



Quick Assembly Car Kit

Your Lazer Pinewood Derby Car kit includes:

- A primed, pre-weighted and pre-drilled pinewood derby car block
- A set of BSA Speed Wheels, lightly precision lathed from Pinewood Pro
- A set of Polished BSA Axles from Pinewood Pro
- PRO Axle Inserter Guide Tool
- A Wheel Spacer gauge for gapping your wheels, if needed, after they are installed
- Dry powdered PRO Graphite with our special blend of sub-micron molybdenum disulfide

1. Paint Your Car

The car body is primed and ready for paint. Paint your car before installing the axles and wheels.

2. Install the Axles and Wheels

Follow the instructions in the Axle Guide package to insert your axles and wheels. Be sure to push the axle all the way in until the wheel meets the metal wheel spacer on the Axle Guide.

NOTE! Once you have your axles inserted and spaced, drop a dab of glue near the pointed part of your axles to avoid your car from getting knocked out of alignment. **DO NOT** let the glue get near the wheels!

3. Lubricate your Axles to reduce friction

Squirt graphite into both sides of the wheel where the axle goes through the wheel. This reduces friction where the wheel rotates on the axle. Spin your wheels to work in the graphite. Repeat this several times to be sure you have lots of graphite on your axles and inside the wheel bore.

NOTE! Graphite is messy! When applying graphite, be sure to do it over newspaper and in a safe area away from food and where children play.

Speed Option - Raise one wheel for extra speed!

Your car block includes an extra drilled hole above the front left wheel hole. If your rules allow, you can insert your axle into this hole to raise the left front wheel...your car will actually roll fine on 3 wheels! Raising one wheel will make your car faster. Read your rules. If your rules say, "*All four wheels must touch the track*", then use the lower hole. You can fill the extra hole with wood putty or just leave it.

That's it! Your car is ready to race.

Have fun and don't forget to share your story on our Facebook page

www.facebook.com/pinewoodpro

You can also email info@pinewoodpro.com with your story and pictures

Questions? Call us! 203-400-3713