

Rocky Mountain Conference Official Pinewood Derby Rules

2015 Edition

Key Rules to Keep in Mind:

- ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE
- The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 ¾ inches.
- The overall height of the car shall not exceed 3 inches.
- The car must have 1 ¼" clearance between the wheels.
- The car must have 3/8" clearance underneath the body.
- The wood provided in the kit must be used. The block may be shaped any way that is desired.
- The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels.
- The axles supplied with the kit must be used. They may be polished or lubricated.
- Wheel bearings, washers or bushings are prohibited.
- The car must not ride on any type of springs.
- The car must be freewheeling, with no starting devices.
- No loose material of any kind, such as lead shot, may be used.
- Other materials such as wood, plastic, or metal may be added to the original block of wood as long as the car is within the allowed dimensions.
- Cars must be powered by gravity only! No engines, rubber bands, wind up motors, springs as used for propulsion, rocket motors, CO2 cartridges, thermo-nuclear reactors, plasma boosters, rodents on hamster wheels, or any other thrust generation or enhancement devices.
- Movable or liquid weights that shift the center of gravity of the car when the car is tipped or rolled are prohibited.

Each car must pass inspection by the official inspection committee before it will be allowed to compete. The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications.