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Dorman 741-637

Dorman 741-637 Front Driver Side Power Window Regulator and Motor Assembly

INSTRUCTION MANUAL

Model: 741-637 | Brand: Dorman

1. Product Overview

The Dorman 741-637 Power Window Motor and Regulator Assembly is engineered and tested to match the fit, function, and performance of the original window regulator on specific vehicle years, makes, and models. This assembly provides a reliable replacement solution for restoring proper window operation.

Key Features:

- **Trustworthy Replacement:** Engineered and tested to match the fit, function, and performance of the original window regulator on specified vehicles.
- **Quality Assured:** Extensively tested by cycling thousands of times in an actual vehicle door to ensure a long, trouble-free service life.
- **Easy Installation:** Reverse-engineered to match the original equipment shape and dimensions for a direct, seamless fit.
- **Reliable Design:** Engineered in North America and backed by a long history of automotive aftermarket experience.

2. Compatibility

This Dorman 741-637 Front Driver Side Power Window Regulator and Motor Assembly is compatible with select Buick and Oldsmobile models. To ensure precise fitment, verify your vehicle's make, model, and trim level.

Compatible Models:

- Buick Century
- Oldsmobile Intrigue

For detailed year and engine specifications, please refer to the product packaging or a vehicle fitment guide.

3. Setup and Installation

Installation of a window regulator and motor assembly requires careful attention to detail. If you lack experience with automotive repairs, it is recommended to seek assistance from a qualified technician.

General Tips:

- Use painter's tape rather than duct tape to secure the window. It will not damage paint or leave sticky residue.
- A plastic pry tool is useful to avoid damaging delicate trim.
- The replacement regulator should have a liberal amount of grease on the slide area. If not, white lithium grease works well.
- Aftermarket window tinting can cause the window to travel slower and put additional strain on the assembly.
- Window run channels should be cleaned and lubricated before installation. Silicone spray works well.

Tools Required:

- Silicone spray lubricant
- Trim panel removal tool
- Pick
- Saddle cup assembly, tape, or wedge to hold window in place
- Flat-blade screwdriver or plastic pry tool
- 7mm and 10mm socket or driver
- Phillips screwdriver
- Grease pencil or marker
- Socket wrench
- Pry bar with flat end
- Cable cutter (if motor is immovable)

PLEASE WEAR SAFETY GLASSES DURING INSTALLATION!

Installation Steps (General Guide):

1. Gently pry around the plastic mirror trim piece and remove it.
2. Gently pry around the handle bezel and remove the bezel.
3. Gently pry around the window switch and remove the switch. Disconnect electrical connections to the switch.
4. Gently pry around the door lock bezel and unsnap it from the door panel. Unclip from the door lock rod and remove.
5. Using a 7mm socket, remove the three screws shown on the door panel.
6. Lift the trim panel up and remove it from the door.
7. Peel back the plastic water barrier enough to be able to remove the regulator.
8. Reconnect the window switch electrical connector. Move the window into a position where you can access the 10mm bolts that hold the window guide clamps. If the window motor does not operate, cut the window regulator cable with a cable cutter so that you can manually move the window where you can access the window guide bolts.
9. Loosen the 10mm window guide bolts enough so that the window can be separated easily from the clamps. Do

not remove the bolts or loosen all the way. The window glass needs to be supported by the clamps until the glass is secured.

10. Operate the switch or manually push the window into the full up position. Secure the window in place using a saddle cup assembly, painter's tape, or a wedge between the door frame and the window. Disconnect the electrical plug from the window lift motor.
11. Remove the six 10mm mounting bolts that secure the window regulator to the door frame in the order shown.
12. Remove the window regulator through the access hole.
13. Install the new window regulator through the access hole. Move the window regulator into the proper position and line up the bolt holes.
14. Install the 10mm bolts that were removed but do not completely tighten. The bolts should remain loose so the regulator can be moved around for proper final alignment.
15. Reconnect the window lift motor electrical plug. Remove tape or wedge from the window and door frame and lower the window into the window guide clamps making sure that the window is correctly seated in the guides.
16. Operate the window lift motor using the switch and send the window to the top position making sure that it is aligned properly in the window guide clamp.
17. Tighten the 10mm window clamp guide bolts evenly and torque to 9 N-m (80 lb in).
18. Tighten the six 10mm regulator mounting bolts in the order shown.
19. Lubricate the window run channels.
20. Operate the window up and down using the switch making sure that the glass moves smoothly and is seated properly in the run channel.
21. Disconnect the window switch.
22. Reinstall the plastic water barrier making sure the wires are poking through the correct holes.
23. Reinstall the interior trim panel. Move into place making sure that the electrical wires are pushing through the proper holes in the door panel.
24. Make sure the door handle is properly aligned with the hole in the door panel and that the door lock rod protrudes through the correct hole in the door panel.
25. Reconnect the window switch electrical plugs and snap the switch into place on the door panel.
26. Snap the plastic mirror cover back into place.
27. Perform a final operational check of the window regulator assembly by operating the window up and down.

Installation Video Reference:

▶ **Watch video online**
Dorman 741-644 Front Driver Side Power Window Regulator and Motor Assembly for Select Cadillac /...

Video: Dorman 741-644 Front Driver Side Power Window Regulator and Motor Assembly Installation Guide. This video provides a detailed step-by-step guide for installing a Dorman window regulator and motor assembly, which is similar to the 741-637 model.

4. Operating Instructions

Once installed, operate the power window regulator using the vehicle's integrated window switch. Pressing the switch down will lower the window, and pulling it up will raise the window. Ensure smooth and unobstructed movement of the window glass.

5. Maintenance

Regular maintenance helps ensure the longevity and smooth operation of your window regulator. Periodically inspect the window channels for debris and clean them as needed. Lubricate the window run channels with a silicone-based lubricant to reduce friction and prevent strain on the motor. Avoid using petroleum-based lubricants as they can damage rubber seals.

6. Troubleshooting

- **Window moves slowly or with difficulty:** Check for obstructions in the window channels. Clean and lubricate the channels. Inspect for any binding or misalignment of the window glass.
- **Window does not move:** Verify electrical connections to the window motor and switch. Check the vehicle's fuse box for a blown fuse related to the power windows. If the motor is completely unresponsive, it may require replacement.
- **Unusual noises during operation:** This could indicate worn components or a lack of lubrication. Inspect the regulator assembly for loose parts or damaged cables. Lubricate moving parts as necessary.

7. Specifications

Specification	Value
Manufacturer	Dorman Products
Brand	Dorman
Model	741-637
Item Weight	4.5 pounds
Product Dimensions	22.1 x 12.3 x 4 inches
Manufacturer Part Number	741-637
OEM Part Numbers	10315144, 10334397, 10434882, 19245391, 11A1, 11R21, 1552-6322L, 1553-1430L, 52112, 52114, 660168, 741637, 82-154BR, 82108, 82154BR, B462910, SK741637, WL41637, WLA2012, WPR0609LM, WR0135, WR51076
Position	Front Driver Side
Special Features	Easy to Install

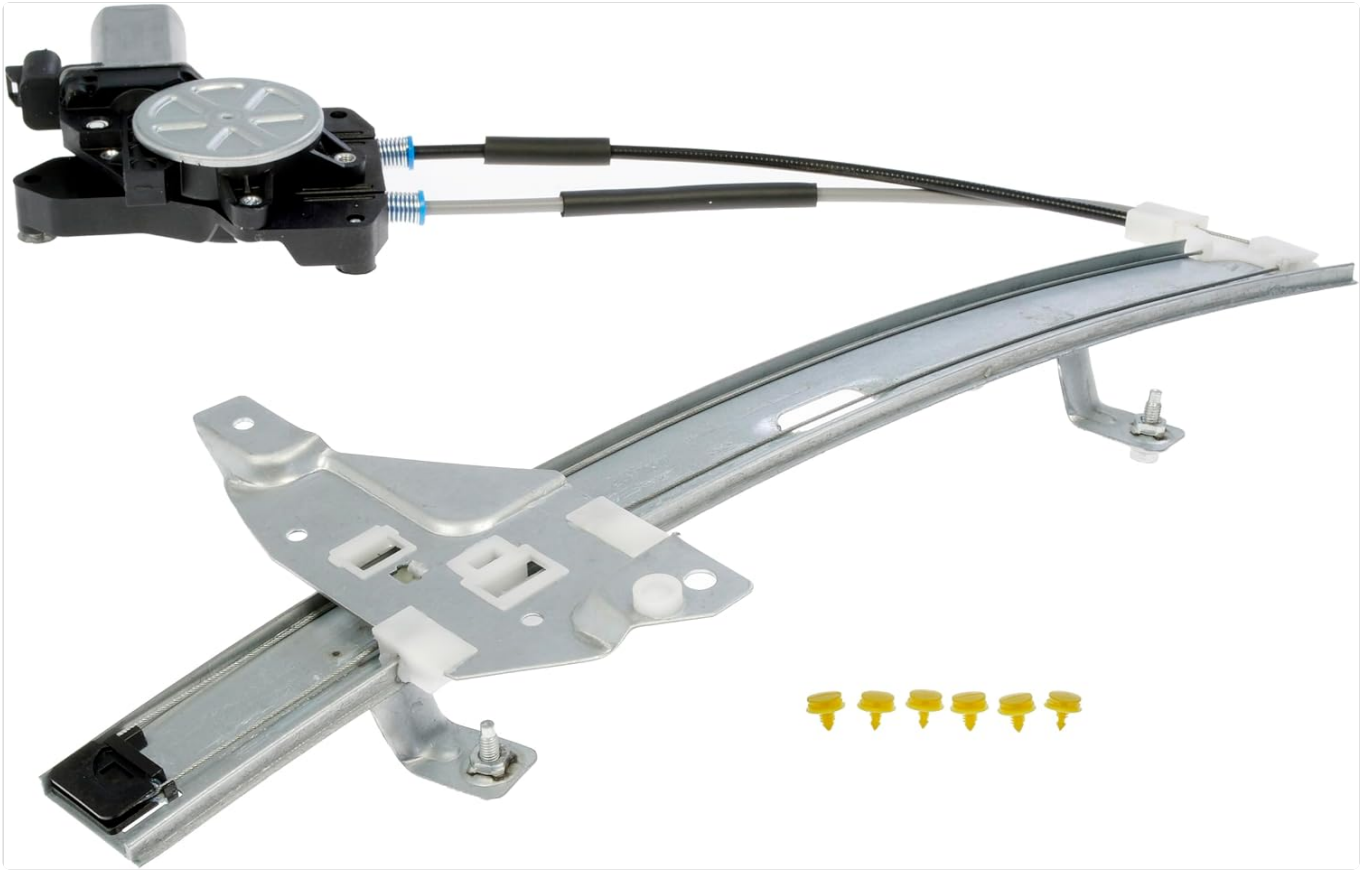
8. Product Images



Main view of the Dorman 741-637 Power Window Regulator and Motor Assembly.



Angled view showcasing the motor and cable system.



Opposite angled view of the assembly, highlighting the guide rails.



View of the assembly components, including the motor and cables.



Close-up of the electrical connector on the Dorman 741-637 assembly.

9. Support and Warranty

Dorman Products is committed to providing high-quality solutions and support. For technical assistance or warranty inquiries, please refer to the official Dorman Products website or contact their customer service.

Additional Resources:

- Installation and repair training resources are available.
- ASE Blue Seal Certified Technical Support is provided.
- Dorman has over 100 years of innovative history in the automotive aftermarket.

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