

2020 Indiana State Museum Pinewood Derby® Open Rules

Pinewood Derby® Car Dimensions:

The overall length of the car shall not exceed 7 inches.

The overall width of the car shall not exceed 2¾ inches.

Derby Car Weight:

The car shall not exceed 5.00 ounces.

The official scale shall be considered final.

Wheels and Axles:

Absolutely NO graphite or other lubricant can be added to the cars inside the museum.

Official BSA wheels must be used.

The wheels may not be cut, drilled, beveled, rounded or machined—the wheels will be measured to confirm this.

Four wheels must be on the car.

No wheel covers are allowed.

Modifications:

Full name must be permanently displayed on the bottom of the car.

The car must have 1¼ inch clearance between the wheels.

The car must have 3/8 inch clearance underneath the body, so that it does not rub the track.

Wheel bearings, washers or bushings are prohibited.

The car must not ride on springs of any type.

No starting devices.

The car must be freewheeling.

No loose materials of any kind are permitted.

If a car is visibly damaged and a repair is needed, car owner may repair it with a race official present and re-pass inspection.

Repair is limited to the damaged section of the car.

Other Race Rules:

Everyone is welcome to race.

Only **one car** per museum admission on championship race day.

All cars will be given a brief technical inspection. The cars qualifying for the final races will be given a thorough inspection.

Once a car passes inspection and is entered into the race, only officials may touch it.

Any car weighing less than 5.00 ounces and not passing inspection may run for fun, but will not be considered for prizes.

Race Format:

The race will be run in three categories: youth (ages 5–9), junior (10–16) and adult (17+).

The fastest 24 cars in each category will be held for the final races.

The fastest 16 cars in each category will run in a final set of races.

If your car is in the top 24 for speed and you choose to leave, you must take your car with you and be removed from the competition. All trophies and ribbons must be picked up in person on race day.

