

District Pinewood Derby Races

OFFICIAL PINWOOD DERBY RULES

Length, Width and Clearance

- a. The maximum overall width (including wheels and axles) shall not exceed 2-3/4 inches.
- b. The minimum width between the wheels shall be 1-3/4 inches so the car will clear the center guide strip on the track.
- c. The minimum clearance between the bottom of the car and the track surface shall be 1/4 inch so the car will clear the center guide strip on the track.
- d. The maximum overall length shall not exceed 7 inches.
- e. The wheelbase (distance and location between the front and rear axles) may not be changed from the kit body.

Weight and Appearance

- a. Weight shall not exceed **5 ounces**. The reading of the official scale will be considered final. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided the material is securely built into the body or firmly affixed to it. No liquids or loose materials of any kind are permitted in or on the car. Vehicle can be weighed locally @ the Post Office and @ Piersol's Sewing and Hobby Center
- b. Details such as steering wheel, driver, spoiler, decals, painting and interior details are permissible as long as these details do not exceed the maximum length, width or weight specifications.
- c. Cars with wet paint will not be accepted.

Wheels and Axles

- a. Axles and wheels shall be only as provided in the Pinewood Derby Kit.
- b. Wheels may be lightly sanded to smooth out molding imperfections the tread area. This light sanding is the only modification allowed. Beveling, tapering, thin sanding, wafering or lathe turning of the wheels is prohibited.
- c. Axles may not be altered in any way except for polishing.
- d. Wheel bearings, washers, and bushings are prohibited.
- e. The car shall not ride on any type of springs.
- f. The car must be freewheeling, with no starting device or other type of propulsion.

Lubrication

- a. Only graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels.
- b. In the interest of fairness, lubrication is only allowed before the beginning of the first race.