



AB Slotsport

Dedicated to supplying the best Slot Racing Products to Racers Worldwide

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AB MAGNETIC STATIC BALANCER

The AB Magnetic balancer is suitable for balancing wheels and Gears for Slot Cars.

Mount the wheel / gear on the axle, along with the set screw you will use in the component. Gently rotate the item by stroking the axle and note where the component comes to rest. Mark the lowest point on the item and rotate again. It should stop in the same place. The heaviest part will always come to rest at the bottom.

Drill out a small amount of material from the items hub or structure using a small diameter drill (1mm or smaller diameter) adjacent to where you have marked the component.

Re mount component on the axle and spin again. Repeat until the component settles at random places when it comes to rest (this indicates that there is no heavier part of the "rotational mass and it is in balance".

Take care when drilling the component not to weaken it's structure (not too close the edges etc.).

Lighter components will require less magnetic force to allow the axle to rotate freely. Adjust the magnetic force by loosening the 4/40 screws which locate the magnets and adjusting the magnets position, then lock them in place by gently tightening the locking screws. You will have to adjust each side by the same amount. Be patient as practice makes perfect!

Do not remove the clear lexan
Spacer plates bonded to the balancer
Body.

