

Pack 1830 Pinewood Derby 2021

Final Inspection and Check-in: 6 pm Saturday, September 25, 2021

Race Date and Time: 6:30 am Saturday, September 25, 2021

Brent & Glna Hall's Backyard, 1093 Shady Springs Dri.

Help Cutting Cars, 6-9 pm Saturday, September 11, 2021, 1194 W 120 S Cir

PLEASE READ ALL RULES CAREFULLY AND IMMEDIATELY

Any questions can be directed to Rachelle Miller at 435-773-0874 or Greg Butterfield 435-592-2685

Race Rules

All cars must be built for the current Pinewood Derby racing season. **NO REPEATS or REPAINTS.** Cars are to be built and tuned by the Cub Scouts with some adult guidance. Any technical assistance should be fully explained to the Cub Scout so that he can use that knowledge on future projects.

Car Specifications

- *Width - Not to exceed 2 ¾ inches*
- *Length - Not to exceed 7 inches*
- *Weigh - Not to exceed 5 ounces*
- *Width between wheels - Must clear center guide rails, typically no less than 1 ¾ inches.*
- *Bottom clearance between car and track - Not less than ⅜ inches*

Wheel bearings, washers and bushings are prohibited. The car shall not ride on springs.

Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width, and weight specifications.

The car must be free-wheeling, with no starting devices.

Check-in and Inspection

Each car must pass inspection by an official inspection Committee before it may compete. If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh-in period to make the adjustment.

The inspectors will disqualify any car not meeting the listed rules. Any adult or scout may appeal the findings of the inspection to the Cubmaster - whose decision is final.

After acceptance, only race officials will handle the cars except that the Cub Scout owners will transfer their cars to and from the track during their heats as instructed by race officials.

Race Format

- Each car will race in multiple heats against other entrants.
- Computer software will be utilized to create heats that allow boys to race on each lane vs multiple opponents.
- A "Best of Show" and "Most Unique" winner will be voted on by race attendees.
- 1st, 2nd, and 3rd places will be awarded to each den. Overall Fastest in the Pack will also be recognized.

Repairs

Should a car experience a failure such as a loss of wheels or any part that prevents it from running, the boy and his adult supervisor will be allowed to attempt to repair the car prior to the next scheduled heat. The Cub Scout is in charge of all car repairs. Assistance by the adult supervisor is allowed and encouraged. Race officials will reinspect the car for compliance with race rules and specifications following repair.

Lubrication

- Only dry lubricants such as graphite or powdered teflon "white lube" will be allowed for lubricating the wheels.
- Only one lubrication is allowed during check-in and may be allowed once again during a designated "pit stop" if derby location permits.
- Over application of lubricant which results in excessive shedding onto the track is not allowed.

Behavior

GOOD SPORTSMANSHIP, HONESTY, AND BEHAVIOR IS REQUIRED. Race officials may ask anyone not following this rule to leave. The most important goal of the Pinewood Derby is to have fun!