

PACK 570 - 2019 PINEWOOD DERBY RULES AND REGULATIONS

1. Cars must be made from the official BSA pinewood kit and must be made new for the 2019 race.
2. No specialty wheels or axles may be purchased from the internet or other vendors. Scouts must use the chassis (the wood block), axles, and wheels that came in the official BSA kit.
3. Decorative items may be purchased from any source and used as long as the car passes all other inspection criteria.
4. No magnets or metal devices allowed anywhere on the car. No loose materials of any kind are allowed in or on car.
5. DIMENSIONS
 - a. Maximum width (wheels & axles) - 2.75 inches
 - b. Maximum width between wheels - 1.75 inches
 - c. The wheelbase (distance between the centers of the front and rear axles) must measure between 4 3/8 and 4 5/8 inches.
 - d. Maximum length - 7 inches
 - e. Maximum height - 6 inches *** See District Note Below
 - f. The entire car must stage behind the starting pin.
 - g. The underside of the front of the car may not be undercut so as to allow the cars nose to hang out over the top of the starting gate. If the nose protrudes over the starting gate and the official starter is not able to adjust for a fair start, the car will not be allowed to race
6. WEIGHT
 - a. Maximum weight - 5 ounces (141.75g)
 - b. Official weight will be determined by official race scale on race day.
7. WHEELS & AXLES
 - a. Only official Scout Grand Prix wheels and axles are allowed. Wheel colors may vary as long as official BSA tire markings are visible.
 - b. Wheels cannot be modified.
 - c. No wheel bearings, washers, bushings, or springs.
 - d. Wheels may be lightly sanded to remove mold projection. No other wheel changes allowed.
 - e. Wheels must be completely visible.
 - f. Axels may be polished.
 - g. Axle slots must be visible. Do not cover or fill groove completely.
8. LUBRICATION
 - a. Only graphite powder or the BSA white lube (T102 / polytetrafluoroethylene) may be used to lubricate wheels.
 - b. Lubrication must be applied outside of the building and the car wiped clean before it is brought to the race.
 - c. Once the car has been inspected, it may not be re-lubricated, except when the wheel is damaged or becomes dislodged during a race.

The scouts will vote for Pinewood Derby Car awards in the following three categories.

1. Best Scout Theme
2. Best Sports Team Theme
3. Most Unique Design

Important Dates:

- March 21st Thursday - Optional Pinewood Derby Car weigh-in at the school from 6:30 pm to 8:00 pm.
- March 23rd Saturday - Pinewood Derby at the Brookside Care Center, 3506 Washington Road, Kenosha, WI 53144 running from 10:00am to approximately 12:30pm.