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Uetmulik 3MR135-334E

Uetmulik Emomo 3MR135-334E Linear Actuator Motor Replacement Manual

Model: 3MR135-334E

Introduction

This manual provides comprehensive instructions for the Uetmulik Emomo 3MR135-334E Linear Actuator Motor, designed as a direct replacement for Emomo Model 3MTR 3MR135-334E motors found in electric sofas, massage chairs, and other power recliners. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

Safety Information

Important Safety Precautions:

- Always unplug the power supply from the chair before handling or attempting to replace the motor.
- Ensure the chair is stable and securely positioned before beginning any work.
- Do not attempt to repair or replace the motor if you are unfamiliar with electrical components or mechanical systems. Seek professional assistance if needed.
- Always follow the manufacturer's instructions for the specific recliner or lift chair in which this motor is being installed.
- Keep hands and loose clothing clear of moving parts during operation and installation.

Package Contents

Your package should contain the following items:

- Uetmulik Emomo 3MR135-334E Linear Actuator Motor
- Associated wiring for power and hand control connections.



Figure 1: The Uetmulik Emomo 3MR135-334E Linear Actuator Motor, showing the main body and connecting cables.

Setup and Installation

This motor is designed as a direct replacement for Emomo Model 3MTR 3MR135-334E. Before installation, verify that the model number on your existing motor matches this replacement. The model number is typically found on a label on the motor body.

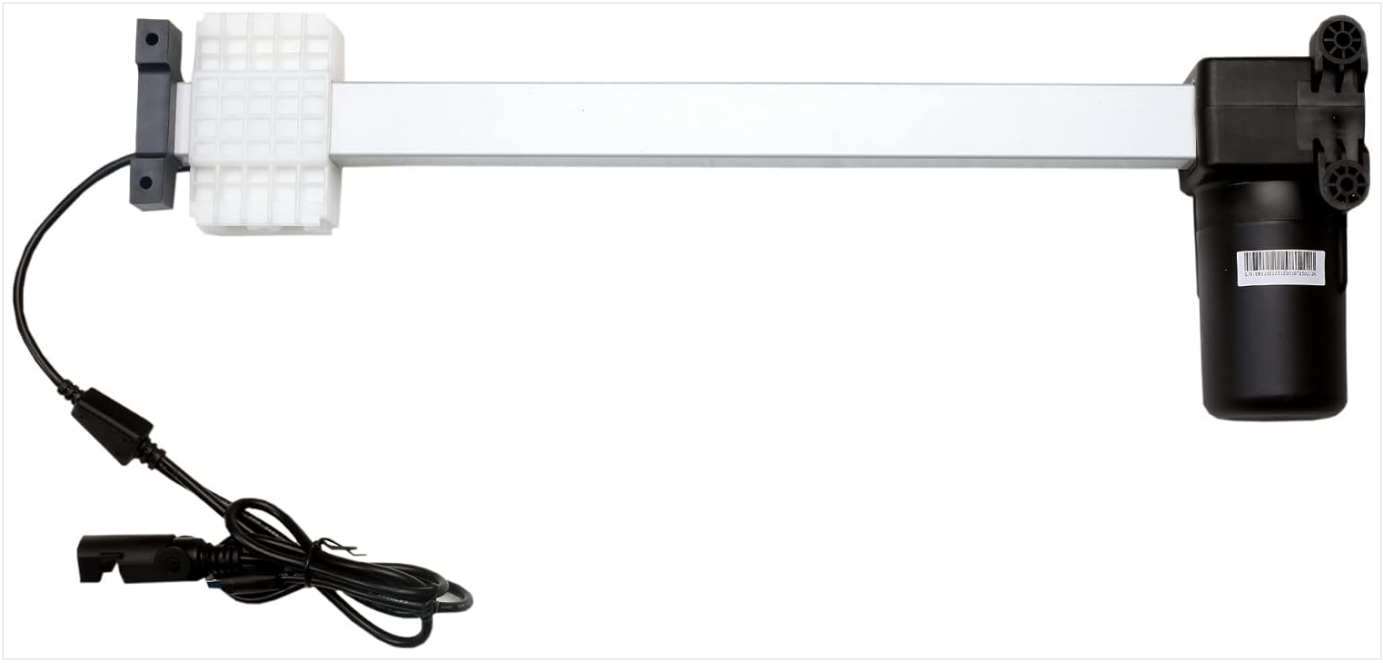


Figure 2: Close-up of the motor label, indicating Model 3MTR 3MR135-334E and electrical specifications.

Installation Steps:

1. **Preparation:** Ensure the recliner or lift chair is unplugged from the power outlet. Position the chair to allow easy access to the existing motor.
2. **Remove Old Motor:** Carefully disconnect the power transformer connection (2-pin flat round) and the hand control plug (5-pin) from the old motor. Unbolt or unclip the old motor from the chair frame. Note the orientation and mounting points.
3. **Install New Motor:** Mount the new Uetmulik Emomo 3MR135-334E motor into the same position as the old one. Ensure it is securely fastened.
4. **Connect Wiring:**
    - Connect the 2-pin flat round plug from the power transformer to the corresponding port on the new motor.
    - Connect the 5-pin hand control plug to its designated port on the new motor.



Figure 3: Detail of the motor's end, showing the connection points for power and hand control.

5. **Verify Fit:** The motor has a minimum installation size of 135mm (5.31 inches) and a stroke of 334mm (13.15 inches). Ensure these dimensions are compatible with your chair's mechanism.
6. **Test Functionality:** Once all connections are secure, plug the chair back into a power outlet and test the hand control to ensure the motor operates smoothly through its full range of motion.

Operating Instructions

The Uetmulik Emomo 3MR135-334E Linear Actuator Motor functions as part of your recliner or lift chair's existing system. Operation is controlled via the chair's original hand control unit. Press the appropriate buttons on your hand control to extend or retract the footrest and recline or lift the chair.

- Ensure the power cord is securely plugged into a functional wall outlet.
- Use the hand control gently; avoid excessive force on the buttons.
- Do not obstruct the motor's movement path during operation.

Maintenance

To ensure the longevity and optimal performance of your linear actuator motor:

- **Cleaning:** Wipe the exterior of the motor clean with a dry or slightly damp cloth. Do not use abrasive cleaners or immerse the motor in water.
- **Inspection:** Periodically inspect the motor and its connections for any signs of wear, damage, or loose wiring.
- **Duty Cycle:** The motor has a duty cycle of 1 minute ON / 8 minutes OFF. Avoid continuous operation for extended periods to prevent overheating and ensure motor lifespan.

Troubleshooting

If the motor is not functioning correctly, consider the following troubleshooting steps:

- **No Power:**
  - Ensure the chair's power cord is securely plugged into a working electrical outlet.
  - Check the power transformer connection (2-pin flat round) to the motor.
  - Verify that the power supply unit itself is functioning (e.g., check for indicator lights if present).
- **Hand Control Not Responding:**
  - Ensure the 5-pin hand control plug is firmly connected to the motor.
  - Test the hand control unit if possible, or try a known working hand control if available.
- **Motor Hums but Doesn't Move:**
  - Check for any obstructions preventing the chair mechanism or motor from moving.
  - Ensure the motor is correctly mounted and aligned.
- **Incorrect Model:** Double-check the model number on your old motor and the replacement motor (3MR135-334E) to ensure compatibility.

If these steps do not resolve the issue, contact customer support or a qualified technician.

Specifications

Feature	Detail

Feature	Detail
Model	3MTR 3MR135-334E
Brand	Uetmulik (Replacement for Emomo)
Stroke	334mm / 13.15 inches
Minimum Install Size	135mm / 5.31 inches
Input Voltage	DC24V
Current	2.2A
Max. Load (Push)	1000N
Speed	41mm/sec
Duty Cycle	1 minute ON / 8 minutes OFF
Power Connection	2 Pin Flat Round
Hand Control Connection	5 Pin
Material	Aluminum
Item Weight	6.09 pounds (2.77 kg)
Package Dimensions	24.6 x 7 x 4 inches

Warranty and Support

Warranty Information: Specific warranty details for this replacement motor are not provided in the product information. Please refer to your purchase documentation or contact the seller directly for warranty inquiries.
Customer Support: For further assistance, technical support, or questions regarding your Uetmulik Emomo 3MR135-334E Linear Actuator Motor, please contact Uetmulik customer service through the retailer where the product was purchased.

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