

PASCO EX-5551 Dynamics Track Spring Set



# PASCO EX-5551 Dynamics Track Spring Set Instruction Manual

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**PASCO**®

**PASCO EX-5551 Dynamics Track Spring Set**



## Product Information

### Specifications

- **Product Name:** Dynamics Track Spring Set
- **Model Number:** ME-8999
- Identifiable by the blue markings on one of the hooked ends

### Product Usage Instructions

#### Introduction

The Dynamics Track Spring Set is designed for conducting experiments related to springs and dynamics. To get started, download student-ready activities from the PASCO Experiment Library at [pasco.com/freelabs/ME-8999](https://www.pasco.com/freelabs/ME-8999).

#### Components

The set includes springs that are identifiable by the blue markings on one of the hooked ends. Ensure all components are securely in place before use.

#### Important Usage Note

Do NOT stretch the springs too far! Prolonged excessive stretching will permanently deform the springs. Exercise caution while using the springs to prevent damage.

#### Technical Support

If you need assistance with the product or have any questions, contact our Technical Support staff at [support@pasco.com](mailto:support@pasco.com) or call 1-800-772-8700 x1004 (USA) or +1 916 462 8384 (outside USA).

### FAQ

- **Q: How should I clean the Dynamics Track Spring Set?**

A: Use a soft, dry cloth to gently wipe down the components. Avoid using water or harsh chemicals to prevent damage.

- **Q: Can I use the springs for experiments other than those provided in the PASCO Experiment Library?**

A: While the set is primarily designed for use with specified activities, you can explore additional experiments

with caution to avoid damaging the equipment.

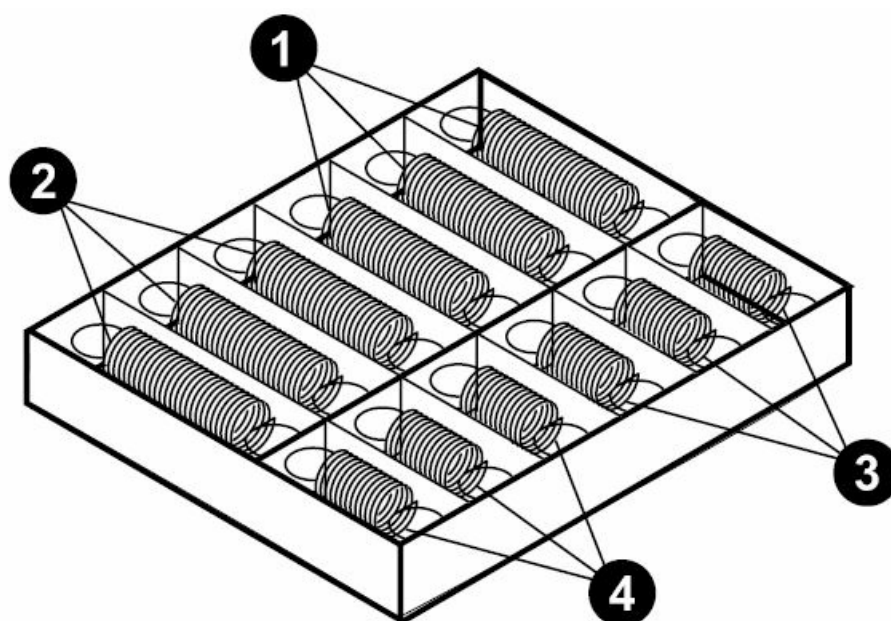
## Introduction

The Dynamics Track Spring Set is intended for use with any PASCO dynamics system. The set contains six springs with a spring constant of 6.8 N/m and six springs with a spring constant of 3.4 N/m. The spring constants can be identified by examining the “hooks” at the ends of each spring, with the 6.8 N/m springs having coloured marks on one of their hooks and the 3.4 N/m springs having none. Each set of six springs includes three short springs and three long springs, with lengths of approximately 3.5 cm and 5.7 cm respectively.

### IMPORTANT:

Do NOT stretch the springs too far! Prolonged excessive stretching will permanently deform the springs.

## Components



### 1. 3× long springs ( $k = 6.8 \text{ N/m}$ )

Identifiable by the red markings on one of the hooked ends.

### 2. 3× long springs ( $k = 3.4 \text{ N/m}$ )

### 3. 3× short springs ( $k = 6.8 \text{ N/m}$ )

Identifiable by the blue markings on one of the hooked ends.

### 4. 3× short springs ( $k = 3.4 \text{ N/m}$ )

## Experiment files

Download one of several student-ready activities from the PASCO Experiment Library. Experiments include editable student handouts and teacher notes. Visit [pasco.com/freelabs/ME-8999](https://www.pasco.com/freelabs/ME-8999).

## Technical support

Need more help? Our knowledgeable and friendly Technical Support staff is ready to answer your questions or walk you through any issues.

- Chat [pasco.com](https://www.pasco.com)

- **Phone**
  - 1-800-772-8700 x1004 (USA)
  - +1 916 462 8384 (outside USA)
- **Email** [support@pasco.com](mailto:support@pasco.com).

## Limited warranty

For a description of the product warranty, see the Warranty and Returns page at [www.pasco.com/legal](http://www.pasco.com/legal).


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## Documents / Resources

	<p><a href="#">PASCO EX-5551 Dynamics Track Spring Set</a> [pdf] Instruction Manual EX-5551 Dynamics Track Spring Set, EX-5551, Dynamics Track Spring Set, Track Spring Set, S pring Set, Set</p>
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## References

- [PASCO scientific | Science Lab Equipment and Teacher Resources](#)
- [Lab Experiment Library - Resources | PASCO](#)
- [Privacy Policies | PASCO](#)
- [User Manual](#)

### [Manuals+](#), [Privacy Policy](#)

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