



Northland Pinewood Derby



“Rogue Class” Rules & Requirements

1. Cars are to be propelled by gravity alone. No rocket motors, combustion engines, CO2 cartridges, electric servos, etc. may be used. This is for spectator safety and to prevent damage to the track.
2. Only dry/Liquid lubricants may be used; no wet or dripping wheels or axles will be allowed. All wheel surfaces must be dry to the touch.
3. Car weight may not exceed 16.0 oz or 453.6 grams on a digital 1/10 scale. This is to not damage the track.
4. Car Measurement Specifications:
 - Maximum width – 2-3/4” (6.99 cm)
 - Maximum Length – 12” (30.48 cm)
 - Minimum width between wheels – 1-3/4 (4.45 cm)
 - Minimum bottom clearance underneath the body – 3/8” (.95 cm)

The overall length includes decorations or weights attached to the front or back of the car. The overall width includes decoration or weights attached to the sides of the car.
5. Car’s may not attack other cars. In the event a car interferes with another car during a race, the race will be re-run. If it happens again, the car will be disqualified.
6. Any solid material may be used for weight (lead, tungsten, copper, steel, etc.), but it must be permanently attached and stationary on the car. **Mercury weights are absolutely not allowed!!!**
7. A Track system will be used with the following dimensions:
 - Track Center Rail Height 1/4" (7 mm)
 - Track Center Rail Width 1 5/8" (4.2cm)
 - Time Station height clearance of 6.75" (17.14 cm).

Wheels must clear the outside-to-outside center rail width measurement.
8. Once the car is weighed and registered it may not be touched by anyone other than race officials unless a part falls-off. If that happens, the team may re-attach the part. The car must be approved by race officials before it is allowed to race again.
9. Racing procedures will be solely determined by race officials and will be consistent and fair for all racers. All decisions by the race officials are final and binding.
10. Spectators are expected to demonstrate good sportsmanship. A Computerized Race System will be utilized to manage the race. Each Car will race in each lane an equal amount of times to determine a composite score, so each car should expect to race at least four times.
11. Pre-Race questions should be addressed to Kent Carlson, District Executive, at kent.carlson@scouting.org at least 48 hours prior to the conduct of the event for resolution. Any questions within 48 hours of race time may not be answered in time for the race.
12. Have fun and good luck racing for a GREAT cause!!!