

Pinewood Derby

PACK 3726

Rules

I. The race is open to all Registered Lions, Tiger Cubs, Wolves, Bears, Webelos, and AOL in the Pack.

II. Cars must conform to the National & PACK STANDARDS as follows:

A. Width - Outside, wheel to wheel, not over $2\frac{3}{4}$ ", also maintain $1\frac{3}{4}$ " width on wooden car bottom, where the metal axles are inserted.

B. Length - Not over 7". Front of car must be able to rest on a round starting pin (not an overly sharp point).

C. Height - Not over $3\frac{1}{4}$ ".

D. Weight - NOT OVER 141.7 grams (5.0 Ounces)! Gram scale will be used.

E. Bottom Weights - Any weights mounted on the bottom of the cars must pass clearance inspection gage. The recommended minimum clearance is $\frac{3}{8}$ ". The bottom needs to be as smooth as possible, especially nothing sharp sticking down. Any weight on the bottom must be recessed into wood. Weights cannot extend below wood block.

F. No loose materials on the car.

G. Wheel bearings, Springs & Axles - No bearings, washers, bushings, hubcaps, or springs allowed. Inspectors must be able to see axles on both sides of the wheel. Axles can and should be polished.

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 continuing.

J. Wheels - Any car which has "wafering," narrowed, or rounded wheels will be disqualified. The treads on one side and the line on the other must be clearly unaltered. 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, or silicone spray may be used on the axles or wheels. Only powdered graphite is permissible, **BUT NONE MAY BE APPLIED AFTER ENTERING THE GYM.**

The outside of the car and wheels must be clean of any graphite before reaching inspection tables.

L. Only cars made this year are allowed. If a car raced in last year's Pack race, it will be disqualified!!!