

## Pinewood Derby Rules

The two most important rules of the Pinewood Derby are to **Have Fun** and to show **Good Sportsmanship** to all racers.

Official BSA Pinewood Derby Kits are to be used. The car must be made during the current "Scout Year."

### Derby Car Dimensions

1. The overall length of the car shall not exceed 7 inches.
2. The overall width of the car shall not exceed 2  $\frac{3}{4}$  inches
3. The car must have 1  $\frac{3}{4}$  inch clearance between wheels.
4. The car must have  $\frac{3}{8}$ -inch clearance underneath the body, so it does not rub on the track.

### Derby Car Weight

1. The car shall not exceed 5.0 ounces.
2. The official race scale that is used at car check-in shall be considered final.

### Derby Car Modification

1. The official pine wood block must be used. The block may be shaped in any way that is desired.
2. Official BSA wheels must be used. (colored BSA wheels are acceptable). The wheels may not be cut, drilled, beveled, or rounded. You may remove the seams and imperfection.
3. The axles which came with the kit must be used; they may be polished and lubricated,
4. Details such as steering wheel and driver are permissible as long as these details do not exceed maximum length, width and weight specification.
5. The car must be free-wheeling, no starting devices.
6. The weight in/on the car must be solidly attached. Weight that moves must be secured prior to race.

### Race Day Rules

1. Each car must pass inspection by official inspection committee before they compete.
2. If at registration a car does not pass inspection, the owner will be informed of the reason for the failure and will be given time with-in the weigh-in time period to make adjustments.
3. Once the car passes inspection and is entered into the race, one of the race committee members may touch it.

4. A car with damage or parts falling off will be allowed a “hot glue fix”. The race crew will perform the repair under supervision of the owner. No other adjustments or lubricating will be allowed.
5. Each car must pass inspection by the committee before it will be allowed to compete.
6. The Committee has the responsibility to disqualify those cars that do not meet these rules.