



**Thank you** for registering to participate in the first annual Pinewood Derby Challenge! You can look forward to a fun time while supporting Scouting in the Wiregrass. The following information will help you get the most out of this exciting event.

**Race Day:**

**Date: Tuesday, April 2, 2019**

Location: Mercedes-Benz of Dothan Showroom

Time: Check-In 6:00pm Who: Everyone on your race team, plus other supporters are welcome to attend

**Check-In:** Please arrive at Mercedes-Benz of Dothan at 6:00pm with your car ready to race. At Check-In, your car will be weighted, measured, and impounded. If your car exceeds the 5-ounce weight limit or any other specification, you'll have an opportunity to make necessary adjustments to qualify.

**Get the Car Kit:** Your entry fee includes the Official BSA Pinewood Derby Car Kit #17006 (2 kits for Stations Sponsors). Pick up your kit and at the Scout Service Center, 6801 W. Main Street, Dothan, AL 36305 M-F 8:30am-5:00pm. If you can't pick-up the kit, give us a call at 334.793.7882 and we'll make arrangements to get the kit to you. Please note that only the Official BSA Kit can be used for this race. See car rules below.

**How to Build a Car:** Building a pinewood derby car is a fun project. Cars can be simple or elaborate. Here is a great BSA website on design ideas: <https://boyslife.org/hobbies-projects/projects/2952/speed-secrets/>

**Car Design Rules:**

- A. Car must be constructed from the Official Grand Prix Pinewood Derby® Kit #17006.
- B. After market official BSA replacement wheels are allowed, however, purchased thinned wheels or high-performance wheels are prohibited.
- C. Wheels may be sanded to smooth out molding imperfections and to improve performance. Original wheel width must be maintained.
- D. Axles must be the nails supplied in the official derby kit. No use of solid axles or other materials.
- E. Wheel bearings, washers, bushings, springs or other similar devices are prohibited.
- F. Hubcaps are prohibited.
- G. Car must be freewheeling, with no starting devices.
- H. Loose materials of any kind on the car are prohibited.
- I. Details to improve appearance are allowed, provided they do not exceed the car dimension limits.
- J. Car Limits: Weight 5.0 ounces, Width 2 ¾ inches; Length 7 ½ inches; Height 6 inches; Wheelbase (distance between front & rear axles) limit 4 ¾ inches; Minimum clearance under car of 3/8 inch to allow clearance of track
- K. Axles may only be lubricated with powdered graphite or powdered Teflon. Liquid lubricants are prohibited.

**Questions:** If you have any questions, just let us know and check out our website: [www.BSA3.org/PinewoodDerby](http://www.BSA3.org/PinewoodDerby)  
Again, thank you for your support.

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