

Jersey Shore Council **Pinewood Derby Rules**



District Races ~ March 10th 2018



Please honor the derby and help your Scout build his car.

Please remember – This event is about our SCOUTS. They need to participate and help in creating and building their cars. Don't look at winning as the only prize they will take away from this event.

Official Jersey Shore Council 2018 Pinewood Derby Rules and Regulations

Welcome to the Jersey Shore Council 2018 Pinewood Derby Rule Set. Please remember the PWD is meant to be a team effort in which the Scout helps build his car. We ask that you do not purchase pre-made cars, modified/machined wheels and axles. Let's make the building of the PWD car a combined team effort.

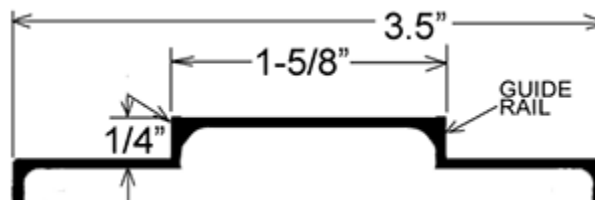
We ask each Pack to adopt this rule set for their Pack Pinewood Derby Race. In this way your Pack Pinewood Derby, your District Pinewood Derby and Council Extreme Pinewood Derby will all use the same rules.

General

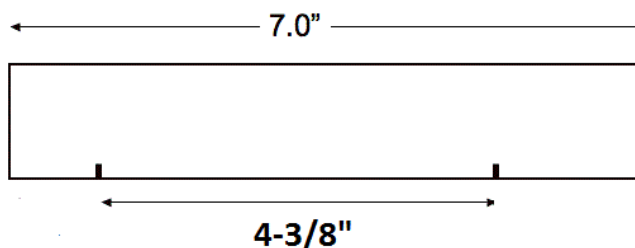
1. Cars must have been made for this Scout year, meaning they have been built after the start of the current school year, for entry in the Pinewood Derby. Cars made in prior Scout years are strictly prohibited.
2. Cars shall be built using the materials in the Official BSA Pinewood Derby Kit, or the Official BSA Replacement Parts Kit. This includes the pinewood block, axles, and wheels (including official BSA colored wheels). With the exception of decorative and construction items (weights, glue, lubricants, finishing materials), only materials from the official kits may be used. Separately purchased items (contoured pinewood bodies, machined wheels, and single-piece axles) are specifically prohibited. Use of the new Official BSA pre-cut (contoured) body kits, although not illegal, is strongly discouraged because it does not align with the goals of this event.

Length, Width and Clearance

3. Maximum overall width (including wheels and axles) shall not exceed **2-3/4"** or it may interfere with the car next to it.
4. Minimum width between wheels shall be **1-3/4"** so the car will clear the center guide rail.
5. Minimum clearance between the bottom of the car and the bottom of the wheels should be **3/8"** so the car will clear the guide rail. **It is recommended that weights on the bottom of the car be inset so they are flush with the bottom of the wood block.**



6. Maximum length of the car shall not exceed 7". Please check the block, as they are not all the same size.
7. Maximum height of the car shall not exceed **5-1/2"** or it may not clear the finish line.
8. Axles/wheels may be relocated from the original axle slot locations, but the original wheel base (distance between the axles) shall be maintained at **4-3/8"**. **The wheel base may not be staggered.**



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- Cars shall not protrude beyond the starting line mechanism.
- Cars shall have a minimum of a ¼” flat bearing surface on the front of the car to align with the starting line mechanism. (The nose of the car cannot come to a sharp point.)



Weight and Appearance

- Total weight of the car shall not exceed **5 ounces** as weighed on a “10th” ounce scale. The readings of the Official Race Scale shall be considered final. All Districts will use the same brand blue scale available in the National Scout Shops. All Packs and Districts must have a 5oz tare weight.
- No loose materials of any kind shall be permitted in or on the car. All weights shall be attached with screws, nails, glue, etc – tape is not permitted.
- Details such as steering wheel, driver, spoiler, decals, painting, and interior details are permissible as long as these details do not exceed the maximum length, width, and weight specifications.

Wheels and Axles

- Hubcaps, stickers and wheel covers are prohibited.
- Wheel bearings, washers, or bushings are prohibited.

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16. Car shall not ride on any type of springs. Cars must be freewheeling with no starting device or other propulsion.
17. Wheels shall have "BSA" visible on the both sides (inside and outside). Wheels must be official wheels from original kit or parts kit.

Lubrication

18. Cars shall be lubricated before inspection. **No Racers/Parents will be allowed to have lubricants in the building or at race site.**
19. Cars shall be clean and ready to race. Please do not have excessive lubrication on car body/wheels. Car shall not be wet or have wet build up on axles/wheel areas or dry graphite on body of car.

Race Day

20. Race Officials shall have a copy of these rules during this procedure to assist in settling any disputes and they will make a final decision in fairness to all scouts.
21. Cars shall first be inspected for rule compliance, and then registered to race. Race teams will be informed of any violations and given an opportunity to bring their cars into compliance. Race Officials have the right to disqualify any car that cannot be brought into compliance by the time registration ends for that rank.
22. **Un-sportsmanlike conduct or behavior (including verbal or physical threats) by any race participant or member of the audience may be grounds for expulsion from the competition and/or the race area.**

The Race

23. If a car suffers a mechanical problem *during/after* a heat (loses on axle, breaks a wheel, etc), the participant or a designated adult will have up to five minutes to fix the car. The heat will be rerun (if during)- Only ONCE.
24. If a car suffers a mechanical problem at any time other than a heat (accidentally dropped, mishandled etc...), the race team will have up until their next scheduled heat to repair the car, but no less than 5 minutes.
25. If a car interferes with another car during a heat, that heat shall be rerun. If the same car causes interference a second time, a third heat shall be rerun without the interfering car. Race Officials should use their best judgement to be fair if problems with the track itself are causing issues with races.
26. If a car leaves the track due to design or assembly of weight/wheels, the race may be rerun Only Once. Unless the car is damaged, modifications will not be allowed to weight placement or wheel assembly.
27. Full CLASS "A" uniform, as determined by their Pack, is recommended for all racers.

Race Groupings

28. Racers will be grouped by Cub Scout Rank at the time of their units PWD race. (ie AoL who crossover to Boy Scouts may still race at the Distract PWD as AOL)
29. Groups
 - Lions
 - Tigers
 - Wolf
 - Bear
 - Webelos
 - AoL
 - Siblings/youth (optional)
 - Adults (optional)
 - Boy Scout Helpers (optional)

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District Pinewood Derby Date

March 10th, 2018 (see registration forms for locations)

We do ask, all questions, complaints, and comments go to the District Pinewood Derby Committee Chairman

District	PWD Chair	Contact info	District Race Location
Sea Pines	Arthur Donchey Joe Gatto	RRatt@comcast.net (609)703-1092	Atlantic Christian School Zion Ave, Egg Harbor Twp
Joshua Huddy	Mike DiGiantomasso	mikgiant@verizon.net (908) 338-1596	Lake Riviera Middle school 1171 Beaverson Blvd, Brick.
Jersey Devil	Laura Disanzo	pack117mom@aol.com	To Be Announced

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