

Pinewood Derby Lincolnway District RULES

- I. The race is open to all Registered Lions, Tigers, Wolfs, Bears, Webelos and AOL in the Lincolnway District.
- II. Cars must conform to the National & DISTRICT STANDARDS as follows:
 - A. Width – outside, wheel to wheel, not over 2 ¾", also maintains 1 ¾" width on wooden car bottom, where the metal axles are inserted. Distance between axles will not be lengthened or shortened and be 4 3/8".
 - B. Length – not over 7". Front of the car must be able to rest on a round starting pin (not an overly sharp point).
 - C. Height – not over 3 ¼".
 - D. Weight – NOT OVER 141.7 grams (5.0 Ounces)! Gram scale will be used. Any weights mounted on the bottom of the cars must pass clearance inspection gage. The recommended minimum clearance is 3/8". The bottom does need to be as smooth as possible, especially nothing sharp sticking down. Any weight on the bottom of the car must be recessed into wood. The weights should not extend below the wood block. NO moving weights allowed such as mercury or lead balls inside the body. ALL weights inside and outside of the car to be fixed.
 - E. The front of the car must have a leading edge that will allow it to rest on the starting pin of the track or the car will be run backwards. A horizontal leading edge of half an inch wide is recommended.
 - F. No loose materials on the car or inside the body of the car.
 - G. Wheel bearings & Springs – no bearings, washers, bushings, hubcaps, or springs allowed. Inspectors must be able to see axles on both sides of the wheel.
 - H. Details – details such as steering wheel, driver, decals, and painting are permissible as long as the maximum length, width, height, and weight are maintained.
 - I. Inspection – each car must pass inspection by the Official District Inspection Team before it may compete. If a repair is made during the race, the car must pass inspection again before it is allowed to be raced again.
 - J. Wheels – any car, which has "wafering", narrowed, or rounded wheels, will be disqualified. The treads on one side of the wheel and the line on the other side must be clearly unaltered. You must only sand or file off the centerline where the wheel was molded. The original wheelbase must be maintained and only BSA wheels CAN be used!!
 - K. Lubrication – no oil, grease, nor silicone spray may be used on the axles or the wheels. ONLY "powdered graphite" is permissible, BUT NONE MAY BE APPLIED AFTER ENTERING THE FACILITIES. And the outside of the car and the wheels must be clean of any graphite, before reaching the inspection tables.