



Gentlemen, Start Your
Engines!



It's Almost Time For
Pack 648's 2012 Pinewood Derby!

Come race on the Pack's 40 ft High Speed Aluminum Track!

Race Day - Sunday, January 29, 2012, Hilltop Park, 12:00 to 3:00 PM



Mandatory Inspection - Saturday, January 28, 2012, at the Good's House

Time- 10am-2pm

Cars will be impounded after inspection.

Brackets for Scouts, Siblings, and Advanced Engineers (Moms and Dads)

Awards for: 1st, 2nd, and 3rd Place in each Den, and 1st, 2nd, and 3rd place Grand Champions. Additional awards for "Best Use of a Toy or Action Figure", "Most Likely to Get a Speeding Ticket", "Most Humorous: and "Best Design Overall" categories. Only BSA car kits can be used.

Below are the rules for car design and assembly:

San Diego 500 Pinewood Derby Car Specifications

Overall width of the car, including wheels, shall not exceed two and $\frac{3}{4}$ inches (2.75"). The body width where the axles attach to the wheels shall not be less than one and $\frac{3}{4}$ inches (1.75").

Overall car length may not exceed seven inches (7.00"). The kits often supply wood blanks longer than 7 inches.

Overall car height may not exceed three inches (3.00"). This prevents tall cars from crashing into the finish line and electronic lane judge.

Total weight of the car shall not exceed five (5.000 oz) ounces.

Only official Boy Scout Grand Prix racing wheels provided in any of the Pinewood Derby Series Kits are allowed. All wheels must be used. Wheels may not be altered (rounded, narrowed, etc.) except for the removal of burrs. Wheels may not be lathe-turned, thinned, sawed, perforated or machined in any way. Outside wheel diameter should be no less than 1.180". Ready-made modified wheels are not allowed. Wheels must be attached so that there is a minimum of 0.375" (3/8") between the car bottom and the rolling surface to provide track lane guide clearance.

Only metal "nail" type axles provided in BSA Grand Prix Pinewood Derby Kits are allowed. All specifications listed in the kits (as to height of axles for track clearance) must be followed. Axles may be lubricated but the use of wheel bearing, washers or bushings is strictly prohibited. Hubcaps may be used but the head ends of the axles must be available for inspection.

Any dry lubricant such as graphite or BSA "Axle lube" is allowed. Oil and other wet lubricants are not permitted.

The car shall not ride on any type of springs or other suspension.

The car must be freewheeling and must not contain any type of auxiliary propulsion or starting device. (No jets, rubber bands, magnets, adhesives, springs, motors, etc.)

(Decals, trim, characters, and decorations are allowed if they meet the finished car size and weight rules).