

2012 Mahican District Official Pinewood Derby Rules and Regulations

Car Specifications

Width: The width of the car may not exceed 2.75 inches.

Length: The overall length of the car may not exceed 7 inches.

Weight: The total weight of the car may not exceed 5 ounces.

Ground Clearance: The minimum ground clearance must be 0.375 inches.

Wheels and Axles: The wheels and axles must be those supplied by the BSA in their kits or the BSA approved "Colored" wheels. NO OTHER SUBSTITUTIONS! (competition wheels sold by hobby shops that have been altered will be disqualified.) The wheels may be trimmed for molding defects, but not rounded, pointed, or thinned. The tread must remain original width. No hubcaps (stickers on the outside of the wheel). Axles may not be altered in any way, except for polishing. Wheel bearings, washers and bushings are prohibited. Wheel hubs (the part of the wheel that contacts the car) shall not be rounded, drilled, filed, or altered in any way. Wheels shall not be lightened or weighted by removal or addition of excess plastic or material. *Note: more people are disqualified for abusing the wheel rules than anything else.*

Materials: No loose materials of any kind are permitted, inside or out.

Lubrication: Only graphite or powdered Teflon "white lube" is allowed for lubricating the wheels. Cars with any type of liquid oil, synthetic lubes, etc. will not be allowed to race.

Car Body: Car bodies must use the block of wood supplied in the BSA Grand Prix Pinewood Derby Kit; Body may be shaped to a custom design within the above specs. Body may be hollowed out and built up to maximum weight, provided all additions are securely attached. The use of altered front ends of cars with "cheater bars" (anything that protrudes in front of the start gate) will not be allowed.

Details: Details such as steering wheels, driver decals, paintings, and exterior details are permissible as long as the inclusion of these details does not exceed the length, width, weight and ground specifications.

Propulsion: Gravity is the only allowed method of propulsion.

Inspection: Each car must pass inspection by race officials before competition. Race officials will disqualify those cars, which do not meet these specs. Once a car is accepted, only race officials may handle it until race day. On race day only the Scout racing and the race officials may handle them. If a car does not meet the above specs at the time of registration, it may be modified and resubmitted as long as registration is still open.

Car Specifications and inspection Decisions: The Race Official's decision(s) in any car specification and/or inspection matter will be final.

Race Rules

Eligibility: (1) The car must be newly built for the current year by the Scout with parental help if needed. (2) The car must have competed in their respective Pack Pinewood Derby.

Note: THE UNIFORMED CUBSCOUT RACING THE CAR MUST BE PRESENT THE ENTIRE TIME OF HIS ALLOTTED RACE OR THE CAR CAN NOT COMPETE FOR A TROPHY. NO LATE ENTRIES, NO EXCEPTIONS.

Maintenance: Once the Pinewood Derby car has been accepted by the inspection committee, no maintenance of any kind is permitted. No modifications are allowed with the exception of pushing the wheels back on if they become dislodged. All repairs will be made by a race official. Any item other than a wheel and axle that falls off a car, stays off the car.

Disabled Cars: If a car becomes disabled during the race, it may continue until it no longer will go down the track, or poses eminent damage to the track, or is eliminated.

Race Decisions: The Race Officials decision(s) in any race matter will be final.

Race trips will be rerun if necessary if computer errors occur or interference happens, these reruns are at the sole discretion of the race officials.

We understand each pack uses their own set of rules BUT if a car is going to be eligible to race at the council race this set of rules must be followed or the car will be disqualified. These rules are in place to make it a fair race for every racer.