

Pinewood Derby Specifications and Rules

Width: Maximum width of car shall not exceed 2 3/4".
Minimum width between wheels to be greater than 1 3/4".
Minimum width at front of car needs to be greater than 1/2".
(due to starting gate alignment)

Length: The length of the car shall not exceed 7".

Weight: The weight of the car shall not exceed 5 ounces (142 grams).
No loose materials are allowed in the car.

Clearance: Minimum 3/8". Track has center guide rail.

Wheels: Use the Official Cub Scout Grand Prix Pinewood Derby wheels provided with the kit only. No exceptions.

Axles: Use the Official Cub Scout Grand Prix Pinewood Derby axles (nail type) provided with the kit only. No exceptions.

Rules: Cars must be built for this year's competition.
Cars from previous year's competitions will be disqualified.

Wheel bearings, washers, and bushings are prohibited.
The car cannot ride on springs or any type of suspension.

Only dry lubricant is permitted. Powdered graphite works best. The car must be freewheeling, with no starting or any other propulsion devices.

Details, such as steering wheels, drivers, engines, exhausts, etc. are permissible as long as these details do not exceed the maximum weight, length, and width specifications.

Each car must pass inspection by the official committee before it can compete.

Disqualifications:

Unsportsmanlike conduct or similar behavior unbecoming of a Scout can lead to disqualifying the competitor and their car.

Date:

Pinewood Derby at Skano/Tesago Cafeteria, 2:30 pm on January 23rd, 2010