



PINEWOOD DERBY

SPECIFICATION RULES



Weight: Race cars may weigh no more than five (5) ounces (total weight) as determined on the official scales during the pre-race check-in.

Wheels and Axles: The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels. No other wheel modifications are permitted. The wheels shall turn about the axle nails from the kit. The axle nails shall be firmly affixed to the wood of the car body, and **MUST** be placed in the original 'axle grooves' in the supplied wooden block. No drilled holes for the axles to be placed in. All four wheels are required to sit flat on the track. It must be obvious to the judges that the grooves, wheels, and the nails from the kit are being used.

Size: Race cars may be no longer than 7 inches, nor wider than 2-3/4 (2.75) inches, as determined by the official gages during the Registration and Inspection. Underside clearance of at least 3/8 (0.375) inches and inside wheel to wheel clearance of at least 1-3/4 (1.75) inches is recommended, so that the car will run on the race track. Adequate clearance is the responsibility of the race car builder.

Weights and Attachment: Weight may be added to the car and will be considered part of the car for purposes of all measurements. "Weight" is considered to be any material on the car that is not provided in the kit. All weight must be securely fastened to the car, e.g. by permanent glue, nails or screws. The car must be freewheeling, no starting devices permitted.

Lubricants: Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels.

Body: Details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.

Unacceptable Construction: The following may **NOT** be used in conjunction with the wheels or axles: hubcaps, washers, inserts, sleeves, bearings, Springs or any type of suspension.

Inspection: All cars must pass inspection prior to racing. The inspectors have the right to disqualify those cars not in specification by race time.