

Genie 34516R.S

Instruction Manual

GENIE 34516R.S INNER SLIDE - ML MODELS WITH MAGNET

Model: 34516R.S

Introduction

This manual provides essential information for the proper installation, function, and maintenance of the Genie 34516R.S Inner Slide, designed for ML Models with Magnet. This component is crucial for the smooth operation of compatible systems, particularly within lab shaker accessories where precise movement and stability are required. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of the product.

Product Overview

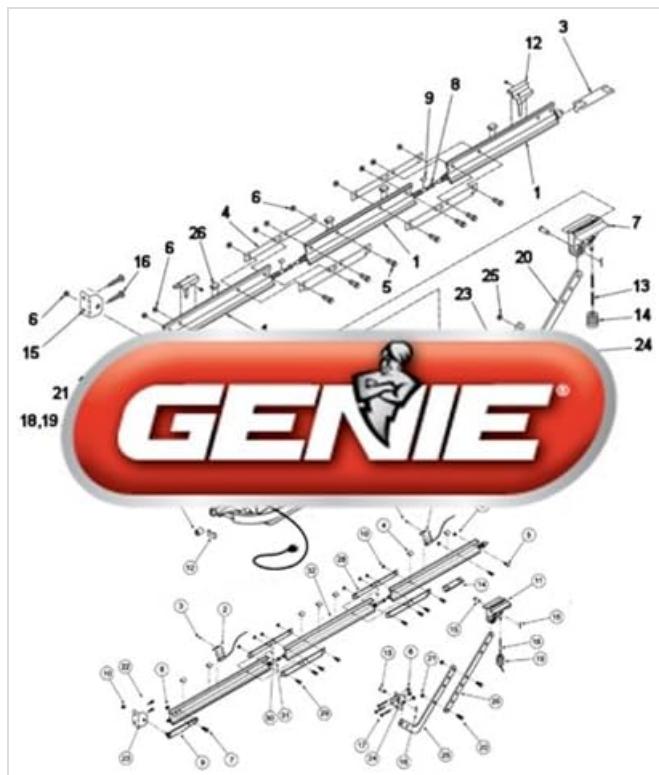


Figure 1: Exploded view diagram of a rail assembly. This diagram illustrates various components of a mechanical rail system, including the main rail (1), various brackets (e.g., 12, 15), and smaller fasteners (6). The Genie brand logo is visible. While this image depicts a general rail system, the 34516R.S Inner Slide is a specific component designed for ML Models with Magnet, typically found in lab shaker accessories.

The Genie 34516R.S Inner Slide is a precision-engineered component that facilitates linear motion within a larger assembly. It features an integrated magnet, which is critical for its function in specific ML models, ensuring proper positioning and secure engagement. This slide is designed for durability and smooth operation, contributing to the overall efficiency of the equipment it is integrated into.

Setup and Installation

Installation of the 34516R.S Inner Slide requires careful attention to detail to ensure proper alignment and function. It is recommended that installation be performed by individuals familiar with mechanical assemblies.

- 1. Preparation:** Ensure the system where the inner slide will be installed is clean and free of debris. Gather necessary tools, which may include screwdrivers, wrenches, and possibly a lubricant suitable for the application.
- 2. Identify Mounting Points:** Locate the designated mounting points within the ML model's rail system. The inner slide is designed to fit precisely into these channels.
- 3. Position the Slide:** Carefully insert the 34516R.S Inner Slide into the rail. Ensure the magnet component is oriented correctly according to the system's design.
- 4. Secure the Slide:** If fasteners are required to secure the slide, use the appropriate hardware and tighten them to the manufacturer's specifications. Avoid over-tightening, which can deform the slide or rail.
- 5. Test Movement:** Once installed, manually move the slide along its path to check for smooth, unobstructed motion. Verify that the magnet engages as expected at its intended position.
- 6. Final Check:** Before full operation, perform a final visual inspection to ensure all components are correctly seated and secured.

Note: Refer to the specific ML model's assembly instructions for detailed steps regarding the integration of this inner slide.

Operating Principles

The 34516R.S Inner Slide is a passive mechanical component that enables linear movement within a larger system. It does not require direct user operation. Its function is to provide a stable and low-friction path for moving parts, while the integrated magnet assists in precise positioning or holding at specific points along the rail.

- Linear Guidance:** The slide ensures smooth and controlled linear motion of the attached mechanism.
- Magnetic Engagement:** The magnet within the slide interacts with a corresponding metallic surface or another magnet in the system to provide a detent, hold, or assist in alignment.
- Reduced Friction:** Designed to minimize friction, allowing for efficient movement and reducing wear on the system.

Maintenance

Regular maintenance of the 34516R.S Inner Slide ensures its continued smooth operation and extends its lifespan. Perform these checks periodically:

- Cleaning:** Keep the slide and its surrounding rail system clean from dust, dirt, and debris. Use a soft, lint-free cloth. For stubborn grime, a mild, non-abrasive cleaner suitable for plastics and metals can be used, ensuring

no residue is left behind.

- **Lubrication:** If the system's design requires lubrication for the slide, use only the type of lubricant specified by the manufacturer of the overall ML model. Apply sparingly to the moving surfaces. Avoid over-lubrication, which can attract dust.
- **Inspection:** Periodically inspect the slide for any signs of wear, cracks, or damage. Check for any looseness in its mounting. Ensure the magnet is securely in place and free of metallic debris that could impede its function.
- **Alignment Check:** Verify that the slide moves freely and smoothly along its entire path without binding or excessive play. Misalignment can lead to premature wear.

Caution: Do not use harsh chemicals or abrasive materials for cleaning, as these can damage the slide's surface or magnet.

Troubleshooting

If you encounter issues with the 34516R.S Inner Slide, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Slide sticks or moves roughly	<ul style="list-style-type: none">• Debris in rail• Lack of lubrication• Misalignment• Damaged slide/rail	<ul style="list-style-type: none">• Clean rail and slide thoroughly.• Apply appropriate lubricant if required by system.• Check and correct alignment.• Inspect for damage; replace if necessary.
Magnet not engaging properly	<ul style="list-style-type: none">• Metallic debris on magnet• Incorrect orientation• Weakened magnet (rare)	<ul style="list-style-type: none">• Clean magnet surface.• Verify correct installation orientation.• Contact support if magnet appears weak.
Excessive play or wobble	<ul style="list-style-type: none">• Loose mounting fasteners• Worn slide or rail	<ul style="list-style-type: none">• Tighten fasteners to specification.• Inspect for wear; replacement may be needed.

If the problem persists after attempting these solutions, contact customer support or a qualified technician.

Specifications

- **Model:** 34516R.S
- **Brand:** Genie
- **Type:** Inner Slide with Magnet
- **Compatibility:** ML Models (specific models as per system requirements)
- **Item Weight:** Approximately 0.01 ounces (0.28 grams)
- **Item Package Quantity:** 1
- **Batteries Required:** No
- **ASIN:** B007RFHNS8
- **Date First Available:** April 4, 2012

Warranty Information

Specific warranty details for the Genie 34516R.S Inner Slide are typically provided with the complete ML model system it is a part of, or by the original point of purchase. Please retain your proof of purchase. For detailed warranty terms and conditions, refer to the documentation provided with your primary equipment or contact the manufacturer directly.

Customer Support

For technical assistance, replacement parts, or further inquiries regarding the Genie 34516R.S Inner Slide, please contact the manufacturer or your authorized dealer. When contacting support, please have your product model number (34516R.S) and any relevant system information ready.

Please note: As this is a component part, support may be provided by the manufacturer of the larger system in which this slide is integrated.

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Related Documents - 34516R.S

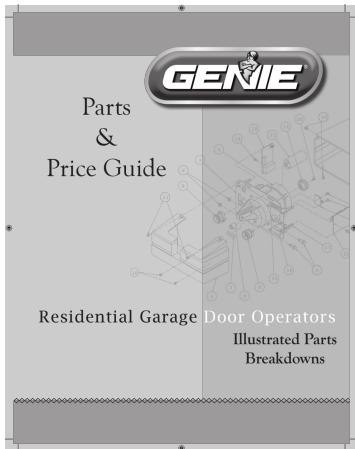
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[DIRECTV Wireless Genie Mini Setup and Activation Guide](#)

Step-by-step instructions for connecting, setting up, activating, and programming your new DIRECTV Wireless Genie Mini for seamless video entertainment.

Documents - Genie – 34516R.S



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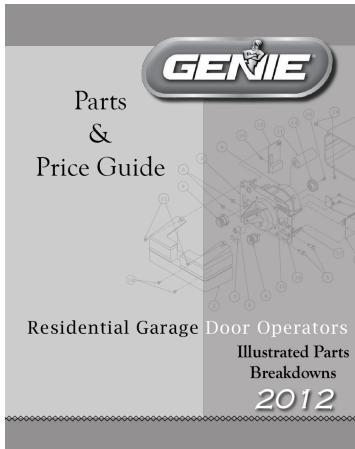
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