

Joyce Kilmer District Rules for Pinewood Derby 2010

Please review the rules. Obeying the rules avoids the embarrassment of not being allowed to race. Scouting Encourages good sportsmanship. Unsportsmanlike conduct by a scout or his family will be cause for disqualification.

- Participation:** The 2010 Joyce Kilmer Championship Pinewood Derby is open to the top 3 finishers in each rank from JK Packs Pinewood Derbies. Scouts must be present to be eligible for awards.
- Inspection:** Vehicles will be inspected during registration for compliance to all specifications (see the spec sheet on the JK website <http://joycekilmerdistrict.org>). If a vehicle fails inspection, the owner will be told the reason for failure, and will be given time within the official registration period to make adjustments. Submit cars by the deadline for inspection. Raceday is too late!! Cars failing inspection may be raced but are ineligible for awards.
- Impound:** Vehicles will be impounded after passing registration. After being impounded, repairs will be limited to the replacement of axles/wheels that are broken/lost during the race. After impound, only race officials will handle vehicles.
- Vehicle Specs**
- Body:** Kits supplied by the Pack must be used. Pre shaped (kit) cars are not allowed. Bodies of other materials will be grounds for disqualification. The body may be shaped, hollowed out, or built up as long as it meets all other specifications. Any additions to the body such as a steering wheel, drivers, paint and decals must be attached firmly. No part of the vehicle body may protrude past the starting gate. Only vehicles constructed this scouting year will be raced.
- Width:** The vehicle width at the wheels may NOT be modified. It must be the same as the original kit. No wider than 2 3/4 inches. (To fit on track and not obstruct vehicles in the next lane)
- Length:** Overall length should be appropriate for the kit used. (To fit in the starting blocks)
- Height:** Overall height may not exceed 5 inches. (To fit under the scoring finish line)
- Clearance:** At least 3/8 inches from the surface. (To clear the track center guide rail)
- Wheelbase:** The wheelbase may not be modified. It must be the same as the official kit, as suggested. The distance from the center of the axles must be 4 7/16 inches. The axle slots may be moved but the distance between the front and rear axle must remain 4 7/16 inches.
- Wheels:** Wheels and axles must be as furnished in the official kit. No aftermarket wheels/axles. Only Beta Craft or BSA wheels. New colored BSA wheels are acceptable. Wheels may be sanded to remove the flashing (mold marks) only. NO reduction in width or diameter. NO change in shape. Wheels may be lubricated with dry graphite only. NO liquid lubrication. The axle may be cleaned up by removing burr and molding marks. NO 1-piece axles, NO washers, NO bushings, NO bearings, NO springs are permitted.
- Weight:** Cars must not exceed five (5.00) ounces, 18 wheel trucks max is twenty two (22.00) ounces. We use one scale for all cars. Our scale is the official scale for this event.
- Misc:** Vehicles must free wheel with no stored energy or movable weights. The kit has no designated front or back to the supplied body, either end may be the front.
- Race Redos:** Occasionally a heat needs to be rerun. Cars that jump the track and interfere with other cars, bad heat times, gate malfunctions, etc. Race reruns will be determined by race officials at the start gate, finish line, or the scoring table.
- Car Numbers:** Numbers are assigned at check in. The vehicle number will be placed on the rear of the vehicle to designate the back.

