

## B.C. Broncos Power Windows

### REMOVAL

1. Lower the door window glass
2. Remove the armrest, window crank and door latch assembly.
3. Remove the screws that secure the door panel and remove the door panel.
4. Remove the hair clip that secures the channel roller to the regulator arm and pull the arm free of the roller.
5. Slide the window glass up to the top of the door and secure it with tape over the top of the window frame.
6. Remove the four screws that secure the regulator assembly and remove it thru the access opening.

### Note:

Proper operation of the window glass is very important for the proper operation of the B.C. Broncos Power Window kit. Before the installation, the window glass must operate freely in its runs. The window glass must slide in its runs smoothly from top to bottom, open completely and close completely. The channel at the bottom of the window glass must be straight. If it does not, any adjustments or hardware replacements must be made **PRIOR** to the installation.

### INSTALLATION

1. Position the B.C. Broncos door panel and mark the switch openings per Figure 1.
2. Remove the door panel and enlarge the scribed opening marks by 1/4" as shown in Figure 2.
3. Carefully cut the marked switch opening.
4. Remove the two screws securing the door strap to the door.
5. With the door/fender/mirrors adequately protected (blanket, foam rubber, etc.), carefully swing the door open against the protected fender and secure it with tape.
6. Locate and center punch the position for the wiring harness opening on the door and the doorjamb as shown in Figure 3.
7. Drill the two center punched marks made in Steps 6 using an 1/8" drill as a pilot hole and then a 1/2" drill. Insert the provided grommets in the drilled holes.
8. Insert a stiff "fish" wire (bailing wire works well) thru the doorjamb hole and up thru the opening in the upper kick panel behind the dash. Pull about 2' of the "fish" wire from behind the dash.
9. Attach the wiring harness to the "fish" wire with electrical tape. Gently and carefully pull the wires thru the doorjamb hole while feeding the wires thru the kick panel opening. Make sure

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that enough wire is pulled (about 3 feet) to allow for the space between the door and door jamb and for inside the door hookup.

10. Carefully feed the wiring harness thru the door hole. From inside the door, insert the pins in the wiring harness connector(s) per the accompanying schematic.
11. Cover the exposed wiring harness between the door and the doorjamb with the split wiring loom making sure to pass at least 2" of the split loom into the door and door jamb grommets.
12. Carefully remove the tape securing the door and swing it towards the closed position. Reattach the door strap to the door.

### **CAUTION:**

**Check that the wire harness does not interfere with the door closing and the harness does not get snagged or pinched while closing.**

13. Position the B.C. Broncos power window regulator inside the door. Attach with the 4 screws removed in Step 6 of the REMOVAL section above.
14. While supporting the window glass, remove the tape and carefully lower the glass.
15. Lubricate the window track with white lithium grease and insert the kit's window track roller into the window track.
16. Lubricate the pin on the regulator arm with white lithium grease. Position the window so the pin on the regulator arm will locate into the window track roller and snap it into place.
17. Connect the wiring to the power window regulator per the supplied wiring schematic.
18. Position the window switch wiring/connectors in the opening cut in Step 3.
19. Snap the switches in place in the door panel and connect the window switches per the wiring schematic.
20. Position the door panel and secure it with the provided screws. Install the latch assembly and armrest.
21. Test the power window for proper operation.