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Okin JLDQ.12.157.333W

Okin JLDQ.12.157.333W Power Recliner Motor Actuator User Manual

Brand: Okin | **Model:** JLDQ.12.157.333W

INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your Okin JLDQ.12.157.333W Power Recliner Motor Actuator. This motor is designed as a direct replacement for specific Okin JLDQ models in power recliners and lift chairs. Please read this manual thoroughly before proceeding with any installation or troubleshooting to ensure safe and correct usage.

SAFETY INFORMATION

Important: Always disconnect power to the recliner or lift chair before attempting any installation, removal, or maintenance of the motor actuator. Failure to do so may result in electric shock or injury.

- Ensure the replacement motor's model number (JLDQ.12.157.333W) precisely matches your existing motor to guarantee compatibility.
- The maximum recommended weight for the recliner or lift chair with this motor is **650 pounds**. Do not exceed this weight limit.
- Keep hands, feet, and 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

Description

The Okin Refined-R Model JLDQ.12.157.333W is an original Okin JLDQ series recliner motor actuator. It is specifically designed for power recliners and lift chairs, providing the necessary push and pull force for smooth movement. This actuator operates on 29VDC SMPS and is engineered for reliable performance.

Key Features

- **Compatibility:** Specifically designed to replace Okin model JLDQ.12.157.333W. Verify your existing motor's brand and model before purchase.
- **Components:** Consists of one motor unit and four connectors.

- **Connectors:**

- One 7-pin round plug for the switch hand control.
- One 2-pin square plug with clip for power supply connection.
- Two 2-pin sockets for connecting slaved motors (if applicable).

- **Durable Construction:** Features a black PA (Polyamide) and silver-white aluminum appearance.

- **Easy Installation:** Designed for straightforward replacement.

Product Visuals and Components



Figure 1: Overall view of the Okin JLDQ.12.157.333W Power Recliner Motor Actuator, showing the main body and connected cables.

This image displays the complete motor actuator unit, highlighting its compact design and the attached wiring harness ready for connection.



Figure 2: Close-up of the product label, showing model number JLDQ.12.157.333W and serial number Q21065586 00319.

This detailed view of the motor's label provides critical identification information, including the model number, serial number, and technical specifications such as voltage (29V), wattage (48W), and duty cycle (1 min ON / 8 min OFF).

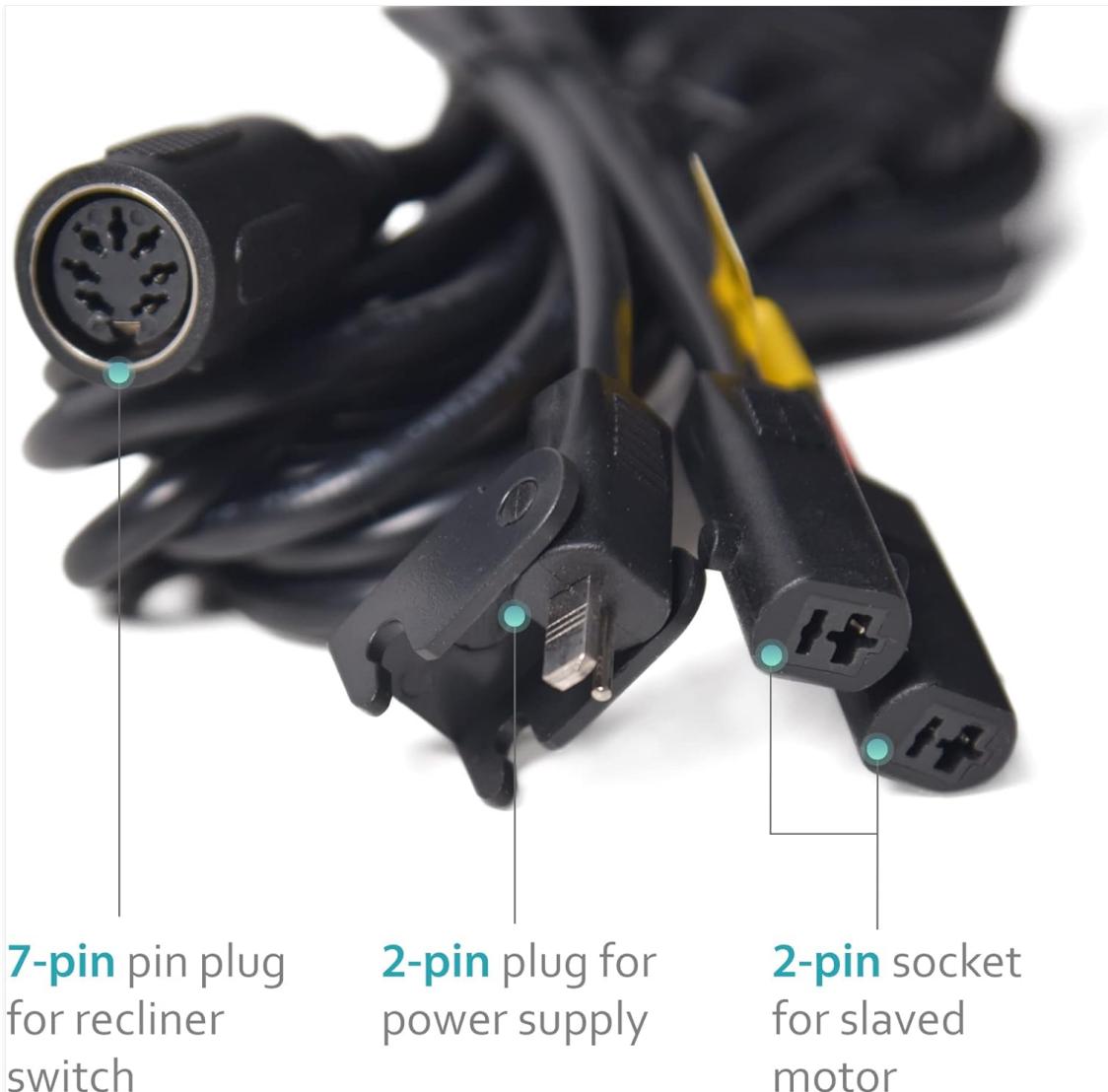


Figure 3: Detailed view of the actuator's connectors, including the 7-pin plug for hand control, 2-pin plug for power supply, and 2-pin sockets for slave motors.

This image clearly illustrates the various connection points of the motor, essential for proper installation. It shows the distinct plugs for the hand control, power input, and auxiliary slave motors.

Product Features

Made of:
1 motor and 4 connectors

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

Stroke: 333 mm

Minimum Inst Size:
157 mm

Maximum Inst Size:
490 mm



Easy to install and quiet in operation

Figure 4: Graphic illustrating key product features and dimensions, including stroke, minimum, and maximum installation sizes, alongside a recliner chair.

This visual summary highlights the motor's composition (1 motor, 4 connectors), appearance (black PA, silver aluminum), stroke length (333mm), minimum installation size (157mm), and maximum installation size (490mm). It also emphasizes the ease of installation and quiet operation.

SPECIFICATIONS

Attribute	Detail
Model Number	JLDQ.12.157.333W
Brand	Okin
Load (Push/Pull Force)	650N (Newtons)
Stroke	333 mm (moves with slide block)
Minimum Installation Size (Shrink)	157 mm
Maximum Installation Size	490 mm
Operation Frequency	On 1 min / Off 8 min

Attribute	Detail
Speed	29VDC SMPS, 8 sec without load
Appearance	Black (PA), Silver White (Aluminum)
Item Weight	4.99 pounds
Product Dimensions	17.7 x 4 x 3 inches
Maximum Weight Recommendation (Chair)	650 Pounds

SETUP AND INSTALLATION

This motor is designed for straightforward replacement. Before beginning, ensure you have the necessary tools (e.g., screwdriver) and that the recliner is disconnected from all power sources.

- Verify Compatibility:** Double-check that your existing motor is an Okin JLDQ.12.157.333W model. This is crucial for proper fit and function.
- Disconnect Power:** Unplug the recliner from the wall outlet. If it has a battery backup, disconnect that as well.
- Access Motor:** Carefully position the recliner to access the underside where the motor is located. This may involve tilting the chair or laying it on its side.
- Disconnect Old Motor:**
 - Unplug all connectors from the old motor (power, hand control, slave motors if present).
 - Note the orientation and connection points for reassembly.
- Remove Old Motor:** Unscrew any mounting bolts or screws securing the old motor to the recliner frame. Typically, there are 6 screws of the same size. Carefully remove the old motor.
- Install New Motor:**
 - Position the new Okin JLDQ.12.157.333W motor in the same location as the old one.
 - Secure it using the original mounting hardware. Ensure it is firmly attached and aligned.
- Connect New Motor:**
 - Connect the 7-pin round plug to the hand control.
 - Connect the 2-pin square plug to the power supply.
 - Connect any 2-pin slave motor sockets if your recliner uses them.
 - Ensure all connections are secure and properly seated.
- Test Functionality:** Once all connections are made, carefully plug the recliner back into the power outlet. Test the recliner's functions (recline, lift) using the hand control to ensure the motor operates correctly and smoothly.

OPERATION

The Okin JLDQ.12.157.333W motor actuator operates in conjunction with your recliner's existing hand control unit and power supply. Once installed, the motor will respond to commands from the hand control to extend or retract, facilitating the reclining or lifting motion of the chair.

- Ensure the recliner is connected to a stable power source.

- Use the hand control buttons to initiate movement.
- Avoid placing excessive weight or obstructions on the footrest or backrest during operation.
- Observe the duty cycle: The motor is designed for intermittent operation (1 minute ON / 8 minutes OFF). Continuous operation beyond this limit may lead to overheating and damage.

MAINTENANCE

Proper maintenance can extend the lifespan of your motor actuator.

- **Cleaning:** Keep the motor and surrounding area free from dust, dirt, and debris. Use a dry cloth to wipe down the exterior. Avoid using liquid cleaners directly on the motor.
- **Inspections:** Periodically inspect the wiring and connections for any signs of wear, fraying, or loose connections. Ensure all mounting screws remain tight.
- **Lubrication:** The motor is generally maintenance-free regarding internal lubrication. Do not attempt to lubricate internal components unless specifically instructed by the manufacturer.
- **Avoid Overloading:** Do not exceed the maximum weight recommendation of 650 pounds for the recliner.

TROUBLESHOOTING

If your recliner is not functioning correctly after motor replacement, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Motor does not respond / Recliner does not move.	<ul style="list-style-type: none"> ◦ No power to the recliner. ◦ Loose or incorrect connections. ◦ Faulty hand control switch. ◦ Motor overload/overheat. 	<ul style="list-style-type: none"> ◦ Check if the power cord is securely plugged into the wall outlet and the power supply. ◦ Verify all connectors (7-pin, 2-pin power, slave motor) are firmly seated. ◦ Test the hand control. If possible, try a known working hand control. ◦ Allow the motor to cool down for at least 8 minutes if it has been operated continuously.
Motor makes noise but does not move.	<ul style="list-style-type: none"> ◦ Obstruction in the mechanism. ◦ Motor or mechanism binding. 	<ul style="list-style-type: none"> ◦ Inspect the recliner mechanism for any foreign objects or fabric obstructions. ◦ Ensure the motor is correctly mounted and not binding against the frame.
Motor operates slowly or weakly.	<ul style="list-style-type: none"> ◦ Insufficient power supply. ◦ Overload. 	<ul style="list-style-type: none"> ◦ Ensure the power supply unit is functioning correctly and providing adequate voltage. ◦ Reduce the load on the recliner; ensure it is not exceeding the 650-pound weight limit.

If these steps do not resolve the issue, it may indicate a faulty component (power supply, hand control, or motor itself).

Contact customer support for further assistance.

WARRANTY AND SUPPORT

For specific warranty information regarding your Okin JLDQ.12.157.333W Power Recliner Motor Actuator, please refer to the documentation provided at the time of purchase or contact the seller directly. Warranty terms may vary.

For technical support, replacement parts, or further inquiries, please contact Okin customer service or the authorized dealer from whom you purchased the product. You can find more information and contact details on the official Okin website or through their Amazon store: [Okin Amazon Store](#).

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