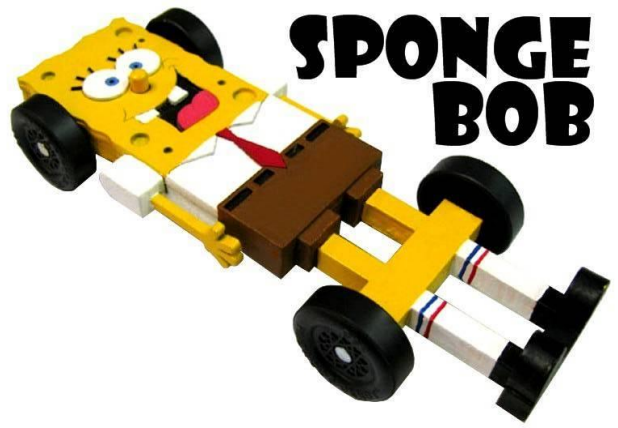


SPONGE BOB PINWOOD DERBY CAR



DERBY MONKEY GARAGE PINWOOD DERBY CAR KIT BUILDING INSTRUCTIONS



SPONGE BOB

- I. Use an Exacto knife or razor blade to carefully cut the hold tags on each wooden part. Carefully remove each part. You can punch Sponge Bob's nose out of its block with a screwdriver. Sand and/or trim each part as needed
- II. Glue body panels, shoes, arms, shoulders and nose to the frame as shown in Fig - 1. Then glue the pants, tie, collar and eyes on the appropriate etchings on the outer body panel. (You can paint the body parts before or after they are glued to the body)
- III. Install the tungsten cubes in the weight compartments underneath with glue and allow to dry completely.
- IV. Using coarse grit sandpaper (100), perform any sculpting that you would like such as rounded legs, rounded edges, etc.
- V. Sand car body with fine grit sandpaper (220) then extra fine grit (400).
- VI. Apply primer/sealer to the car body and allow to dry completely.
- VII. Sand with extra fine grit sandpaper (400 to 600).
- VIII. Repeat steps V and VI until the finish is smooth and wood grain is no longer visible.
- IX. Apply paint and allow to dry completely.
- X. Apply a gloss/clear coat and allow to dry completely.

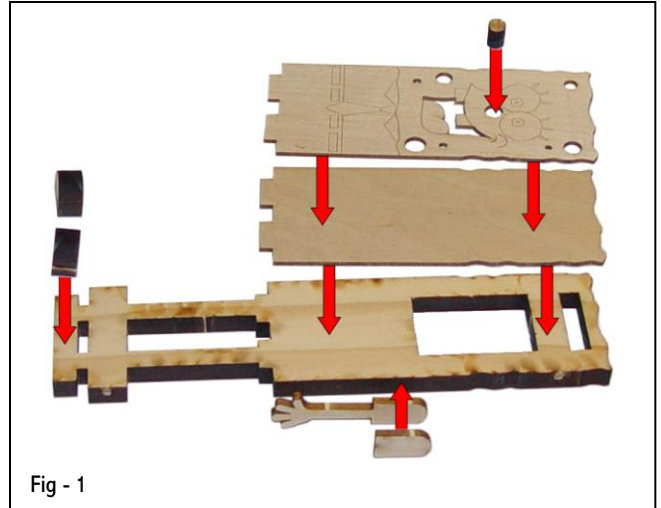


Fig - 1

XI. Prepare the Axles

- A. If your kit includes stock BSA axles you may need to file away any visible crimp marks on the axle shaft and the inside of the axle head.
- B. Then you should polish the axle shaft and head with extra fine sandpaper up to at least 600 grit. For an even better finish you should polish your axles with up to 12,000 grit sandpaper.
- C. For how-to videos and instructions on axle preparation you should go to FastPinewoodDerbyTips.com
- D. If your kit includes our Derby Worx Pro BSA Speed or Grooved axles then they have been pre-polished using up to approximately 600 grit sandpaper. These are ready to race as is. However, they can be improved with a thorough polishing up to 12,000 grit sandpaper and finishing off with Monkey Jam Premium Axle Polish.
- E. If your kit includes our nickel coated axels then they are already super smooth and ready to race. Again you can further polish these axles by using 6,000 to 12,000 grit sandpapers and polish.
- F. You might want to check out the several axle polishing kits at DerbyMonkey.com
- G. Place a 1 to 2 degree bend in right front axle at the point where the axle extends from the body.
- H. If you're going to cant your axles then you should do so after the axles have been polished.

XII. Prepare the Wheels

- A. The speed wheels included in your kit require very little preparation.
- B. It is a good idea to polish the wheel bore using Micro-Gloss according to the instructions.
- C. Clean the wheels thoroughly

XIII. Lubricate Wheels and Axles According to Race Rules

- A. If using graphite: More is Best... Pack the wheel bore with graphite. Place axle in wheel bore and spin wheel several times. Then pack the wheel bore with
- B. graphite again.
- C. If using oil such as Krytox: Less is Best... Place two small drops on axle. Place axle in wheel bore and spin wheel several times. Remove wheel. Wipe off excess oil from axle.

XIV. Install the Wheels and Axles and Align the Car

- A. Straight Alignment: Roll the car on a flat and slightly inclined surface. By turning the right axle with plies, adjust the alignment until the cars rolls perfectly straight over a distance of six feet.
- B. Rail Riding Alignment: Roll the car on a flat and slightly inclined surface. By turning the right axle with plies, adjust the alignment until the cars rolls to the left one inch over a distance of six feet.

Required Tools & Supplies

Wood Glue and Wood Filler
Sandpaper 100, 150, 220 & 400 grit
Primer/Sealer – Spray or Brush
Body Paint – Spray or Brush
Exacto Knife or Razor Blade
Safety Glasses and Dust Protector

**IF YOU NEED ASSISTANCE WITH THIS KIT PLEASE CONTACT THE DERBY MONKEY
WWW.DERBYMONKEY.COM**