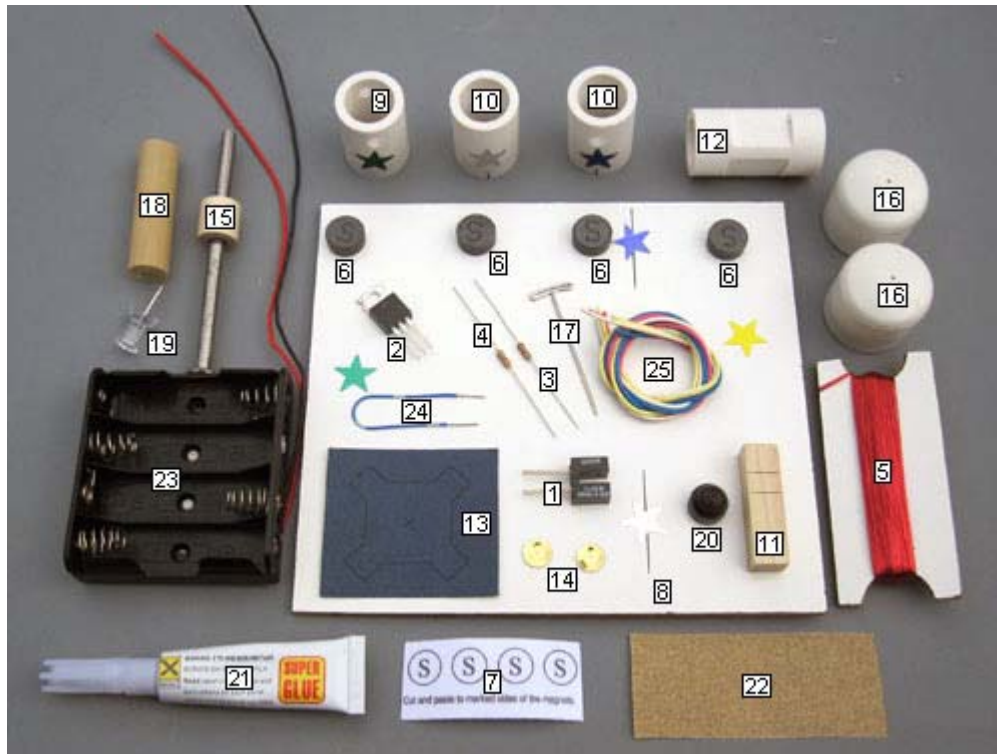


# Contents of Kit #7



1. Optointerrupter
2. PNP power Darlington transistor
3. Resistor 270 Ohm
4. Resistor 4.7 K
5. Spool of magnet wire (50 ft or more of 27 gauge insulated copper wire)
6. 4 magnets with South pole marked
7. Glossy magnet labels
8. Heavy duty board (approx. 5" x 6") with stands position color marks
9. Electromagnet stand (marked with green star)
10. Rotor stands (marked with blue and silver stars)
11. Square wooden stand for the optointerrupter
12. Rotor core with 4 flat surfaces
13. Optointerrupter disk
14. 2 sequins
15. 4" precut nail with prewound tape for the electromagnet
16. 2 caps with a center hole
17. T-pin
18. Round wooden rotor insert
19. Pushpin
20. Rubber plug that allows you to attach disks, propellers, etc.
21. Super glue
22. Piece of sandpaper
23. Battery holder
24. Jumper wire (to experiment with 4 different voltages)
25. 3 ft of hook-up wire (1 piece or precut - 4 pcs)

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\*\*\* Future motor development may result in substitution of some parts for improvement of motor parameters \*\*\*