

2026 “Wannalancit” District Pinewood Derby

Saturday, April 18th 8:00 until Noon

NH National Guard Readiness Center Pembroke NH

722 Riverwood Dr, Pembroke, NH 03275

This is a Class A event. All scouts must be in full uniform. Packs are invited and encouraged to bring their Pack flags to the event. Food will be available for purchase. Good sportsmanship is a vital part of any competition and all spectators are asked to adhere to the Scout Oath and Law and have good sportsmanship during the races. We hope to start all races on time and will need all participants to be there BEFORE the start of their posted registration time. Once the racing begins a tardy scout will not be able to race with their rank. Please be aware all Scouts and families the importance of this prior to the race day. If your Pack is sending a contingent of scouts to the Race. A designated leader from that Pack must complete the registration online to ensure we have all Scouts from each Pack entered to race ahead of time for a seamless flow between heats on race day!

Early Bird Cost is \$10 per car (scout) – NO REFUNDS

Standard Cost is \$12 per car (scout) – NO REFUNDS

Same Day Registration is \$15 per car (scout) – Cash or Check only (NO REFUNDS)

Adult “Vintage” Race is \$8 per car (adult) – NO REFUNDS

PACK REGISTRATIONS

Each Pack may send the top THREE finishers in each Rank from their own Pack Derby. If any one of the top three from each rank cannot attend or there are not enough scouts in the rank, the Pack may choose to send the next highest-ranking qualifiers and or scouts from other ranks. So, a grand total of EIGHTEEN Cubs from each Pack may be registered for the race.

Fill out the Registration Form to indicate the **Name, Rank and Pack Number** of each Scout that will enter the Derby so it can be inputted into the race software.

INDIVIDUAL REGISTRATIONS

Individuals may register if their pack is not registering together as a pack.

Fill out the Registration Form to indicate the **Name, Rank and Pack Number** of each Scout that will enter the Derby so it can be inputted into the race software.

If you have any questions please contact Dan Dupuis. (orangedano@gmail.com)

Trophies will be awarded to the top three finishers in each rank and also the top three overall finishers in THE GRAND FINALE race. Each Scout participating will receive a 2026 “Wannalancit” District Pinewood Derby patch to commemorate the event. (These patches will be provided to your Pack at a later time, as patches will be ordered based on the number of participants who register)

INDIVIDUAL ADULT REGISTRATIONS

Individual adults may register to race in a vintage race, bring your car from your cub scout years, or maybe even a new car? Get to race other former Cub scouts and other adults. This race is for fun and may or may not have awards. Your award is “bragging rights” for the year. Each car must still meet the general rules for pinewood derby cars as listed in **Appendix A**.

Fill out the Registration Form to indicate the **Name, ADULT** and **Pack Number** of each ADULT that will enter the Derby so it can be inputted into the race software.

If you have any questions please contact Dan Dupuis. (orangedano@gmail.com)

A concession stand will be available throughout the day for food purchases.

There will be a “Quiet Room” for coloring, Chess, checkers and other board games.

There will be other fun activities for cubs and parents to enjoy while waiting for your race or the Grande Finale

REGISTRATION AND RACE TIMES!!

At registration each car will be inspected and qualified to make sure it adheres to the PINEWOOD DERBY RULES in **Appendix A**. Likely if you are using the same car you won at your Pack derby, it will meet the rules.

All adjustments must be made in the PIT AREA prior to registration. Once your car is registered it will be placed onto the staging table where it will remain until the race begins and it heads to the track.

Please note, not all ranks need to arrive right at 8 AM. See the race schedule below to know when your Scouts rank needs to arrive for registration and races.

Times may change depending on technical considerations, number of scouts who sign up and other factors, we will do our best to start no earlier than the times listed below. Actual race or Awards times may vary.

The top three from each rank category will race in the GRAND FINALE later in the day.

Lions/Tigers – 8:00 am Registration, sign in, get your car qualified to race.

8:30 am Race begins

9:00 am AWARDS

Wolves – 8:30 am Registration, sign in, get your car qualified to race.

9:05 am (approximately) Race begins

9:35 am AWARDS

Bears – 9:05 am Registration, sign in, get your car qualified to race

9:40 am (approximately) Race Begins

10:10 am AWARDS

Webelos and AOL's – 9:40 am Registration, sign in, get your car qualified to race

10:15 am (approximately) Race Begins

10:45 am AWARDS

THE VINTAGE RACE 8:00 am to 10:15 Registration period – register at the same time as cubs

11:00 am Race begins

The top three from EACH RACE (except the vintage race) are eligible for the Grand Finale that crowns the top 3 cars in the "Wannalancit" Pinewood Derby. All Grand Finale qualifiers must be present for GRAND FINALE race.

THE GRAND FINALE – 11:30 Race begins

11:45 am GRAND FINALE AWARDS

We look forward to seeing everyone race day!

Appendix A

PINEWOOD DERBY RULES

It is understandable that the Scouts will need assistance and guidance from adult partners, but please remember, this is their car. Encourage them to design, build and do as much of the work as they can. It is wonderful seeing the pride they take in their cars!

1. LENGTH, WIDTH AND CLEARANCE

- a. Maximum overall width (including wheels & axles) shall not exceed 2 3/4".
- b. Minimum width between wheels shall be 1 3/4" so the car will clear the guide strip which is 1-5/8" wide.
- c. Maximum length shall not exceed 7 inches. Note: The block is 7 inches. Several coats of paint will cause the car to exceed this length. Make sure you sand the ends of the car before painting in order to meet this requirement
- d. Maximum height shall not exceed 5".
- e. The wheelbase (distance between front and rear axles) may not exceed 4 1/2".
- f. Underside clearance of 3/8" is required so the car will clear the glide strip. Be careful when attaching weights to the car bottom.
- g. No part of the car may protrude in front of the starting peg.

2. WEIGHT & APPEARANCE

- a. Weight shall NOT exceed 5 OUNCES OR 142.0 GRAMS. The reading of the official race scale will be considered final. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only provided it is securely built into the body or firmly affixed to it. No loose materials of any kind are permitted in the car.
- b. Mercury shall not be used for adding weight- It is a potential health hazard.
- c. Details such as steering wheel, drivers, spoilers, decals, painting and interior details are permissible as long as these details do not exceed the maximum length, width and weight specifications and are permanently fixed to the car.
- d. Cars with wet paint will not be accepted.
- e. Car must have at least 4 wheels

3. WHEELS AND AXLES

- a. Only the official Scout Grand Prix wheels and axles can be used. These wheels say BSA Pinewood Derby on the outer wheel wall. Axles may be polished. Wheels may be sanded to remove the mold projection on the tread. The tread must remain flat. The wheel tread may NOT be painted. Holes are not permitted in the wheel sidewalls. See Figure A below for examples of unacceptable wheel modifications. No H cut or V cut wheels are permitted. No Razor Wheels are allowed.
- b. Wheel bearings, washers or bushings are prohibited.
- c. The car shall not ride on any kind of springs.
- d. The car must be freewheeling with no starting device or other propulsion.
- e. Raised wheels are permitted. The tread of the wheel must remain flat and the tick marks on the outside of the tread must be visible

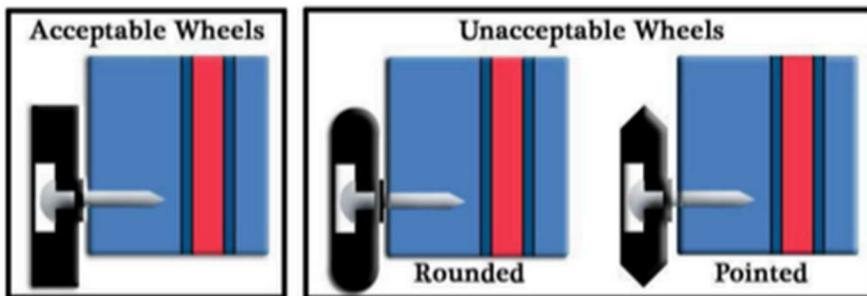


Figure A: Acceptable and Unacceptable Wheels

4. LUBRICATION

- a. Lubricants such as graphite, Teflon, Elmer's Slide All, oil and silicone are permitted. Be careful using silicone because most silicones will damage the plastic wheels. Excessive lubricant must be removed prior to inspection. No further lubrication will be permitted after inspection.

5. OTHER RULES

- a. Cars must have been made for this year's race. Cars made for PREVIOUS years will NOT be permitted. E-Bay or other purchased complete ready to race cars are not permitted.
- b. if a car disassembles the racer can continue but must have the car repaired prior to the next heat that they are included. If the car is not repaired in time, it will not race that heat.

- b. Competition will consist of Preliminary Heat Races and a series of Final Heats to determine the Grand Champion. Track officials are responsible for the proper conduct of the race. The race will be electronically timed.
- c. Officials timing and results are final; there are no appeals.
- d. Our Officials are volunteers please be respectful