

Northern Lights District Pinewood Derby Rules

Specifications:

1. All racers are expected to be in **UNIFORM**.
2. Complete Derby Kit #1622 **must** be used at the District Race. The **ONLY MATERIAL** that are not in the Official Grand Prix Pinewood derby Kit supplied by BSA that are permitted are racing specifications items #3 - "Weight" and #6 - "Details". Among other things this rule means that the **OFFICIAL WHEELS AND AXLES MUST BE USED**. No other after market Darts allowed. **NO EXCEPTIONS!**
3. **GRAPHITE** (or other lubrications) **WILL BE PERMITTED AT THE DISTRICT CHAMPIONSHIP**. The institution providing us with a location for our race does NOT want graphite smudges, etc... Therefore, the **"DIRT TEST"**. All cars will be placed on a white surface and each end individually lifted 1 inch and tapped to remove excess lubrications.
4. **No** lubricant containers of any type will be allowed in the building. **(DO YOUR LUBRICATING AT HOME!!!)**

Other Reasons for DISQUALIFICATION:

1. Exception of any of the specifications (listed on the kit information sheet under "Racing Specifications"). A Drill will be provided to bring weight within specs.
2. Un Scoutlike conduct of participants, such as combative behavior, is not permitted. (Body English, whistling, yelling and groaning **ARE** permitted).
3. Presence of non-participants (parents, brothers, sisters, etc...) in the racing area. Only the Cub Scouts participating and the Official Race Committee Members will be permitted in the race area.

Here are the "OFFICIAL RACING SPECIFICATIONS"

1. Width: Overall width shall not exceed 2 $\frac{3}{4}$ inches.
2. Length: Overall length shall not exceed 7 inches.
3. Height: Overall height shall not exceed 2 $\frac{5}{8}$ inches (to go under electronic finish).
4. Weight: Weight shall not exceed 5 ounces. All cars weighted by the District Scale. No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by addition of wood - metal - plastic provided it is securely build into the body.
5. Axle Grooves: Original Axle grooves must be used. No altering the wheelbase.
6. Wheels/Bearings: Wheels and plated pins (axels) of the type supplied in the Official Car Kit **MUST** be used. **NO SUBSTITUTIONS**. Washer and bushing are prohibited. **NO** changes to the shape of the wheel are allowed **EXCEPT** removal of the sea as shown in the instructions in the kit. This means no tapering, grooving, grinding, ridging or turning down etc...
7. Springing: The car shall not ride in any type of springs.
8. Details: Details such as steering wheel, driver, decals, painting, and interior details are permissible as long as those details do not exceed the maximum length, width, & weight specifications.
9. Attachments: The car must be freewheeling with no starting devices.
10. Inspection: Each car must pass inspection by the Official Inspection Committee before it may compete. The Inspectors have the right to disqualify cars that do not meet these specifications.

Please. **NO** cars from previous years may race this year.

THE DECISIONS OF THE DISTRICT RACE COMMITTEE ARE FINAL