

2024 Pack 3025 Pinewood Derby Rules and Regulations

Derby Car Kits: Only the official BSA Pinewood Derby Kit will be allowed to compete in the Races, no precut kits. Paint, decals, accessory trim pieces, and weights are allowed as long as their use complies with the inspection rules.

Each car must pass inspection by the official inspection committee before it will be allowed to compete. The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications. Once cars have been registered, weighed, and certified, they will remain in the hands of race committee until the end of the competition.

Scout Class (and Sibling Class)

1. Current year's car (constructed in the last 12 calendar months).
2. Car size:
 - a. **Maximum 5 ounces in weight**
 - b. **Maximum length of 7 inches**
 - c. **Maximum width 2¾ inches**
 - d. **Minimum ground clearance of 3/8 inches**
 - e. **Maximum height of 4 inches**
 - f. **No altering of wheel base length. Axles may be moved from original location no more than ¼" from where the slots would normally be located, however the distance between the axles must be unchanged.**
3. Wheels
 - a. **Must use scout wheels** (the wheels that come with the kit from the scout office).
 - b. **No hubcaps**
 - c. **Dry lubricant only and applied outside prior to weigh in**
 - d. **Use scout axles** (the axles that come with the kit from the office).
 - e. **No beveling, rounding or altering of the tires other than sanding to remove burrs**
 - f. **All four wheels must contact a flat surface upon which the car rests**
 - g. **No bearings, washers, or bushings allowed**
4. **No liquid or moving weights**
5. Once checked in the car does not leave the pit except for racing or for repairs approved by race officials.
6. **Center of the car's front must be even with the front of the vehicle to allow for correct placement of the starter pin. When the car is loaded on the track against the starter pin no part of the car may extend past the starter pin.**
7. **Any weight added must be firmly attached to the car.**
8. **Cars powered by gravity only.**
9. Car numbers will be assigned day of race and applied to the car with stickers provided by the race committee. Cars shall not have numbers applied by the builder.

Open Class (adults)

1. Current year's car (last 12 calendar months).
2. Car size:
 - a. Maximum 8 ounces in weight.
 - b. Maximum length of 7 inches
 - c. Width 2¾ inches
 - d. Minimum ground clearance of 3/8 inches
3. Wheels
 - a. Dry lubricant only and applied outside prior to weigh in.
4. Car may leave the pit between races for maintenance or other necessary attention.
5. Center of the car's front must be even with the front of the vehicle to allow for correct placement of the starter pin. When the car is loaded on the track against the starter pin no part of the car may extend past the starter pin.
6. Any weight added must be firmly attached to the car.
7. Cars may be powered by other means than gravity only. Power by combustion or other chemical reactions that provide thrust from hot exhaust, or open flames for any reason is not allowed.
8. Car numbers will be assigned day of race and applied to the car with stickers provided by the race committee. Cars shall not have numbers applied by the builder.