

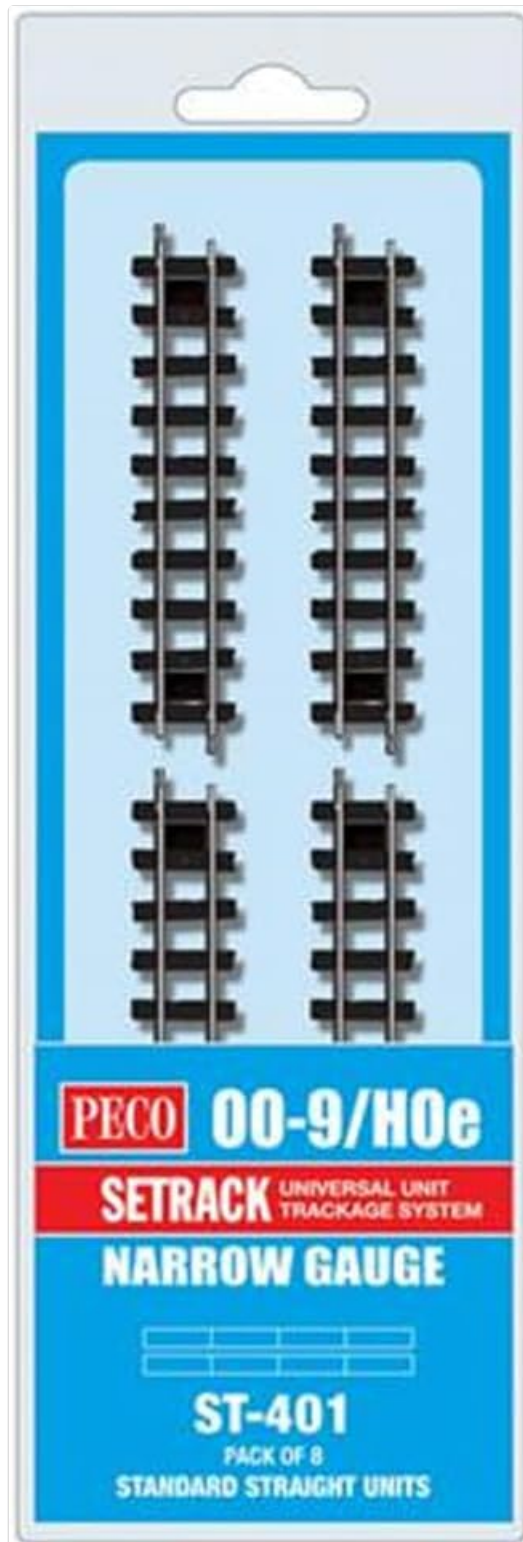
PECO ST-401

PECO ST-401 OO-9/HOe Setrack Straight Track Instruction Manual

Model: ST-401

1. INTRODUCTION

This manual provides essential information for the proper setup, use, and maintenance of your PECO ST-401 OO-9/HOe Setrack Straight Track units. These tracks are designed for narrow gauge model railway systems, offering reliable performance and ease of integration into your layout.



This image displays the retail packaging for the PECO ST-401 Setrack Straight Track. The package contains eight individual straight track units, designed for OO-9/H0e narrow gauge model railway systems. The tracks feature standard sleepers and metal rails, ready for integration into a model layout.

2. PRODUCT FEATURES

- Exceptional PECO quality, ensuring durability and performance.
- Precision engineering for accurate track alignment and smooth operation.
- Easy to use and install, suitable for various model railway layouts.
- Durable components designed for long-lasting use.
- Supplied as a pack of eight standard straight units.

3. SETUP AND INSTALLATION

Proper installation of your PECO Setrack is crucial for optimal performance of your model railway. Follow these general guidelines:

1. **Planning Your Layout:** Before laying track, plan your desired layout. Ensure sufficient space and consider the flow of your railway.
2. **Baseboard Preparation:** Ensure your baseboard or surface is clean, level, and stable. This provides a solid foundation for your track.
3. **Track Placement:** Carefully position the straight track units according to your layout plan. Ensure that the rail ends align perfectly to create a continuous and smooth path for trains.
4. **Connecting Tracks:** Use track joiners (fishplates) to securely connect individual track sections. Ensure a tight fit for reliable electrical conductivity and mechanical stability.
5. **Securing Track:** Once satisfied with the alignment, secure the track to the baseboard using appropriate track pins or adhesive. Avoid over-securing, which can distort the track.
6. **Electrical Connections:** For powered layouts, ensure proper electrical connections are made to the rails at regular intervals to prevent voltage drop.

These straight track units are compatible with OO-9/HOe narrow gauge systems. Always refer to specific model railway construction guides for advanced techniques.

4. OPERATION

Once installed, the PECO ST-401 straight track units function as a fundamental component of your model railway. They provide a stable and consistent path for your OO-9/HOe rolling stock. Ensure that all track sections are clean and properly connected to allow for smooth train movement and reliable electrical pickup.

5. MAINTENANCE

Regular maintenance will prolong the life of your track and ensure consistent operation:

- **Cleaning Rails:** Periodically clean the top surface of the rails to remove dirt, dust, and oxidation. Use a specialized track cleaning fluid and a soft cloth or track cleaning tool.
- **Inspecting Connections:** Check track joiners for corrosion or looseness. Ensure all connections are firm to maintain good electrical contact.
- **Dust Removal:** Use a soft brush or vacuum cleaner to remove dust and debris from between the sleepers and around the track area.
- **Environmental Control:** Store and operate your model railway in a clean, dry environment to prevent rust and material degradation.

6. TROUBLESHOOTING

If you encounter issues with your model railway related to track performance, consider the following:

- **Derailments:** Check for uneven track joints, kinks in the track, or debris on the rails. Ensure all track sections are level and securely fastened.
- **Intermittent Power/Stalling:** This often indicates poor electrical contact. Clean the rails thoroughly and inspect track joiners for secure connections. Ensure feeder wires are properly attached.

- **Rough Running:** Verify that all track sections are perfectly aligned and that there are no gaps or overlaps at the joints.

7. SPECIFICATIONS

Attribute	Detail
Model Number	ST-401
Scale	OO-9/HOe (Narrow Gauge)
Track Type	Straight Track
Length	3-7/16 inches (8.7 cm)
Quantity	Pack of 8 units
Product Dimensions	3.94 x 2.36 x 0.79 inches
Item Weight	0.705 ounces
Manufacturer Recommended Age	14 years and up

8. SAFETY INFORMATION

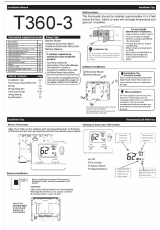
This product is intended for hobby use by individuals aged 14 years and older. It contains small parts that may pose a choking hazard to young children. Adult supervision is recommended during assembly and operation. Always handle model railway components with care.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support, please refer to the official PECO website or contact your retailer directly. Keep your proof of purchase for any warranty claims.

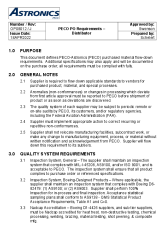
10. DISPOSAL INFORMATION

When the product reaches the end of its useful life, please dispose of it responsibly according to local regulations. Electronic and metal components should be recycled where facilities exist.



[PECO T360-3 Thermostat Installation Manual](#)

Comprehensive installation guide for the PECO T360-3 thermostat, detailing wall location selection, wiring procedures, subbase installation, technician setup options, swing settings, RF pairing, and technical specifications.



[PECO PO Requirements - Distributor: Supplier Compliance Guide](#)

This document outlines the essential Purchase Order (PO) requirements for distributors and suppliers to PECO-Astronics (PECO), covering quality systems, inspection, documentation, and export compliance.



[PECO PTO Driven Grass Collection System Operator's Manual for Kubota Kommander](#)

Comprehensive operator's manual and assembly guide for the PECO Model 28120901 PTO Driven Grass Collection System. This attachment is designed for Kubota Kommander 48" and 54" mower decks, providing detailed installation steps, parts lists, and operational information.



[PECO Counterfeit Part Prevention Policy \(CPPP\) - Astronics](#)

Astronics PECO's Counterfeit Part Prevention Policy (CPPP) details procedures for preventing, detecting, and mitigating counterfeit electronic parts in the supply chain, aligning with AS5553 standards.



[PECO T8168B-2 BACnet Thermostat Installation Guide](#)

Installation guide for the PECO T8168B-2 BACnet thermostat, covering features, applications, technical specifications, wiring, configuration, and troubleshooting.



[PECO T109 & T115 NEMA 4x Industrial Thermostats | Rugged Controls](#)

Explore PECO's T109 and T115 Series NEMA 4x industrial thermostats. Designed for harsh climates, offering reliable heating and cooling control for applications like refrigeration, HVAC, and animal confinement.