

Okin JLDQ.12.133.226M

Okin JLDQ-12 & JLDQ.12.133.226M Power Recliner Motor Actuator Replacement Instruction Manual

Model: JLDQ.12.133.226M

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of the Okin JLDQ-12 and JLDQ.12.133.226M power recliner and bed motor actuator replacement. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. PRODUCT OVERVIEW AND COMPONENTS

The Okin JLDQ.12.133.226M is an electric linear actuator designed for power recliners and adjustable beds. It is specifically engineered as a direct replacement for the original Okin JLDQ.12.133.226M model.

2.1 Key Components

- **Actuator Motor:** The main unit responsible for linear movement.
- **Connectors:**
 - **5-pin round plug:** For connecting to the switch hand control.
 - **2-pin square plug:** For connecting to the power supply.



Figure 1: Okin JLDQ.12.133.226M motor actuator with attached cables.



Figure 2: Detailed view of the 5-pin round plug for the recliner switch and the 2-pin square plug for the power supply.

3. SPECIFICATIONS

Feature	Detail
Model Name	JLDQ.12.133.226M
Load Capacity	Push force: 750N, Pull force: 750N
Stroke	226 mm
Minimum Installation Size (Shrink)	133 mm
Maximum Installation Size	359 mm
Operation Frequency	On 1 min / Off 8 min
Speed	29VDC SMPS, 10 sec without load
Appearance	Black (PA), Silver White (Aluminum)
Product Dimensions	8.9 x 8.9 x 14.13 inches
Item Weight	4.59 pounds (2.09 Kilograms)



5-pin plug for
recliner switch

2-pin plug for
power supply

Figure 3: Product label displaying technical data and model information, including serial number **Q21061699 00271** and model **JLDQ.12.133.226M**. For patent information, visit www.dewertokin.de/patents.

4. SETUP AND INSTALLATION

Important Compatibility Note: This motor is specifically designed to replace the **OKIN model JLDQ.12.133.226M**. Different actuator/motors are generally not compatible due to strict requirements for minimum installation dimensions, stroke, and plug types. Always verify your existing motor's brand and model before attempting replacement.

4.1 Pre-Installation Checks

1. **Verify Model:** Confirm that your existing motor is an Okin JLDQ.12.133.226M.
2. **Power Disconnection:** Ensure the power supply to the recliner or bed is completely disconnected before starting any installation work.
3. **Inspect Components:** Check the new motor and cables for any visible damage.

4.2 Installation Steps

1. **Remove Old Motor:** Carefully detach the old motor from the recliner or bed frame. Note how it was connected to ensure correct installation of the new unit.
2. **Position New Motor:** Align the new Okin JLDQ.12.133.226M motor with the mounting points on the frame.
3. **Secure Motor:** Fasten the motor securely to the frame using appropriate hardware (not included, typically reused from the old motor or provided with the furniture).
4. **Connect Cables:**
 - Connect the **5-pin round plug** to the hand control switch.
 - Connect the **2-pin square plug** to the power supply unit.
5. **Cable Management:** Ensure all cables are routed safely, away from moving parts, and secured to prevent pinching or damage.



Figure 4: Example of the motor actuator mounted, showing its extended position.

5. OPERATING INSTRUCTIONS

Once the motor is correctly installed and all connections are secure, reconnect the main power supply to your recliner or adjustable bed.

1. **Power On:** Plug the recliner/bed into a suitable power outlet.
2. **Hand Control:** Use the hand control unit to operate the recliner or bed. Press and hold the appropriate buttons to extend or retract the actuator, adjusting the position as desired.
3. **Duty Cycle:** Adhere to the specified operation frequency: **On 1 minute / Off 8 minutes**. Continuous operation beyond 1 minute can lead to overheating and damage to the motor. Allow the motor to cool down for at least 8 minutes after 1 minute of continuous use.

6. MAINTENANCE

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

- **Cleaning:** Wipe clean the exterior of the motor and cables with a dry or slightly damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Cable Inspection:** Periodically check all cables and connections for wear, fraying, or loose plugs. Ensure they are securely attached and not pinched.
- **Moving Parts:** Ensure the linear shaft moves freely and is not obstructed by debris or fabric.
- **Lubrication:** The motor is generally maintenance-free regarding internal lubrication. Do not attempt to lubricate internal components unless specifically instructed by Okin support.

7. TROUBLESHOOTING

If your recliner or adjustable bed is not functioning correctly, follow these troubleshooting steps:

1. No Movement:

- Check if the power cord is securely plugged into the wall outlet and the power supply unit.
- Verify that the 2-pin square plug from the motor is firmly connected to the power supply.
- Ensure the 5-pin round plug from the motor is properly connected to the hand control.
- Test the wall outlet with another appliance to confirm it has power.

2. Intermittent Movement:

- Inspect all cable connections for looseness or damage.
- Ensure the motor is not overheating. Allow it to cool down if it has been operated continuously.

3. Unusual Noises:

- Check for any obstructions around the motor or the linear shaft.
- Ensure the motor is securely mounted and not vibrating against the frame.

4. Motor Does Not Extend/Retract Fully:

- Verify that there are no physical obstructions preventing full movement.
- Ensure the motor is correctly installed with the specified minimum and maximum installation sizes.

If issues persist after following these steps, contact Okin customer support or a qualified technician.

8. IMPORTANT SAFETY INFORMATION

- Always disconnect power before performing any installation, maintenance, or cleaning.
- This product is designed for indoor use only.
- Do not allow children or pets to play near the moving parts of the recliner or bed.
- Ensure proper cable routing to prevent tripping hazards or damage to the cables.
- Do not attempt to modify the motor or its components. Unauthorized modifications can lead to malfunction and void the warranty.
- Only use this motor as a replacement for the specified Okin JLDQ.12.133.226M model. Using incompatible parts can cause damage to the furniture and the motor.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Okin website or contact your product retailer. Keep your purchase receipt as proof of purchase for warranty claims.
You can visit the Okin store for more products and information:[Okin Store on Amazon](#).

