

# Turbo Puck Instructions

Proper weighting is crucial to a FAST Pinewood Derby Car. The goal is to put as much weight as far back in the car while maintaining stability. Use the scale and Turbo Pucks to balance the car.

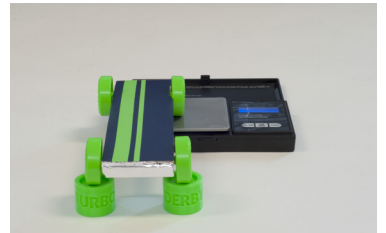
# 1

Get an idea of how much weight you need to bring your car to the weight limit (typically 5oz, or 143 grams). You can use one Turbo Puck to balance the car on the scale to determine the total weight. Make sure you place the single Puck on the scale and then press the "Tare" button. This zeros the scale.



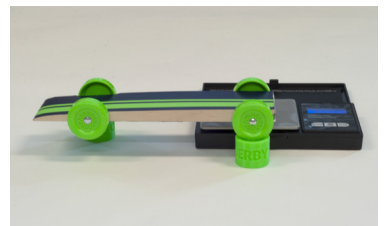
# 2

Measure the amount of weight on the right front wheel by placing the rear wheels on the Turbo Pucks.



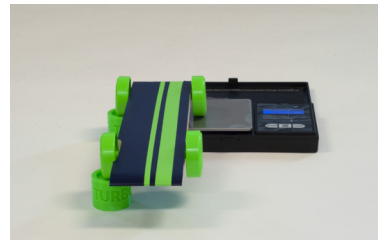
# 3

Measure the amount of weight on the right rear wheel by placing the front right and rear left wheels on the Turbo Pucks.



# 4

Measure the amount of weight on the left rear wheel by placing the front right and rear right wheels on the Turbo Pucks.



# 5

Adjust the weight location to achieve the desired weight distribution.

## Target Weight Distribution

These are general target values for weighting based on track conditions. There are many factors that need to be considered when weighting the car including track conditions, steer amount, design of car body etc.

Wood or rough metal track:

Decent metal track (most Scout tracks):

Smooth metal track (some Scout tracks):

