

Tidewater Council

Official Pinewood Derby Rules

Car Specifications:

1. Width - $2\frac{3}{4}$ inches.
2. Length - 7 inches.
3. Gross weight - shall not exceed 5 ounces.
4. Width between wheels - $1\frac{3}{4}$ inches
5. Clearance between car bottom and track - no less than $\frac{3}{8}$ inch.
6. Height - 3 inches maximum

Car Rules:

1. Wheel bearings, washers, bushings and springs are prohibited.
2. Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted. This will include the custom rank color wheels available through Boy Scouts.
3. The car shall be freewheeling with no starting device(s).
4. Only dry type lubricant is permitted. (i.e. graphite).
5. Wheels and axles may not be altered. Wheels and axles may be polished to remove imperfections. No changes to the size or shape of the wheels and axles are permitted.
6. The entire car must line up behind the starting post.
7. Weights must be fastened securely and paint shall be dry.

Race Rules:

1. Cars shall be inspected then weighed-in on the official race scale. Cars will be checked to assure that none of the construction limitations have been exceeded.
2. Cars will be impounded after weigh-in. The cars will be placed in the impound area and no further adjustments will be allowed.
3. Only racers and race officials are permitted inside track areas.
4. Races will be run by Rank - Tiger, Wolf, Bear, Webelos G4, Webelos G5 and an overall final.
5. Scoring shall be by the Stearns Method (points for finish order). Each rank will run heats to determine the top six cars. The top six in each rank will then race to determine the order of finish for the rank. The top three finishers from each rank shall advance to the finals. The finals will be run the same as the rank races.
6. Cars that jump the track two times will be disqualified.
7. In the event of a cars breakdown, five minutes will be allotted for repairs, under the supervision of a race official.
8. Protests should be brought to the attention of the race officials immediately. No protests will be allowed after the start of the next race.
9. All decisions of the race officials shall be final. The Council will not mediate protests.

Good luck Scouts and... Start Your Engines!