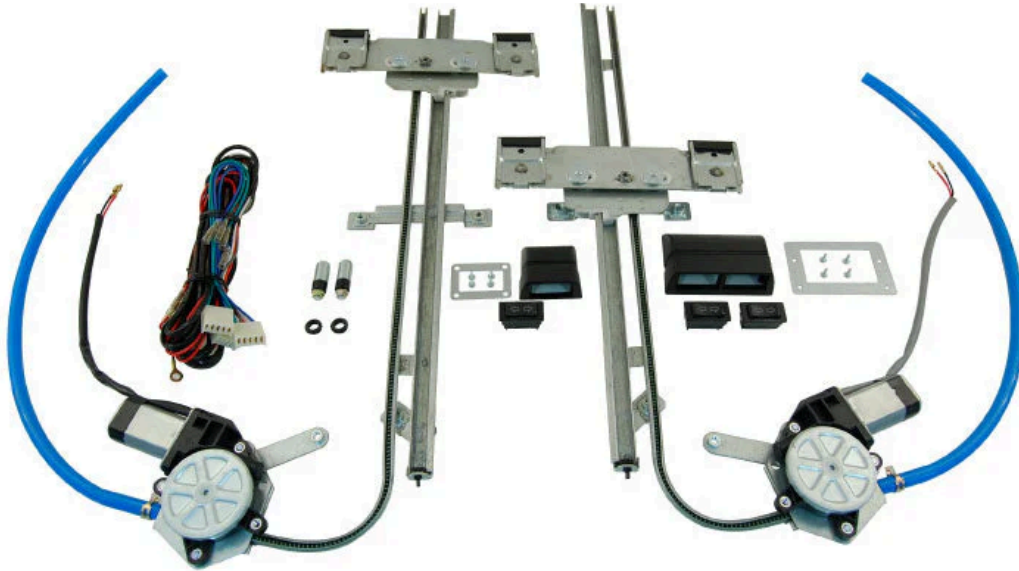


INSTALLATION MANUAL: ELECTRIC POWER WINDOW KIT



BEFORE PROCEEDING WITH INSTALLATION PLEASE READ INSTRUCTIONS CAREFULLY. THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE ELECTRICAL SYSTEMS. WE RECOMMEND THAT INSTALLATION IS CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

INTRODUCTION

Congratulations on your purchase of this universal electric power window kit! Please note the supplier cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. This universal electric power window kit is a great option for any custom car that has a sliding FLAT glass window. Due to the high-torque motors and custom mounting brackets, this power window kit is great for older cars that have never had power windows and installation is simple. Each kit comes with two high-torque worm-gear driven motors, reinforced guide tracks and adjustable window bases, all of which assure smooth window operation that is quiet and long lasting. This kit is designed to suit 2 door cars with a flat glass that goes straight up and down and are between 152.4mm (6") to 609.6mm (24")

INSTALLATION GUIDELINES

WARNING: Prior to installation of this power window kit, it is recommended to ensure that the door and glass are in good working condition. The window must travel smoothly and both the up and down directional channels without falling down or binding up. It is recommended to check / replace / install new rubber window channels and rubber stoppers to prevent the window from going down too far

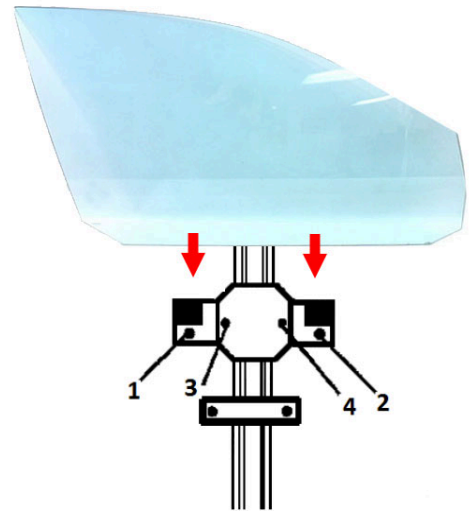
NOTES: These instructions are to be used as a guideline only. Every installation will vary from application to application. We recommend this kit be fitted by a professional. It is recommended to use a 40-amp relay (sold separately) to power this universal electric power window kit.

DIMENSIONS: Before installation is attempted please check that all dimensions listed suit your application.

- Measure the distance between the glass and the door. There must be at least 1" (25.4mm) of clearance between the glass and the door to fit in the new window regulator.
- In order for the window to have full travel. There must be a minimum of 7" (177.8mm) below the glass. This measure is taken when the window is at its lowest point.
- A minimum of 2" (50.8mm) of door thickness is required to accommodate the clearance of the new window motor. The motor will occupy the bottom 5" (127mm) of the regulator assembly. – When the glass is in the highest travel point, it must extend down into the door a minimum of 1.5" (38.1mm) so it can be attached to the mount on the regulator assembly.
- NOTE: If your glass does not suit any of these measurements above a new glass will have to be purchased and installed with this universal power window kit. We recommend replacement of the old glass with tempered glass for safety and strength.

INSTALLING WINDOW GLASS

1. Loosen the two nuts on the clamps marked as " 1 " and " 2 " in the diagram. Next slightly loosen the two bolts marked " 3 " and " 4 ".
2. Carefully slide the glass in between the clamps and snug down the nuts " 1 " and " 2 ".
3. Snug down bolts " 3 " and " 4 ".
4. Window glass will now be automatically balanced when opening and closing the window.



WIRING

- All the wiring is plug and play using the supplied wiring harness.
- Connect the red wire to a 12 volt power source, preferably the keyed accessories. Using a switched source allows the windows to work only when the key is in the " ON " position.
- Connect the black wire to a clean suitable chassis grounding point.
- Install the window switches in appropriate places and plug into the harnesses. These wires may or may not require extending depending on various applications.
- It is recommended to contact a professional automotive electrician if you are unsure how to wire this universal electric power window kit and how to wire a 40-amp relay.

