

## Schindler Var 35

# Instruction Manual

## SCHINDLER DO VAR 35 LIFTER DOOR LOCK CLAMP LOCKING MECHANISM

Model: Var 35

### 1. Introduction

---

This manual provides essential information for the proper understanding, installation, operation, and maintenance of the Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism. This component is a critical safety and operational part for Schindler Do Var 35 elevators, ensuring the secure and efficient closing of elevator doors.

Designed for durability and precision, this locking mechanism plays a vital role in maintaining passenger safety and the smooth functioning of elevator systems. Please read this manual thoroughly before any installation or maintenance procedures.

### 2. Safety Information

---

**WARNING: Installation and maintenance of elevator components must only be performed by qualified and certified elevator technicians. Improper installation or maintenance can lead to serious injury, equipment damage, or fatal accidents.**

- Always disconnect power to the elevator system before beginning any work on the door mechanism.
- Use appropriate personal protective equipment (PPE) such as safety gloves, eye protection, and safety footwear.
- Ensure all tools are in good working condition and suitable for the task.
- Follow all local and national safety regulations and codes pertaining to elevator maintenance and installation.
- Never bypass or modify safety devices.

### 3. Product Overview

---

The Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism is engineered for robust performance and precise door operation in Schindler Do Var 35 elevator systems. Its primary function is to secure the elevator doors, preventing movement when the doors are open or not fully closed, and ensuring proper alignment during operation.

### Key Features:

- **Key part:** This locking clamp is an essential component for the proper operation of the Schindler Do Var 35 lift doors.
- **Sturdy Construction:** Made with durable materials to withstand intensive and prolonged use.
- **Precise Fit:** Specifically designed to fit perfectly on Schindler Do Var 35 lifts, ensuring a tight seal.
- **Easy Installation:** Smart design allows for quick and easy installation, minimizing downtime.
- **Guaranteed compatibility:** 100% compatible with Schindler Do Var 35 lifts, ensuring optimal performance.

### Product Images:

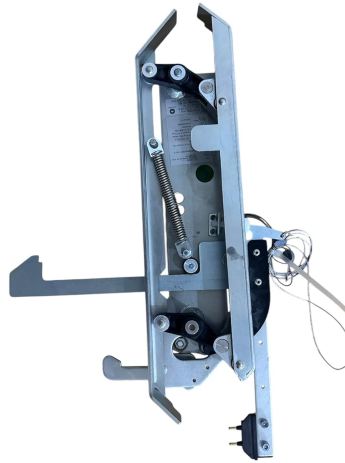


Figure 3.1: Front view of the Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism. This image shows the overall structure of the metal clamp, including springs, levers, and attachment points, designed for securing elevator doors.



Figure 3.2: Close-up view of the product label on the Schindler Do Var 35 Lifter Door Lock Clamp. The label displays important information such as "Locking device of car door DO VAR 35", "Certif. No.", "Serial No.", "Manuf. Date", and manufacturer details, confirming product authenticity and specifications.

## 4. Setup and Installation

The installation of the Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism requires specialized knowledge and tools. It must be performed by a certified elevator technician to ensure safety and proper functionality.

### General Installation Steps (for qualified personnel only):

1. **Preparation:** Ensure the elevator system is powered off and secured against accidental startup. Clear the work area.
2. **Removal of Old Component:** Carefully remove the existing door lock clamp, noting its orientation and connections.
3. **Mounting the New Mechanism:** Position the new Schindler Do Var 35 mechanism according to the elevator's specifications. Secure it using appropriate fasteners, ensuring a precise fit as designed.
4. **Connection:** Connect any associated wiring or mechanical linkages as per the elevator's wiring diagrams and mechanical schematics.
5. **Adjustment:** Perform necessary adjustments to ensure the mechanism operates smoothly, the doors close and lock correctly, and all safety interlocks are engaged.
6. **Testing:** Conduct thorough functional tests to verify the proper operation of the door locking mechanism and its integration with the elevator control system before restoring power and returning the elevator to service.

Refer to the specific elevator system's service manual for detailed, model-specific installation instructions and torque specifications.

## 5. Operation

---

The Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism operates automatically as part of the elevator's door system. It is designed to ensure that the elevator car cannot move unless the doors are fully closed and locked, and conversely, that the doors remain locked while the car is in motion.

When the elevator arrives at a floor and is ready for passengers to enter or exit, the mechanism disengages, allowing the doors to open. Once the doors are fully closed, the mechanism engages, securing the doors and signaling to the elevator control system that it is safe to proceed with travel.

This component requires no direct user interaction during normal elevator operation.

## 6. Maintenance

---

Regular maintenance of the Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism is crucial for ensuring the long-term safety and reliability of the elevator system. Maintenance should only be performed by qualified elevator technicians.

### Recommended Maintenance Schedule (for qualified personnel only):

- **Routine Inspection (e.g., monthly/quarterly):**
  - Visually inspect for signs of wear, corrosion, or damage to mechanical parts, springs, and linkages.
  - Check for proper alignment and smooth movement of all components.
  - Verify that the locking mechanism engages and disengages correctly and securely.
- **Cleaning:**
  - Keep the mechanism free from dust, debris, and excessive grease buildup. Use appropriate cleaning agents that do not harm the materials.

- **Lubrication:**

- Apply appropriate lubricants to moving parts as recommended by Schindler or elevator maintenance guidelines to ensure smooth operation and reduce wear.

- **Component Replacement:**

- Replace any worn or damaged parts immediately to prevent system failure or safety hazards.

Always refer to the elevator manufacturer's specific maintenance guidelines for detailed procedures and schedules.

## 7. Troubleshooting

---

This section outlines common issues that may arise with the door lock clamp mechanism and general troubleshooting steps. Due to the critical safety nature of elevator components, all troubleshooting and repairs must be performed by a qualified elevator technician.

### Common Issues and Potential Causes:

- **Doors not closing or locking properly:**

- Misalignment of the mechanism or door components.
- Obstruction in the door path or mechanism.
- Worn or damaged parts within the locking mechanism.
- Electrical fault with the interlock switch.

- **Excessive noise during door operation:**

- Lack of lubrication on moving parts.
- Loose fasteners or worn bearings.
- Component misalignment.

- **Elevator not moving with doors closed:**

- The locking mechanism's safety interlock may not be fully engaged, preventing the elevator from dispatching.
- Faulty interlock switch.

### Troubleshooting Steps (for qualified personnel only):

1. **Inspect Visually:** Check for any obvious physical damage, obstructions, or loose connections.
2. **Check Alignment:** Verify that the door and mechanism components are correctly aligned.
3. **Test Movement:** Manually test the mechanism's movement (with power off and safety precautions) to identify any sticking or binding.
4. **Electrical Checks:** Use a multimeter to check the continuity and function of any associated electrical switches or sensors.

**If an issue persists, contact a certified elevator service professional immediately. Do not attempt repairs if you are not qualified.**

## 8. Specifications

---

Attribute	Detail
Product Name	Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism
Model	Var 35
Manufacturer	Schindler
Product Dimensions	30 x 3 x 80 cm
ASIN	B0DN4FX8QV
Date First Available	Nov. 15 2024

## 9. Warranty and Support

---

For specific warranty information regarding the Schindler Do Var 35 Lifter Door Lock Clamp Locking Mechanism, please refer to the purchase documentation or contact your supplier. Warranty terms typically cover manufacturing defects under normal operating conditions.

For technical support, service, or inquiries related to this product, please contact the manufacturer or your authorized distributor. Ensure you have the product model (Var 35) and ASIN (B0DN4FX8QV) available when contacting support.

General contact information provided by the seller:

- WhatsApp: [+5510034022](https://wa.me/5510034022)
- Email: [contacto.universalimportaciones@gmail.com](mailto:contacto.universalimportaciones@gmail.com)
- Web: <https://www.universalimportaciones.com/>