

## **SANTA FE DISTRICT, TRINITY TRAILS, & JERRY DURANT CHEVROLET BUICK GMC OF GRANBURY PRESENTS:**

2025 Dual District Pinewood Derby. Saturday, February 08, 2025. The location is First Christian Church of Granbury, 2109 W US Hwy 377, Granbury, TX 76048.

### **TROPHIES AWARDED**

- Speed: First, Second, and third places in each rank
- Speed Overall: First, Second, and Third
- Design: Most Realistic, Most Creative, Best Scout Theme, Sportiest, Most Colorful, Most Patriotic, Best Workmanship, Dealer's choice
- "Pit Crew" favorite design in each rank.

All cars will run in each lane and against the clock.

CHECK-IN TIME 9:30 A.M. – 11:00 A.M., CHECK-IN ENDS AT 11:00 A.M. RACE TIME 11:00 A.M. – Done, and TROPHIES AT 2:30 P.M.

### **IMPORTANT POINTS**

- A workspace or pit area will be provided if your car does not pass inspection, but it will not be manned. Extra weights or parts will not be provided.
- The race crew will not allow any fixes during the race.
- Once a car is checked into pit row, it will need to remain until 2:00 P.M. for judging and trophies.
- No further changes or repairs can be made. Please get all pictures before the car is checked in. Only the race crew in the pit row.
- All cars must have the scout's name, rank, pack number, and district on the bottom written in Sharpie.
- If the car does not meet any of the listed design, measurement, or weight requirements, it will not race and will only compete in the design categories.
- If you have questions, please contact John Hughes at [johnfhughes1966@gmail.com](mailto:johnfhughes1966@gmail.com) or (817) 776-6215.

### **RULES**

PINEWOOD DERBY Invitational RULES;

- Use the rules that are in the official BSA Pinewood Derby Kit.
- All cars in all categories must abide by these rules.
- Official: BSA Wheels must be used, and Wheels May Not Be Modified in any way.
- The scout must assemble the car with adult help and/or supervision as necessary during the 2024-2025 School year.
- You will be disqualified if the car does not pass inspection to fit on the track.
- Races will be a timed race.
- First, Second, and Third place speed winners for each rank will compete in the Overall Race.

The purpose of the Pinewood Derby project within the Scouting program is to offer an opportunity for the Scout to spend quality time with a parent or mentor, fostering a stronger relationship while learning important skills. Developing the vision and skill to change a block of wood into a functional design, decorating it in an imaginative way, and gaining a basic understanding of the mechanics of the car constitute 90% of the goal of this program. Participating in the race and having the opportunity to compete make up the other 10%.

### **CAR CONSTRUCTION RULES**

- MATERIALS – Official BSA Pinewood Derby Kit from Scout Shop
- Official BSA wheels must be used. Colored BSA Wheels are acceptable.
- Official BSA axles (nails) must be used.
- The car must be cut from the wood block furnished with the car kit.
- However, you may add details and wood to come up with your final design

### **LENGTH, WIDTH, CLEARANCE**

- Maximum overall width shall not exceed 2 ¾ inches.
- The minimum width between wheels shall be 1 ¾ inches.
- Minimum clearance between the bottom of the car and the track shall be 3/8 inch. Failure to follow this instruction may cause the car to drag on the lane strip.
- Do not put flat weights on the bottom of the car without verifying clearance.
- Maximum length shall not exceed 7 inches.
- The wheelbase (distance between the front and rear axles) may be altered as long as the overall length does not exceed the 7-inch maximum.

### **WEIGHT & APPEARANCE**

- Weight shall not exceed 5 oz. (141.7 grams). (If it is over 5oz when turned in, the car will not race but will compete for design awards.)
- Double-check the weight of your car. If your unit does not have a scale, it can be weighed at the post office.
- The reading of the official race scale will be considered final.
- The car may be built up to the maximum weight by the addition of wood or metal only, provided it is securely built into the body or firmly affixed to it.
- No sliding or moveable materials of any kind are permitted in or on the car. Also, live rounds of ammunition can not be used as a weight.
- Mercury shall not be used for adding weight.
- Details such as steering wheel, spoiler, decals, painting, and interior details are permissible. These details cannot make the car exceed the maximum length and width specifications.
- Please remember not to put weights on the bottom of the car. Bottom clearance must be 3/8" or more.
- Cars with wet paint or wet glue will not be accepted.

### **WHEELS & AXLES**

- Wheels must be Official BSA Wheels and must not be modified in any way. > Axles cannot be modified except to remove casting defects only.
- Wheel bearings, washers, or bushings are prohibited.
- The car shall not ride on any type of spring.
- The car must rest freely on the starting pin, with no magnets, adhesives, starting device, or any other propulsion.
- At least 3 wheels must touch the track. Nothing may intentionally touch the guide rail on the track.
- All 4 "drive" wheels must spin freely.
- Wheel width cannot be changed from the original .313" or 1.185" circumference.

### **LUBRICATION**

- Only dry, powdered lubricants, such as graphite, may be used.
- Lubricant must be added prior to the final weigh-in, with no exceptions. This must be applied before the car is brought into the race. Race Crew will not apply lubrication for you.

### **PIT REPAIRS**

- There will be no pit repairs. Please ensure your car is well assembled before turning it in.



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