



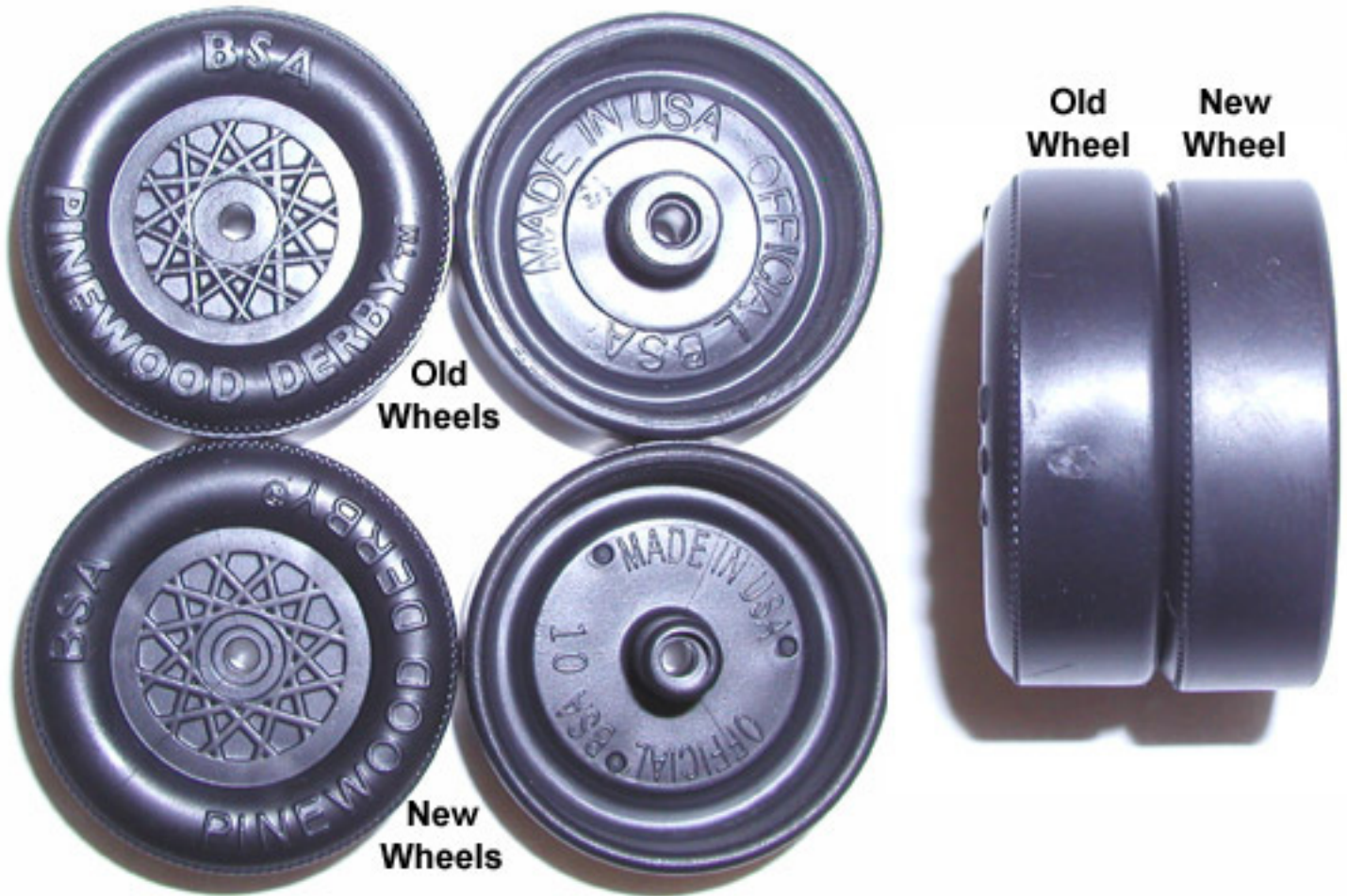
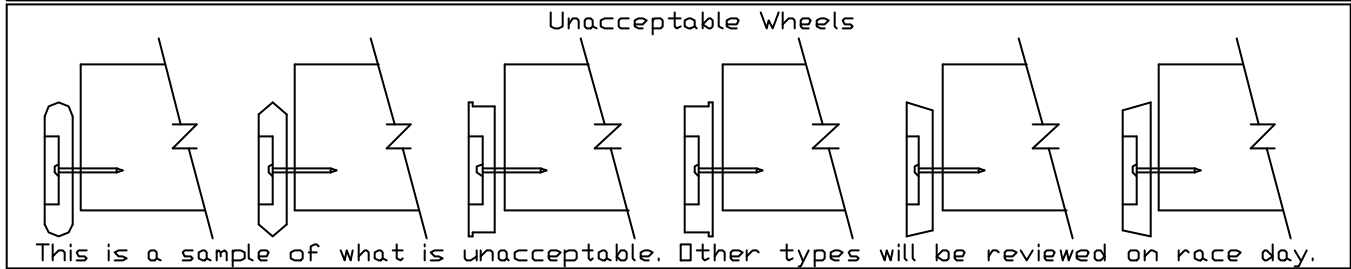
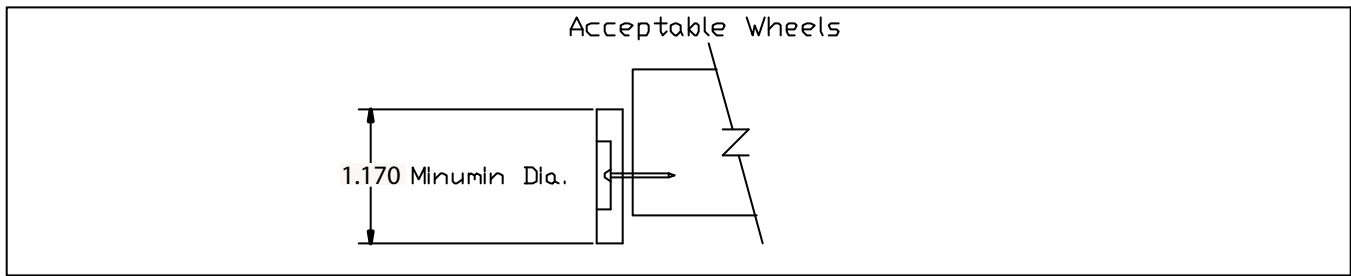
**2010 Wright Brothers District  
Pinewood Derby Race  
Saturday - April 10, 2010  
Weigh-in Starts at 9:00 A.M.  
Racing Starts at 10:30 A.M.  
Ascension School Hall 2002 Woodman Dr.  
Cost:\$ 7.50 (Pre-Registration) / \$ 11.00 (Day of the Race)**



In an attempt to make the Pinewood more fair and fun for all the Tiger and Cub Scouts, the following rules will apply for everyone in the district. We will be using a computer timer again this year. Every racer will race four times, (once down each lane). The winners will be determined by the fastest average of the four races. Each pack can send four (4) boys to district. Any combination of Cubs and Tigers is acceptable, provided you send at least one (1) Tiger minimum (if you have a Tiger group). Second Year Webelos that have crossed over to a Troop can race their car. Please let the boys do as much work on the car as possible, they learn more this way. All cars must pass inspection to qualify for the race. The inspection points are as follows:

- A. The car must have been made during the current year (the year in which the derby is held).
- B. Width - overall width shall not exceed 2.75" (2-3/4 inches).
- C. Length - overall length shall not exceed 7 inches.  
(Note: check your length, cars out of the box are sometimes over 7 inches.)
- D. Height - overall height shall not exceed 3.5 (3-1/2) inches.  
(Note: the starting gate on the track is the reason for this limit. You can exceed this limit for judging, if the item can be removed when racing.)
- E. Weight - Shall not exceed 5 ounces.
- F. Wheel bearings, washers, bushings or hubcaps are prohibited.
- G. No solid axles, only the official Grand Prix Pinewood Derby kits with nails for axles can be used. Wheel base can not exceed 4.75" (4-3/4 inches) Center to Center of axle.
- H. The car shall not ride on any kind of springs.
- I. Dry Lubricant only. No Liquid Lubricant allowed.
- J. Wheels can be sanded to remove surface imperfections, but the treads must be left flat. Wheels can not be any smaller than 1.170" diameter. Can not remove any significant amount of plastic - inside or outside of wheel. Only the official wheels supplied with the Grand Prix kit are acceptable. Car with modified wheels will be disqualified to run. No hubcaps of any sort are allowed.  
  
The pictures on the back side show a sample of acceptable and unacceptable type wheels and old versus new wheels.
- K. Must have a .375" (3/8 inch) clearance under the car body. Low hanging weights must be moved to an other part of the car or recess into the bottom of the car to pass the .375" clearance.
- L. Any details added must be within length, width, and weight limits.
- M. No loose materials of any kind are allowed on the car. If anything falls off during or after a race, it stays off.

**If you have any questions please give me a call or email.  
Michael Sprowl 866-9371 (home) E-Mail: mesprowl@ameritech.net**



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BSA is changing the wheels in the Cub Scout Grand Prix Pinewood Derby kits. Due to this change, we have updated the minumin outside diameter to 1.170" for both types of wheels (old and new).

Wright Brothers District 2010 Pinewood Derby

Pre-Registration Form - One (1) form per Pack Please

When: Saturday April 10, 2010

Where: Ascension School Hall, 2002 Woodman Dr.

Time: Weigh-in Starts at 9:00 A.M. / Racing Starts at 10:30 A.M.

Cost: \$ 7.50 (Pre-Registration) / \$ 11.00 (Day of the Race)

Each Pack can send (4) Drivers to the race. Any combination of Cubs and Tigers is acceptable, provided you send at least one (1) Tiger minimum. If your Pack does not have Tigers, you can still send (4) cars. Second Year Webelos that have crossed over to a Troop can race their car. All cars must pass inspection to qualify for the race.

See attached sheet for District Rules.

If you have any questions, please call Michael Sprowl (866-9371) or

Email: mesprowl@ameritech.net

(Event # 6054)

(Please Print Names)

Driver #1 Name: \_\_\_\_\_

Pack #: \_\_\_\_\_ Rank: Tiger Wolf Bear Webelos

(Please Circle Rank)

Driver #2 Name: \_\_\_\_\_

Pack #: \_\_\_\_\_ Rank: Tiger Wolf Bear Webelos

(Please Circle Rank)

Driver #3 Name: \_\_\_\_\_

Pack #: \_\_\_\_\_ Rank: Tiger Wolf Bear Webelos

(Please Circle Rank)

Driver #4 Name: \_\_\_\_\_

Pack #: \_\_\_\_\_ Rank: Tiger Wolf Bear Webelos

(Please Circle Rank)

Please fill out one form per pack and return to the Scout Store with registration fee.  
Forms and registration fees are due at the Scout Store no later than Saturday April 3, 2010.  
After Saturday April 3, call Michael Sprowl and bring form and fees on race day.