)
- Wheels: "BSA Pinewood Derby" wheels, dots NOT removed
- Axles: silver nail provided in your kit