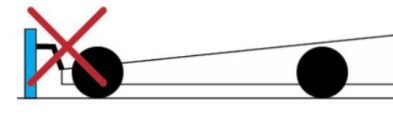
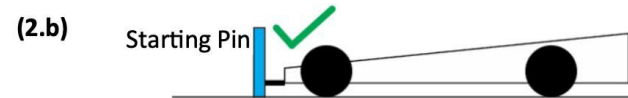
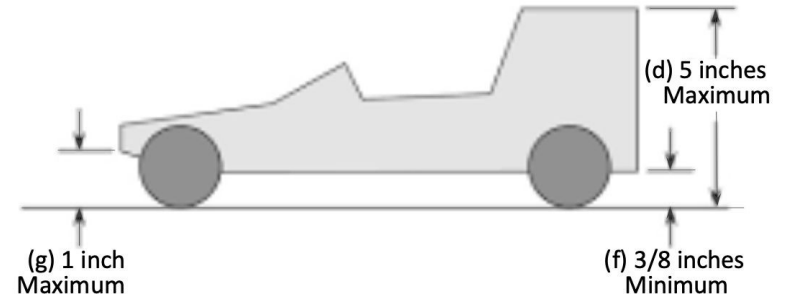
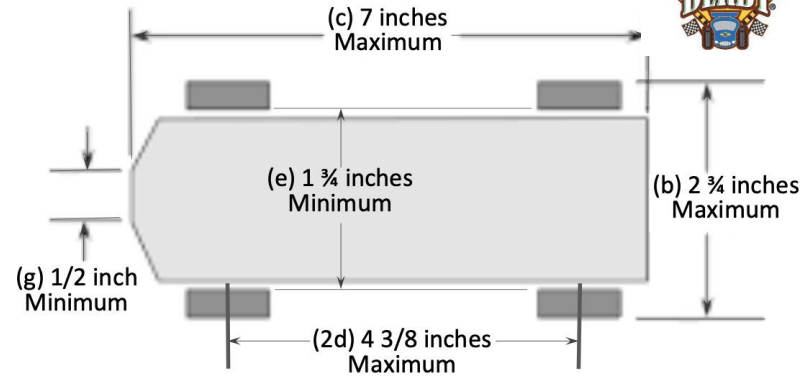


2025 Iron Horse Pinewood Derby Derby Rules and Regulations



Car Specifications

1. Car Specifications
 - a. Weight is not to exceed 5 ounces.
 - b. Width is not to exceed $2 \frac{3}{4}$ inches.
 - c. Length is not to exceed 7 inches.
 - d. Height is not to exceed 5 inches.
 - e. Center Rail Width Clearance must be at least $1 \frac{3}{4}$ inches.
 - f. Bottom clearance must be at least $\frac{3}{8}$ inches.
 - g. Leading edge of the car must be at least $\frac{1}{2}$ inches wide at center, and not exceed 1 inch from the track surface.
 - h.
2. An official BSA Pinewood Derby Kit must be used.
 - a. The block may be shaped in any way that is desired.
 - b. The leading edge of the car must not extend past the starting gate.
No three wheelers.
 - c. All four wheels must be present and touch the track.
 - d. Distance measured between front and rear axles may not exceed $4 \frac{3}{8}$ inches.



2025 Iron Horse Pinewood Derby Rules and Regulations

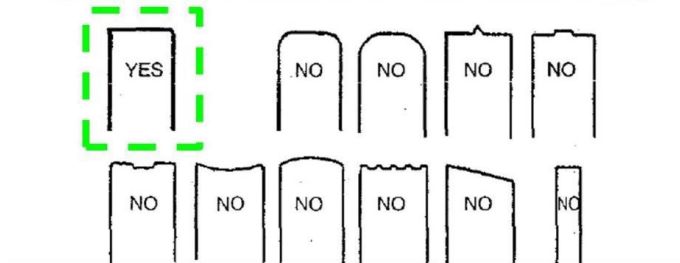


Wheel Specifications

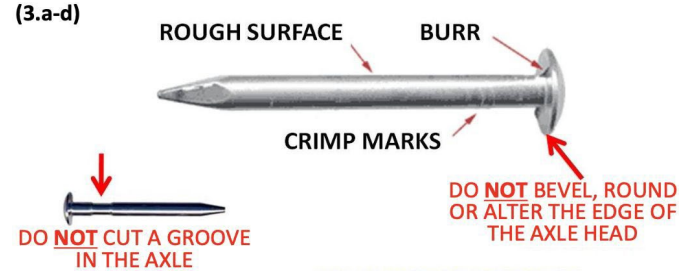
3. Official BSA wheels and axles must be used.
 - a. No bending of the axle is allowed.
 - b. No grooving of the axle is allowed.
 - c. No shaping of the axle head is allowed.
 - d. No solid, one-piece axles allowed.
 - e. No modifying of the wheels allowed.
 - f. All four wheels must touch the track.

(3.e)

WHEEL PROFILE EXAMPLES



USE THE NAILS IN YOUR KIT

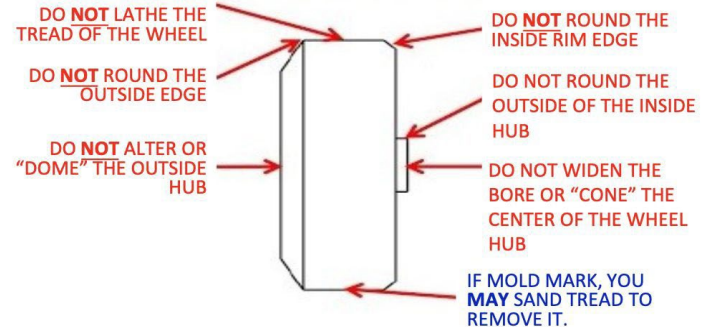


YOU MAY REMOVE THE BURR.

YOU MAY POLISH THE HEAD AND ROUGH SURFACE

YOU MAY ADD DRY GRAPHITE FOR LUBRICATION

DO NOT ALTER YOUR WHEELS



2025 Iron Horse Pinewood Derby Rules and Regulations



Check in and Race Day Rules

4. The car must be freewheeling with no starting devices.
5. Only solid weights may be used and must be glued or otherwise securely attached to the car. No loose weights or liquids will be allowed.
 - a. We recommend any weights placed under the car be drilled and inserted into the car's body. Protruding weights can cause the car to become high centered and drift out of its lane. Cars that drift out of their own lane and interfere with other racers can be disqualified.
6. Each car must pass inspection by the official inspection committee before it will be allowed to compete.
7. If a car does not pass inspection, then modifications may be made in the designated pit area. (Please bring your own tools.)
8. Once the car has passed inspection, it will be checked in and placed on the "Infield" table. No further alterations shall be made until the races have concluded.
9. Only race officials will handle the cars after the check in and during the race.
10. In the event a car leaves the track and needs repair, a race official will re-inspect the car before being allowed to race again.
11. Graphite or other dry lubrication only. NO liquid lubrication.
12. Race officials may disqualify any car that does not pass inspection.

Rules committee will have final say on interpretation of the rules. Continued discussion or complaining about a decision will result in your car being removed from the race.

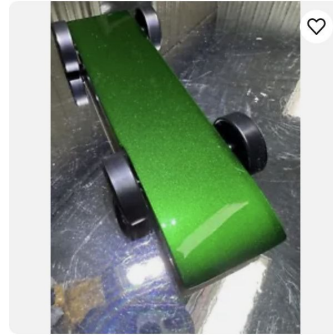
2025 Iron Horse Pinewood Derby Rules and Regulations



Appendix A - Precautions and Words of Wisdom

Ebay, Amazon, and other specialty cars:

- a1. No judgement here if you choose to go this route.
- a2. Be aware though these may come with non-BSA wheels, canted wheels, be set up as three wheelers and other things that may *not have violated your pack's rules* but if they don't meet the criteria above, they won't pass inspection here.
- a3. Please examine your car carefully and replace any custom wheels, axles or other non-conforming equipment with official BSA parts that conform to the rules above.

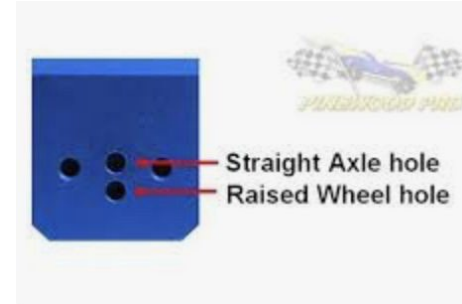


※※ LIGHTNING FAST Pinewood Derby Car!
By Derby Master! Over 1,100 Winners Sold!
Brand New

\$275.00
or Best Offer
Free shipping

Three wheelers:

- a3. It's difficult to make all the wheels touch but any obvious three wheelers where one wheel is higher than the rest (similar to this) will not qualify as they have an inherent advantage over other four-wheeled competitors.



Jumping the start gate:

- a4. These type of starting devices also won't fly - no part of the car may protrude past the starting pins prior to the race star or be shaped to avoid the pins as they drop.
- a5. You may file the front so the nose comes to a point, as long as it lines up with the rest of the cars at the start pins.

