

2016 Sierra Valley District Pinewood Derby – RULES

Only cars conforming to Official Rules may compete.

Car Class Definitions:

Stock Class Cars are those belonging to the Cub Scouts.

Open Class Cars are those belonging to family members and friends of the Cub Scout.

Rules for Stock & Open Class Cars:

1. **NO REPEAT CARS.** All cars must be newly built for the 2016 Pinewood Derby season. We'd love to see all of the cars built for your Packs this year!
2. **Length & Width:** Car width shall not exceed 2¾ inches and length shall not exceed 7 inches.
3. **Weight:** Car weight shall not exceed 5 ounces (142 grams). Readings of the **official race scale** will be considered final. All cars will be weighed on the **official race scale** on race day.
4. **Body:**
 - ✓ Cars must be constructed from the Pinewood Derby Kit and be freewheeling with no starting devices.
 - ✓ No loose materials or parts that may damage the track or other cars are permitted.
 - ✓ Cars with wet paint may not race.
5. **Wheels & Axles:**
 - ✓ Only wheels and axles provided in the official BSA Pinewood Derby Kit may be used.
 - ✓ Stock wheels and axles may be sanded in accordance with the rules included in the kit.
 - ✓ Wheel bearings, washers and/or bushings, hubcaps or graphite retaining wheel stickers are prohibited and the car shall not ride on any type of spring.
 - ✓ Only dry-powdered lubricant may be applied to the axles. No lubrication will be allowed after inspection.
 - ✓ Minimum width between wheels shall be 1¾" so that the car will clear the center guide strip.
 - ✓ Minimum clearance between the bottom of the car and track shall be 3/8" so that the car will clear the center guide strip.
6. **Car ID:** All cars will be assigned a racing number and labeled upon check-in.
7. **Fun:** All participants must have fun building and racing their car and watching others race!

Inspections:

All cars will be inspected and approved prior to racing by committee members.

Only cars that meet the specifications above will be allowed to race.

If the design of your car compromises the starting gate it might be sent down the track in reverse.

Once a car has been checked in it MAY NOT be handled by its owner until after the completion of the races.

NOTE: The Pinewood Derby Racing Committee's judgments & rulings are final. There will be no recounts & no recalls.

