

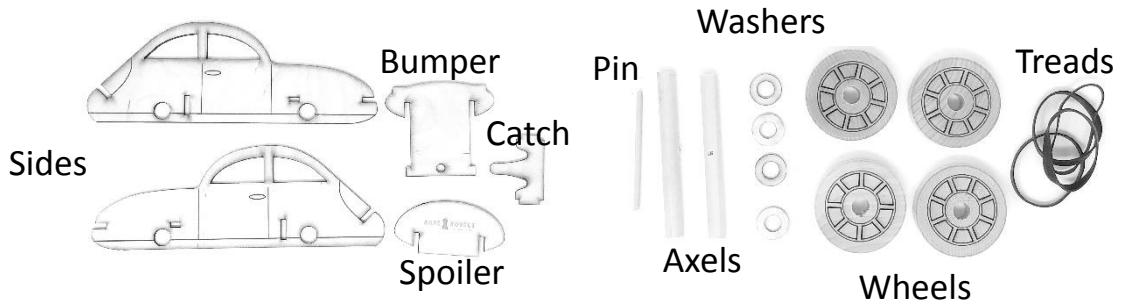


Rubber Band Racer

Assembly Instructions

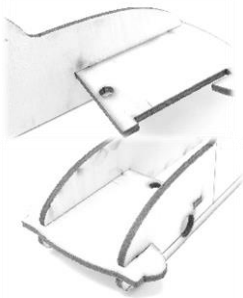
For ages 5 years to infinity!

Your Rubber Band Racer kit includes the wooden and rubber band pieces below. All you'll need is some glue, Elmer's or a faster drying wood glue will work, a small hammer, about 15 minutes and some imagination for how you'll decorate your new racer when it's dry. Don't forget to share your creation using #UnlockImagination!



Getting Started. Building the Rubber Band Racer can be just as much fun as playing with it afterwards. A couple key things to remember are:

1. All parts fit snug and only need a small amount of glue over the contact surfaces to ensure solid construction. Consider fitting car body parts together first without glue as practice.
2. Build the body first and allow time to dry before installing your axels.
3. Any rubber band will do for the drive band – try different bands to see how it affects your racer's performance.



Step 1. We'll install the Bumper first. Apply glue to the cut edge of Bumper that will contact the car Side, along with a little more glue on the small tab at the rear of bumper. Push the Side into the Bumper slot; this will take some force and it's in when the tab snaps into the hole on the car Side. Now repeat by gluing and sliding the other side into the Bumper.



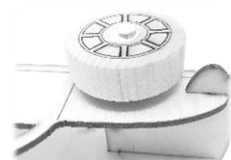
Step 2. Next we'll install the Catch. This is a secure connection between Sides and the catch for the rubber band that drives the rear axel. Apply glue to the sides of the Catch tab that will contact the tab hole in the sides. Fit the Catch, snug the sides firmly on and proceed to step 3.



Step 3. Next we'll install the Spoiler. This helps hold both Sides tight together at the rear, the way the Bumper holds at the front. Apply glue to the inside cut edge of grooves on both sides, and slide the Spoiler all the way into the grooves. Now, set the car body aside to dry and begin the wheels.



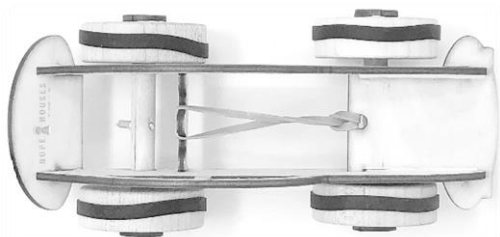
Step 4. Use sand paper to slightly round over both ends of each axel. Next, insert the axel into the Wheel so axel extends slightly through front of wheel. Apply glue to the extended axel, twist the axle in the wheel to spread glue, and then fit the washer over the end of Axel. Snug the Washer to the wheel ensuring there is glue between Washer and wheel. You might need some light taps from a hammer to seat the Washer flush with the end of the Axel. Repeat this for second Axel.



Step 5. After the car body has dried, we'll install Axels the same as above after first inserting the dowel through the holes in car Sides. Be sure to get glue where Wheel, Axel and Washer contact, and avoid getting any glue where Axel will contact the holes in Sides.



Step 6. The car is driven by a rubber band that temporarily hooks onto the Pin in the rear Axel. Dip the end of the 1/8" inch dowel into some glue and insert the Pin into the hole drilled in the rear Axel (only rear axel gets a Pin). Be sure this is deep into the Axel and does not extend out the other side. Now with snips, break off the extra dowel leaving ¼ inch or less of the Pin. The wheels should spin free without the Pin hitting the Catch.



Last. Slip the Treads over the wheels to increase traction on hard floors. Attach a drive band to the round hole in the rear of the bumper. You're ready to take this racer for a test drive!

Drive Time. Hook the drive band over the Pin in the rear axel and twist the wheels or roll the car backwards to wind the band. Release and you're off to the races!

*You DIY did it! Don't stop there because now the fun really begins. Show your friends, race a pal, and visit **HopeHousesWorkshop.com** to look for other handmade inspiration including dollhouses, treehouses and vintage wooden toys.*