



Team 1 R/C Racing Products, L.L.C.

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Team 1 R/C Magnet Motor Zapper INSTRUCTIONS

1. Plug in zapper to the nearest outlet. The zapper requires a 110 to 120 volt at 15 amp AC power source (typical household current in USA).
2. Make sure the area around the zapper is free of all electronic devices, metal objects, meters, and away from persons or animals that maybe harmed from magnetic fields.
3. Measure your magnet strength and polarity (especially positive (+)) using the **Team 1 R/C Magnet Motor Meter**. (**Technical Note:** *Hemi wound motors and Chameleon motor magnets are actually opposite from the polarity shown on the endbell*)



4. Insert steel plug into the motor can. (**PLEASE NOTE:** *The steel plug is milled to high tolerances. There are rare times the plug may not completely fit inside of a motor can, due to the manufacturing variability of the motor itself. Do not force the plug into the motor can, as this may not only cause damage to the plug but also damage the magnets. If the plug does not fit, do not zap the can and do not modify the steel plug.*)
5. Place motor can between the zapper arms with the positive side of the motor can against the positive arm (+).

6. Make sure motor can and magnets are aligned with the edges of the zapper arms and with the zapper arms pushed firmly against the motor can sides. If motor magnets extend past the edges of the zapper arms, perform Step 6 with the one side of the magnets aligned with one of the arms. "Zap" (per Step 6) the can and then rotate can to align the other side magnets to the edge of the zapper arms and "Zap" (per Step 6).
7. Press the on/off button. The red light will light when the zapper is discharged. Typically push the on/off button for no more than 2 seconds.
8. Allow the magnets to rest a few seconds and repeat Step 6.
9. Remeasure the motor can magnets on the **Team 1 R/C Magnet Motor Meter**. You should note an increase in the reading. Please note motor magnets will only absorb so much zapping. Changes in readings may vary from high increases to no increases.
10. If you find that you zapped your can backwards, simply repeat the above process and verify that you have the (+) side to the positive arm.



Note:

- Caution:** This device creates a high magnetic field in and around the zapper during use. Careful attention should be practiced to operate zapper away from all metallic objects, electronic equipment, meters, and persons or animals that maybe harmed from its use.
- Use of this zapper acknowledges your understanding of the zappers designed use, safety, and hazards. This device requires adult use and attention.**
- This zapper is designed to enhance the magnets used in the construction of radio control electric motors, which are powered by DC voltage.
- OVERLOAD BUTTON/CIRCUIT BREAKER** is located on the back of the machine. Should you find the machine does not work, check to see if the button has popped out and just push it back in.
- Please keep instructions with the zapper at all times.

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