

## Okin JLDQ.12.157.333L

# Okin Motor JLDQ 12 & JLDQ.12.157.333L Power Recliner Actuator Replacement Manual

Model: JLDQ.12.157.333L

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Okin Refined-R Model: JLDQ.12.157.333L Recliner Motor. This is an original Okin JLDQ motor designed for power recliner, electric sofa, and lift chair applications. It is compatible with various JLDQ.12.157.333 series models, including JLDQ.12.157.333D/E/F/G/H/I/J/K/O/P/Q, with minor differences that do not affect functionality.

## SAFETY INFORMATION

- Always disconnect power before performing any installation, maintenance, or troubleshooting.
- Ensure all connections are secure and correctly wired to prevent electrical hazards.
- Do not operate the motor if any part is damaged or if it makes unusual noises.
- Keep hands and loose clothing clear of moving parts during operation.
- This motor is designed for indoor use only.
- If you are unsure about any step, consult a qualified technician.

## PRODUCT OVERVIEW

The Okin JLDQ.12.157.333L actuator motor set consists of one motor and one connector. The connector features a 2-pin plug with a clip, designed for connection to the master motor or power supply.



**Figure 1:** Complete Okin JLDQ.12.157.333L motor assembly, showing the linear actuator and motor housing.



**Figure 2:** Detailed view of the motor label, indicating model [JLDQ.12.157.333L](#), serial number [Q21118492 00007](#), and electrical specifications (29V, 48W).



## 2-pin plug for power supply

**Figure 3:** The 2-pin plug and clip connector for the power supply, essential for motor operation.

### SETUP AND INSTALLATION

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This Okin refined motor is designed for easy installation. Before proceeding, ensure the new motor matches your existing recliner motor's brand, model, minimum install dimension, stroke, and plugs. This motor is a direct replacement for OKIN motor model JLDQ.12.157.333L and compatible with JLDQ.12.157.333D/E/F/G/H/I/J/K/O/P/Q.

1. **Disconnect Power:** Unplug the recliner or lift chair from the main power outlet.
2. **Access Motor:** Carefully turn the furniture over or access the motor compartment.
3. **Remove Old Motor:** Disconnect the existing motor's power plug and any other connectors. Unscrew the mounting bolts

(typically 6 screws of the same size) that secure the motor to the frame. Gently remove the old motor.

4. **Install New Motor:** Position the new Okin JLDQ.12.157.333L motor in the same location as the old one. Align the mounting holes and secure the motor with the screws removed earlier. Ensure it is firmly attached.
5. **Connect Wiring:** Connect the 2-pin plug of the new motor to the corresponding power supply connector. Ensure the clip is securely fastened. Connect any other necessary wires (e.g., hand control).
6. **Test Functionality:** Once installed, carefully return the furniture to its upright position. Reconnect the power. Test the recliner's functions (e.g., recline, lift) to ensure the motor operates smoothly and quietly.



**Figure 4:** Example of the motor assembly within a recliner mechanism, illustrating its compact design.

## OPERATING INSTRUCTIONS

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The Okin JLDQ.12.157.333L motor operates in conjunction with your recliner's existing control system (e.g., hand remote, buttons). Once installed and connected, the motor will respond to commands from the control unit to extend or retract the linear actuator, facilitating the reclining or lifting motion of your furniture.

- Ensure the recliner is connected to a stable power source.
- Use the hand control or integrated buttons to initiate movement.
- The motor has an operation frequency of "On 1 min/Off 8 min" to prevent overheating. Avoid continuous operation for extended periods.
- Do not force the recliner's movement manually if the motor is engaged.

## MAINTENANCE

The Okin JLDQ.12.157.333L 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, soft cloth for cleaning. Do not use liquid cleaners directly on the motor.
- **Connections:** Periodically check all electrical connections to ensure they are secure and free from corrosion.
- **Moving Parts:** Inspect the linear actuator rod for any obstructions or damage. Ensure smooth movement. No lubrication is typically required for this sealed unit.
- **Cable Management:** Ensure power cables are not pinched or tangled, which could lead to damage.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Motor does not operate.	No power, faulty switch/remote, loose connection, motor overload.	<p><b>1. Power Supply:</b> Ensure the recliner is plugged into a working outlet. Check the power adapter for damage.</p> <p><b>2. Switch/Remote:</b> Test the hand control or integrated switch. If possible, try a known working switch.</p> <p><b>3. Connections:</b> Verify all plugs and connections are secure, especially the 2-pin connector to the motor.</p> <p><b>4. Overload Protection:</b> The motor has an internal thermal protection. If it was operated continuously, allow it to cool down for at least 8 minutes.</p>
Motor operates but recliner does not move.	Actuator rod disconnected, mechanical obstruction.	<p><b>1. Actuator Connection:</b> Check if the actuator rod is properly connected to the recliner mechanism.</p> <p><b>2. Obstruction:</b> Inspect for any objects or fabric obstructing the movement of the recliner mechanism or the actuator rod.</p>
Unusual noises from motor.	Internal damage, foreign object.	<p><b>1. Disconnect Power:</b> Immediately unplug the unit.</p> <p><b>2. Inspection:</b> Visually inspect the motor and actuator for any visible damage or foreign objects. If the noise persists or is severe, the motor may require replacement.</p>

**Note:** Always troubleshoot the switch and power supply first, then check the motor and plug to ensure it matches your recliner motor.

## SPECIFICATIONS

Feature	Detail
Model	JLDQ.12.157.333L
Appearance	Black (PA), Silver White (Aluminum)
Stroke	333 mm
Minimum Dimensions (Shrink)	157 mm

Feature	Detail
Maximum Dimensions (Extend)	490 mm
Load (Push Force)	750 N
Load (Pull Force)	750 N
Operation Frequency	On 1 min / Off 8 min
Input Voltage	29V DC
Power Consumption	48W
Item Weight	4.19 pounds
Product Dimensions	17.7 x 4 x 3 inches
Country of Origin	China



# Product Features



*Easy to install and  
quiet in operation*

**Made of:**

1 motor and 1 connector

**Appearance:**

black (PA), silver white  
(aluminum)

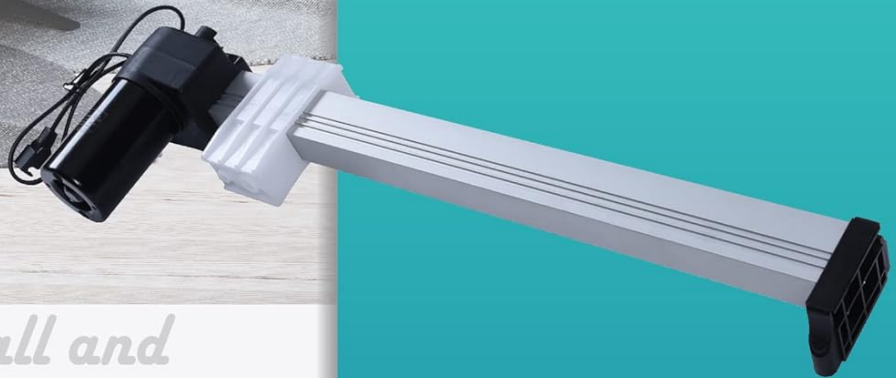
**Stroke:** 333 mm

**Minimum Inst Size:**

157 mm

**Maximum Inst Size:**

490 mm

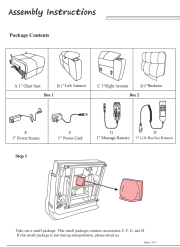


**Figure 5:** Visual summary of key product features and dimensions.

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Okin website or contact your point of purchase. Ensure you have your model number (JLDQ.12.157.333L) and serial number (if available on your specific unit, e.g., Q21118492 00007) ready when contacting support.

For more information about Okin and their commitment to quality, you can visit the [Okin Store on Amazon](#).



## Assembly Instructions for YB2213 Power Lift Recliner Chair

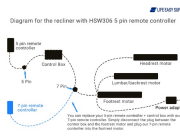
Step-by-step assembly guide for the YB2213 power lift recliner chair, including package contents, connection steps, and wiring instructions for power and remotes. Features heat and massage functions.

## Troubleshooting Guide for Okin Systems

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## Okin Systems Troubleshooting Guide: Lift Chair Repair and Maintenance

Comprehensive troubleshooting guide for Okin Systems used in lift chairs. Learn to diagnose and fix common issues with hand controls, transformers, motors, and spindle nuts. Includes installation tips.



## OKIN HSW306 5-Pin to 7-Pin Remote Controller Replacement Guide

Step-by-step instructions for replacing an OKIN HSW306 5-pin recliner remote controller with a 7-pin model, including wiring bypass, installation steps, and recommended accessories.



## OKIN Seating Systems: Components for Motion Furniture

Comprehensive catalog of OKIN's seating systems, including manual and power recliner mechanisms, mechatronics, lift chairs, relax chairs, headrests, lumbar supports, actuators, handsets, switches, and accessories for motion furniture.



## Bluetooth Plug-in Test Instruction for OKIN EMONS Actuators

Detailed test instructions for the OKIN EMONS Bluetooth Plug-in system, covering setup, app function testing, memory position saving and recall, and safety warnings. Includes component lists and operational steps.



[OKIN RF.31.24.01 Remote Control System User Manual](#)

Comprehensive user manual for the OKIN RF.31.24.01 22-key remote control system, detailing button functions, position setting procedures, and system components for adjustable beds.