

Wheel Balancer Instructions

The Turbo Wheel balancer is a VERY sensitive tool. It takes time, patience, and practice to use correctly.

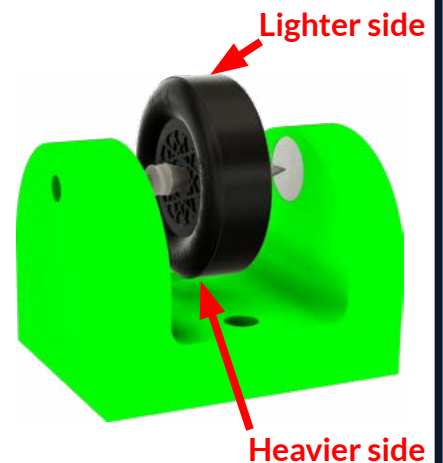
1

Remove the rubber grommet and the sliding conical piece from the pin. Insert the pin through the wheel bore/axle hole. Be careful not to scratch the inside of the wheel as the tip is sharp. Replace the cone piece and slide the grommet back on. Make sure the cones are centered in the bore, and push the grommet(s) snugly into position behind the cone to fix the wheel in place.



2

Place the wheel/pin in the balancer between the two magnets (one of the pin tips will contact one of the magnets) and give it a gentle spin. Allow the wheel to come to a complete stop. Note where the wheel stops, aligning the lettering around the outer sidewall to the top of the balancer as a reference. Repeat this process 2-3 more times, noting where the wheel comes to rest each spin. If it stops in relatively the same place each time, the wheel is out of balance. The lighter side will be oriented at the top, the heavier side at the bottom.

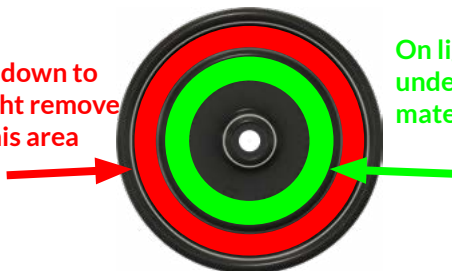


3

To balance the wheel, material must be removed from the heavy side. Remove the wheel from the balancer by grabbing it in the 9:00 and 3:00 positions with your fingers. Place the wheel on the edge of a block or table so the pin hangs off the edge. With your fingers as a reference, use the material removal tool to “drill” into the inner sidewall or inner face of the wheel at the 6:00 position (this will be the heavy spot). Be conservative with your material removal. Use the tool to scrape away any burr it causes, and blow on the wheel to make sure any loose plastic shavings are removed. Place the wheel back in the balancer and spin again. Continue repeating steps 2 and 3 until the wheel routinely stops at different positions when spun, indicating a balanced wheel.



On stock wheels down to approx. 2g in weight remove material along this area



On lightened wheels under 2g remove material along this area

