

HUDY

#105500 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 GT 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, 1/8 off-road, truggy and GT wheels, 1/5 on-road and 1/6 buggy 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.



Optional wheel adapters are available for different scales and types of RC 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.



#105505

WHEEL ADAPTER FOR
1/5 ON-ROAD CARS & 1/6 BUGGY



#105510

WHEEL ADAPTER FOR
1/8 OFF-ROAD CARS, TRUGGY & GT



#105520

WHEEL ADAPTER FOR 1/10 ON-ROAD
& OFF-ROAD CARS - 12MM



#105525

HUDY WHEEL ADAPTER FOR
1/10 OFF-ROAD CARS - 14MM



#105590

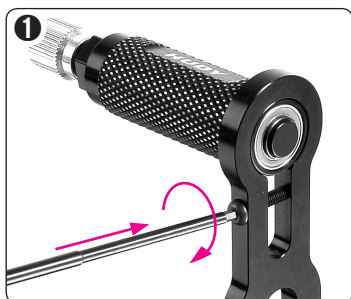
HUDY BALANCING PUTTY

Optional wheel adapters quick reference table:

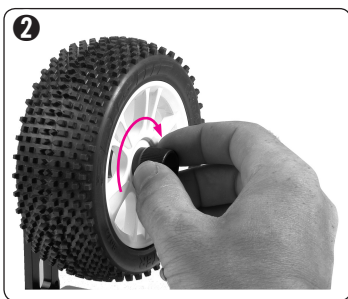
				
1/8 GT	1/8 BUGGY	1/8 TRUGGY	1/6 BUGGY	1/5 DTM
#105510	#105510	#105510	#105505	#105505

			
RUBBER 1/10 TOURING	FOAM 1/10 TOURING	12mm 1/10 OFF-ROAD	14mm 1/10 OFF-ROAD
#105520	#105520	#105520	#105525

INSTRUCTION MANUAL



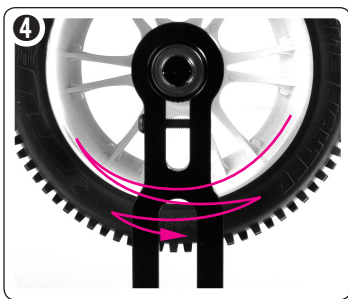
Insert the appropriate wheel adapter into the holder as shown. Tighten the clamp screw with a 2mm Allen wrench.



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.



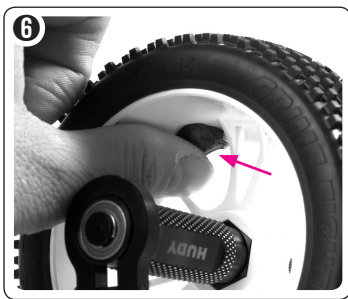
Lightly spin the wheel.



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



Prepare a small amount of balancing material. (#105590 HUDY BALANCING PUTTY)



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.



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.

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.