

manual for vicon mower km 281 Textbook

manual for vicon mower km 281 is an essential resource for users seeking to operate, maintain, and troubleshoot their Vicon KM 281 mower efficiently and safely. Whether you are a seasoned professional or a new user, understanding the detailed instructions and guidelines outlined in the manual will help optimize mower performance, prolong its lifespan, and ensure safety during use.

Introduction to Vicon Mower KM 281

The Vicon KM 281 is a versatile and robust mower designed for professional agricultural and landscaping applications. It features a reliable engine, efficient cutting mechanisms, and user-friendly controls. Proper operation and regular maintenance are vital to maximize its productivity and ensure safety.

Getting Started with the Vicon KM 281 Manual

Before operating the mower, familiarize yourself with the manual's contents. It provides comprehensive instructions on assembly, operation, maintenance, troubleshooting, and safety precautions. Always read the manual thoroughly before use.

Assembly and Setup

Unpacking and Inspection

- Carefully unpack the mower and inspect all components for damage during transit.
- Verify that all parts listed in the manual are present, including blades, belts, and safety shields.

Assembly Instructions

- Attach the cutter bar and ensure it is securely fastened.
- Install any additional components such as guards, shields, or control levers.
- Adjust the cutting height as per your requirements, following the guidelines specified in the manual.

Initial Checks

- Check oil levels and top up if necessary.
- Fill the fuel tank with the recommended type of fuel.
- Inspect belts, blades, and other moving parts for wear or damage.

Operating the Vicon KM 281

Starting the Mower

- Ensure the mower is on a level surface.
- Engage the parking brake if applicable.
- Insert the key and turn to the start position, or follow the manual's specific starting procedure.
- Allow the engine to warm up before engaging the cutting mechanism.

Operational Controls

- Familiarize yourself with the throttle, clutch, and blade engagement controls.
- Use the steering handles or control levers to maneuver the mower.
- Adjust cutting height and speed according to terrain and vegetation type.

Safety Precautions During Operation

- Always wear appropriate personal protective equipment (PPE), including gloves, safety glasses, and hearing protection.
- Keep bystanders and pets away from the working area.
- Never operate the mower on steep slopes to prevent tipping.
- Ensure all safety shields and guards are in place before starting.
- Avoid operating the mower in adverse weather conditions like rain or strong winds.

Maintenance and Care

Regular maintenance is crucial for optimal performance and safety.

Routine Checks

- Daily or before each use, inspect blades for sharpness and damage.
- Check oil levels and top up or change oil as per schedule.
- Examine belts for wear and replace if necessary.

- Clean air filters regularly to ensure proper engine function.

Blade Maintenance

- Sharpen blades periodically for clean cuts and efficient operation.
- Replace blades if they are bent, cracked, or excessively worn.
- Follow the manual's instructions on removing and installing blades safely.

Engine and Fuel System

- Change engine oil according to the manufacturer's recommendations.
- Drain and replace fuel if contaminated or after long periods of inactivity.
- Inspect spark plugs and replace if fouled or worn.

Storage Tips

- Clean the mower thoroughly before storage.
- Drain fuel or add a fuel stabilizer for long-term storage.
- Store in a dry, sheltered location away from direct sunlight and moisture.

Troubleshooting Common Issues

The manual provides detailed troubleshooting steps for common problems:

- **Engine Won't Start:** Check fuel level, spark plug condition, and battery status.
- **Loss of Power:** Inspect air filter, carburetor, and fuel lines for blockages or dirt.
- **Uneven Cutting:** Sharpen or replace blades; check blade balance.
- **Excessive Vibration:** Tighten loose bolts, inspect blades and engine mounts.
- **Blade Not Engaging:** Verify the clutch operation and control cables.

Safety Guidelines and Precautions

Operating the Vicon KM 281 requires adherence to safety protocols:

Personal Safety

- Always wear PPE.
- Keep hands and feet away from moving parts.
- Do not operate the mower when fatigued or under the influence of alcohol or medications.

Operational Safety

- Never override safety features or shields.
- Turn off the engine before servicing or adjusting blades.
- Be cautious when working on uneven or sloped terrain.

Environmental Safety

- Avoid mowing near water bodies, protected areas, or public roads.
- Dispose of grass clippings and debris responsibly.

Parts Identification and Replacement

The manual includes diagrams and lists for identifying key components:

- Engine parts: carburetor, spark plug, oil filter.
- Cutting deck components: blades, belts, pulleys.
- Safety features: shields, emergency stop controls.

Regular inspection and replacement of worn or damaged parts are vital for safety and efficiency.

Where to Find Spare Parts and Support

Authorized Vicon dealers and service centers stock genuine replacement parts. Using original components ensures compatibility and longevity.

- Check the manual for part numbers.
- Contact authorized distributors for assistance.
- Refer to the warranty and service policies outlined in the manual.

Conclusion

The manual for Vicon mower KM 281 is an invaluable resource that guides users through every

phase of mower operation, maintenance, and troubleshooting. Proper adherence to the instructions not only enhances the mower's performance but also ensures safety for the operator and others nearby. Regular maintenance, timely repairs, and safe operation practices, as detailed in the manual, will help you get the most out of your Vicon KM 281 mower, making your landscaping or agricultural tasks more efficient and less labor-intensive. Always keep the manual accessible and refer to it whenever in doubt or before performing any maintenance or repairs.

Vicon Mower KM 281 Manual: An Expert Review and Comprehensive Guide

The Vicon Mower KM 281 stands out in the realm of professional landscaping equipment, renowned for its robust build quality, efficiency, and user-friendly design. Whether you're a seasoned landscaper or a dedicated homeowner with extensive lawn care needs, understanding the intricacies of this machine can significantly enhance its performance and longevity. This article offers an in-depth review and a detailed manual to help users operate, maintain, and troubleshoot the Vicon KM 281 effectively.

Introduction to the Vicon Mower KM 281

The Vicon KM 281 is a professional-grade rotary mower designed primarily for large-area grass cutting tasks. Built with durability and precision in mind, it offers features tailored to maximize productivity while minimizing operator fatigue. Its key strengths include a powerful engine, adjustable cutting heights, and a robust chassis suited for demanding environments.

Key Features at a Glance:

- High-performance engine for consistent power delivery
- Adjustable cutting height for versatile grass management
- Heavy-duty blades for clean cuts and longevity
- Ergonomic design for operator comfort
- Easy maintenance with accessible components

Understanding these features sets the foundation for effective operation and maintenance.

Safety Precautions and Initial Setup

Prior to operating the Vicon KM 281, safety should always be the top priority. Proper setup ensures not only safety but also optimal functioning of the mower.

Safety Precautions

- Read the entire manual thoroughly before first use.
- Wear appropriate personal protective equipment (PPE), including gloves, safety glasses, and sturdy footwear.
- Ensure the work area is clear of obstacles, debris, and bystanders.
- Never operate the mower under the influence of alcohol or drugs.
- Be cautious of hot surfaces and moving parts during and after operation.

Initial Setup Procedure

- Unboxing and Inspection: Check for any shipping damages or missing parts. Confirm all components match the parts list.
- Assembly: If the mower arrives disassembled, follow the assembly instructions to attach the blades, handlebar, and other accessories.
- Fluid Checks:
 - Fill the engine oil to the recommended level.
 - Check and fill the fuel tank with clean, fresh gasoline suitable for small engines.
- Tire and Wheel Inspection: Ensure all wheels are properly mounted and inflated to the specified pressure for stability.
- Blade Inspection: Examine blades for sharpness and damage; replace if necessary.

Operating the Vicon Mower KM 281

Once the mower is set up, proper operation techniques will ensure efficient cutting and prolong the lifespan of the equipment.

Starting the Mower

- Engage the parking brake if equipped.
- Turn the fuel valve to the ?On? position.
- Pull the choke lever if the engine is cold.
- Prime the carburetor if necessary.
- Hold the handlebar firmly, then pull the starter cord smoothly until the engine fires.
- Gradually disengage the choke as the engine warms up.

Adjusting Cutting Height

- The KM 281 features adjustable cutting height settings, typically via a lever or screw mechanism.
- Determine the desired grass height (generally between 25mm and 100mm).
- Set the cutting deck height accordingly, ensuring all wheels are at the same level for an even cut.

Operational Tips for Optimal Performance

- Mow when grass is dry for cleaner cuts and better mower performance.
- Avoid cutting more than one-third of the grass height in a single pass.
- Use overlapping passes to ensure even coverage.
- Maintain a steady pace; rushing can damage blades or unevenly cut the grass.
- For large lawns, plan mowing routes to minimize turning and overlapping.

Maintenance and Care

Regular maintenance is vital to keep the Vicon KM 281 running smoothly and to prevent costly repairs.

Routine Maintenance Tasks

- **Blade Sharpening:** Sharp blades produce cleaner cuts and reduce strain on the engine. Sharpen or replace blades as needed.
- **Oil Changes:** Change engine oil after the first 5 hours of use, then every 25-50 hours depending on workload.
- **Air Filter Cleaning/Replacement:** Clean the air filter regularly; replace if heavily soiled or damaged.
- **Spark Plug Inspection:** Check spark plugs for wear; replace if electrodes are worn or fouled.
- **Cleaning the Deck:** Remove grass clippings and debris from the cutting deck to prevent corrosion and maintain cutting efficiency.
- **Tire Maintenance:** Check tire pressure regularly and inflate to the manufacturer's specifications.

Storage Guidelines

- Empty the fuel tank if storing the mower for extended periods to prevent stale fuel issues.
- Clean the entire mower thoroughly.
- Store in a dry, sheltered location, preferably on a stand or elevated surface to prevent moisture buildup.

- Cover with a breathable tarp if stored outdoors.

Troubleshooting Common Issues

Even with proper care, users may encounter issues. Here are common problems with solutions:

| Issue | Possible Cause | Solution |

|-----|-----|-----|

| Engine won't start | No fuel, faulty spark plug, carburetor issues | Check fuel supply, inspect/replace spark plug, clean carburetor |

| Engine stalls during operation | Dirty air filter, incorrect carburetor adjustment | Clean or replace air filter, adjust carburetor settings |

| Uneven cutting | Unequal wheel height, dull blades | Adjust wheel heights evenly, sharpen or replace blades |

| Excessive vibration | Bent blades, loose nuts | Inspect and replace damaged blades, tighten all nuts and bolts |

| Mower pulls to one side | Unequal tire pressure, uneven deck | Adjust tire pressures, level the deck |

Expert Tips for Maximizing the Vicon KM 281's Performance

- Blade Maintenance: Regularly sharpen blades to ensure clean cuts, which promotes healthy grass growth and reduces mower strain.
- Fuel Quality: Use high-quality, fresh gasoline with the recommended octane rating to prevent carburetor deposits and engine knocking.
- Proper Mowing Technique: Mow in different directions each time to avoid soil compaction and turf damage.
- Rotating Attachments: If compatible, utilize various attachments to expand the mower's functionality, such as mulching kits or side-discharge decks.
- Operator Comfort: Adjust handlebar height to reduce fatigue, especially during extended mowing sessions.

Conclusion: Is the Vicon Mower KM 281 Worth It?

The Vicon KM 281 is a formidable machine designed for demanding lawn care tasks. Its durable construction, adjustable features, and ease of maintenance make it a favorite among professionals and serious enthusiasts. By adhering to the manual's guidelines for setup, operation, and maintenance, users can expect reliable performance, excellent cut quality, and a long service life.

While it requires an initial investment and routine upkeep, the KM 281 offers superb value for those seeking a high-quality, versatile mower capable of handling large and varied terrains. With proper care and operation, this machine can become an indispensable tool in your landscaping arsenal.

In summary, mastering the Vicon KM 281 through careful reading of its manual, diligent maintenance, and skilled operation can significantly enhance your lawn care results. Whether used for commercial landscapes or personal estates, this mower stands as a testament to Vicon's commitment to quality and performance in professional mowing equipment.

QuestionAnswer What are the key safety precautions to follow when operating the Vicon Mower KM 281? Always wear appropriate protective gear, ensure the mower is on a stable surface before starting, keep hands and feet away from moving parts, and disconnect the power source before performing maintenance or repairs. How do I properly adjust the cutting height on the Vicon Mower KM 281? To adjust the cutting height, locate the height adjustment levers or screws on the mower deck, set them to the desired position according to the manual, and ensure all settings are securely locked before use. What maintenance routines are recommended for the Vicon Mower KM 281 to ensure optimal performance? Regularly check and replace the blades, clean the mower deck, inspect belts and pulleys, lubricate moving parts as specified, and check the oil and air filters periodically as outlined in the manual. How do I troubleshoot common issues with the Vicon Mower KM 281, such as starting problems or uneven cutting? For starting issues, verify the fuel and battery condition, check the spark plug, and inspect the ignition system. For uneven cutting, examine the blades for damage, ensure the deck is level, and clean or replace blades if necessary. Where can I find replacement parts for the Vicon Mower KM 281, and how do I install them? Replacement parts can be ordered through authorized Vicon dealers or the official website. Follow the step-by-step instructions in the manual for proper installation, or seek professional assistance if unsure.

Related keywords: Vicon mower, KM 281, operator's manual, maintenance guide, parts list, troubleshooting, Vicon equipment, mower manual PDF, Vicon KM 281 specs, repair instructions, user guide

VICON KM 241 MANUAL

Vicon KM 241 manual provides essential guidance for users seeking to operate, troubleshoot, and

maintain the Vicon KM 241 series effectively. As a versatile and reliable product, understanding its manual ensures optimal performance and longevity. This comprehensive guide covers key aspects of the Vicon KM 241 manual, including features, installation instructions, operation tips, troubleshooting advice, and maintenance procedures.

Overview of the Vicon KM 241

What is the Vicon KM 241?

The Vicon KM 241 is a high-precision digital keypad and control interface designed for security and access control systems. It enables users to manage security settings, monitor system status, and perform administrative tasks efficiently. Known for its durability and user-friendly interface, the KM 241 is suitable for both commercial and industrial environments.

Key Features of the Vicon KM 241

- Robust construction for harsh environments
- Backlit keypad for easy operation in low light conditions
- Multiple authentication options including PIN codes and RFID cards
- Integrated LCD display for real-time system information
- Flexible configuration options for various security needs
- Compatibility with Vicon security systems and third-party devices

Understanding the Vicon KM 241 Manual

Purpose and Importance

The manual serves as a vital resource for users to understand the device's functionalities, installation steps, configuration procedures, and troubleshooting techniques. Proper adherence to the manual ensures the device operates securely and efficiently.

Structure of the Manual

Typically, the manual is organized into sections:

- Introduction and safety information
- Device specifications
- Installation instructions
- Configuration and programming

- Operational guidelines
- Troubleshooting tips
- Maintenance and support

Installation of the Vicon KM 241

Pre-Installation Requirements

Before installing the KM 241, ensure:

- Power supply voltage matches device specifications
- Proper mounting location with adequate ventilation
- Availability of network or connection ports if required
- Access to the manual for detailed wiring diagrams and procedures

Step-by-Step Installation Guide

- **Select a suitable mounting surface:** Wall or panel mount, depending on the environment.
- **Mount the device:** Use appropriate screws and anchors to secure the device firmly.
- **Wire connections:** Follow wiring diagrams provided in the manual for power, data, and security connections.
- **Power up:** Connect the device to the power source and verify the status indicators.
- **Initial configuration:** Access the device's setup menu via the LCD display or connected computer.

Configuration and Programming

Accessing the Configuration Menu

Most configurations are performed through:

- The LCD interface on the device
- Vicon management software, if compatible

To access settings:

- Enter the default administrator password (refer to the manual).

- Navigate through the menu options using the keypad or software interface.

Common Configuration Settings

- **User Access Rights:** Assign PIN codes or RFID cards to users.
- **Time and Date:** Set the system clock for accurate logging.
- **Alarm Settings:** Configure triggers and notifications for security breaches.
- **Network Settings:** Assign IP addresses and network parameters for remote access.
- **System Updates:** Upload firmware updates if available.

Operational Tips for the Vicon KM 241

Using the Device Effectively

To ensure smooth operation:

- Regularly update user access credentials.
- Monitor system logs for unauthorized access attempts.
- Test the device periodically to confirm proper functionality.
- Keep the manual accessible for troubleshooting and reference.

Best Practices

- Change default passwords immediately after installation.
- Keep the device firmware updated to benefit from security patches.
- Maintain a backup of configuration settings.
- Ensure physical security of the device to prevent tampering.

Troubleshooting the Vicon KM 241

Common Issues and Solutions

Issue	Possible Cause	Solution
Device not powering on	Incorrect power connection or power supply failure	Verify wiring, replace power supply if necessary
Incorrect system time	Battery failure or reset	Replace backup battery, reconfigure time
Unable to read RFID cards	Damaged RFID tags or antenna issues	Test with different RFID cards, check antenna connections
Unrecognized PIN codes	User data corruption or misconfiguration	Reprogram user access credentials, reset device if needed

Getting Support

For persistent issues:

- Refer to the troubleshooting section of the manual.
- Contact Vicon technical support with device details and issue description.
- Consult online resources and firmware updates available on the official Vicon website.

Maintenance and Upkeep

Routine Maintenance Tasks

- Regularly clean the keypad and display to prevent dirt buildup.
- Check wiring connections periodically for signs of wear or damage.
- Update firmware to enhance security features.
- Backup configuration settings before making major changes.

Long-term Care

- Store the manual and firmware files in a secure location.
- Schedule periodic system audits to ensure security integrity.
- Replace batteries and hardware components as recommended by the manufacturer.

Conclusion

The **Vicon KM 241 manual** is an invaluable resource that empowers users to maximize the device's potential. From installation to troubleshooting, understanding the manual ensures that the system operates reliably and securely. Regular maintenance, prompt troubleshooting, and adherence to the manual's guidelines will extend the lifespan of the Vicon KM 241 and maintain the integrity of your security infrastructure. Always keep the manual accessible and stay updated with the latest firmware and support information from Vicon to ensure your security system remains robust and effective.

Vicon KM 241 Manual: An In-Depth Review and Guide

The Vicon KM 241 manual offers a comprehensive resource for users seeking to understand, operate, and troubleshoot this specialized device. Designed primarily for professionals in security, surveillance, and access control systems, the KM 241 model combines robust features with user-friendly instructions. This detailed review aims to dissect the manual's structure, clarity, usability, and technical depth, providing potential users with insights into how well it supports their

operational needs.

Overview of the Vicon KM 241

The Vicon KM 241 is a key component in Vicon's extensive surveillance ecosystem, functioning as a versatile keypad and access controller. It is designed to facilitate secure entry points, manage user credentials, and integrate seamlessly with other security infrastructure. The manual provides essential information on installation, configuration, operation, maintenance, and troubleshooting.

Structure and Content of the Manual

Organization and Layout

The manual is well-structured, beginning with an introductory section that offers an overview of the device, its purpose, and general specifications. This is followed by detailed chapters on installation, configuration, operation, and troubleshooting. Each section is clearly delineated with headers, subheaders, diagrams, and step-by-step instructions, making navigation intuitive.

Strengths:

- Logical flow from basic setup to advanced features
- Use of visual aids such as diagrams and tables
- Clear labeling of sections for quick reference

Potential Improvements:

- Inclusion of a quick-start guide for experienced users
- Indexing for faster topic location

Installation and Setup Instructions

Pre-Installation Requirements

The manual emphasizes the importance of verifying compatibility with existing security infrastructure. It specifies power requirements, network configurations, and physical mounting considerations.

Pros:

- Detailed list of prerequisites
- Emphasis on safety precautions and proper grounding

Cons:

- Slightly technical language may challenge less experienced users

Step-by-Step Installation Process

The manual guides users through physical installation, wiring connections, and initial power-up. It includes:

- Mounting instructions with diagrams
- Connecting inputs and outputs
- Network configuration steps for IP-based models

Features:

- Clear illustrations showing wiring sequences
- Notes on common pitfalls and tips for secure installation

Configuration and Programming

Initial Configuration

Once physically installed, the manual walks users through configuring network settings, user database, and access permissions. It covers:

- Accessing the device's web interface or keypad menu
- Setting IP addresses, subnet masks, and gateways
- Creating user profiles and assigning access rights

Advantages:

- Detailed screenshots aid visual learners
- Explanations of each configuration parameter

Limitations:

- Assumes basic familiarity with networking concepts

Advanced Features

The manual also explains how to activate features like:

- Time zones and schedules
- Anti-passback and alarm integrations
- Event logging and audit trails

Highlights:

- Customization options for tailored access control
- Integration instructions with Vicon's broader security system

Operation and Daily Use

Using the Vicon KM 241

The manual provides straightforward instructions for daily operations:

- Enrolling new users
- Managing user credentials
- Monitoring access logs

Features:

- User-friendly interface descriptions
- Tips for maintaining security and data integrity

Maintenance Tips

Regular maintenance is critical for optimal performance. The manual recommends:

- Periodic software updates
- Physical cleaning and inspection
- Backup procedures for configuration data

Pros:

- Clear schedule suggestions
- Troubleshooting tips included

Troubleshooting and Support

The manual offers a comprehensive troubleshooting guide addressing common issues such as:

- Device not powering on
- Network connectivity problems
- Unauthorized access attempts
- Firmware update failures

Strengths:

- Step-by-step problem resolution procedures
- Contact information for technical support

Potential Improvements:

- Inclusion of FAQs for quick solutions
- Troubleshooting flowcharts for complex issues

Technical Specifications

The manual lists detailed technical specifications, including:

- Power supply requirements
- Communication protocols (TCP/IP, RS-232/485)
- Input/output details
- Environmental operating conditions

This information assists technicians and system integrators in planning and deploying the device effectively.

Pros and Cons of the Vicon KM 241 Manual

Pros:

- Comprehensive coverage of all operational aspects
- Clear visual aids and diagrams
- Step-by-step guidance for both novice and experienced users
- Troubleshooting section reduces downtime
- Well-organized and easy to navigate

Cons:

- Technical language may be challenging for non-technical users
- Lack of quick-reference or cheat sheet for experienced installers
- Limited information on integrating with third-party systems outside Vicon's ecosystem

Final Thoughts

The Vicon KM 241 manual stands out as a detailed, well-structured resource tailored for professionals tasked with installing and managing access control systems. Its emphasis on clarity, detailed instructions, and troubleshooting support makes it a valuable tool for ensuring smooth deployment and operation. While it may benefit from more simplified language or quick-reference guides for less technical users, overall, it provides a thorough foundation for understanding and utilizing the Vicon KM 241 effectively.

For organizations seeking a reliable manual that balances technical depth with usability, the Vicon KM 241 manual meets expectations and enhances user confidence. Whether you are installing the device for the first time, troubleshooting issues, or performing regular maintenance, this manual equips you with the knowledge necessary to optimize your security infrastructure.

In conclusion, the Vicon KM 241 manual is a comprehensive and user-focused document that supports the successful operation of this sophisticated access control device. Its detailed approach ensures that users can confidently install, configure, operate, and troubleshoot, ultimately safeguarding their facilities with efficiency and reliability.

Question Where can I find the official Vicon KM 241 manual? You can find the official

Vicon KM 241 manual on the Vicon website under the 'Support' or 'Downloads' section, or contact Vicon customer support for assistance. What are the key features covered in the Vicon KM 241 manual? The manual covers installation procedures, system configuration, operation instructions, troubleshooting tips, and maintenance guidelines for the Vicon KM 241 system. How do I set up the Vicon KM 241 for optimal performance? The manual provides step-by-step instructions for proper setup, including mounting, calibration, and configuring network settings to ensure optimal performance. What troubleshooting steps are included in the Vicon KM 241 manual? It includes troubleshooting tips for common issues such as connectivity problems, image quality concerns, and system errors, along with recommended solutions. Can I update the firmware of the Vicon KM 241 using the manual? Yes, the manual provides instructions on how to safely update the firmware, including prerequisites and step-by-step procedures. What safety precautions are highlighted in the Vicon KM 241 manual? The manual emphasizes safety precautions such as handling hardware carefully, avoiding exposure to electrical hazards, and proper installation procedures to prevent damage or injury. Does the Vicon KM 241 manual include warranty and support information? Yes, it includes details about warranty coverage, support contact information, and how to request technical assistance if needed. Are there detailed wiring and connection diagrams in the Vicon KM 241 manual? Yes, the manual provides detailed diagrams for wiring, power connections, and network setup to facilitate proper installation. How often should I refer to the Vicon KM 241 manual for maintenance? The manual recommends regular maintenance checks, including cleaning lenses and verifying connections, to ensure consistent performance, with detailed intervals specified within the guide.

Related keywords: Vicon KM 241, Vicon KM 241 manual download, Vicon KM 241 specifications, Vicon KM 241 parts, Vicon KM 241 troubleshooting, Vicon KM 241 user guide, Vicon KM 241 operation, Vicon KM 241 maintenance, Vicon KM 241 instructions, Vicon KM 241 datasheet

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