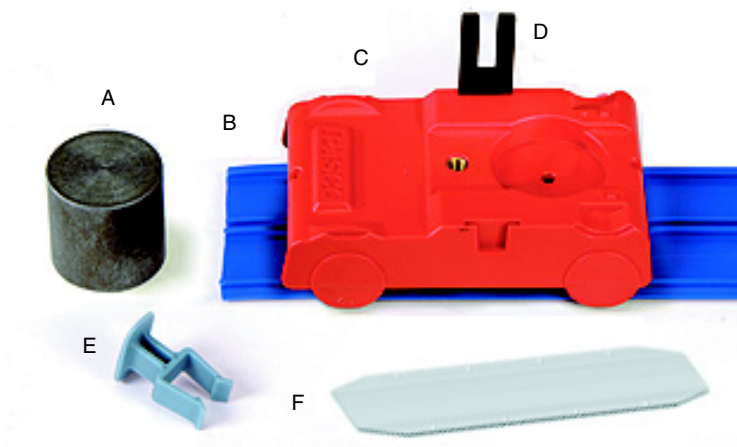


Road Bed Spares

ME-6995



Included Equipment	Qty	Included Equipment	Qty
A. Mini-car Mass (about 200g)	1	D. Photogate Flag	1
B. Road Bed (3 m)*	1	E. Road Bed Clip	24
C. Mini-car	1	F. Coupler, Roller Coaster Track	2

Related Equipment

Truss Set (ME-6990)

Bridge Set (ME-6991)

Related Equipment

Advanced Structures Set (ME-6992)

*NOTE: When storing the Road Bed, do not crimp or fold the material. Do not roll the Road Bed into a coil that is less than 30 cm (12 in) in diameter.

Introduction

The Road Bed Spares kit contains replacement parts for the PASCO Structures System. In addition, the Road Bed Spares kit includes a coupler that can be used to join two Road Beds together.

Attaching the Road Bed

To attach the blue road bed to the cross-members of a bridge, first connect the Road Bed Clip to the underside of the road bed by twisting the clip into the slot so the edges of the slot capture the clip (see Figure 1).

Slide the clip in the slot a short distance to align it with the cross member of the bridge.

Using the Coupler

Each end of the coupler is inserted into the slot on the bottom of the Road Bed to join two Road Beds together.

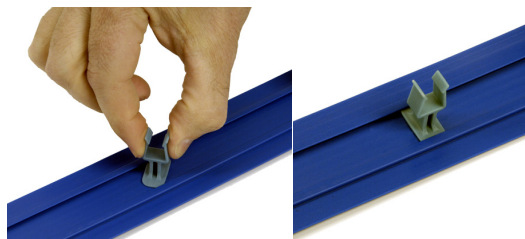


Figure 1: Attach road bed clip to road bed

Using the Mini-car

The ridges in the road bed guide the Mini-car wheels. The supplied mass (approximately 200 g) can be set in the recess in the Mini-car to give the car more mass. If smaller masses are desired, use the Mass and Hanger Set (PASCO Model ME-8979).

The photogate flag fits into the slot on the side of the Mini-car. As the car passes through a photogate, the infrared beam is blocked twice by the flag. To find the speed of the car, measure the distance between the leading edges of the flag (approximately 1 cm) and measure the time between the events when the infrared beam is blocked.

The Accessory Photogate with Stand (PASCO Model ME-9204B) is useful as a free-standing photogate.

Technical Support

For assistance with any PASCO product, contact PASCO at:

Address: PASCO scientific
10101 Foothills Blvd.
Roseville, CA 95747-7100

Phone: 916-786-3800 (worldwide)
800-772-8700 (U.S.)

Fax: (916) 786-7565

Web: www.pasco.com

Email: support@pasco.com

For more information about the Road Bed Spares and the latest revision of this Instruction Sheet, visit:

www.pasco.com/go?ME-6995

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