

# Cub Scout Official Pinewood Derby Rules

Each car is inspected at weigh-in for the following inspection points:

Pinewood Derby Car Dimensions:

- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 3/4 inches.
- The car must have 1 3/4" clearance between the wheels.
- The car must have 3/8" clearance underneath the body so it does not rub on the track.

Derby Car Weight

- The car weight shall not exceed 5.0 ounces.
- The official race scale that is used at car check-in shall be considered final.

Wood, Wheels and Axles

- The official pine wood block must be used. The block may be shaped in any way that is desired.
- Official BSA wheels must be used. The wheels may not be cut, drilled, beveled, or rounded. You may remove the seams and imperfections from the wheels.
- The axles may be polished and lubricated.

Car Modifications Not Allowed

- Wheel bearings, washers or bushings are prohibited.
- The car must not ride on any type of springs.
- No starting devices. The car must be freewheeling.
- No loose material of any kind, such as lead shot, may be used.

Units may have further rules, check with your Cubmaster or Den Leader for Pack Rules.