



2018 World Championship Pinewood Derby

Rules FAQ

CAN I BEND AXLES AND QUALIFY FOR STOCK CAR OR PRO STOCK DIVISIONS?

- No. Bent axles are not allowed in either racing class. Although canted axles are allowed in both. A canted axle is straight throughout its length. A bent axle has an angle somewhere along its length.

ARE AFTERMARKET AXLES ALLOWED?

- No. No aftermarket axles are permitted.

DO THE WCPWD INSPECTORS PULL AXLES FOR INSPECTION?

- No. But if axles are suspect, the racer will be asked to pull them for inspection and that racer will be responsible to re-install them.

ARE LIONS ELIGIBLE TO PARTICIPATE?

- The Lions program was still in its pilot phase during the 2017-18 program year, so they are not included in this year's competition. However, this coming fall, Lions will move from pilot to full-time part of the Cub Scout Program. So next year, Lions will be competing in the World Championship Pinewood Derby and have their own rank trophies just as Tigers, Wolves, Bears, Webelos I and Webelos II Cub Scouts have now. They will also have to adhere to the same rules and regulations as all other participants.

CAN WHEEL TREADS BE LATHED?

- Yes, within the confines of the minimum wheel diameters noted in the rules document. The document says the wheels can be sanded, shaved, or polished to remove imperfections. It doesn't say they can't be lathed if that's your chosen method.

DO ALL WHEELS HAVE TO BE FLAT ON THE TRACK?

- The rules doc does not say that the wheels must be flat on the track, but they all have to be touching the track.



CAN I USE OIL INSTEAD OF GRAPHITE TO LUBRICATE AXLES?

- A big NO. If graphite is not evident, or oil is suspected, graphite will be applied to all wheels by the inspection team.

ARE AXLE VISIBILITY HOLES REQUIRED?

- No. They were in prior years but not for the 2018 race.

WE PURCHASED OUR CAR FROM MICHAEL'S AND IT SAID IT WAS OFFICIAL BOY SCOUT DERBY CAR KIT. WILL THIS QUALIFY?

- No. It had a copyright symbol next to the words Pinewood Derby since that is owned by the BSA, but that does not indicate it is an official BSA car kit.

ARE FENDERS ALLOWED?

- Yes. Provided they do not extend beyond the 2 and $\frac{3}{4}$ inch overall car width restriction and maintain under car clearance of $\frac{3}{8}$ of an inch.

IS THERE ANY ALLOWABLE TOLERANCE FOR WHEELS EXTENDING BEYOND THE BODY OF THE CAR IN PRO STOCK?

- No. In Pro Stock, wheel base can be modified. But no part of the wheel can extend beyond the front or rear of the car body proper.

ARE AIR DEFLECTORS OR AIR SHIELDS ALLOWED?

- No. These common names fall under the category of inner wheel air dams or wheel covers.