

## 2012 Commodore Perry District Official Pinewood Derby Car Rules

All cars must be made this Scouting year, and be made from the Official Cub Scout Pinewood Derby Kit!!  
ONLY BSA STORE BOUGHT CARS ARE ELIGIBLE. NO TARGET STORE CARS.

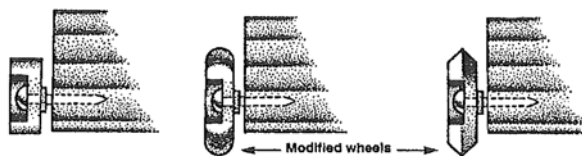
1. Length: Overall car length shall not exceed 7 inches
2. Width: Overall car width shall not exceed 2 ¾ inches.  
Minimum width between inside edge of wheels is 1 ¾ inches.
3. Height: Overall car height shall not exceed 2 ½ inches.  
Bottom clearance between car and track is 3/8 inches.
4. Weight: Car weight shall not exceed 5 oz. Car may be hollowed out and weight filled up to the maximum weight.  
All weight must be securely built in to or attached on to the car body. No movable weighting will be allowed.
5. Wheel Bearings: Washers, bushings, or bearings of any kind ARE NOT ALLOWED.
6. Axles: You must use the nail axles provided in the official kit. Light sanding/polishing of axles to remove burrs is permissible. NO machining/grooving of axles is allowed. Axles **MUST** be inserted in to the pre-made slots only. The axles and slots must be entirely visible. The nails may not be inserted at an angle. Axles and wheels shall be positioned squarely to the car block (see Acceptable Wheels diagram below) and ALL FOUR wheels must make contact with the track at all times. NOTE: Any Car suspect of using illegal axles **WILL** be automatically disqualified.
7. Wheels: Must be Official "B.S.A. Pinewood Derby" as supplied in kit or colored B.S.A. replacements purchased thru the B.S.A. The wheels may NOT be tapered, rounded, or grooved (see illustration). The outside portion of the wheel may be lightly sanded to true the wheel and remove mold marks, however, the tread mark (beaded or dotted edge) on the outer edge of the wheel must still show to prove that it is an Official B.S.A. wheel kit. (Note: New B.S.A. wheels do NOT have mold marks on tread surface.) No wheel covers or hubcaps will be allowed!! No grooved, narrowed, or modified wheels or hubs will be accepted. NO paint, stickers or appliqué anywhere on wheels will be allowed. NOTE: Any Car suspect of using illegal wheels **WILL** be automatically disqualified.

The 2012  
Commodore Perry Pinewood  
Derby Season will end with the  
District Race on  
March 17, 2012  
at Clay High School.

Eligible Participants include  
Pack Level, First and Second  
Place (Race) and First Place  
(Best Design).



Acceptable Wheels



Unacceptable Wheels

8. Lubricants: Only powdered lubricants (i.e. Black Graphite or White Teflon) are allowed. NO Liquid lubricants of any kind are permissible. Lubricants shall be applied to the axles and wheel hubs ONLY. No lubricant on the wheel faces or tread will be allowed. Lubricant shall NOT fall off car with a light tap on a solid surface. Excess lubricant will not be allowed.
9. Springs: NO SPRINGS of any type are allowed.
10. Details: Details such as steering wheels, drivers, roll bars, fenders, etc, are OK, as long as they do not exceed the overall dimension specifications listed above, and are Securely Fastened to the car.

11. Attachments: The car must be free wheeling. No starting Devices, i.e. Rubber bands, motors etc. will be allowed.
  12. Starting Line: No car may protrude past the starting line for any reason. If any part of the car goes past the starting line before the gate is dropped, it will be disqualified. NOTE: Most starting gates make contact with the car at the “front, center” point, and with a tolerance of ¾ inch, side to side.
  13. Inspection: All Cars (Race & Best Design) will be inspected and weighed at the inspection station upon check-in. At the discretion of the Race Chairman and Committee, any car that does not meet the above rules will be given the opportunity to make any necessary repairs to help it to conform to the rules, and said repairs MUST be completed before the finish of that check-in period.
- Each Scout is responsible for bringing his own car to District Competition on the day of the race, and stay the entire time for the race or best design competition.
  - All Scouts are to be in Class “A” uniform. If a scout doesn’t wear his class “A” uniform shirt, or leaves early, he’ll be disqualified.
  - If a scout is disqualified for any reason, no other scout will take his place. The spot will remain empty.
  - Registration forms are due by Friday, February 24, 2012 no exceptions of any kind.
  - If all the boys that will be competing receive a copy of these rules before they build their cars, we shouldn’t have any problems with this competition.
  - All Parents are encouraged and expected to remember that this is just a race among young boys having fun, not a race between Parents! The Spirit of Scouting WILL be followed at ALL times! Please be a Good Role Model to your Son by acting, leading and directing yourself accordingly!!

## **District Pinewood Derby Saturday, March 17, 2012**

5th Grade	8:30 am Registration 9 am Race/Design
4th Grade	9:30 am Registration 10 am Race/Design
3rd Grade	10:30 Registration 11:30 Race/Design
2nd Grade	12 noon Registration 1 pm Race/Design
1st Grade	1:30 pm Registration 2:30 pm Race/Registration

**Deadline Date for Registration – No Exceptions  
Friday February 24, 2012**

For more information of if you have any questions, please contact Mark Tafelski, 419.708.3916 or Ian Blodgett, 419.241.7293.