

Wagon Wheel District Pinewood Derby 2017

Rules and Race Procedures

A. Entrants (The Boy and His Parents/Responsible Adult):

1. Entrants shall be the first place winner for each rank of the 2017 Pack Pinewood Derby. If the first place winner is unable to attend the WWD Pinewood Derby, second place winners in the Pack Pinewood Derby are eligible to race in the WWD Pinewood Derby.
2. Each WWD Pack may enter one car per Cub Scout Rank (ie. Tiger, Wolf, Bear, Webelos & eligible Arrow of Light scouts). Webelos and Arrow of Light scouts will race as one rank.
3. Arrow of Light scouts must have participated in their packs current year Pinewood Derby before bridging to Boy Scouts to be eligible for the current year WWD Pinewood Derby.
4. All entrants must be registered members of the Pack they are representing.
5. All entrants should be present (but is not required) when his car is presented for check-in in the WWD Pinewood Derby by his Pack's Derby Representative. **Saturday from 10:30 to 12:00 PM on race day.** It is highly recommended that a family member of the entrant be present should any technical issues with the car be encountered at the check-in table.
6. All entrants must be present before his car is placed on the track during the designated racing period for his Cub Scout rank. Race times will be posted at at the Race Day site and are available for download..
7. Good sportsmanship is expected at all times by all persons present at the WWD Pinewood Derby. It will insure that entrants are not disqualified.

B. Pack Responsibilities:

1. Every Pack shall appoint an adult as their "Pinewood Derby Representative". The name, email and phone number of this person **MUST** be supplied to the WWD Pinewood Chair no later than April Round Table. If a Pack fails to provide a name for their Pinewood Derby Representative the Cubmaster will be considered "Pinewood Derby Representative."
2. The Pack Pinewood Derby Representative will have the following responsibilities:
 - a. Impound and keep safe the first and second place winner cars for each Cub Scout rank immediately following the Pack Pinewood Derby until delivered to the WWD Pinewood Derby. The purpose of this is to insure that cars entered in WWD Pinewood Derby are the same unaltered cars that won this years pack derby. Lubing of the wheels will be allowed at the WWD Derby site prior to final check-in at the WWD Pinewood Derby.
 - b. Be the point of contact between the Pack and the WWD Pinewood Chair for all communications, questions, and comments concerning the WWD Pinewood Derby.
 - c. Be at the WWD Pinewood Derby with the boys who own the cars to be entered during Check-In times for the WWD Pinewood Derby Race.

NOTE

The Pack Pinewood Derby Representative (or his/her pre-designated substitute is the only person who will be accepted to assist the youth in checking in their cars at the WWD Pinewood Derby. If the designated Pack Pinewood Derby Representative cannot be there, another adult member of the pack should be appointed and then make sure to notify the WWD Pinewood Chair as soon as possible to avoid delays and confusion during Check-In.

C. WWD Pinewood Derby Online Registration and Entry Fee Payment:

All WWD Pinewood Derby participants must register and pay the \$5.00 entry fee for the Pinewood Derby using the Mid America Council ScoutEvent website. Or \$8.00 day of race. Online registration will open no later than April 1. More specific details will be published when the announcement of the WWD Pinewood 2017 Derby Registration being open on the ScoutEvent website.

D. WWD Pinewood Derby Check-In:

1. Each Pack must check-in all entrants for their pack at the same time by one adult representing the pack. To abide by this rule the Pack Derby Representative should notify all entrants representing their Pack in the WWD Pinewood Derby and arrange a time to meet and register together as a pack. This should be done with a reasonable lead time. Revised Rule A.5 above does not require the Scout to be in attendance during the actual registration.
2. There will be no individual cars Check-In.
3. Entry registration fees must be paid prior to Check-In. Online verification for a paid registration status will occur at Check-In.
4. Cars will be checked for size, weight, clearance, and race legal materials (axles, wheels, and body) during the Check-In process.
5. Cars become the responsibility of the WWD Pinewood Derby Officials once they are accepted for registration.

NOTE

The WWD Pinewood Derby Chair and Race Officials responsibility is not meant to imply an assurance the car **will not** incur any damage while being raced. It is meant to imply that race officials will always move your car from the "infield" to the track in a careful and attentive manner and will endeavor to keep unauthorized people from touching or handling the car. Should the car accidentally be damaged or should it become damaged through the process of racing these officials will in no way be held responsible.

6. Cars will be returned to the owner at the end of each Cub Scout Rank Race. Unclaimed cars will be available for claim for one year from the race date at which time they may be disposed of in any manner deemed appropriate by the WWD Pinewood Derby Chair.

E. Publicity & Literature:

1. Only the rules defined herein and Official Boys Scouts of America publications will be considered for all aspects of the WWD Pinewood Derby.
2. Flyers will be published and distributed to Pack Leaders via email with dates, times, fees and other information regarding the WWD Pinewood Derby. You will find the same information on the Wagon Wheel District web site www.mac-wwd.org if you search the website for "Pinewood"..
3. This document will be considered notification of pertinent information pertaining to the WWD Pinewood Derby.
4. If you have not received any such flyers or other advertising you should contact the person(s) in your pack who attend WWD Roundtable or the WWD Pinewood Derby Chair.

F. Appealing a Decision:

1. If a WWD Pinewood Derby Race Official makes a ruling or judgment and you wish to appeal it, all assembled WWD Pinewood Derby Race Officials will conduct the review and on a majority rule basis be upheld or overturned.
2. The decision rendered by such an appeal is final and no questioning of the ruling will be allowed.
3. If the Race Committee has a tie vote the District Activities Chair or knowledgeable representative will be the tie-breaker.

Last Technical Revision Date: 12/04/2005 - Last Procedural Revision Date: 1/26/17

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If you have questions contact: John Clark Johnj.Clark@scouting.org

G. Car Construction:

All car components must be from an BSA Official Pinewood Derby Kit.

1. Car Dimensions, Weight & Clearances:
 - a. When constructing the car follow the rules that come with the BSA Official Pinewood Derby Kit.
 - b. The maximum dimensions of the care will not exceed 2 3/4" in width, 7" in length, and 1 3/4" width between the wheels.
 - c. Nothing will extend more than the thickness of a penny below the bottom of the body of a car in order to clear the track guide rails.
 - d. The maximum weight will be 5 ounces as measured on the race committee scale.
 - e. Overweight cars must be reduced to 5 ounces or below prior in order to be accepted for registration.
2. Wheels:
 - a. Wheels must be the original shape as packaged in the BSA Official Pinewood Derby Kit. (Wheels must not be peaked, 'H'ed, humped, tapered, or narrowed.)
 - b. The only work allowable to any wheel is to remove manufacturing defects such as burrs or injection flanges.
 - c. Any alteration, changes or modifications to the wheels supplied in the BSA Official Pinewood Derby Kit will disqualify the car from the WWD Pinewood Derby.
3. Axles:
 - a. Wheels will only be attached to the car with the nails issued in the BSA Official Pinewood Derby Kit.
 - b. No other type or style of axle may be used.
 - c. The original nail slots do NOT have to be used.
 - d. In order to make verification that the axle is in fact the original nail, the pointed tip of the nail must easily viewable by any race official at any time.
4. Lubrication
 - a. Only dry graphite may be used as a lubricant for wheels
 - b. Liquids soften the plastic in your wheels and make on the track surface sticky should they 'leak' or 'drip'.
5. Fixtures and Accessories:
 - a. No loose materials will be allowed on a car.
 - b. Fixtures and accessories must not extend beyond the dimensions stated in the Car Dimensions and Weight section above.
 - c. Once a car is turned over to race officials any part falling off will not be placed back on the car, unless it affects the ability of the car to roll down the track.
 - d. Any car having any item on it, which in the opinion of WWD Pinewood Derby Officials is dangerous, hazardous, in poor taste or presents an image not in keeping with Scouting can be disqualified.
 - e. No springs, magnets, moving or liquid parts will be allowed on or in a car.

H. Race Operations:

1. Race results are generally the average of all runs down the track. A WWD Pinewood Derby Official will explain this briefly before each race.
2. Each car must cross the finish line without leaving the lane it started the run in order for the computer to record a time for each run down the track.
3. It may be necessary to re-run some races if cars leave their lane or otherwise do not cross the finish line. WWD Pinewood Derby Officials will decide when re-runs are needed.
4. All decisions of the WWD Pinewood Derby Official are final.

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5. Arguing with the WWD Pinewood Derby Official at any time by parents or Scouts could result in disqualification.

H. Malfunctions:

1. If an item glued or affixed to a car falls off during the race and in the opinion of the race officials the car is still able to race, repairs will not be allowed and the item which fell off will be returned to the Scout.
2. If a car becomes unable to make it down the track **one** 3 minute “pit stop” (timed by the senior race official) will be called to allow the youth to affect repairs under adult guidance.
3. If not able to repair the car in 3 minutes or if it becomes disabled a second time it will be out of the race.

End of Rules