

Pinewood Derby Scale Instructions

My Weigh Triton T2 550g (myweigh.com)



The scale should be on the desk with the cover removed and used as a tray resting on the measurement pad. The protective cover of the Triton is designed to also be used as a tray. The cover can only be removed when the scale is fully open. Fully open the scale to unlock the cover and slide towards the left of the scale.

- Turn the scale on (press the red button) with the cover on the pad as pictured.
- Wait for the self-test to complete, the display will then show 0.0
- Check the scale by weighing the test 5.0 oz weight
- Place a pinewood derby car in the tray to weigh and wait until the display stabilizes
- **Cars weighing less than 5.049 pass, cars more than 5.050 are not accepted and fail**
(This scale is extremely accurate, it can weigh a grain of rice. 5.049 to is considered as rounded down to 5.0 for the derby)

Rules and Suggestions

- It is highly suggested that you **build your car so that it weighs less than 5.0 ounces** and that you add a small amount of weight at inspection. Tungsten putty can be purchased at www.scoutstuff.org to add the exact amount of weight needed to your car.
- The display may wander slightly due to the extreme sensitivity of the scale. **Make sure no one is bumping the table!** The correct reading is achieved when the readout becomes stable.
- It may be necessary to offset the tray on the pad due to the center of gravity of the car.
- Check that the scale remains at zero after a car is removed, if the scale does not read zero when empty turn it on and off to reset.
- Once the car has been weighed and inspected the Scout should place the car on the display table. **No one else is allowed to touch the car from this point on except for the Scout.**
- After the inspection nothing may be modified on the car & additional lubricant or graphite **cannot be added.**
- Parents may help with repairs at the discretion and supervision of the Cubmaster, for example a wheel has fallen off a car.
- This scale is available for purchase on Amazon.com for approximate \$15

The scale use 3 AAA batteries (*batteries should be removed from the scale following Council finals*)

Questions? Contact Marc Ducret at 203-514-2141 or marc@ducret.com