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> Okin JLDQ.18.137.333D01 Power Recliner Motor Replacement Manual

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Model: JLDQ.18.137.333D01

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Okin JLDQ.18.137.333D01 motor, designed as a replacement part for power recliner lift chairs. Please read this manual thoroughly before attempting any installation or operation to ensure safe and correct usage.

SAFETY INFORMATION

- Always disconnect power to the recliner before attempting any installation, removal, or maintenance of the motor. Failure to do so can result in electric shock or injury.
- Ensure all connections are secure and correctly oriented before restoring power.
- This motor is designed for specific power recliner lift chairs. Verify compatibility with your existing recliner model before installation.
- Keep hands and loose clothing clear of moving parts during operation.
- If you are unsure about any step, consult a qualified technician.

PACKAGE CONTENTS

The package includes the following items:

- 1 x Okin JLDQ.18.137.333D01 Refined Motor



Image: The Okin JLDQ.18.137.333D01 motor assembly, showing the main motor unit, linear actuator rod, and attached power and control cables.

PRODUCT OVERVIEW

The Okin JLDQ.18.137.333D01 is a linear actuator motor designed for power recliner and lift chair applications. It features a robust construction and specific connection types for integration into existing systems.



Image: A close-up view of the motor's identification label, displaying the model number JLDQ.18.137.333D01, voltage, maximum load, stroke, duty cycle, and various certifications (CE, cURus, TÜV Rheinland, FCC).

Connection Types:

- **Power Transformer Connection:** 2-pin flat round male plug. This connects to the power supply unit.
- **Hand Control Connection:** 5-pin female plug. This connects to the recliner's hand control unit.



Image: A detailed view of the motor's connection cables, highlighting the 5-pin female plug for the hand control and the 2-pin flat round male plug for the power transformer connection.

SETUP AND INSTALLATION

This section outlines the general steps for replacing an existing recliner motor. Always refer to your recliner's specific manual for detailed disassembly and assembly instructions.

1. **Disconnect Power:** Unplug the recliner from the wall outlet to ensure no power is supplied to the motor or controls.
2. **Access the Motor:** Carefully turn the recliner over or tilt it to gain access to the underside where the motor is located. You may need to remove fabric covers or panels.
3. **Identify Connections:** Note the connections of the existing motor. Typically, there will be a power connection from the transformer and a control connection from the hand remote.
4. **Disconnect Old Motor:** Disconnect the 2-pin power plug and the 5-pin hand control plug from the old motor.
5. **Remove Old Motor:** Unbolt or unclip the old motor from the recliner frame. Pay attention to how it is mounted.
6. **Install New Motor:** Position the new Okin JLDQ.18.137.333D01 motor in the same location as the old one. Secure

it using the existing bolts or clips. Ensure it is firmly attached.

7. **Connect New Motor:**

- Connect the 2-pin flat round male plug from the power transformer to the corresponding port on the new motor.
- Connect the 5-pin female plug from the hand control to the corresponding port on the new motor.

8. **Cable Management:** Route all cables safely, ensuring they are not pinched or in the way of moving parts. Use cable ties if necessary.

9. **Restore Power:** Once all connections are secure and the motor is properly mounted, plug the recliner back into the wall outlet.

10. **Test Operation:** Use the hand control to test the recliner's functions (recline, lift). Ensure smooth and correct movement.

Note: Before replacing the motor, always troubleshoot the switch and power supply first. Verify that the new motor's plug types match your recliner's connections.

OPERATING INSTRUCTIONS

After successful installation, operate your recliner using the existing hand control unit. The Okin JLDQ.18.137.333D01 motor will respond to the commands from your hand control to adjust the recliner's position.

- Press and hold the appropriate button on your hand control to recline or lift the chair.
- Release the button when the desired position is reached.
- Avoid continuous operation for extended periods. The motor has a duty cycle of 1 minute ON / 8 minutes OFF to prevent overheating.

MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your Okin motor.

- **Cleaning:** Keep the motor and surrounding area free from dust and debris. Use a dry cloth to wipe down the motor housing. Do not use liquid cleaners directly on the motor.
- **Inspection:** Periodically inspect all cables and connections for signs of wear, fraying, or damage. Ensure all mounting bolts are tight.
- **Lubrication:** The linear actuator rod is typically pre-lubricated. If you notice stiffness or unusual noise, a light application of silicone-based lubricant (avoid petroleum-based products) to the moving rod may be beneficial, but consult a professional if unsure.
- **Duty Cycle Adherence:** Respect the motor's duty cycle (1 minute ON / 8 minutes OFF) to prevent overheating and premature wear.

TROUBLESHOOTING

If your recliner is not operating correctly after motor replacement, consider the following common issues:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Motor does not respond.	No power, loose connections, faulty hand control, faulty power supply.	Check if the recliner is plugged into a working outlet. Ensure all 2-pin and 5-pin connections are fully seated. Test the hand control and power supply if possible (e.g., with another recliner or by checking indicator lights).
Motor operates slowly or with difficulty.	Low power, obstruction, motor overload, worn components.	Check power supply voltage. Inspect for any obstructions preventing smooth movement of the recliner mechanism. Ensure the recliner is not overloaded beyond its weight capacity.
Unusual noises from the motor.	Lack of lubrication, foreign object, internal motor issue.	Inspect for foreign objects near the motor or linear rod. Consider light lubrication of the linear rod (see Maintenance section). If noise persists, the motor may require professional inspection.

If troubleshooting steps do not resolve the issue, contact customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	JLDQ.18.137.333D01
Application	Power Recliner Lift Chairs
Stroke Length	333 mm (13.11 inches)
Minimum Installation Size (Shrink)	137 mm (5.40 inches)
Maximum Installation Size	470 mm (18.5 inches)
Load (Push Force)	750 N
Load (Pull Force)	750 N
Power Transformer Connection	2 Pin Flat Round Male Plug
Hand Control Connection	5 Pin Female Plug
Duty Cycle	1 minute ON / 8 minutes OFF
Item Weight	4.79 pounds
Package Dimensions	23.5 x 8.5 x 6 inches

Product Features



Made of:
1 motor and
1 connectors

Appearance:
black (PA), silver white(aluminum)

Stroke: 333 mm

Minimum dimension: 137 mm

Maximum dimension: 470 mm



**Easy to
install and
quiet in operation**

Image: A graphic summarizing the key product features and specifications, including stroke length, minimum and maximum dimensions, and connection types, alongside an image of the motor.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Okin JLDQ.18.137.333D01 motor, please refer to the documentation provided with your original recliner or contact Okin customer service directly. You can often find support contact information on the manufacturer's website or through your product retailer.

For patent information, please visit [dewertokin.com/patents](https://www.dewertokin.com/patents).



