



Flex Toy Motor Modification

Request:

The Flex Toy spins a figure 360 degrees on a spinning motor when activated. Because we want the figure to always recenter to face forward after activation, we have placed magnetic sensors on the bottom of the spinning base and inside the motor base so that the base stops spinning at center.

What can happen is if deactivation occurs when the magnets are not close to each other, the motor will continue to spin for 1-2 seconds until the magnets realign and center the toy. It is not a common request, but we have had a handful of customers state that they want the motor to instantly stop after deactivation.

The Modification:

The modification is very simple and requires no tools to complete. Most customers should be able to perform the modification themselves if desired. Flex will ship out, free of charge, three adhesive magnets to you. These magnets should be placed directly behind the motor base. Having this magnet in place will trick the motor into thinking that it's always centered, and the motor will cease moving instantly after deactivation.



Blue magnet stuck to the back of the motor base.

You can view a demo video of this being done at www.flexvra.com/service

Considerations:

While this modification will instantly stop the motor, keep in mind it will instantly stop the toy at any point in the 360 degree rotation. So, if the user often uses lights only with no motion (no spinning motor) there is a chance that the toy will not be facing straight forward when activating in this mode.

Thank you!

A handwritten signature in black ink that reads "Steve" with a stylized arrow pointing to the right at the end of the word.**Steve Smith**

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