



Final Rules and Regulations

2023 Tamanend District Pinewood Derby

1. The Cub Scout must be present and in uniform to race. (Official Uniform Shirt).
2. The Cub Scout must do **at least 50%** of the work on their car including **ALL** painting.
3. The Cub Scout's name, Rank and Pack Number must be clearly marked on the bottom of the car.
4. Official Cub Scout Pinewood Derby kits must be used.
5. **Car Specifications**
 - a. Dimensions – Width 2¾", length 7", width between wheels 1¾". Cars should allow 3/8" bottom clearance between car and track. All strip weights and accessories must be permanently attached to the car as must any decorations like Lego drivers, steering wheels, pipes, or people. Glue additions in place; nothing may move. "V Notching" is not allowed. There cannot be any divots, notches, or depressions on either end of the car.
 - b. Weight – Total weight of car may not exceed **5 ounces** as determined at the race by the official district scale which will be standardized to a certified reference mass before each use. No weight may be added at the race. Cars may not have internal or external moveable weights. Weights on the bottom must be recessed.
 - c. Axles – Axle slots may not be moved. Only official car axles supplied with the box may be used. No continuous axle rods, bearings, or bushings are permitted. Axles must be visible. The official BSA axle guards may be used.
 - d. Wheels – Only official BSA wheels are allowed. This includes the Official Pinewood Derby colored wheels available at the Doylestown Service Center or through the BSA directly. The only allowed wheel modification is removing burrs. No additional sanding of the wheel surface or shaping of the wheel, either on the wheel surface, or where the wheel contacts the car, is allowed. All 4 wheels must be in contact with the track surface. No purposeful misalignment of the axles is allowed.
 - e. Lubricant – **Only** powder lubricants are allowed. No oil or liquid lubricants. Lubricant must be added before car is impounded. No lubricants may be added at the race site.
6. All entries shall be impounded by their respective Packs after the Pack has had their Pack-wide race. The cars are to be individually marked in a box marked with the Pack #. Mark the outside of any wrapping or containers. Individual cars may be wrapped with Scout's name and rank. Package the cars by rank with Arrow of Light cars on the bottom and Lion cars on the top. All official paper work must be into the Washington Crossing Council office prior to the day of the race and must have all proper signatures and payments.
7. No substitute cars will be accepted at the event.
8. 1st, 2nd and 3rd place winners of each rank in their Pack-wide race are eligible to race in the District Pinewood Derby. If a winning Scout from your unit cannot attend, they may be replaced with the next highest placing Scout for his rank. So if your 1st and 3rd place Tiger winners cannot attend you may send your 2nd, 4th, and 5th. Our goal is to make sure the most kids possible can race but no substitutions may be made at the event.
9. The impounded car may only be picked up by the racing Scout and checked in insuring the district has the proper spelling of the Scout's name and a complete inspection done; weight, length, bottom clearance, etc. If an adjustment does need to be made, a parent will be asked to come into the official pit area to make the adjustment (Usually the weight).
10. Cars that violate these rules may have access to a pit area which may have the appropriate tools to correct the infraction. This access and these tools are not guaranteed.

A car that violates any of the above rules when the race starts will be disqualified.
Good Sportsmanship and scout-like behavior is encouraged.