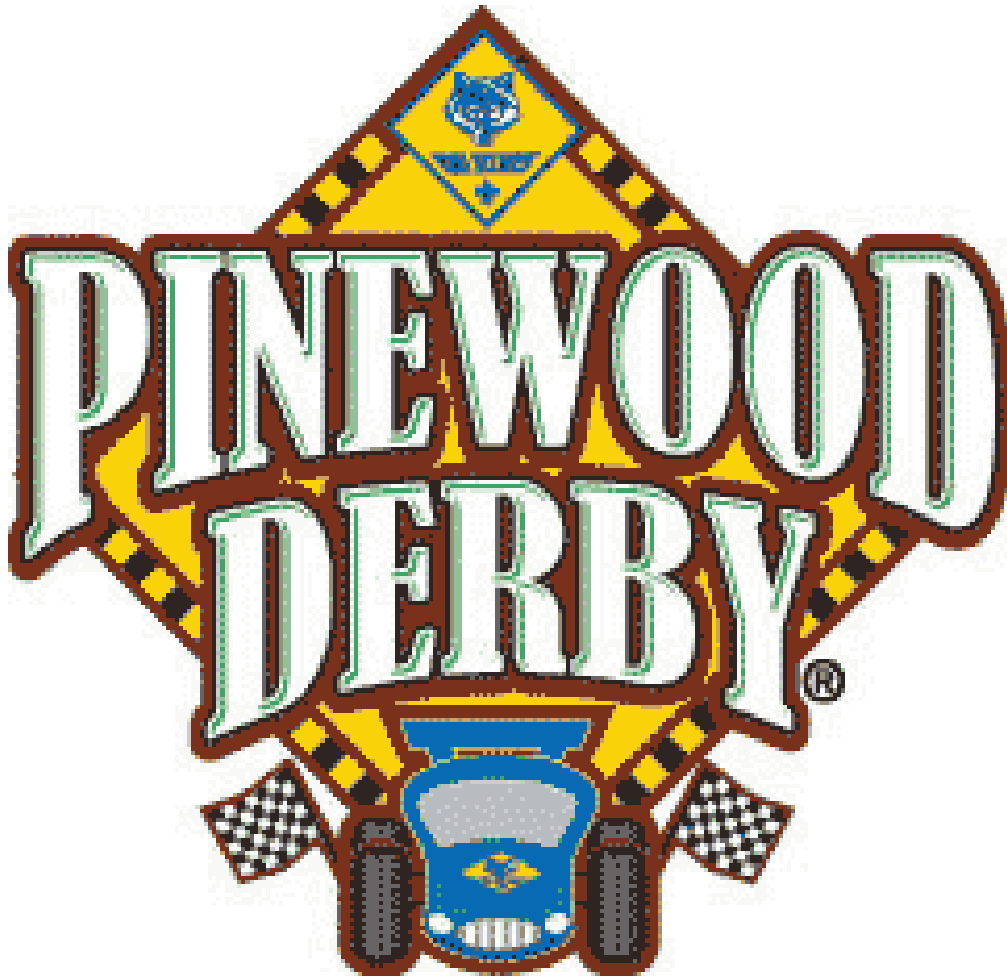


2025 District Pinewood Derby



Date: May 10th, 2025

**Location: Jacksonville Speedway; 110
N Westgate Ave**

Check in: 9:30AM; Start time 10AM

Honest Abe District Official Pinewood Derby Rules

1. Body

- A. The main body structure (chassis) must be made of wood. The car design may be enhanced by the addition of other stable materials such as plastic or metal. Any additions must be firmly attached, non-moving, and meet car size specifications.
- B. The car must meet the following specifications:
 - 1. Width: not to exceed 2 $\frac{3}{4}$ inches
 - 2. Length: not to exceed 7 inches
 - 3. Weight: not to exceed 5.0 ounces on a scale accurate to 1/10 ounce. For scales that have more than a single digit beyond the decimal point, the maximum weight is 5.0500
 - 4. Height: not to exceed 3 inches
 - 5. Clearance: **The wheels are the only part of the car allowed to touch the track.**
 - 6. Center rail width: **Wheels must clear center guide rails**, no less than 1 $\frac{3}{4}$ inches minimum.
 - 7. Wheelbase: the distance between the center of the front and rear wheel must be no less than 4 inches.
- C. Front: the front/leading edge of the car must be no more than 1 inch above the wheel lane of the track and be at least $\frac{1}{2}$ inch wide at the center of the car. **NO NARROW-POINTED FRONT ENDS THAT WILL NOT SIT FLUSH AGAINST STARTING PIN.**
- D. When placed in the starting position, no part of the car may protrude beyond the starting pin. Car must be able to rest against starting pin.

2. Wheels

- A. At least 4 wheels must be attached to the sides of the car body. **EACH WHEEL MUST BE ATTACHED TO THE CAR'S WOOD CHASSIS WITH A LEGAL AXLE.**
- B. Each attached wheel must not be angled(canted) more than 20 degrees from vertical.
- C. The front and rear most wheels must be positioned across the body from one another.
- D. Only official BSA wheels are allowed.
- E. All lettering and numbering, both inside and outside of the wheel, must remain complete and be visible with the wheel on the car.
- F. The fluting, spokes and other markings on the outside wheel area must remain visible. "Fluting" refers to the small bumps on the outside edge of the tread.
- G. The wheel diameter must be no less than 1.16 inches
- H. The tread surface width must be no less than 7.5 mm.
- I. The tread surface must be flat and parallel to the wheel bore. Therefore, the following modifications are prohibited:
 - 1. Rounding of the tread surface
 - 2. Grooving, H cutting, or V cutting the tread surface
- J. The following wheel modifications are prohibited:
 - 1. Removing material from the inside tread surface or the inside sidewall surface
 - 2. Drilling holes in the tread, sidewalls, or spoke area
 - 3. Removing material from the sidewalls or spoke area
 - 4. Filling wheel tread with any type of material
 - 5. Filling the wheel bores and re-drilling the bore

3. Axles

- A. Metal axles with a nail head are required with an overall diameter of no less than .084 inches
- B. One-piece axles that extend through the width of the car to support both wheels are not allowed.

4. THE FOLLOWING ITEMS ARE PROHIBITED

- A. Springs
- B. Starting devices or propellants
- C. Electronic or lighting devices that interfere with the race electronics
- D. Liquids, wet paint, oil, sticky substance, or powders of any kind (other than axle lubrication)
- E. Glass or excessively fragile parts
- F. Bearings and or bushings
- G. Hubcaps covering the nail head
- H. Loose/moving objects on or in the car

- **LUBRICATION**

Graphite, Teflon, moly or any other dry lubricant is permitted. Wet lubricants are not allowed; due to the damage they may cause the track surfaces. Cars should be lubricated and ready to race when they are inspected, weighed and registered. There will be no exceptions made. Cars are impounded after inspection and racers will not be allowed to graphite car or take car out of the pit until racing is complete.

Reminder: Graphite **DOES** add weight to the car.

- **QUALIFICATION**

The car you race in the district derby must be the **SAME CAR** that won the honor of advancing in your pack derby. **Prior years cars or new cars made since the pack derby must NOT compete.** Any illegal components will constitute immediate disqualification. (Race officials reserve the right to determine if a car has an unfair advantage)

ALL AGES WILL COMPETE IN ONE POOL AT THE DISTRICT DERBY.

Each car must pass an inspection by the Official Inspection Committee before it may compete. After a car has passed inspection, only race officials may handle the car. Good sportsmanship and behavior are expected. Race officials may ask anyone not following this rule to leave