



714-971-8543

## Installing the Hotronics Electric Window Crank, Power Window Switches

### Be Original.

Keep the Classic look of you interior, with what appears to be the original crank-up windows, however hidden behind that original looking handle, is a power window switch.

This revolutionary Hotronics invention, created a disturbance of popularity when introduced over a decade ago. Inspired by: "what's old is New again".

Hotronics has created a tasteful blend of Old World looks with a high tech twist.

Continuing the forward trend towards the current 'retro theme' movement.

These switches are easy to install, are universal, work ALL 12 volt power window motors, both straight and polarity reversing motors regardless of MFG, and will handle 15 amps motor loads and requires NO relays to wire.

Hotronics unique design methods ensure the electrical connections are kept tucked in tight, protecting them from damage during and after the installation is complete. Specially crafted construction provides positive stops preventing, cranking the handles the Old Fashioned way! These are Tough and won't break! Switches come with several shaft choices to fit handles of all popular cars and trucks. Specify year, make and model when ordering.

Now you can install a modern power window system and retrain the original crank look.

Follow along as we do a basic installation. Disconnect the battery now!

First the EWC will fit behind the inner door skin where the old window regulator crank came thru the door panel. Each vehicle is different and sometimes-metal formed impressions around the new switch area will need removing to place the shaft thru enough for proper handle placement. In which case a larger plate that cover the hole can be fashioned and used to mount the EWC window crank.

The 3 little mounting holes in the face of the Hotronics Electric Power Window Cranks are not common to any particular vehicle. Position the switch so the wiring coming out of the switch will not run into the window mechanism as it goes up and down. Place the handle on the shaft and determine the center or neutral position you wish the handle to be, then drill the door for the three little mounting holes that fasten the switch to the door.

Next comes the simple wiring. You will need a Fused Hot and a Ground to come into the door, to the switch. Do not rely on door hinges for a ground. Remember grounds are as important as power wires are. Connect the Fused Hot and Ground to the switch following the wiring chart for your type window motors. (Usually this is the polarity-reversing chart)

The last two wires will be the motor wires; they will connect to the outside terminals on the EWC power window switches. (See wiring chart)

Re-connect the battery and test.

Turn the key ON and lift the crank handle, the window should travel up. Press down on the crank handle and the window should travel down. If it's backwards, reverse the wires on the outside terminals of the Electric Window Crank.

That's it other than if you have the 3/8 square shafts models and after determining the shaft length with door panels and escutcheons installed, may need to, depending on application, cut off extra shaft length and drill handle retaining-pin holes.

Very simple installation and amazing results will make you the most envied to all admirers including passers by. You'll be showing all your rodding friends these new switches and how cool they really are. Making you and your ride the hit of the show.

Now you can have the best of both worlds thanks to, Hotronics creative genius.

Remote controls can also be added to the EWC power window switches as well as Hotronics One Touch window down controls. Also wiring charts are available to operate the passenger side motor from the driver's side switch, just ask for a copy when ordering.

Beginning with the early introduction of Hotronics Products, it's inventions, and creations. Flocks of frustrated car guys found great value the in quality, problem solving devices created by the founder out of his own frustrations of poor quality offerings.

Hotronics quality and name has gained hard earned respect as the industries leading MFG of high quality electrical products, invented and manufactured in the good old USA and carry a Made in America seal of approval.

Gaining such recognition comes with a price, that being outcroppings of copycats, forgeries or knock-offs being secretly produced to imitate the look but not the quality.

Companies masquerading with the intent to fool or miss-lead those unaware it's a replica.

Beware! Your Hotronics switches must have the Hotronics logo to be Originals!

Hotronics is always here to help, that's rodders helping rodders! Enjoy!

Hotronics copyright 12/03