



2012 HOCK HOCKING DISTRICT OFFICIAL PINEWOOD DERBY RULES

UNIVERSITY MALL, ATHENS, OHIO

March 3, 2012

Cost per Scout - \$5.00

All cars must conform to the inspection standards listed. The body of the BSA Grand Prix Racer must be made of wood. **Wheels and axles must be Official BSA Grand Prix Racer Parts.** **DO NOT ASSUME** the width, length, and height of kits are standard.

BOYS ARE REQUIRED TO BUILD A NEW CAR EACH YEAR.

CAR SPECIFICATIONS

(Note: Wheels and axles must be Official BSA Grand Prix Racer Parts).

1. Overall width of body (**car including wheels**) shall not exceed 3 (three) inches.
2. Overall length of body (**car including wheels**) shall not exceed 7 (seven) inches.
3. The car (**car including weights and wheels**) must have a track clearance of a minimum **of 3/8 inches.**
4. The height of the car (**car including wheels**) will not exceed 3 (three) inches.
5. The weight shall not exceed 142 grams. **The scales at the derby registration are the official scales. Weight may vary from the scales that you use.** If a car is overweight, the racer must reduce the car's weight to meet the rules. **No weights may be added at inspection at the Mall.**
6. Car detailing is permitted as long as they do not exceed the maximum length, width, height, and weight specifications of the car.
7. The body of the BSA Grand Prix Racer **must be made of wood.**
8. Car must have a **solid front end**, meaning **no slopes, no notches, no channels,** and **no points** on car that would give an advantage at the starting line.
9. **Wood grain must be visible underneath car,** clear coating of bottom allowed.

CAR RESTRICTIONS

1. No loose materials of any kind are permitted on the car. The car may be hollowed out and built up to a maximum weight by the addition of wood or metal only, provided that it is built securely into the body. **Mercury is prohibited as a weight.**
2. Washers and bushings are prohibited. Any and all dry lubricants are permitted but must be applied outside the Mall. **Anyone possessing or found using lubricants inside the Mall will be disqualified immediately.**
3. The wheels may not be reduced from their original size. **The wheels may be smoothed, but not tapered. Wheels and axles must be official BSA Grand Prix Racer parts only.** No hubcaps allowed. All four wheels must sit flat on surface. Required replacements on Derby Day will be charged to the Pack.
4. The car shall not ride on any type of spring.
5. The car must be freewheeling with **NO** starting device(s).
6. No Adhesive tape of any type may be used.



GENERAL RULES GOVERNING RACE

1. All racers must be registered as a Tiger Cub, Cub Scout, or Webelos Scout with the Boy Scouts of America. Office records will determine registration. CubMasters are to ensure this prior to turning in the official registration form.
2. Each car must pass an inspection by the Official Inspection Committee at the Derby. All rules will be strictly adhered to. **The inspectors will disqualify those cars that do not meet these specifications.** A pit area with tools will be available on Derby Day to make adjustments.
3. After registration and inspection, only the Cub Scout may handle his car. **No car boxes or containers in the Registration Area.**
4. Only one adult representative for each 20 Scouts will be allowed in the Registration Area at any time.
5. A Cub Scout must be present to race his own car. **(NO SUBSTITUTIONS)**
6. In the case of a tie, the racers will run again on the same lane.
7. No fanny packs, no tool kits, no boxes, no back packs, no camera cases, no purses are permitted in the Registration Area.
8. **All registrations for the Derby must be received by 5:00 PM on February 17, 2012.** No registration forms will be accepted after this time. **All registration forms must be printed and legible.** Registration deadlines will be strictly adhered to. No registration will be taken after the deadline date or on race day. Each Pack will be issued a time to check in for registration. **Please adhere to these check-in times.** Your Pack will be notified by telephone as to your official race time. It is the responsibility of the CubMaster to inform each Scout and their parents of their Pack's race time.
9. **A Pack must have at least six Scouts to race has a Pack. Packs with fewer than six Scouts will be combined with another Pack. Only the top three winners from the combine Pack will go to the finals.**

DISQUALIFICATION

1. If a car loses a part twice in any heat. Should this happen once, the race will be stopped and the racer will have a chance to fix his car. Only the racer may work on his car.
2. If a car jumps the track twice in any heat.
3. If your car touches another car twice in any heat.
4. If a racer arrives after his Pack has left the holding area to race.
5. If any part of the car extends beyond the starting pin.
6. If the car is modified after registration by anyone in any manner.

**QUESTIONS OR COMMENTS
SHOULD BE ADDRESSED TO:
Hock Hocking Pinewood Derby Chairman**

William Hashman