ELECTRIC-LIFE EL1000 & EL2000
INSTALLATION INSTRUCTIONS
FOR VEHICLES WITH FLAT WINDOW GLASS

Note: Before starting the power window kit installation, the door and glass must be in good condition. Make sure that the glass channels are in good condition and the window moves up and down smoothly, without binding or falling out of the channels. It is also a good idea to make sure that there is a rubber stop to prevent the window from going down too far. Remember, the following instructions are to be used as a general guideline only. Each particular installation will vary.

Minimum Dimensions: Measure the distance between the glass and the door. A minimum of 1 inch is needed to mount the new regulator. A minimum of 6 inches below the glass (when in it’s lowest position) is also necessary for the window to have full travel (4 ½ inches on EL1000). A minimum of 2 inches (1 ½ inches on EL1000) of door thickness is also necessary to mount the motor in bottom of door. When the glass is in the full up position the glass must extend down into the door a minimum of 1 inch so it can be attached to the new window sash. (1 ½ to 2 inches is ideal) If the glass is too short, new glass can be cut at a local glass shop. We recommend replacing older windows with tempered glass windows. Tempered glass is much safer and stronger than the original conventional glass.

1. Remove the door panels and inspect doors and glass for any problems and minimum clearances. Then remove the original window regulators.

2. Remove the window from the door. Typically the window sill weather-stripping needs to be removed to do so. Remove the original window sash from the bottom of the glass and install the new window sash that is included in the kit. The sash can either be glued on with silicone or taken to a glass shop where they can press it on with a rubber strip. (This is the preferred method.) The window sash may be cut to fit narrower windows. It should be a minimum of ½ inch from the edges of the window. The open channel on the sash should face towards the inside of the vehicle.

3. Place bar with rollers into the groove in the window sash. (This bar may have been mounted to the regulator when you received the kit.) Reinstall window in the door. Throw a rag over the top of the door and tape the window up to the top of the door using 2 long strips that go up and over the door. (We use a rag so we don’t mess up the paint on the door)

4. Mark window centerline on door. Draw a line on the door from top to bottom. Make sure the line is square with the window.
EL1000 & EL2000 Installation Instructions, Continued

5. Hold regulator up to centered line on door. Make sure that the entire motor is below the physical stop in the door. If regulator extends beyond the top of the door it will need to be marked and cut. Make sure regulator is in a lowered position before cutting the excess off the top.

6. Draw a quick template of the regulator and mounting holes on a piece of cardboard.

7. Place regulator in the door. Either unit can be used for the left or the right. If possible mount unit with motor pointing towards front of vehicle. Line up unit with the centerline on door. (It is not necessary for the unit to be exactly on the centerline. A little forward or back of the centerline will work fine.) The regulator should be mounted as square as possible to the window. If it is necessary to mount the regulator at a small angle, the mounting holes in the regulator mount for the roller bar may need to be slotted. The red tube should lay in the bottom of the door. Do not cut or kink the red tube. The cable from the regulator is stored in it.

8. When you are happy with the mounting location, use the template you drew earlier to drill the 3 mounting holes in the door. (¼ inch holes) If the mounting holes do not match with the sheet metal, (ie., The bracket holes line up with a ridge or access hole in the door) plates or brackets must be made to facilitate mounting.

9. Attach the regulator loosely to the door at this time. Have someone help you lower the window until the roller bar lines up with the mounting pad on the regulator. Loosely mount the regulator to the roller bar. If necessary, bend brackets or shim up the regulator mounting to the door so the regulator is parallel to the glass. Before tightening the bolts, run the window up and down by applying power to 1 motor wire and ground to the other. Reverse the wires to reverse the travel. Make sure that the regulator remains parallel to the glass for the entire travel. The window should move freely in the glass channels. Binding will impede operation and reduce the regulators lifespan.

10. The kit comes with short attaching bolts. These bolts have 6-mm threads and 10-mm hex heads. If you have to shim up the regulator you will have to purchase longer bolts from a local hardware store. Do not use bolts that are too long. They may come in contact with the window or moving parts on regulator.

11. Remember a little extra time and effort to make everything fit right will reward you with years of trouble free operation.