

# Do You Know How A Pinewood Derby Kit Gets Made?

Sure, you might know how a Pinewood Derby *car* gets made, but how about the actual *kit*?

“Who knows how a Pinewood Derby kit gets made?”

Shhh. Put your hands down. Signs up!

Okay now. Yes, you know how to build a kit, but do you know how that kit gets made?

Well, true to form, *Scout Life* magazine (yes, it's the same publication you read as *Boys' Life*) has the answer.

## From Forest to Finish Line

*SL's* Bryan Wendell wrote:

*Even before you open the box, your Pinewood Derby car has traveled thousands of miles. The journey begins in a forest in Idaho. The wood blocks travel to Indiana, where they are packaged and shipped. Finally, they arrive at your local Scout shop. The rest is up to you and your parents or guardians. Cutting, sanding, painting and racing is the best part.*

I must recommend the whole article, because the photos are pretty cool.

But they included a video, which is pretty cool, too – all 73 second of it:

Making a Pinewood Derby Kit in Just 73 Seconds

However, for those of you who are still reading along and could use some real tips on assembling the kit, we can help

there, too.

In this vintage video, "A former NASA engineer explains 7 steps that are scientifically proven to help you build a fast Pinewood Derby car for your next race."

Scout Life magazine presented the below video in 2014.

The Science of Making the Fastest Pinewood Derby

Meanwhile, if you weren't quick enough, check out the 7 steps, below:



**7 Key Steps**

1. Max weight ~1" in front of rear axle
2. Reasonably aerodynamic
3. Ride on 3 wheels
4. Lightweight wheels
5. Bent polished axles
6. Railride/alignment
7. Lots o' graphite

The image on the right shows a man wearing a red baseball cap with a white logo and a black t-shirt with a graphic of a Pinewood Derby car. He is holding a small, dark-colored Pinewood Derby car in his hands. The background is slightly blurred, showing other people in a room.