



## 2022 Official Oktoberfest PineCAR Derby Construction Rules and Regulations

**PARTS AND MATERIALS:** Only Official Oktoberfest PineCAR Kits are to be used. Each kit contains all of the basic parts necessary to construct your race car. Customization is encouraged but must conform to the rules specified below. The purchase price of the kit included the registration fee. You must send the registration form in prior to the deadline noted in order to be registered to race. Only ONE (1) car will be accepted per registration.

**Special Note to Previous Pinewood Derby Racers:** You MUST use components of the Oktoberfest PineCAR kit to build your racer. Previously build Scout Pinewood Derby Cars are not eligible

**WIDTH:** Maximum overall width allowable, including wheels, is 2  $\frac{3}{4}$  inches.

**LENGTH:** Maximum overall length allowable is 7 inches. No portion of the car will be allowed to extend forward of the starting gate.

**CLEARANCE:** Minimum clearance under the body is  $\frac{3}{8}$  of an inch. Minimum clearance between the inside of the wheels is 1  $\frac{3}{4}$  inches.

**HEIGHT:** 5 inches

**WHEEL BASE:** Wheel base is to be approximately 4  $\frac{1}{4}$  inches. This is measured from the center of each axle, front to back as present in the official Oktoberfest PineCAR Kit.

**WEIGHT:** Weight cannot exceed 5.00 oz (141.75 grams). The car may be hollowed out and built up to the maximum weight by additional wood, metal or any other material, provided they are securely attached to the body and chassis. No loose material of any kind is permitted in or on the car including, but not limited to, liquids. Materials that could potentially be health hazards are not permissible to be used as weight. Lead is permissible for weight provided that it is completely enclosed within the body of the car.

**MATERIAL:** The car body, wheels, and axles must be from the official Oktoberfest PineCAR Kit. The car may not ride on any type of springs. Details such as decals, pin stripes, cockpit accessories and interior detailing are permissible as long as the car does not exceed the maximum weight and height restrictions. Plastic and metal detail parts are allowed as long as they are securely attached to the body and chassis and do not exceed the maximum length, width, and height.

**WHEELS:** Wheels must be from the official Oktoberfest PineCAR Kit and maybe polished using files, sandpaper, etc, to remove burrs, scratches, and ridges. They may not be shaved or reduced in diameter

or width. Wheels may not be beveled, tapered or in any other fashion modified from the original size and shape. Wheels may not be painted. Wheel covers, bearings, washers, and bushings are strictly prohibited.

**AXLES:** The axles (round head nails) must be from the official Oktoberfest PineCAR Kit and may be polished using files, sandpaper, etc. to remove burrs, scratches and ridges. The axles may not be machined or reduced in diameter anywhere along the axle shaft. Substituted axles will not be permitted.

**LUBRICATION:** Dry lubes such as graphite are the ONLY permissible lubrication. All other forms of lubricant (oils, etc.) are strictly prohibited. Any lubrication on exposed surfaces of the wheels, body or chassis is prohibited. Lubricant, if used, must be applied prior to inspection and registration of the car. No lubrication is permitted after registration or during the derby.

**INSPECTION:** The car must meet weight, clearance, and size limitations as stated above and use only the materials specified in the parts and materials sections above. A repair table may be made available to adjust prior to registration. A car with illegal parts may have them replaced and will be allowed to participate in the race with only legal parts. Any car using illegal lubricants will not be allowed to participate.

**INSPECTION DATES/LOCATIONS:**

Multiple Dates and times of advance inspections shall be announced on local media sources. Cars submitted for (and passing) inspection shall be retained by the judges until race time. Cars not passing an inspection will be allowed to return to a subsequent inspection date with the deficient items corrected. No inspections will be performed on the day of the race.

**DISQUALIFICATION:** Per the judge(s) or race official(s), a car or entrant will be disqualified and not allowed to race if any of the following occur:

1. Any use of improper material as outlined above, including, but not limited to: lubricant, wheels, axles or body wood.
2. Changing the car after registration, except for authorized repairs.
3. Removing the registration sticker from the car.
4. Handling any car without permission of the judges or race official(s).
5. Not following the instruction of the judge(s) or race official(s).
6. Not following any other rules specified for the pinewood derby.

**HANDLING:** Only the entrant who has entered the car or a race official may handle cars being raced.

**THE DECISIONS OF THE JUDGE(S) AND/OR RACE OFFICIAL(S) ARE FINAL. IF ANY ENTRANT OR SPECTATOR SHOW UNSPORTSMANSHIP-LIKE CONDUCT OR ARE DISRUPTIVE TO THE FLOW OF THE RACE THEY WILL BE ASKED TO LEAVE THE RACING LOCATION IMMEDIATELY.**