

Okin JLDQ-11 & JLDQ.11.156.204D

Okin Motor Model JLDQ-11 & JLDQ.11.156.204D Power Recliner Actuator Instruction Manual

For JLDQ.11.156.204D02/D04/D05/D05-JY/D06/D09/F/N Series

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Okin Refined-R Model JLDQ.11.156.204D Recliner Motor. This motor is an original Okin JLDQ series product designed for power recliners, electric sofas, and lift chairs. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

- Always disconnect power before attempting any installation, maintenance, or troubleshooting.
- Ensure all connections are secure and correct before restoring power.
- This motor is designed for indoor use only.
- Do not operate the motor if any part is damaged or if it has been exposed to water.
- Keep hands and loose clothing clear of moving parts during operation.
- Refer to a qualified technician if you are unsure about any installation or repair procedures.

PRODUCT OVERVIEW AND FEATURES

The Okin JLDQ.11.156.204D motor is a robust linear actuator designed for various reclining furniture applications. It is compatible with several JLDQ series models, including JLDQ.11.156.204D02/D04/D05/D05-JY/D06/D09, and JLDQ.11.156.204F/N series. Minor differences in plug location do not affect functionality.



Figure 1: Overview of the Okin JLDQ.11.156.204D Recliner Motor, showing its linear actuator design and attached cables.



Figure 2: Close-up of the motor's identification label, showing "MODEL:JLDQ-11" and "JLDQ.11.156.204D". The serial number Q23071221 00030 is also visible. For patent information, visit dewertokin.com/patents.



Figure 3: The two connectors included with the motor: a 2-pin plug for power supply and a 5-pin round plug for the recliner switch hand control.



Figure 4: The Okin motor shown in context with a recliner, illustrating its application.

Key Features:

- Consists of 1 motor and 2 connectors.
- Appearance: Black (PA) and Silver White (Aluminum).
- Stroke: 204 mm.
- Minimum Installation Size (shrink): 156 mm.
- Maximum Installation Size: 360 mm.
- Load Capacity: Push force: 1500 N, Pull force: 1500 N.
- Operation Frequency: On 1 min / Off 8 min.

SETUP AND INSTALLATION

Before installation, ensure the new motor matches the brand and model of your existing recliner motor. Different actuators may not be compatible with your furniture's frame due to strict demands on minimum installation dimensions, stroke, and plugs.

1. **Disconnect Power:** Unplug the recliner from the wall outlet.
2. **Access Motor:** Carefully turn the recliner over or tilt it to access the existing motor and wiring.
3. **Remove Old Motor:** Disconnect the power supply and hand control cables from the old motor. Unbolt or unclip the old motor from the recliner frame. Note the orientation and mounting points.
4. **Install New Motor:** Position the new Okin motor in the same location as the old one. Secure it to the recliner frame using appropriate bolts or clips. Ensure it is firmly attached.
5. **Connect Cables:**
 - Connect the 2-pin square plug with clip to the power supply.
 - Connect the 5-pin round plug to the switch hand control.



Figure 5: The Okin motor with its power and control cables properly connected, ready for installation.

6. **Verify Connections:** Double-check all connections to ensure they are secure and correctly seated.
7. **Restore Power:** Once all connections are verified, plug the recliner back into the wall outlet.

OPERATING INSTRUCTIONS

After successful installation, operate your recliner using its standard hand control. The Okin motor will respond to the commands from the hand control to extend or retract the recliner mechanism.

- Press and hold the appropriate button on your hand control to recline or return the chair to its upright position.
- Release the button to stop the movement at any desired position.
- Avoid continuous operation for more than 1 minute to prevent overheating. Allow 8 minutes of rest after 1 minute of operation.

MAINTENANCE

The Okin recliner motor is designed for durability and requires minimal maintenance. Regular checks can help ensure its longevity.

- **Cleaning:** Keep the motor and surrounding area free from dust and debris. Use a dry cloth to wipe down the exterior. Do not use liquid cleaners directly on the motor.
- **Cable Inspection:** Periodically inspect all cables and connections for signs of wear, fraying, or damage. Ensure plugs are securely seated.
- **Lubrication:** The motor is pre-lubricated and generally does not require additional lubrication. If you notice unusual friction in the recliner mechanism, consult your furniture's manual or a professional.

TROUBLESHOOTING

If your recliner is not functioning correctly after motor replacement, follow these troubleshooting steps:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Motor does not operate.	No power, loose connection, faulty hand control, or faulty power supply.	<p>Check if the recliner is plugged into a working outlet.</p> <p>Verify all cable connections (power and hand control) are secure.</p> <p>Test the hand control if possible (e.g., with another compatible motor).</p> <p>Test the power supply (transformer) for output voltage.</p>
Motor operates intermittently.	Loose connection, overheating, or internal motor issue.	<p>Check all connections for looseness.</p> <p>Ensure the motor has adequate rest time (1 min on / 8 min off).</p> <p>If the issue persists, the motor may require professional inspection.</p>
Motor makes unusual noises.	Obstruction, worn gears, or internal damage.	<p>Inspect the area around the motor for any obstructions.</p> <p>If the noise persists and is mechanical, professional service may be required.</p>

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

SPECIFICATIONS

Attribute	Value
Model	JLDQ.11.156.204D
Load (Push/Pull Force)	1500 N (approx. 337 lbs)
Stroke	204 mm (approx. 8.03 inches)
Minimum Installation Size (Shrink)	156 mm (approx. 6.14 inches)
Maximum Installation Size	360 mm (approx. 14.17 inches)
Operation Frequency	On 1 min / Off 8 min
Appearance	Black (PA), Silver White (Aluminum)
Item Weight	5.59 pounds
Package Dimensions	23.5 x 8.5 x 5.25 inches

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Okin website or contact your point of purchase. Ensure you have your product model number (JLDQ.11.156.204D) and any purchase details available when seeking support.

Visit the official Okin Store for more products and information:[Okin Store on Amazon](#).

© 2023 Okin. All rights reserved.

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