USER GUIDE AND INSTALLATION MANUAL

UNIVERSAL POWER WINDOW SYSTEM

AutoLoc™

PW4400* - *No Switches ***PW4450* - *W/ Switches***

INSTALLATION

1. Begin on the driver's side by carefully removing the door panel and hardware.
2. Find the proper motor drive gear for your vehicle using the provided adapters and assemble the gears as shown in Diagram A.
3. Hold gear-head on the shaft and move the motor end around and find a spot to mount it where it won't interfere with the door panel or other moving parts. In many vehicles it will be necessary to trim away some sheet metal to accommodate the motor. Roll the window up and down to check for clearance.
4. Bend and cut brackets as necessary, then install rubber grommets and spacers into the appropriate holes on the bracket. Using a 1/4" drill bit, drill holes and bolt motor assembly to the door.
5. Attach brackets to the gear-head, drill 1/4" holes and bolt the gear-head to the door.
6. The foam pads should be placed between any parts that may rattle.
7. Repeat above steps on the passenger door.

WIRING

8. Run the wire-loom across the underside of the dash and tie down with cable ties. Note. The group of four wires runs to the driver's side and the group of three wires runs to the passenger side.
9. Connect the power wire (RED) to the #30 post on the relay.
10. Connect the ground wire (BLACK) to a clean chassis ground point.
11. Connect post #86 on the relay to a clean chasis ground point.
12. Wire relay post #87 to the battery. Note: Use a 25-amp in-line fuse.
13. Wire relay post #85 into a switched power source, preferably the ignition harness. Note: Using a switched power source allows the window units to only work when the key is in the ON position.
14. Run wires into the door through the existing door looms. If this is not possible then holes should be drilled in the doorjambs and additional door looms used. It is important to use door looms to prevent the wires from becoming chaffed and shorting.

DIAGRAM A

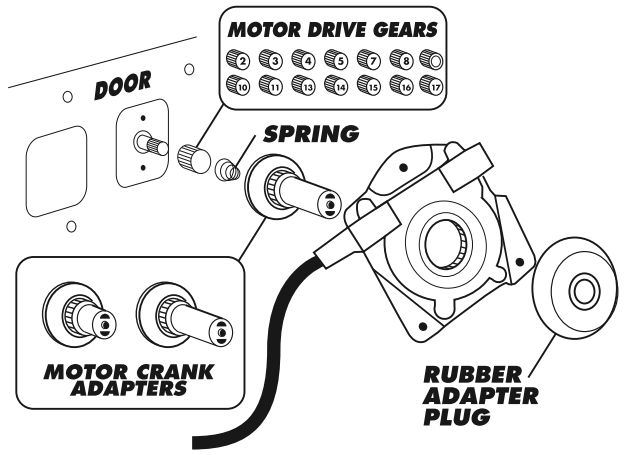
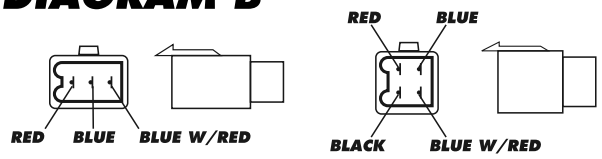
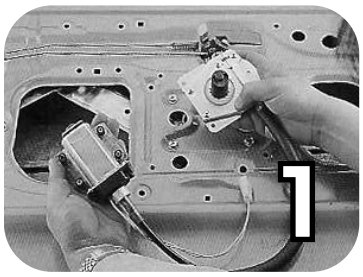
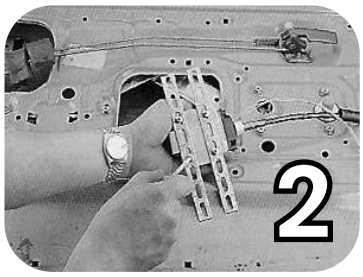


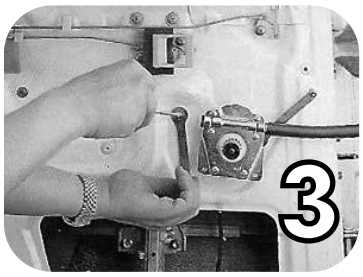
DIAGRAM B

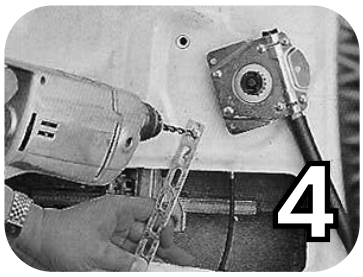


15. Connect the into the provided plugs shown in Diagram B.
16. Mount the switches in an appropriate place on door panel. Use the provided template to determine the location. Note: In some vehicles you can mount the switch case over themotor crank adapter to hide your existing window crank hole.
17. Connect wires to the motor assembly. Use provided wire extension if needed. Be sure to keep the wiring away from any moving parts.
18. Connect the wire-loom to the switch assembly.
19. Turn ignition key to the on position and test your power window system
20. Install door panel and hardware.
21. Install rubber adapter plug on the motor crank adapter.

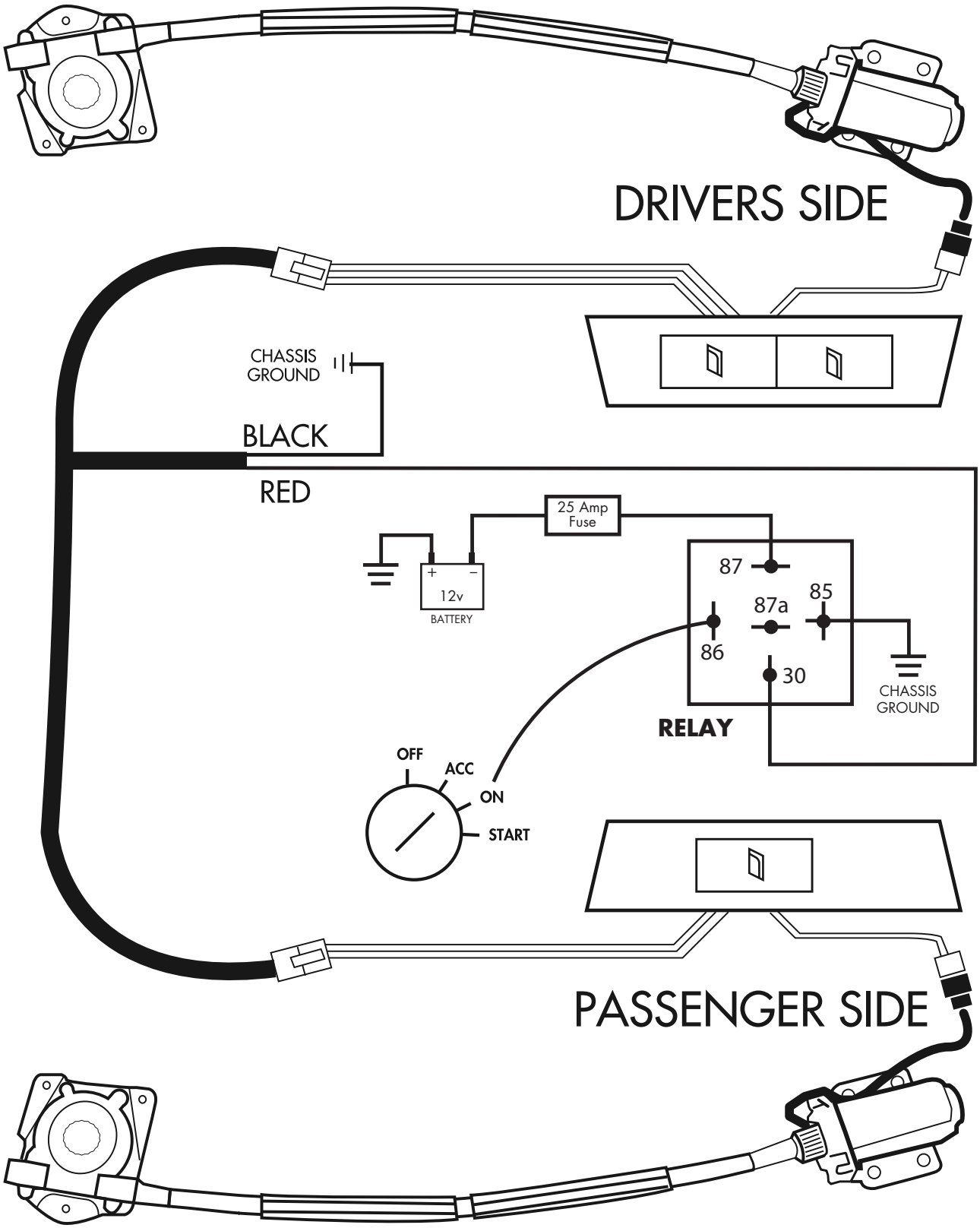








WIRING DIAGRAM



*NOTE: THIS KIT DOES NOT INCLUDE RELAY, RELAY SOCKET, FUSES, OR ADDITIONAL WIRE. CONTACT YOUR SALES REP TO ORDER