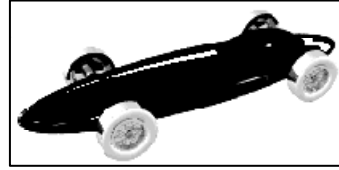


Pack 1702

2008 Pinewood Derby



Dates to remember:

- **Tuesday January 22, 2008 7:00 pm** - Tune-up your car with the Official Pack 1702 Pit Crew
- **Saturday January 26, 2008 (about 9:00 am to 1:00 pm) at FES - Race Day.** *Den times to be promulgated.*

Derby racing introduces Cubs to several skills:

- **Craft skills.** The Cub Scout, with age appropriate adult guidance, should build the car to the best of his ability. Any technical assistance should be fully explained to the Cub so that he can use that knowledge on future projects.
- **The rules** that must be followed. Rules on size, weight, design, lubrication, etc. must be followed.
- **Sportsmanship.** One must strive to be fair, honest, and respectful. More importantly, be able in the end to say, "I did my best", and be satisfied with the results of participation in the event.

PLEASE READ THE FOLLOWING CAREFULLY BEFORE BUILDING YOUR PINEWOOD DERBY CAR:

1. Cars must be built from the **Official Cub Scout Grand Prix Pinewood Derby Kit**, using the body, wheels, and axles provided. *These kits are provided to each Cub by the Pack.* Each car must pass inspection by the Derby Inspection Committee before it may compete. If a car does not pass inspection, the owner will be given time within the official weigh-in-time to make the adjustment. This is why it may be important for you to go to Tune-up night so that changes if necessary may be made prior to Race Day. Each Cub Scout's car has been assigned a number for the races.

Cars should be marked with the following information:

- **Car Number:** (Scout's Assigned Car Number) should be visible on the back of car if possible (stick-on or paint)

Cars should be marked on the bottom with the following information:

- **Name:** (Scout's Name)
- **Year:** 2008

REQUIREMENTS. In order to be allowed to race, the car can not exceed the following specifications:

- **Width:** The overall width of the car can not exceed **2 ¾ inches**.
- **Length:** The overall length of the car can not exceed **7 inches**.
- **Clearance:** Clearance between car bottom and track must be at least **3/8 inch**.
- **Wheel Base:** Lateral distance between the wheels must be at least **1 ¼ inch**.
- **Weight:** The overall weight of the car shall not exceed **5.000 ounces**.
- **Height:** The height of any part of the car may be no more that **3 inches** (*to fit under the finish line!*)
- **Loose materials** are not allowed on or inside the car. The car may be hollowed out and built up to the maximum weight by additional materials that are firmly secured to the car.

In addition, the cars will be inspected for the following:

- **Wheels and Axles:** *Official Cub Scout Grand Prix Pinewood Derby* wheels and axles **must be used** as provided. Flashing if present in the wheel's axle hole or on the outside may be removed. Similarly, burrs on axle shafts and heads (e.g. nails) may be removed by polishing. **Wheels cannot be wafered, beveled, ridged, crowned, drilled, or similarly functionally altered.**
- **Lubrication:** **No lubrication will be allowed this year.**
- **Detailing:** Detailing such as steering wheels, driver, decals, and paints are permissible as long as they are secured and do not exceed the maximum length, width and weight specifications outlined.
- **Prohibited Items:** The car must be free-wheeling; no starting or launch devices; and shall not ride on any type of springs or suspension system. Wheel bearings, washers, bushings, and one-piece axles shall not be used.

2. After final inspection and registration of each car by the derby officials is completed, cars will be moved to a staging area off limits to all participants. Derby Officials are the only person(s) that are allowed to handle or otherwise touch a car until the cars are returned to the owners after all races are complete and the results are finalized.
3. Have fun preparing for the derby and may the best car win!

More detailed information may be found at the Pack 1702 Website <http://www.pack1702.org>

References:

- (1) Boy Scouts of America, "Cub Scout Grand Prix: Pinewood Derby Guidebook," 1997, Boy Scouts of America.
- (2) Boy Scouts of America, "Official Grand Prix Pinewood Derby Kit," copyright 1997, Kit No. 17006.

