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Okin JLDQ-12 Power Recliner Lift Chairs Motor Actuator Instruction Manual

Model: JLDQ.12.157.333K

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Okin JLDQ-12 Power Recliner Lift Chairs Motor Actuator. This product is designed as a direct replacement part for various JLDQ.12.157.333 series models, including JLDQ.12.157.333E, F, G, H, L, P, U, V, W, X, and Z. It is crucial to verify the motor SKU on the label and ensure the cable connectors and motor end shapes match your existing unit before installation.

PRODUCT OVERVIEW

The Okin JLDQ-12 motor actuator is a linear actuator specifically engineered for use in power recliners and lift chairs. It comprises a robust motor housing, an extendable rod (stroke), and necessary electrical connection cables.



Image: The Okin JLDQ-12 motor actuator, showing the main body, extendable rod, and electrical cables. Included mounting hardware, such as screws and pins, are also visible.

Key Features

- Direct replacement for JLDQ.12.157.333E/F/G/H/L/P/U/V/W/X/Z models.
- Equipped with a low-voltage DC motor (24V).
- Primarily designed for application in electric sofas and massage chairs.

Dimensions and Stroke

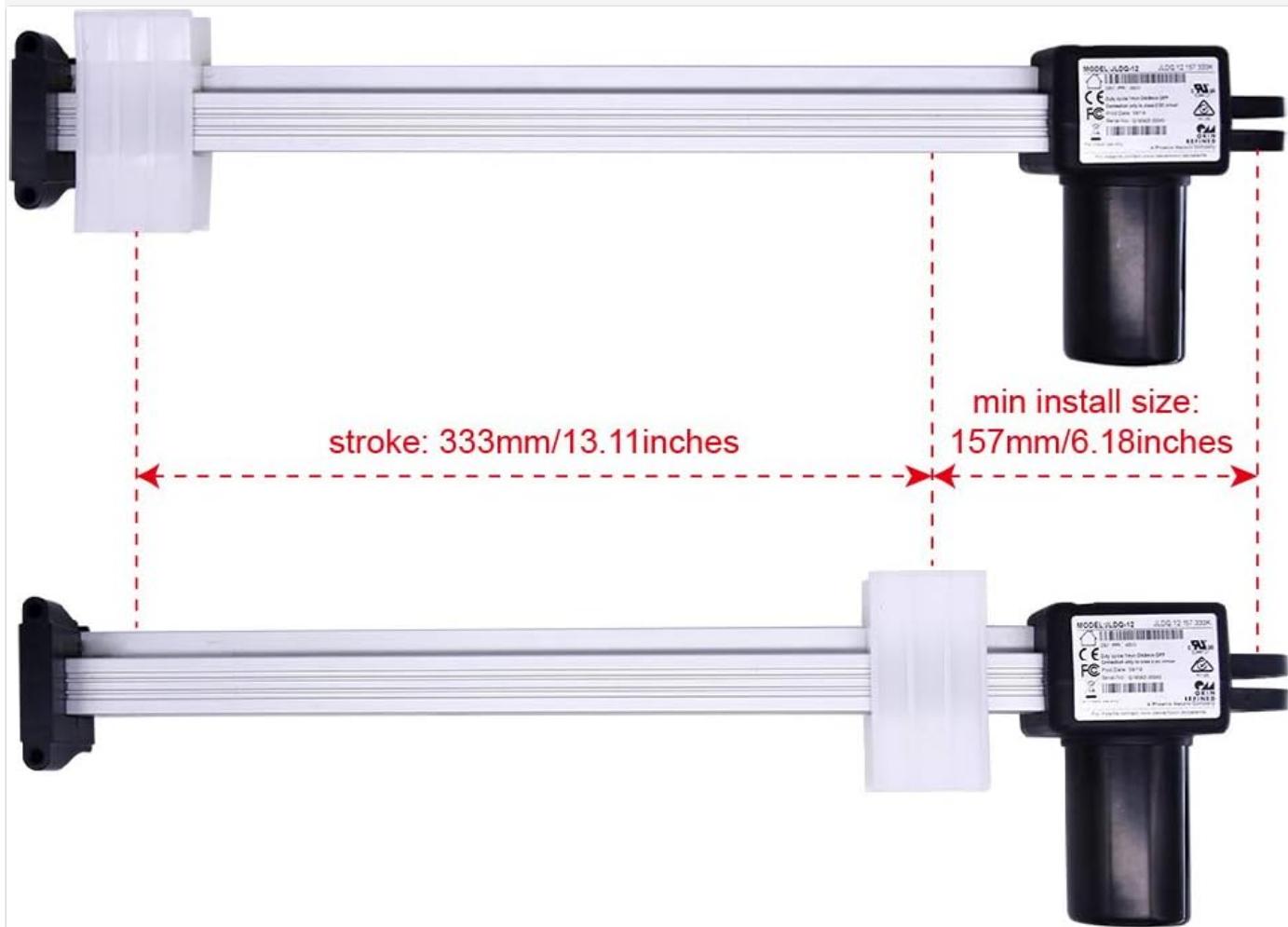


Image: A diagram illustrating the actuator's stroke length of 333mm (13.11 inches) and a minimum installation dimension (shrink) of 157mm (6.18 inches).

Product Label Details



Image: A close-up view of the product label, displaying the model number JLDQ.12.157.333K, voltage (29V), wattage (48W), and duty cycle (1 minute ON / 8 minutes OFF). It also shows compliance certifications.

Cable Connectors



Image: A detailed view of the various electrical cable connectors attached to the actuator, including a standard round connector and a flat, multi-pin connector, essential for power and control signals.

SPECIFICATIONS

Technical Data

Feature	Value
Model	JLDQ.12.157.333K
Motor Type	Low-voltage DC motor (24V)

Feature	Value
Operation Frequency	On 1 min / Off 8 min
Stroke	333mm (13.11 inches)
Minimum Install Dimension (Shrink)	157mm (6.18 inches)
Push Force	750N
Pull Force	750N
Appearance	Black (PA), Silver White (Aluminum)
Item Weight	4.56 pounds
Package Dimensions	22.5 x 7.5 x 4 inches
Country of Origin	China

SETUP AND INSTALLATION

Before beginning installation, ensure the power to the recliner or lift chair is disconnected. Verify that the motor SKU "JLDQ.12.157.333K" on the label and the cable connectors/motor end shapes match your existing unit.

Tools Required

- Wrenches (appropriate sizes for mounting bolts)
- Screwdrivers (if applicable)
- Pliers (for pins, if applicable)

Step-by-Step Installation

1. Carefully tip the recliner or lift chair to access the underside.
2. Locate the existing motor actuator. Note its mounting points and how it connects to the chair's frame and mechanism.
3. Disconnect all electrical cables from the old actuator. Pay attention to the type and orientation of each connector.
4. Remove the mounting bolts or pins securing the old actuator to the chair frame.
5. Carefully remove the old actuator.
6. Position the new Okin JLDQ-12 actuator in the same location. Align the mounting holes.
7. Secure the new actuator using the provided mounting bolts and pins. Ensure all connections are tight and secure.
8. Connect all electrical cables to the new actuator. Ensure each connector is fully seated. Some models may have an extra accessory cable; if not used, secure it out of the way.
9. Carefully return the chair to its upright position.
10. Reconnect power to the chair and test the actuator's function.

Note: The new assembly may have a slightly different plastic mount, but the holes should be in the same location. Use the

new mounting bolts provided.

OPERATING INSTRUCTIONS

Once the Okin JLDQ-12 motor actuator is installed, operate your recliner or lift chair using its standard remote control or switch.

- Press and hold the appropriate button on your remote or switch to extend or retract the footrest and recline the backrest.
- Release the button when the desired position is reached.

Important Operating Considerations

- The motor has an operation frequency of "On 1 minute / Off 8 minutes". This means the motor is designed for intermittent use. Avoid continuous operation for more than 1 minute to prevent overheating and ensure longevity. Allow at least 8 minutes of rest between extended uses.
- Do not exceed the maximum weight capacity of your recliner or lift chair.
- Ensure no obstructions are in the path of the moving parts during operation.

MAINTENANCE

Regular maintenance helps ensure the longevity and smooth operation of your Okin JLDQ-12 motor actuator.

- **Cleaning:** Keep the actuator free from dust and debris. Use a dry, soft cloth for cleaning. Do not use liquid cleaners directly on the motor or electrical components.
- **Lubrication:** The actuator is generally maintenance-free regarding lubrication. Do not apply lubricants unless specifically instructed by the manufacturer.
- **Cable Inspection:** Periodically inspect all electrical cables for signs of wear, fraying, or damage. Ensure all connections are secure.
- **Mounting Inspection:** Check mounting bolts and pins periodically to ensure they remain tight. Tighten if necessary.

Storage

If the chair or actuator is to be stored for an extended period, ensure it is in a dry, cool environment, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If your recliner or lift chair is not functioning correctly after installing the Okin JLDQ-12 actuator, refer to the following troubleshooting steps.

Problem	Possible Cause	Solution
Motor does not operate	No power	Check power supply to the chair. Ensure the power cord is securely plugged into an outlet and the chair.
Motor does not operate	Loose cable connection	Verify all electrical cables connected to the actuator are securely seated.

Problem	Possible Cause	Solution
Motor does not operate	Faulty remote/switch	Test the remote or switch. If possible, try a known working remote/switch.
Motor operates intermittently or slowly	Overheating	Adhere to the "On 1 min / Off 8 min" duty cycle. Allow the motor to cool down.
Motor operates intermittently or slowly	Obstruction	Check for any objects or fabric obstructing the movement of the actuator or chair mechanism.
Actuator makes unusual noises	Loose mounting	Check and tighten all mounting bolts and pins.
Actuator makes unusual noises	Internal issue	If noises persist and operation is affected, contact customer support.

If the problem persists after attempting these solutions, it may indicate a more complex issue. Contact qualified service personnel or the manufacturer for assistance.

WARRANTY AND SUPPORT

Warranty Information

For specific warranty terms and conditions, please refer to the warranty documentation provided with your original purchase or contact Okin customer support directly.

Customer Support

For technical assistance, replacement parts, or further inquiries, please visit the official Okin website or contact their customer service department.

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This manual is for informational purposes only. Specifications are subject to change without notice.