



AB Slotsport

Dedicated to supplying the best Slot Racing Products to Racers Worldwide

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GEAR & Wheel Balancer 2

The AB Gear and wheel balancer now features magnet adjustment to ensure correct operation when using different weight components. Heavier components will require more magnetic force to hold the axle in the magnetic field.

Please note the drawing below illustrating assembly.

You should set the magnets so the component to be balanced will revolve in the magnetic field freely.

It is only necessary to revolve the component gently on the axle supplied. For example, typically when balancing a gear, use the set screw in the gear which will be used with the gear when on the car. If using a standard grub screw (not hollow) the grub screw should settle to the bottom when you gently rotate the component. Do this a number of times to ensure the gear settles in the same place. Remove a small amount of material from the gear at the opposite side of the diameter to that where it settled and then retry. You should remove the material from the centre of the plastic web, using a small diameter drill, so as not to weaken the component.

To decrease magnetic attraction, use standard, Teflon Guide spacers between the "Focus Plates" and the Magnets. To increase magnetic attraction decrease the number of Teflon spacers between the "Focus Plates" and magnets.

The acrylic "Shields" are a press fit into the aluminium housing. The Magnet / Focus Plate assembly may be withdrawn from the housing by attracting the magnet assembly from the housing using a piece of plain steel (spanner, pliers, wrench etc). Separate the focus plate from the magnet and add or subtract spacers as required. Ensure you reassemble magnets with black dots visible both ends.

