

Pack 62 Official Pinewood Derby Rules

Car Specifications

1. Physical Dimensions

- Width - 2 3/4 inches
- Length - Not over 7 inches
- Weight - Not over 5.000 ounces
- Bottom Clearance - at least 3/8 inches between car and track
- Car height must not exceed the height of any detectors that cross above the track at the finish line

2. All cars raced must be built for use this year and hopefully by your son

3. Cars must be built **only** from materials obtained from official Boy Scouts of America Pinewood Derby kits that you were given by Pack 62 (the BSA colored wheels available at the Scout Shop are acceptable)

4. Specifically prohibited

- No springs
- No magnets
- Wheels cannot be modified in any way
- No wet paint on cars
- No wet lubricants
- No starting devices - car must be free wheeling
- No wheel bearings, washers, covers, or bushings
- No paint on wheels
- No one piece axels
- No silicon spray
- No axles other than what is supplied with the official kit
- No wheels other than what is supplied with the official kit

5. Details are allowed, but car must meet the physical dimensions, and be permanently attached.

6. Axle grooves may be re-cut, and wheel base modified, but car must meet all physical specifications.

7. No loose materials of any kind are allowed on or in the car.

8. The front edge of the car must be behind the starting peg. (So that 100% of the car is behind the starting peg).

9. Dry powder graphite and dry powder Teflon are the only lubricants to be used.

10. Burrs can be removed from the axle, and axle polished, but no other modification is allowed.

11. Structural strength is gained only from the wood body. No metal frames or metal axle supports are permitted.

12. All 4 wheels must touch the ground at all times.

FAQ

Q. How is my car (I mean my son's car) weighed?

A. The official scale will be on hand prior to the race. Get your car really close to 5oz and come in early.

Q. What if I don't (I mean my son doesn't) pass inspection?

A. You (he) will have a little time to adjust your (his) car so; try to make the pre-inspection night the Thursday prior to the event

Q. What if I have a complaint or comment to make about the event?

A. Your opinion will matter more, if you help us clean up.

Q. Can I appeal the judge's decision?

A. Yes, but you have to act it out like in charades or verbally in piglatin while going through the motions of "I'm a little tea pot".

Q. Will it help to appeal?

A. Depends on the outcome you were hoping for.

Q. What if a wheel comes off my (his) car?

A. We will allow you to make minor repairs if needed (we aren't that evil).

Q. What if my son's car loses and he tears up?

A. He will not be alone in his sorrows and may need comforting

Q. Can siblings enter a car in the race?

A. Yes they are very welcome to race in their own heat!!!!

Q. Can a dad enter a car?

A. You mean one besides the one your son is racing for you? Yes.

Q. What if I tear up because my car loses?

A. Get over it, you big baby!!!

Q. Can I buy wheels, body or axles from a hobby shop or online?

A. No!!! Only the Yankees try to buy trophies not scouts.

Q. I don't have tools or woodworking skills, how can I help my son?

A. We will have car building clinics to help your son compete at the highest level.

Q. Will there be food at the event?

A. If you consider Chilidogs food, then yes.

Q. Can I use graphite lubricant?

A. If you don't, you will lose and yes we will have some on hand at the check in.

Good Sportsmanship will be observed by all Cub Scouts during the Derby! Cars will be disqualified if the Scout or his parents display unsportsmanlike conduct on the race site.