

# Levigator Kit

## User Guide



**PITSCO**  
EDUCATION

### Your kit includes:

- 4 pieces of precut card stock (two sizes\*)
- 4 ceramic magnets
- 2 Levigator Car Templates

### Required tools (not included):

- Transparent tape
- Scissors
- Double-stick tape

\*Choose the size that best fits your track.

### Assembling the Base

1. Locate the precut piece of card stock (choose one that best fits your track) and the four ceramic magnets. Determine which side of the magnets is repelled by your track's magnetic strip. To do this, hold one of the magnets above the track; the side of the magnet that is not drawn to the track is the side that should face the track. Each magnet has a white dot on one side – if the white dot is on the side repelled by the track magnets, the same is true for all the magnets.
2. Attach the magnets in each of the four corners on one side of the card stock with the double-stick tape – the attraction side of each magnet should be taped to the card stock with the repelling side facing away from the vehicle.
3. Hold the card stock over the magnet strip on the track. The magnet strip should repel the magnets attached to the card stock. If any of the four magnets are attracted to the magnet strip, remove the magnet from the card stock, flip it over, and reattach it on the other side so it repels the strip. Now, the card stock should float (levitate) over the track.

## Assembling the Body

1. With the scissors, score along the five solid lines on the Levitator Car Template.
2. Using scissors, cut along the dotted lines of the template. Cut out the body and wings (white flaps, outside edges, wing slots).
3. Fold the body in half, down the centerline. Tape the nose and windshield areas to hold them in place.
4. Fold in the flaps, toward the center, to form the base of the car.
5. Attach the flaps to the card stock with double-stick tape.
6. Fold the wings and place them in the wing slots, with the logos on top facing toward the back.

**Note:** There are enough magnets to make one car. You can build the second template on the extra piece of card stock, but you will need to transfer the magnets from one car to the other.

Your Levitator Kit is complete. Get ready to race it down the Pitsco Maglev Track!

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E D U C A T I O N

P.O. Box 1708 • Pittsburg, KS 66762  
[www.pitsco.com](http://www.pitsco.com)  
Toll-Free Orders 800-835-0686