

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. NO SUBSTITUTIONS! The wheels may be trimmed, 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 by removal of excess plastic.

Wheel Base: The distance between the front and rear axles must not be changed from the kit body distance of 4.25 inches. The minimum width between the wheels must be at least 1.75 inches.

Materials: No loose materials of any kind are permitted.

Lubrication: Only graphite or powdered Teflon “white lube” is allowed for lubricating the wheels. Cars with any type of 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” will not be allowed.

Details: Details such as steering wheels, driver decals, paintings, interior 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. 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.