



Manuals.plus /

› TRQ /

› TRQ Front Power Window Regulator & Motor Assembly Set (WRA50606) for 2002-2007 Jeep Liberty - Instruction Manual

TRQ WRA50606

TRQ Front Power Window Regulator & Motor Assembly Set

MODEL: WRA50606 - INSTRUCTION MANUAL

Compatible with 2002-2007 Jeep Liberty

1. Product Overview

This TRQ Front Power Window Regulator & Motor Assembly Set is designed as a direct replacement for the original equipment in 2002-2007 Jeep Liberty vehicles. It ensures smooth and efficient operation of your vehicle's front windows, restoring proper function and eliminating issues such as sticking, slow movement, or complete failure. The pre-assembled components are engineered for precise fit, simplifying the installation process and removing the need for modifications.

2. What's Included

The TRQ Front Power Window Regulator & Motor Assembly Set includes the following components:

- 1x Front Driver Side Power Window Motor & Regulator Assembly
- 1x Front Passenger Side Power Window Motor & Regulator Assembly



KIT PART DETAILS

Includes 2 total parts



1x Front Driver Side Power Window Motor & Regulator Assembly

1x Front Passenger Side Power Window Motor & Regulator Assembly

Image: The complete TRQ Front Power Window Regulator and Motor Assembly Set, showing both driver and passenger side units.

3. Compatibility

This product is compatible with the following vehicles:

- 2002-2005 Jeep Liberty Front Driver & Passenger Side
- 2006-2007 Jeep Liberty Front Driver & Passenger Side with Liftplate Mount

For precise fitment, please confirm compatibility using your vehicle's specific details before purchase.



IMPORTANT



**VERIFY FITMENT
BEFORE PLACING YOUR ORDER.**

Complete fitment information
in the Product Description below.

Image: A graphic emphasizing the importance of verifying fitment before purchase.

4. Safety Information

Always prioritize safety when performing automotive repairs. Follow these general safety guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath it.
- Disconnect the vehicle's battery before starting any electrical work to prevent accidental shorts or injury.
- Use the correct tools for each step to avoid damage to parts or personal injury.
- If you are unsure about any step, consult a qualified automotive technician.

5. Installation Instructions

TRQ provides detailed video instructions to assist with the installation of this power window regulator and motor assembly. It is highly recommended to watch the full video before beginning the installation

process to familiarize yourself with the steps and required tools.

Video Guide: How to Replace Window Regulator 2002-07 Jeep Liberty

Your browser does not support the video tag.

Video: A step-by-step guide on replacing the window regulator for a 2002-2007 Jeep Liberty. This video demonstrates the complete process from door panel removal to final reassembly.

Key Installation Steps (Refer to video for full details):

1. **Door Panel Removal:** Carefully remove the interior door panel, disconnecting any electrical connectors and door handle linkages.
2. **Water Shield Removal:** Gently peel back the water shield to access the internal door components.
3. **Glass Preparation:** Secure the window glass in the up position using tape to prevent it from falling during the regulator replacement.
4. **Regulator Disconnection:** Disconnect the window glass from the old regulator.
5. **Old Regulator Removal:** Unbolt and remove the old window regulator and motor assembly from the door frame.
6. **New Regulator Installation:** Position the new TRQ regulator and motor assembly into the door, aligning the mounting points.
7. **Electrical Connection:** Connect the new motor to the vehicle's electrical harness.
8. **Glass Reconnection:** Reattach the window glass to the new regulator.
9. **Testing:** Test the window's up and down function before reassembling the door panel.
10. **Reassembly:** Reinstall the water shield and door panel in reverse order of removal.



Image: A detailed view of the TRQ Power Window Regulator and Motor Assembly, showcasing its design and components.



Image: Close-up of the electrical connector on the TRQ window motor, highlighting the connection point.

6. Operating Instructions

After successful installation, operate the power windows using the vehicle's standard window switches. Ensure the window moves smoothly up and down without obstruction or unusual noises. If the window does not operate correctly, refer to the troubleshooting section.

7. Maintenance

The TRQ Power Window Regulator & Motor Assembly is designed for long-lasting performance with minimal maintenance. However, regular inspection of your vehicle's window mechanisms can help prevent future issues:

- Periodically check window seals and weatherstripping for wear or damage, which can affect window operation.
- Keep window tracks clean and free of debris to ensure smooth movement.
- Avoid excessive force when operating windows, especially if they encounter resistance.

8. Troubleshooting

If you encounter issues after installation, consider the following common troubleshooting steps:

- **Window Not Moving:** Check all electrical connections to the motor and switch. Ensure the vehicle's battery is fully charged and connections are secure. Verify the fuse for the power windows is intact.
- **Slow or Jerky Movement:** Inspect window tracks for debris or obstructions. Lubricate window tracks with a silicone-based lubricant if necessary. Ensure the window glass is properly seated in the regulator.
- **Unusual Noises:** Recheck all mounting bolts for the regulator to ensure they are tightened to specification. Inspect for any loose components within the door panel.

If problems persist, it is recommended to consult the TRQ installation video again or seek professional assistance.

9. Specifications

Attribute	Value
Brand	TRQ
Model Number	WRA50606
Item Weight	11.08 pounds (5.04 Kilograms)
Product Dimensions	11 x 29 x 5 inches
Operation	Power
Special Features	Easy to Install
UPC	191213506066

10. Warranty and Support

TRQ is committed to providing trusted, reliable quality automotive parts. For specific warranty details or further technical support, please refer to the product packaging or contact TRQ customer service directly. Additional installation videos and resources are available through TRQ's "View Before You Do" video library.