Elastic Bumper Kit
ME-8998

Introduction
The Elastic Bumper Kit includes parts that can be used as a pair of elastic bumpers or for mounting four photogates on a PASCO dynamics track.

To Mount Bracket on Track

The brackets attach to the T-slots on the sides of a dynamics track.

1. Loosen (but do not remove) the square nut on the thumbscrew.
2. Slide the nut into the T-slot at the end of the track.
3. Slide the bracket along the track to the desired location.
4. Tighten the thumbscrew to secure the bracket.

For Use as Bumpers
Using the four included brackets and some of the included elastic cord, you can set up two bumpers on a track. This type of bumper is ideal for use with a motion sensor because the sensor can “see through” the thin elastic cord, and the bumper protects the sensor from being hit by a cart.

1. Mount two brackets on either side of the track as illustrated.
2. Cut off a 15 cm length of elastic cord.
3. Stretch the cord through the lower slots in the brackets. Secure the cord by pulling it into the notches.
4. For heavy carts or fast collisions, add one or two more pieces of elastic cord.

5. If you are using a motion sensor, place it within 15 cm of the bumper. This will allow the sensor to “see” through the bumper.

For Use as Photogate Mount

1. Mount a bracket on the track at the desired location.

2. Remove the rod-mounting clamp from the photogate.

3. Insert a small thumbscrew through the upper slot of the bracket and into the mounting hole in the photogate.

   Note: Use the shorter thumbscrew (3/8 inch, 10 mm) included with the bumper kit, not the longer screw that came with the photogate.

4. Adjust the height of the photogate.

5. Tighten the thumbscrew to secure the photogate.

Technical Support

For assistance with any PASCO product, contact PASCO at:

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800-772-8700 (U.S.)

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Web: www.pasco.com

Email: support@pasco.com

Limited Warranty  For a description of the product warranty, see the PASCO catalog.

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