

Forks of the Delaware Virtual Pinewood Derby Rules

Use only Officially Licensed BSA products: Grand Prix Pinewood Derby Kit, Pinewood Body, Axles, and Wheels.

The maximum overall width (including wheels and axles) shall not exceed $2 \frac{3}{4}$ inches.

The minimum width between the wheels shall not be less than $1 \frac{3}{4}$ inches, so the car will clear the center guide strip on the track.

The minimum clearance between the bottom of the car and the track surface shall not be less than $\frac{3}{8}$ inches so the car will clear the center strip of the track.

The maximum overall length of the car may not exceed 7 inches. No portion of the car can extend past the starting gate/peg.

The wheel-base may not be changed from that of the official kit. (The distance between front and rear axles must be at least $4 \frac{1}{8}$ but not to exceed $4 \frac{3}{8}$. The standard grooves are pre-cut at $4 \frac{1}{4}$.) You must use the axle slots provided in the kit and they are not to be drilled, re-slotted, modified or changed in any way.

Weight may not exceed 5 ounces. The reading of the official scale is final. The car may be hollowed out and built up to the maximum weight by additional wood or metal (Mercury or Glass may not be used) all extras must be screwed or glued securely to the car.

Details such as steering wheels, drivers, spoilers, decals, painting, and interior details are permissible, as long as the details do not exceed the maximum length and width specifications.

Cars with wet paint will not be accepted.

The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels. The wheels must show the THREAD marks on the outer edge.

Axles may not be altered in any way except polishing. They may be glued in place, so long as a portion of the axel is visible to the judges. The axles supplied with the kit must be used, they may be polished or lubricated but not machined narrower.

Wheel bearings, washers, bushings, and hubcaps are prohibited.

All 4 wheels must make contact with the track surface. (This is tested by free-rolling the car). And this is implied that the full wheel must make contact. Therefore the axles be in straight and the full wheel must be making contact with the surface.

The car shall not ride on any type of springs.

The car must be freewheeling with no starting device or other type of propulsion.

Only graphite or powdered Teflon white lube will be allowed for lubricating the wheels.

Lubrication will not be allowed after the car has been weighed in. (Only one lubrication is allowed before the beginning of the first race.)

Inspection: Each car must pass inspection by the official inspection committee before it will be allowed to compete.

The inspectors have the right to disqualify those cars that do not meet the specifications.

Each scout may enter only one car. (An official number will be issued the day of the race and placed on the car.)

The car must have been built during the 2019-2020 Scouting Year.

UPDATES FOR VIRTUAL RACE:

No spectators may be present during the race. At least one Council and/or District representative will be present to officiate the results.

Any car check-in issues such as weight or excess size will have to be fixed OUTSIDE of the check-in area and then will only be allowed to return into the area as space allows. Participants should ensure the car meets all requirements prior to dropping off the car.

Due to the requirement to ensure the safety of the volunteers and not having spectators, no repairs requiring tools can be completed by volunteers or staff. Minor adjustments utilizing hands only can occur. If minor adjustments cannot correct issue, then car will be disqualified. All other race rules apply.

Any car left behind and not picked up during the designated pick up day/time will be donated to the District for future events. No Scout will be contacted concerning a left car.