

# LUGE PREMIUM RACER SET

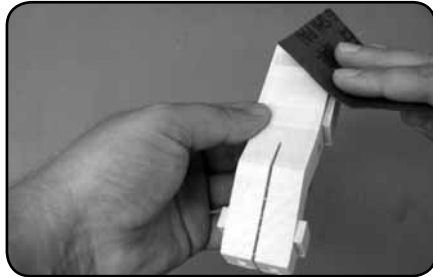
## Contents

- |                                |  |                                       |
|--------------------------------|--|---------------------------------------|
| 1. (1) Precut Wood Block       | 6. (1) Foam Brush                          | 11. (1) Left Hand                     |
| 2. (4) Axles                   | 7. (1 each) .67oz (20mL) Red & Clear Paint | 12. (1) Right Hand                    |
| 3. (4) Wheels                  | 8. (1) Helmet                              | 13. (1) Decal Sheet                   |
| 4. (1) Stick-On Chassis Weight | 9. (1) Left Foot                           | 14. (1 each) Sandpaper 120 & 220 Grit |
| 5. (1) Small Brush             | 10. (1) Right Foot                         | 15. (1) Pinewood Derby® Tips & Tricks |

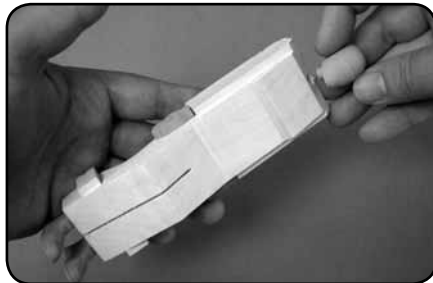
**WARNING:**  
**CHOKING HAZARD** — Small parts.  
Not for children under 3 years of age.

**Read the entire instruction sheet before beginning assembly. Adult supervision is required!**

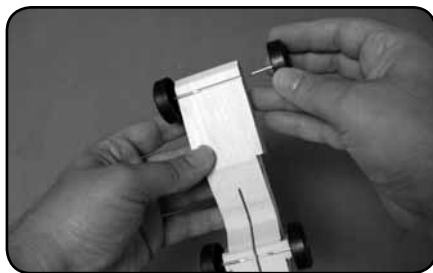
## 1 Assembly Instructions



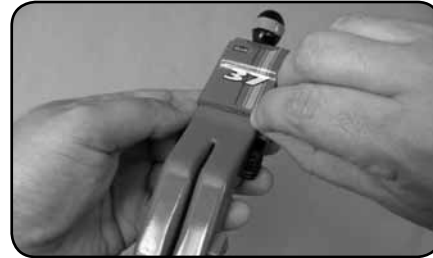
1. Sand the body using coarse (120 grit) sandpaper first, followed by medium (220 grit) paper. Optional: to smooth out the body, use finer paper.



2. Test fit the helmet, hands and feet. Sand as needed for proper fit. Set them aside for later use.



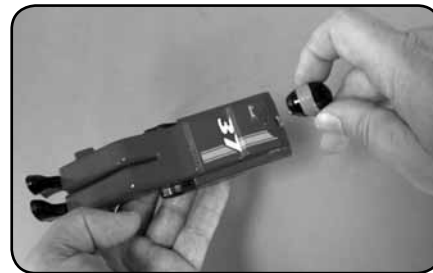
3. Test fit the wheels and axles for proper fit. Adjust as needed. Set them aside for later use.



2. Test fit the decals with the backing still on. Once you are sure of their placement, peel off the backing and apply.

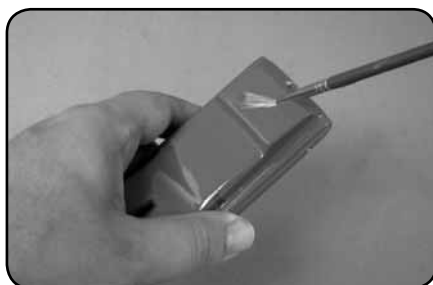


3. Use a foam brush to apply an even layer of clear coat. Extra layers can be applied if needed.



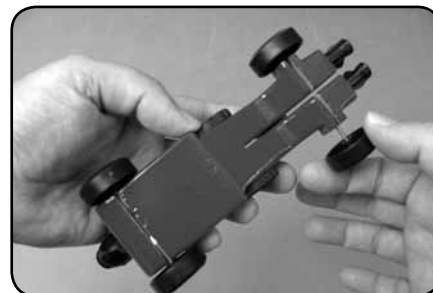
4. Glue<sup>1</sup> on the helmet, hands and feet.

## 2 Detail the Body

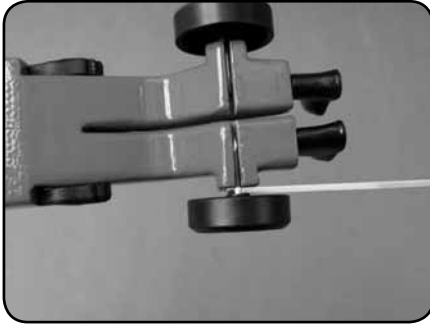


1. Clean all dust from the body. Apply a thin coat of paint as evenly as possible. When dry, use fine sandpaper to lightly scuff the paint. Apply additional coats

## 3 Installing the Wheels and Axles

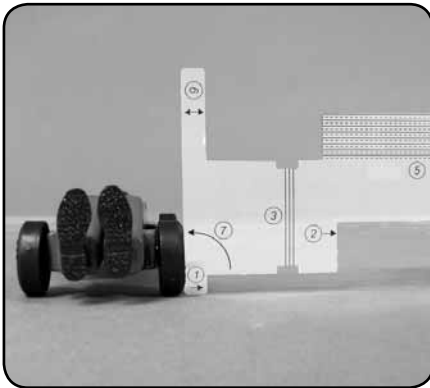


1. Place a wheel on each of the axles, and press them into the axle slots on the bottom of the car.



**2.** Space each wheel to have a small gap. Place the wheel adjustment tool<sup>2</sup> between the body and the wheel. Move the axle and wheel until the tool fits snugly between the

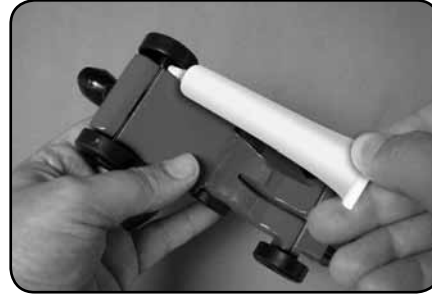
inside of the wheel and the outside of the body.



**3.** Place the car on a smooth, flat surface. Place a wheel adjustment tool<sup>2</sup> with the camber check section against the face of the wheel. Adjust each axle to make the wheels parallel to the edge of the adjustment tool.

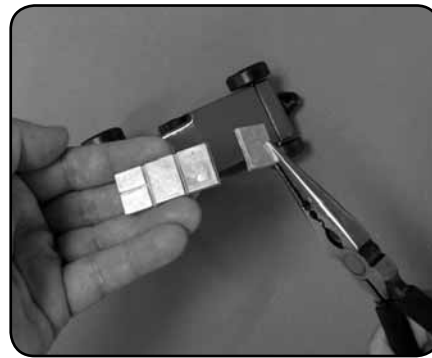


**4.** Apply graphite powder<sup>3</sup> between the inside of the axle head and outside of the wheel. Slowly turn the wheel and shake the car to work the powder into the wheel.

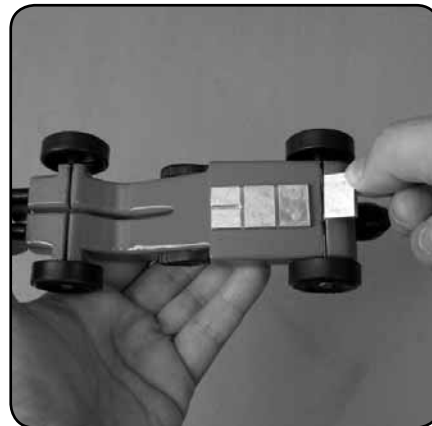


**5.** Apply graphite powder<sup>3</sup> to the inside of the wheel where it makes contact with the body.

## 4 Weight the Car



**1.** Weigh the car with all the parts installed. Use a pair of pliers to break off as many sections of weight as needed to meet the 5 oz (141 gram) limit.



**2.** Attach the weight to the bottom of the car with double sided foam tape.

1 We recommend Revell Glue and Gap Filler (RMXY9617)  
 2 We recommend the Revell "Official Pinewood Derby® Wheel Adjustment Tool™" (RMXY9616)  
 3 We recommend Revell Graphite Powder (RMXY9614)