

“OFFICIAL PINWOOD DERBY RULES”

1. General

- a. All cars entered must be constructed from the BSA "Official Grand Prix Pinewood Derby Kit."
- b. Each Scout MUST enter his own car and must be present at "Inspection and Registration." He also must be present for his race heats, and must be present at the awards ceremony to be awarded trophies or medals.
- c. No car may be altered at any time after it has been registered. After a car passes inspection, it will be stored by the Pinewood Derby Race Committee until racing is completed.
- d. The cars will be electrically timed. The car with the fastest time on the official timer shall be the winner of the heat.

2. Inspection & Disputes

- a. Each car must pass inspection by the official inspection team before it may compete. The inspection team has the right to disqualify those cars which do not meet these rules. Car owners will be informed of the violations and given an opportunity to modify the car to meet these rules.
- b. Any participant (including the parent of the participant) has the right to appeal to the race committee for an interpretation of these rules. The race committee, by majority vote, will be the final judge of these rules. In case of a tie the decision of the Derby Chairperson will be final.
- c. Unsportsmanlike conduct by any participant or member of the audience will NOT BE TOLERATED!!!

3. Length, Height, Width & Clearance

- a. Maximum overall width (including wheels and axles) shall not exceed 2 ¾ inches. Maximum height shall not exceed 3 ½ inches.
- b. Minimum width between wheels shall be 1 ¾ inches so the car will fit over the center guide strip.
- c. Minimum clearance between the bottom of the car and track shall be 3/8 inch so the car will clear the center guide strip.
- d. Maximum length shall not exceed 7 inches. Cars may be shorter but factory axle slots must be used.
- e. Cars with notched out front ends are prohibited. Car must rest on starting pin with no other part or vehicle protruding past the pin.

4. Weight & Appearance

- a. The weight of the car shall not exceed 5 ounces. The readings of the official race scale will be used to determine official weight. Use of glue, nails or screws is acceptable, but not "sticky adhesives" such as tape or tack spray, since it could come loose and interfere with another car during the race. Weights shall be passive, i.e. non-moveable, non-magnetic, non-electric, non-sticky, etc. No loose or moving materials of any kind are permitted in or on the car.
- b. Mercury shall not be used for adding weight. It is a potential health hazard.
- c. Details such as steering wheel, driver, spoiler, decals, painting, interior details, etc. are permitted and recommended, as long as these details do not cause the car to exceed the maximum length, width, and weight specifications.
- d. Cars constructed of metal, plastic, or other non-wood materials may be entered in the exhibition races, but not in the official derby.
- e. Cars with wet paint will not be accepted.

5. Wheels & Axles

- a. Only official Scout Grand Prix wheels and axles can be used.
- b. The car shall roll on the wheels from the kit. The wheels shall turn about the axle nails from the kit. The axle nails shall be firmly affixed to the wood of the car body. It must be obvious to the judges that the wheels and the nails from the BSA kit are being used. Axle covers cannot be used. All axle slots must be visible.
- c. Axles may be deburred & polished.
- d. Wheels may be lightly sanded to remove the mold projections on the tread. This light sanding is the only wheel modification allowed. Tires must remain flat, rounding of tires is prohibited. The portion of the wheel surface that contacts the track must remain parallel to the axle. Wheel treatment may not result in substantial removal of mass nor in reducing the wheel width. The original "tread marks" on the wheel face must remain intact and apparent to the inspector.
- e. Wheels with unacceptable modifications are subject to being disqualified. Unacceptable wheels may be replaced with stock wheels, at the discretion of the Derby Chair, and if such wheels are available.
- f. Wheel bearings, washers or bushings are prohibited.
- g. The car shall not ride on any type of springs and must be free-wheeling with no starting device or other propulsion.
- i. Front and rear axle slots must remain stock, no modifying or repositioning.
- k. All four wheels must touch the track.
- l. If a car does not reach the end of the track, or a car is unable to stay in one lane, the Derby Committee may attempt to fix it between races to help insure that the car can properly finish the remaining heats. However, cars that cannot be easily fixed may be disqualified or moved to the exhibition class.

6. Lubrication

- a. Only dry lubricants, such as powdered graphite, may be used. Regular oils or silicone sprays are prohibited.
- b. Cars may be lubricated (outside the race facility – preferably over a trash can) before inspection/check-in. No further lubrication will be permitted after inspection.

Should you have any questions about the “Official Pinewood Derby Rules,” please consult with a member of the Pinewood Derby Committee.