

HUDY

HUDY UNIVERSAL TIRE BALANCING STATION

The HUDY Universal Tire Balancer allows you to balance touring car and off-road vehicle tires. All types of cars can be negatively influenced by unbalanced tires, including electric or nitro touring cars, 1/8 rally cars or off-road cars. Unbalanced wheels give unwanted vibration to the shock absorbers and have negative effects on traction and stability. The HUDY Universal Tire Balancer allows you to exchange and use different wheel adapters to fit either 1/10 touring car wheels, 1/5 wheels or 1/8 off-road, truggy or rally wheels.

Rubber tires with inserts are particularly prone to imbalance due to their assembly and gluing process. Foam tires may also be unbalanced and as such it is suggested to use the HUDY Universal Tire Balancer to check and balance every type of wheel used.

The HUDY Universal Tire Balancer allows you to find the unbalanced part of the wheel. The application of additional weight (typically lead tape or plasticine) will aid in balancing the wheel properly and thus improve the performance and handling of your RC car.

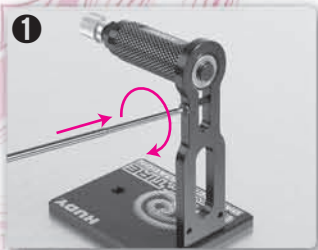


The HUDY Universal Tire Balancer (#105500) comes as solid station, CNC-machined from high-quality aluminum that is black hardcoated for long life. The unique design allows for the use of different optional wheel adapters. The mounting system features a unique collet clamp which ensures stable, wobble-free rotation of the wheel on the wheel adapter to ensure perfect balance.

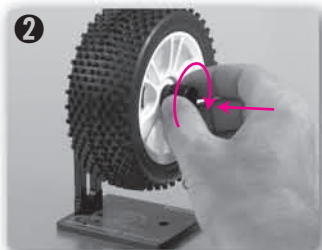
Optional wheel adapters are available for different scales and types of RC cars:
#10 5520 WHEEL ADAPTER FOR 1/10 TOURING CARS
#10 5510 WHEEL ADAPTER FOR 1/8 OFF-ROAD CARS, TRUGGY & RALLY GAME
#10 5505 WHEEL ADAPTER FOR 1/5 CARS

Each wheel adapter features an integrated steel shaft which is precisely fit in high-precision ball-bearings which are degreased and lightly oiled with lightweight AeroShell 12 oil for ultra smooth and free rotation. Each wheel adapter also features a smart wheel nut for quick, easy, and secure wheel mounting.

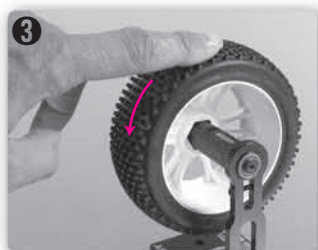




1 Insert the appropriate wheel adapter into the holder as shown. Tighten the clamp screw with a 2mm Allen wrench.



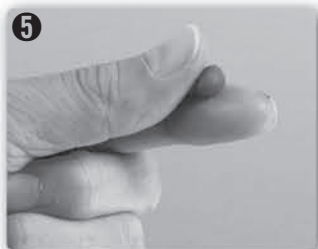
2 Mount the wheel to the drive hub at the end of the wheel adapter. Use the included nut to fasten the wheel to the wheel adapter; tighten the nut securely.



3 Lightly spin the wheel.



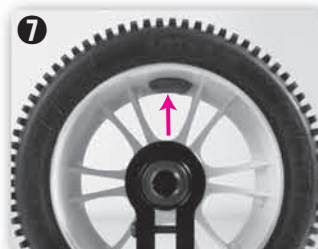
4 The heaviest part of the wheel will always stop at the bottom.



5 Prepare a small amount of balancing material. Plasticine is shown here.



6 Apply the balancing material to the inside of the wheel, OPPOSITE to the heavy side at the bottom of the wheel. The balancing material must be pressed to the edge of the wheel so it stay firmly in place when you run the car. The quantity of the balancing material depends on how unbalanced the wheel is.



7 It may be necessary to repeat the procedure a few times to verify the wheel balance. Repeat the procedure until the wheel stops in a different position each time.

MANUAL METHOD:

You can also use the manual method of balancing without the #105500 stand, by holding the wheel adapter in your hand as shown.



If you have any questions, please do not hesitate to contact HUDY at info@hudy.net or visit our website at www.hudy.net for news and updates.