Cardone 42-3015

Cardone 42-3015 Remanufactured Power Window Lift Motor Instruction Manual

Passenger Side (RH)

1. Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Cardone 42-3015 Remanufactured Power Window Lift Motor. This unit is designed as a direct-fit Original Equipment (OE) replacement for the passenger side (RH) of compatible vehicles. Each motor undergoes a rigorous remanufacturing process to ensure performance and reliability.
Please read this manual thoroughly before beginning installation to ensure proper function and safety.

2. Safety Information

WARNING: Disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage to the vehicle's electrical system.

- Always wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the vehicle is securely supported if lifting is required.
- Refer to your vehicle's service manual for specific procedures and torque specifications.
- Keep hands and tools clear of moving parts during testing.
- If you are unsure about any step, consult a qualified automotive technician.

3. Package Contents

Verify that all components are present before proceeding with installation:

- 1 x Cardone 42-3015 Remanufactured Power Window Lift Motor (Passenger Side RH)

- (Additional hardware, if applicable, may be included or required separately based on vehicle application.)

4. Installation Instructions

The following steps outline a general procedure for replacing a power window lift motor. Specific steps may vary depending on your vehicle's make and model. Always refer to your vehicle's service manual for precise instructions.

4.1. Preparation

1. **Gather Tools:** Ensure you have all necessary tools, including screwdrivers, wrenches, trim removal tools, and a multimeter.
2. **Disconnect Battery:** Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.
3. **Access Door Panel:** Carefully remove the interior door panel. This typically involves removing screws, clips, and disconnecting electrical connectors for switches and lights.
4. **Remove Water Shield:** Peel back or remove the plastic water shield to access the window regulator and motor assembly.

4.2. Removing the Old Motor

5. **Position Window:** If possible, manually move the window glass to a position that allows access to the motor mounting bolts. If the window is stuck, you may need to support it with tape or a wedge.
6. **Disconnect Electrical Connector:** Unplug the electrical connector from the old window motor.
7. **Remove Mounting Bolts:** Loosen and remove the bolts securing the window motor to the window regulator assembly.
8. **Separate Motor:** Carefully separate the old motor from the regulator gear assembly. Note the orientation for reassembly.

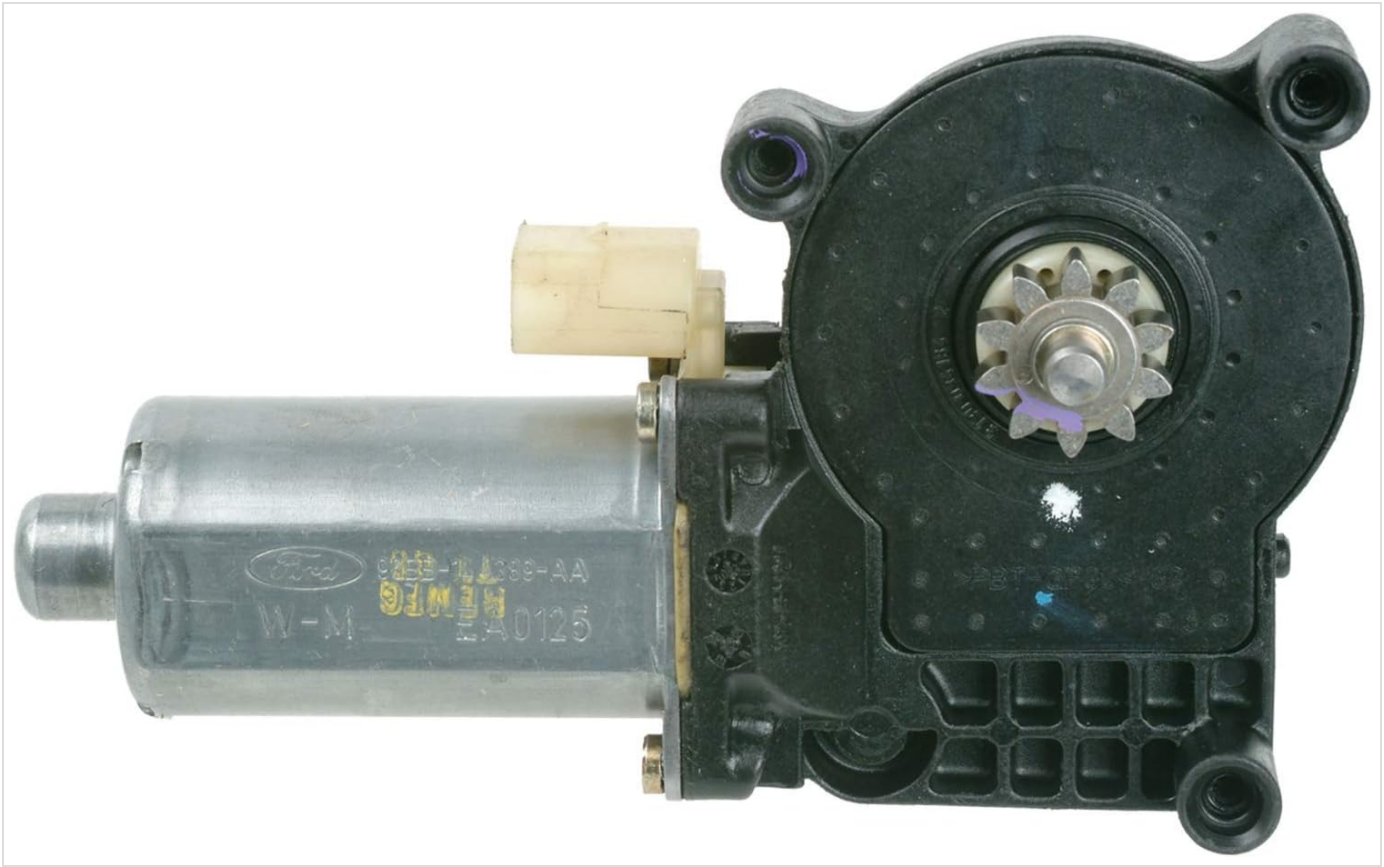


Image 1: Top view of the Cardone 42-3015 Power Window Lift Motor, showing the electrical connector and gear assembly. This view helps identify the motor's overall shape and connection points.

4.3. Installing the New Motor

9. **Align New Motor:** Align the new Cardone 42-3015 motor with the window regulator gear. Ensure the gear teeth mesh correctly.
10. **Secure Mounting Bolts:** Install and tighten the mounting bolts that secure the motor to the regulator. Refer to your vehicle's service manual for correct torque specifications.
11. **Connect Electrical Connector:** Plug in the electrical connector to the new motor.

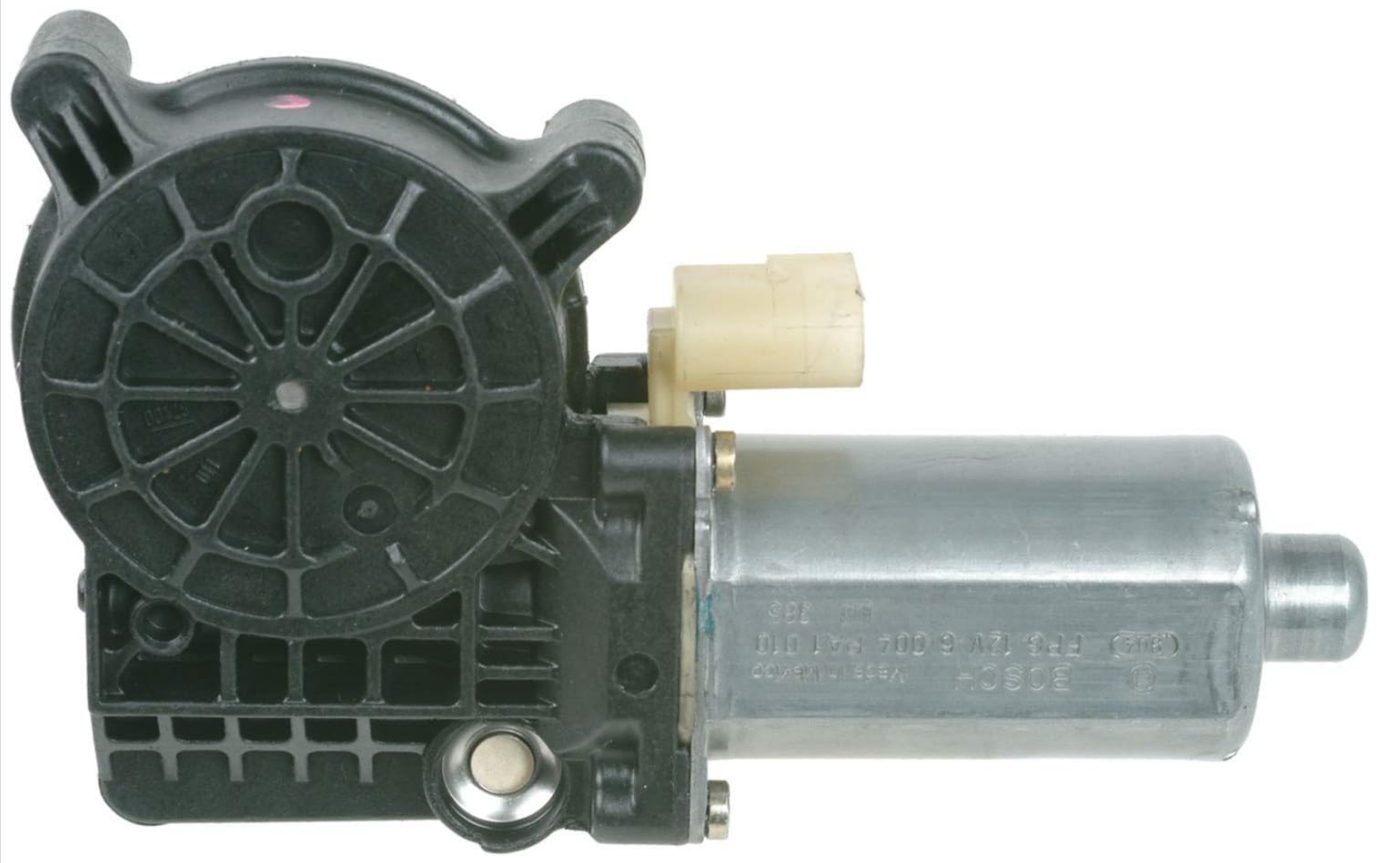


Image 2: Side view of the Cardone 42-3015 Power Window Lift Motor, highlighting the motor housing and output shaft. This perspective is useful for understanding the motor's depth and how it integrates with the regulator.

4.4. Testing and Reassembly

12. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
13. **Test Operation:** Test the window's up and down operation using the window switch. Ensure smooth movement and full travel.
14. **Reinstall Components:** Once satisfactory operation is confirmed, reinstall the water shield, door panel, and any other removed components in reverse order of removal.



Image 3: Angled view of the Cardone 42-3015 Power Window Lift Motor, providing a comprehensive look at its various components and mounting points. This view assists in visualizing the motor's fitment.

5. Operation

The Cardone 42-3015 Power Window Lift Motor operates in conjunction with your vehicle's existing power window switch and regulator assembly. Once properly installed, the motor will respond to commands from the window switch to raise and lower the passenger side window.

- Pressing the window switch down will lower the window.
- Pulling the window switch up will raise the window.
- Some vehicles may feature an "auto up/down" function, where a single press or pull fully opens or closes the window. The remanufactured motor is designed to be compatible with these features where applicable.

6. Maintenance

The Cardone 42-3015 Power Window Lift Motor is designed for long-term, maintenance-free operation. However, proper care of your vehicle's window system can extend its lifespan and ensure smooth function.

- **Window Tracks:** Periodically clean and lubricate your vehicle's window tracks with a silicone-based lubricant to ensure smooth window movement and reduce strain on the motor.
- **Electrical Connections:** Ensure all electrical connections remain clean and secure.
- **Avoid Obstructions:** Do not operate the window if there are obstructions in the window path, as this can damage the motor or regulator.

7. Troubleshooting

If you experience issues with your power window, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Window does not move.	Blown fuse, faulty switch, disconnected wiring, motor failure.	Check vehicle's fuse box for a blown window fuse and replace if necessary. Test the window switch for continuity. Inspect wiring for loose connections. If motor is new and still not working, verify proper installation and electrical connection.
Window moves slowly or with difficulty.	Dirty or dry window tracks, faulty regulator, weak motor.	Clean and lubricate window tracks. Inspect the window regulator for damage or binding.
Window makes grinding or clicking noises.	Damaged regulator gears, motor gear misalignment, foreign object in track.	Inspect the regulator and motor gears for damage. Ensure proper alignment. Check window tracks for debris.

If these steps do not resolve the issue, it is recommended to consult a professional automotive technician.

8. Specifications

Feature	Detail
Brand	Cardone
Model Number	42-3015
Part Type	Remanufactured Power Window Lift Motor
Side	Passenger Side (RH)
Voltage	230 Volts
Item Weight	1.6 pounds
Product Dimensions	7.25 x 4.13 x 4.5 inches

Feature	Detail
UPC	082617589819

Note: The listed voltage of 230 Volts may be a general specification from the manufacturer's database. Automotive power window motors typically operate on 12 Volts DC. Please refer to your vehicle's electrical system specifications.

9. Warranty Information

Cardone products are backed by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary. Please retain your proof of purchase.
For detailed warranty information, including coverage specifics and how to file a claim, please visit the official Cardone website or contact their customer support directly.

10. Customer Support

If you have any questions regarding the installation, operation, or troubleshooting of your Cardone 42-3015 Power Window Lift Motor, please contact Cardone customer support:

- **Website:** www.cardone.com
- **Phone:** Refer to the Cardone website for regional contact numbers.

When contacting support, please have your product model number (42-3015) and purchase information readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question