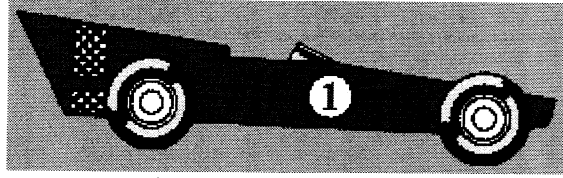


2007 North Star District Pinewood Derby Rules



1. Purpose. These rules are to ensure that uniformity is upheld for pinewood derby cars that race at the North Star District Pinewood Derby Contest. These rules are effective for the 2007 North Star District Pinewood Derby race to run at the March 31st District Scout Show at the Watertown Middle School.

2. Racing Personnel.

a. Eligibility to race is considered a pack decision. Any Tiger, Cub, and Webelos Scout in good standing within a pack may participate in the North Star District Pinewood Derby race.

b. "Do Your Best"!

c. Scouts will be responsible to apply a powder (dry) lubricant (graphite, etc) to the wheels of their racecar prior to turning in their car. Adults may assist the Scout in this application. Lubricant will be supplied by the Scout.

3. Car Specifications. All cars will meet the following specifications or will be disqualified.

a. All cars must be made from the official Boy Scouts of America Pinewood Derby kit. Other brands are not authorized.

b. Width. The overall width of the car shall not exceed 2 3/4 inches.

c. Width between wheels need to be at least 1 3/4 inches.

d. Bottom clearance between the car and track needs to be at least 3/8 inch.

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

f. Weight. The weight of the car shall not exceed 5 ounces as shown on the official race day scale.

No loose materials of any kind are permitted on the car. All exterior mounted materials must be secured with no movement allowed.

The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided any additional material is securely built into the body. All materials built into the car must be secured with no movement allowed.

g. Axles, wheels, and body wood shall be as provided in the kit.

h. The car shall not ride on any kind or type of springs.

i. Wheel bearings, washers, and bushings are prohibited.

- j. Details. Details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.
- k. The car must be freewheeling, with no starting devices.
- l. The car must have been made during the current year in which the race is being conducted.
- m. Wheels may be lightly sanded to rid the wheel of surface imperfections, but the treads must be left flat.
- n. Wheels shall not be modified in any manner excepted as stated in the above paragraph. Wheels cannot be tapered, rounded, canted, or reduced in width, etc.
- o. The nose of the car must be able to rest on the starting mechanism from the time the starter places the car until the start of the race. No material; i.e., sticky substances, etc., may be applied to the nose of the car.
- p. The original axle grooves must be used. If the original axle grooves are not square, the racer or the racer's parents must obtain a new car kit.
- q. Wheels must state "PINEWOOD DERBY™", "BSA", "OFFICIAL BSA", and "MADE IN USA".
- r. Axle guards (new BSA product in 2007) are recommended. They keep wheels aligned and secure race after race. The guard can also be used to repair broken or chipped axle grooves.

4. District Inspection.

- a. All cars must pass district inspection to qualify for the district race. The Inspection Committee has the right to disqualify those cars that do not meet the above specifications. There is no appeal process at the district level.
- b. Inspection Committee should consist of
 - 1) a person to weigh each car,
 - 2) a person to ensure linear measurements are met,
 - 3) a person to physically inspect the car for paragraph 3 specifications, and
 - 4) more as needed.

5. Pack Responsibilities:

- a. Ensure cars are not altered by anyone after pack competition.
- b. Discuss these rules with the parents and Scouts before pack and district competition.
- c. If required, provide adults to help at the district race.

- d. Remind parents that the district scale will be different than the pack scale.
 - e. Ensure axle grooves are square prior to passing out cars. If necessary, obtain new cars.
6. Races. To be determined by the person (unit) in charge of the North Star District Pinewood Derby race. Options include, but not limited to:

- a. Double elimination.
- b. Electronic timing.

Rule. If a car leaves the track, runs out of its lane, interferes with another car, loses an axle, etc, the heat will be rerun, if possible. If the same car gets into trouble on the second run, the car will be disqualified and automatically lose that race. If a car breaks, there will be a five (5) minute time limit for the Scout and parent to fix the car or the car will automatically lose that race.

7. Racing Committee Minimal Responsibilities.

- a. Select the best racing lanes of the track, if necessary.
- b. Maintain the racing brackets .
- c. Announce which cars are racing.
- d. Ensure proper lane placement.
- e. Select the winner or determine the times of each car of each heat.
- f. The Starter will place the cars in the proper lanes, ensure that the lane judges (timer) are ready, and start the race.
- g. Lane Judges (or timer) will select the winner of each heat. The judges' (timer) decision will be final. Lane judge(s) will watch races for car/lane problems.
- h. Bracket official will keep the brackets, inform the Starter which cars are racing, and ensure cars do not race in the same lane twice in a row.
- i. Present awards at the end of the race/day.

8. Parents Responsibilities.

- a. Set the example of good sportsmanship on race day.
- b. Help your son build his car. Remember he is "Doing His Best".
- c. Ensure axle grooves are square prior to purchasing or accepting a car from the pack.