

PLEASE READ BEFORE RUNNING YOUR SOLAR MOTOR

Thank you for buying one of these neat Motors. Below are some things about the care and handling of your motor.

To assemble the motor: **IMPORTANT**—When handling the rotor assembly do so by the magnets or the shaft, NOT by the solar cells on the rotor. Even finger pressure on a solar cell is enough to break it. Put the back end of the rotor shaft (NO pivot) into the PVC ring at the back of the base. Now let the pivot end of the shaft down between the front guards. Keeping the pivot against the mirror, let the shaft down until the magnetic repulsion holds the shaft up by itself. That's all there is to that.

This motor is more like a scientific instrument than a toy. It uses some VERY delicate items in its construction and will not sustain rough handling or sudden shocks. The solar cells are extremely brittle and will not survive a fall.

I do not recommend moving the motor with the rotor in place. I just believe in being safe rather than sorry.

Please keep metal objects and magnets away from the motor.

The mirror should be cleaned when it needs it. The pivot end of the rotor may be cleaned using a PENCIL eraser. Just a few rubs will do.

If you are using a light source (high intensity light), the preferred direction of light is to the left of the motor. (Looking from the rear of the motor). Outside in sunlight, the motor will run it's best facing the sun, but you'll find that the motor will run in many orientations.

Please do not put high intensity light sources up too close to the motor.

Thanks again for your interest,

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