



## **KASKASKIA DISTRICT Official PINWOOD DERBY RULES**

1. Follow directions provided in each Pinewood Derby Kit.
2. All cars must pass inspection to qualify for the race. Racing officials will have the right to disqualify any car not meeting the guidelines listed in your car kit or the following Specifications. Disqualified cars will be given a chance to be corrected before the end of specified check-in time for that racer.

### **The inspection points are as follows:**

- A. The car must have been made during the current year.
  - B. Total width of car shall not exceed 2 ¾ inches.
  - C. Total Length of car shall not exceed 7 inches.
  - D. Total weight of car shall not exceed 5 ounces.
  - E. Bottom clearance between car and track 3/8 inch.
  - F. Axles, wheels and body shall be provided in official Pinewood Derby Kit. Wheels may be slightly sanded or trued but the shape of the wheel may not be altered or narrowed. No Aftermarket wheels or axles are allowed. The wheel tread may be true, but the diameter of the wheel cannot be significantly reduced. The rippled edge (ridges) must remain intact around the entire wheel. The judges must be able to feel the rippled edge all the way around the wheel circumference. (Official color wheels can be bought at the scout office)
  - G. Wheel bearings, washers and bushings are prohibited.
  - H. The car shall not ride on any type of spring system and shall be of a solid base.
  - I. Axles must be mounted in slots provided. The axles are provided with the car. (Look like Nails)
  - J. The car must be free wheels with no starting devices.
  - K. No loose materials are allowed inside the car.
  - L. Dry lubricant is permitted or you may use pinewood 100% pure DuPont Krytox oil.
3. Cars must be checked in for racing during the specified check in time for each racer. Once car passes check-in it will be placed in the display area and no additional work, modifications or lubricating will be allowed with the exception of damage occurring during the race, the owner will be given a sufficient amount of time established by the race officials to fix it.
  4. The starter will make sure each car is properly on the track. The starter will start the race after the drivers report to the finish line. Drivers will return their cars to the starter for additional races.
  5. The winner of each race will be determined by an electronic timer or a committee of judges for the race.
  6. Winning cars will be returned to the display area. No additional work, modifications or lubricating will be allowed between races.
  7. A driver does not have to be present to race. A designated driver will be allowed to present the car to the starter for the racing.
  8. DO YOUR BEST!