

MULIN ML18-214

MULIN ML18-214 Power Lift Chair Replacement Motor Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your MULIN ML18-214 Power Lift Chair Replacement Motor. The ML18-214 is a linear actuator designed as a direct replacement for power lift chairs, recliners, massage chairs, and adjustable beds. It features a 333mm stroke length and operates at 36mm/s, ensuring smooth and reliable movement. Please read this manual thoroughly before proceeding with installation or use.

SAFETY INFORMATION

- Always disconnect power to the furniture before attempting any installation, removal, or maintenance procedures.
- Ensure all electrical connections are secure and free from damage.
- Do not operate the motor if any part is damaged or if the power cord is frayed.
- Keep hands and loose clothing clear of moving parts during operation.
- If you are unsure about any step of the installation process, consult a qualified technician.
- This motor is designed for indoor use only.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon receipt.

- 1 x MULIN ML18-214 Linear Actuator Motor
- 1 x Pre-attached Power Cord

SPECIFICATIONS

Brand	MULIN
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Model Number	ML18-214
Stroke Length	333mm
Speed	36mm/s
Input Voltage	DC 28V 1.5A
Interuptime	0.5min/4min
Installation Size	160mm
Form Factor	Recliner

MULIN



MULIN Motors

ML18-214

- Input DC 28V 1.5A
- Interuptime:0.5min/4min
- Speed: 36mm/s

Image showing the MULIN ML18-214 linear actuator with its model number, input voltage (DC 28V 1.5A), interuptime (0.5min/4min), and speed (36mm/s) printed on the label.

SETUP AND INSTALLATION

This motor is designed for straightforward replacement. Please verify your original motor's model number matches ML18-214 before purchasing and installation.

1. **Preparation:** Ensure the furniture is in a stable position. Disconnect the furniture from its power source completely.
2. **Remove Old Motor:** Carefully locate and disconnect the power and control cables from the existing motor. Unbolt or unclip the old motor from its mounting points on the furniture frame. Note the orientation and connection points for reference.
3. **Install New Motor:** Position the new MULIN ML18-214 motor in the same location as the old one. Align the mounting holes and secure the motor using the original hardware or appropriate replacements. Ensure the motor is firmly attached and does not wobble.
4. **Connect Cables:** Connect the pre-attached power cord and any control cables from the furniture to the new motor. Ensure all connections are snug and correctly seated. The multi-pin plug design ensures secure and stable connections.
5. **Test Operation:** Once the motor is securely installed and all cables are connected, reconnect the furniture to its power source. Carefully test the motor's function using the furniture's controls to ensure smooth and correct operation.

Choose Original Mulin Motors

This motor is also suitable:

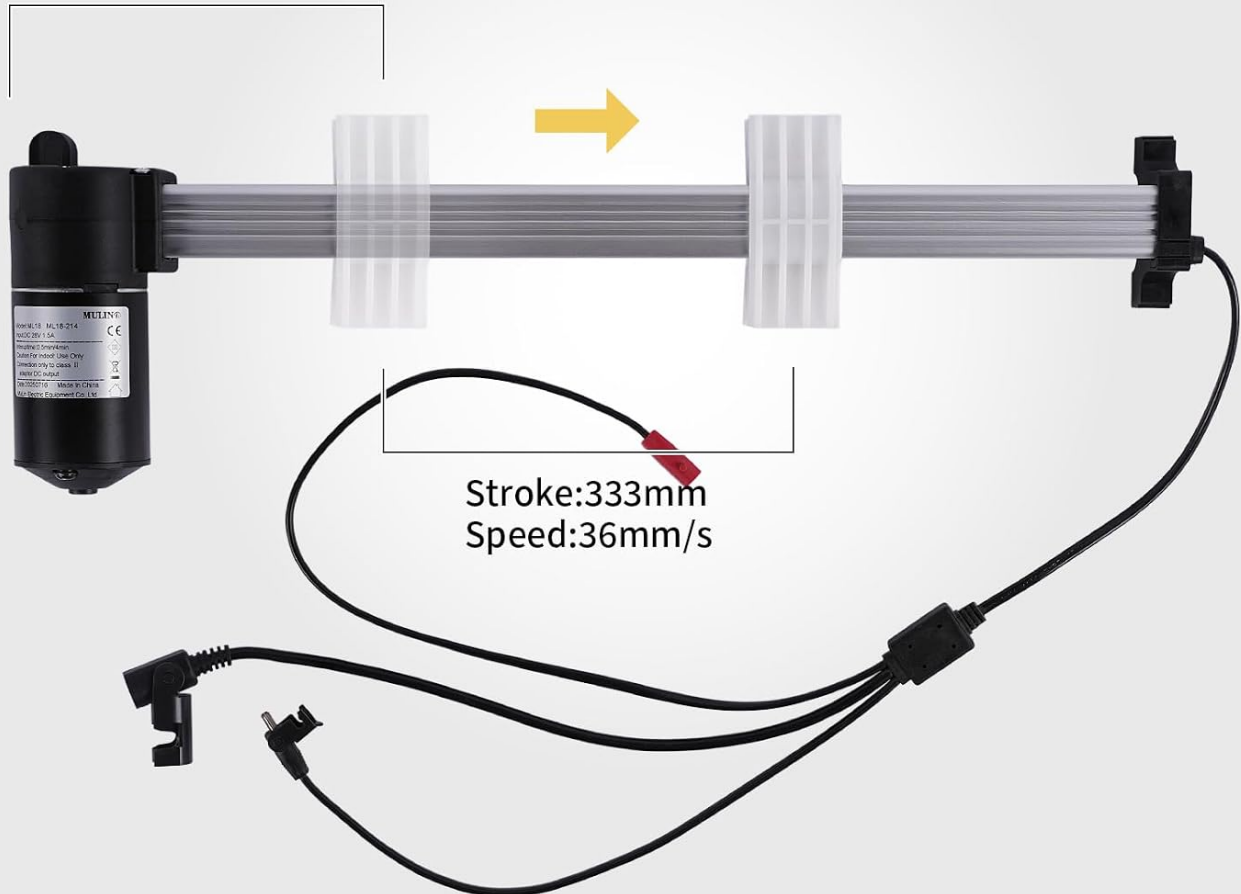
- ML18-214



The ML18-214 motor assembly, including the linear actuator, power cord, and control cables, positioned in front of a recliner chair, illustrating its application.

PARAMETRE

Installation size: 160mm



A diagram detailing the ML18-214 motor's key dimensions, including a 333mm stroke length and a 160mm installation size, with an arrow indicating the linear movement.



A close-up view of the multi-pin plug and connector, designed for secure and stable electrical connections to the ML18-214 motor.

OPERATING INSTRUCTIONS

The MULIN ML18-214 replacement motor operates in conjunction with your furniture's existing control system (e.g., hand remote, integrated buttons). Once installed, the motor will respond to the commands from these controls to extend or retract the linear actuator, thereby adjusting the position of your furniture.

- Press and hold the appropriate button on your furniture's control to extend or retract the motor.
- Release the button to stop the motor at the desired position.
- Avoid continuous operation beyond the specified interuptime (0.5 minutes of operation within any 4-minute period) to prevent overheating and prolong motor life.

MAINTENANCE

The MULIN ML18-214 motor is designed for durability and requires minimal maintenance.

- **Cleaning:** Periodically wipe the exterior of the motor with a dry, soft cloth to remove dust and debris. Do not use liquid cleaners or solvents.
- **Inspection:** Regularly check the power cord and all connections for any signs of wear, damage, or looseness. Ensure the motor's mounting points remain secure.
- **Lubrication:** The internal components of the linear actuator are pre-lubricated and sealed. No additional lubrication is required or recommended.
- **User Serviceable Parts:** There are no user-serviceable parts inside the motor housing. Do not attempt to open or repair the motor yourself.

TROUBLESHOOTING

If you encounter issues with your MULIN ML18-214 motor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Motor does not move.	No power supply; Loose connections; Damaged power cord or control unit.	Check if the furniture is plugged into a working outlet. Verify all power and control cables are securely connected. Inspect the power cord for damage. If issues persist, consult customer support.
Motor operates intermittently.	Loose wiring; Overheating.	Ensure all connections are tight. Allow the motor to cool down if it has been operated continuously for an extended period (adhere to interuptime specification).
Motor is unusually noisy.	Loose mounting; Obstruction; Internal wear.	Check that the motor is securely mounted to the furniture frame. Inspect for any objects obstructing the linear actuator's movement. A slight increase in noise compared to the original motor can be normal; however, if the noise is excessive or new, contact customer support.

DETAILS



POWERFUL MOTOR

Stronger Load Capacity, Smooth Operation.



DURABLE ALUMINUM

Corrosion-Resistant, Sturdy & Long-Lasting.



FLEXIBLE CABLE

High flexibility for easy install & adjust.



MULTI - PIN PLUG

Hole design for secure and stable connections.

A composite image highlighting the robust features of the ML18-214 motor: a powerful motor for strong load capacity, durable aluminum construction for corrosion resistance, flexible cables for easy installation, and a multi-pin plug for secure connections.

WARRANTY AND SUPPORT

The MULIN ML18-214 Power Lift Chair Replacement Motor is backed by a **9-month replacement warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable performance under normal use. For warranty claims, technical assistance, or compatibility verification before ordering, please contact MULIN customer service. Provide your purchase details and the model number (ML18-214) for efficient support. For further information or to explore other MULIN products, please visit the official MULIN store on Amazon [MULIN Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question