

Electric Life JE18-KIT

2007 and up Jeep Wrangler 4 door

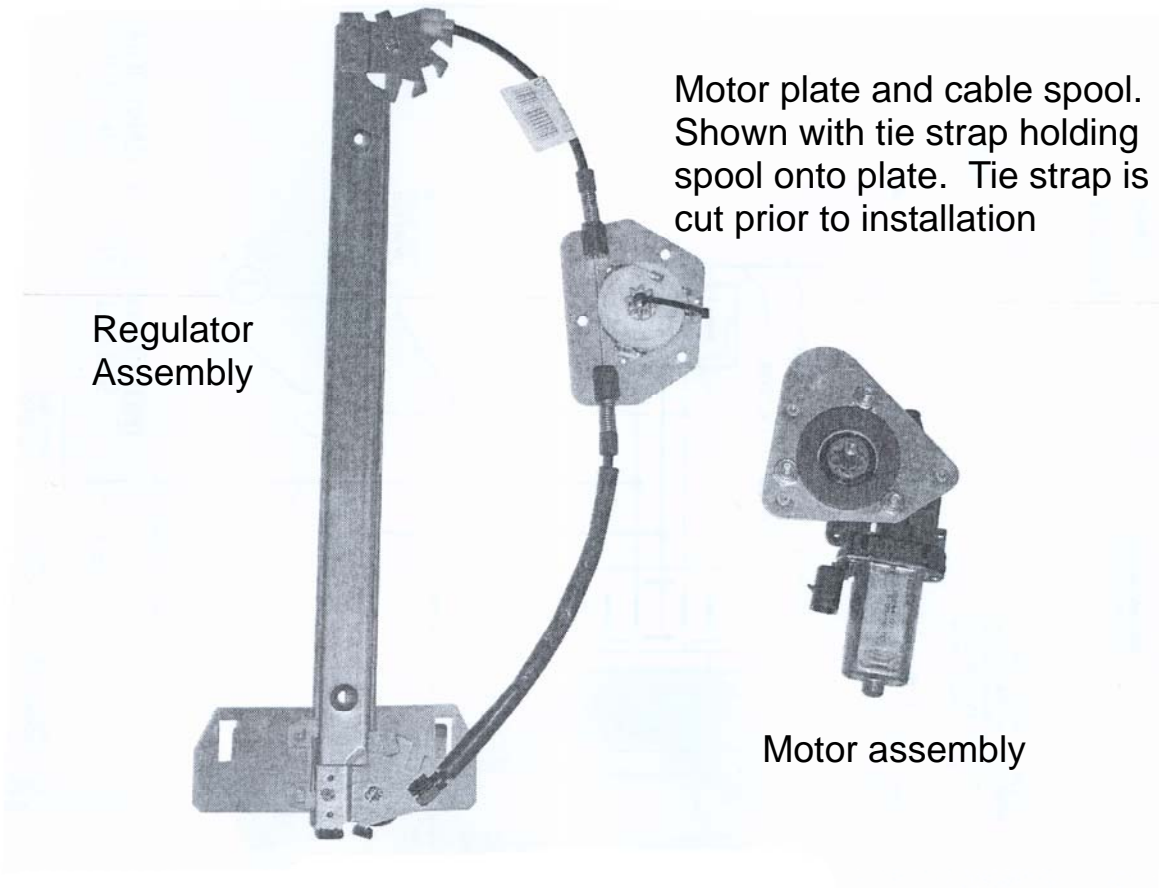
Installation Instructions

Installing the motor and regulator assembly

1. Remove door panels. Remove inner door panel.
2. With window lowered, remove screws securing the window from positions 6 & 7. Lift window out of mounts and secure window to top of door.
3. Remove screws from positions 1, 2, 3, 4 & 5 and remove window regulator from the backside of panel. Save screws.
4. Insert window motor into position 1, 2 and 3 on the outside of the inner panel. Use large nuts in kit to attach motor to position 1, 2 and 3.
5. Install new power window regulator onto backside of panel and secure with original screws into positions 4 & 5.
6. Carefully cut tie strap off of cable spool assembly. Do not allow spool to move away from the guides on the plate. If this happens the cables on the spool may unwind. Place motor plate and spool over the motor shaft and gear. Make sure that the spool and motor gears are aligned properly. Do not force into place. Attach plate to motor with bolts supplied in kit to positions 1, 2 & 3.
7. Reinstall the inner door panel (complete with regulator and motor) onto the door.
8. Lower window into the saddles on the regulator and install bolts into positions 6 & 7
9. Remove the trim rings from the door panels (where the crank handle used to be) and install the panel caps provided in the kit.

Installing switches and wiring

1. Note: The wiring diagram supplied does not show power relay. Also note that even though the wire loom supplied combines front and rear, the diagram is split into separate front and rear diagrams.
2. On the rear doors, install the switches and mounting bezels in the position shown in the photo. Note that the rear switches can be mounted in an alternate position if desired.
3. Using the supplied template, mark and cut out the switch holes in the dashboard. Cut the holes carefully. There is not much room for error here.
4. The trim rings for the switches must be clipped into place before the wiring and switches are installed.
5. At switch end of wire loom, install wiring into connector blocks and pass through backside of switch mounting trim rings. Note that the wires that are in the multi color ribbon cables are the wires for the rear doors. The dual blue and black wires go to the front doors. Note also that all the red wires are the same, all brown wires are the same and all red/blue wires are the same.
6. Use wiring diagrams to determine terminal locations. The pictorial wire loom photos may help in identifying wiring and terminal locations. Install terminals into connector blocks and connect to switches.
7. Run wiring under dashboard to the door jambs. The connectors and short wiring harnesses plug into the loom and run into each door. The relay assembly should be under the left side of the dashboard.
8. Connect the red wire from the relay assembly to either the battery or a constant power source under the dash or behind the fuse box. This power connection must be capable of handling a minimum of 25 amps.
9. Connect the green wire from the relay assembly to an ignition power source. This wire must only have power when the ignition key is "ON"
10. Connect the brown wire to a good chassis ground point.
11. The terminals in the wiring harness to the rear doors must be installed into the supplied connector blocks as shown in the wiring diagram. Caution: The wires in the harness do not all connect color to color with the wires on the switches.
12. Install the blue and black motor wires into the rear switch connector blocks as shown in wiring diagram.
13. Connect the blue and black wires in the front doors to the blue and black motor wires.
14. Check for proper operation before reinstalling door panels.

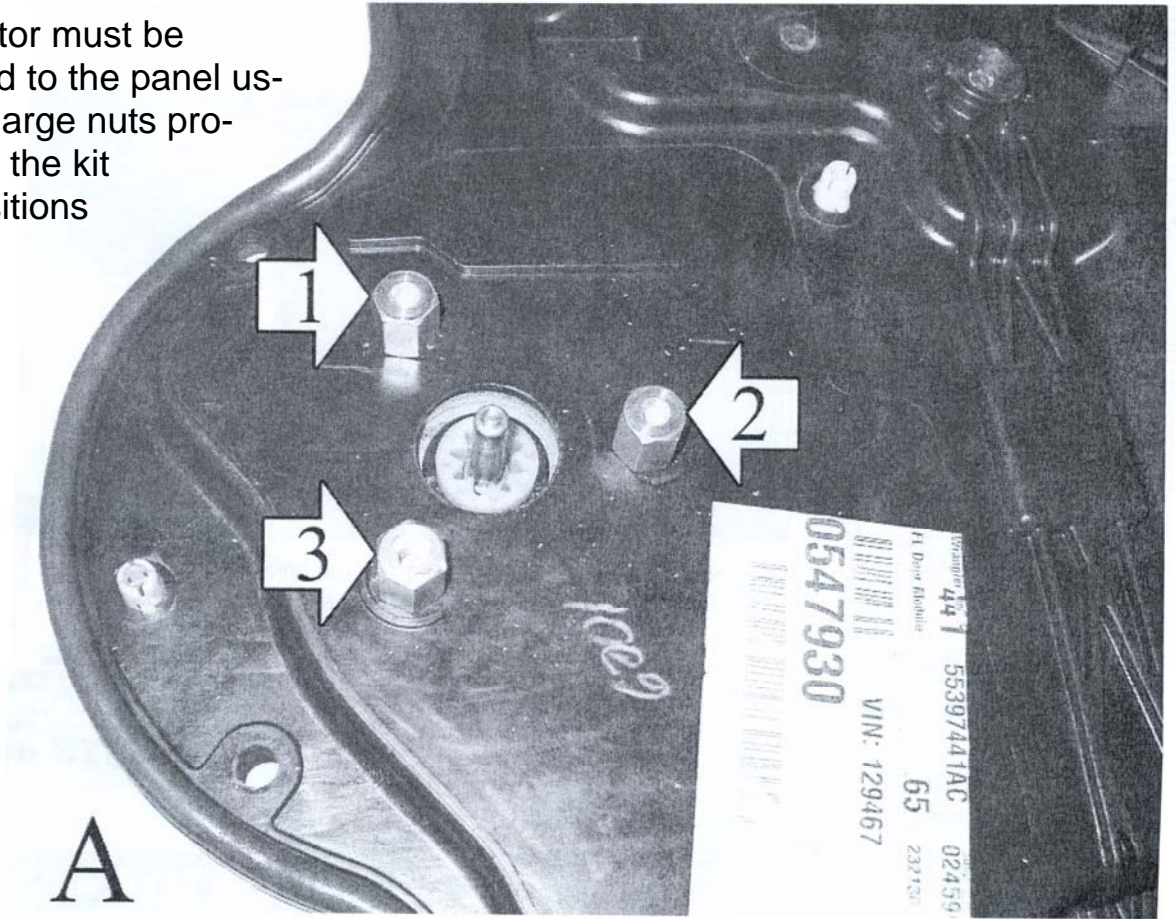


Regulator Assembly

Motor plate and cable spool. Shown with tie strap holding spool onto plate. Tie strap is cut prior to installation

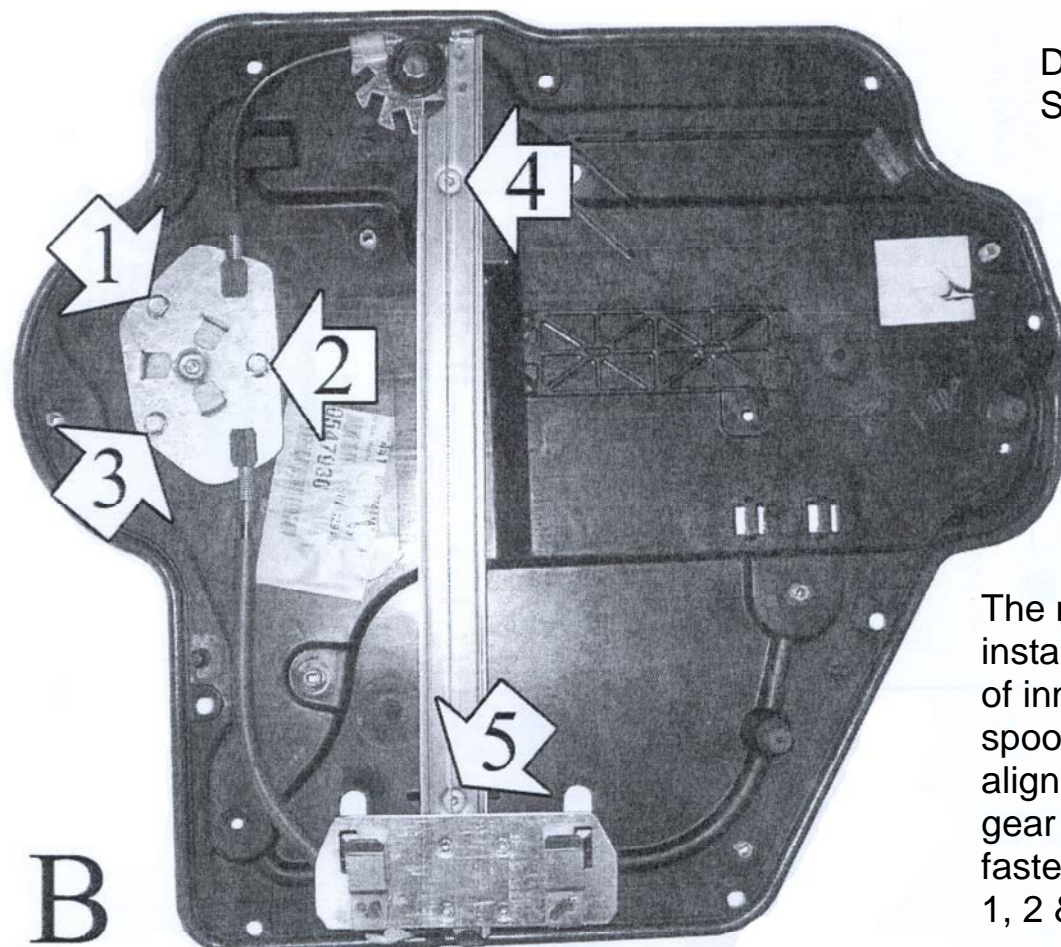
Motor assembly

The motor must be mounted to the panel using the large nuts provided in the kit into positions 1, 2 & 3



A

0547930
VIN: 129467
55397441AC
65
232130
02459

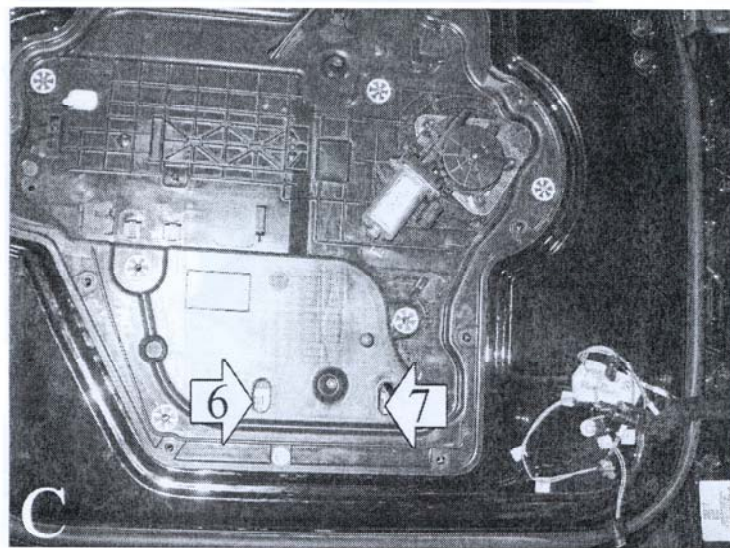


Drivers (Left) Door
Shown

The regulator
channel is
mounted to the
panel into
positions 4 & 5.

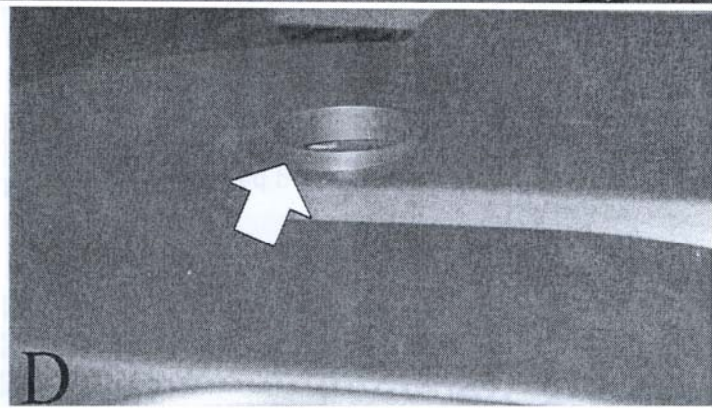
The motor plate is
installed on the back side
of inner door panel. The
spool gear must be
aligned with the motor
gear before bolts are
fastened to positions
1, 2 & 3

B



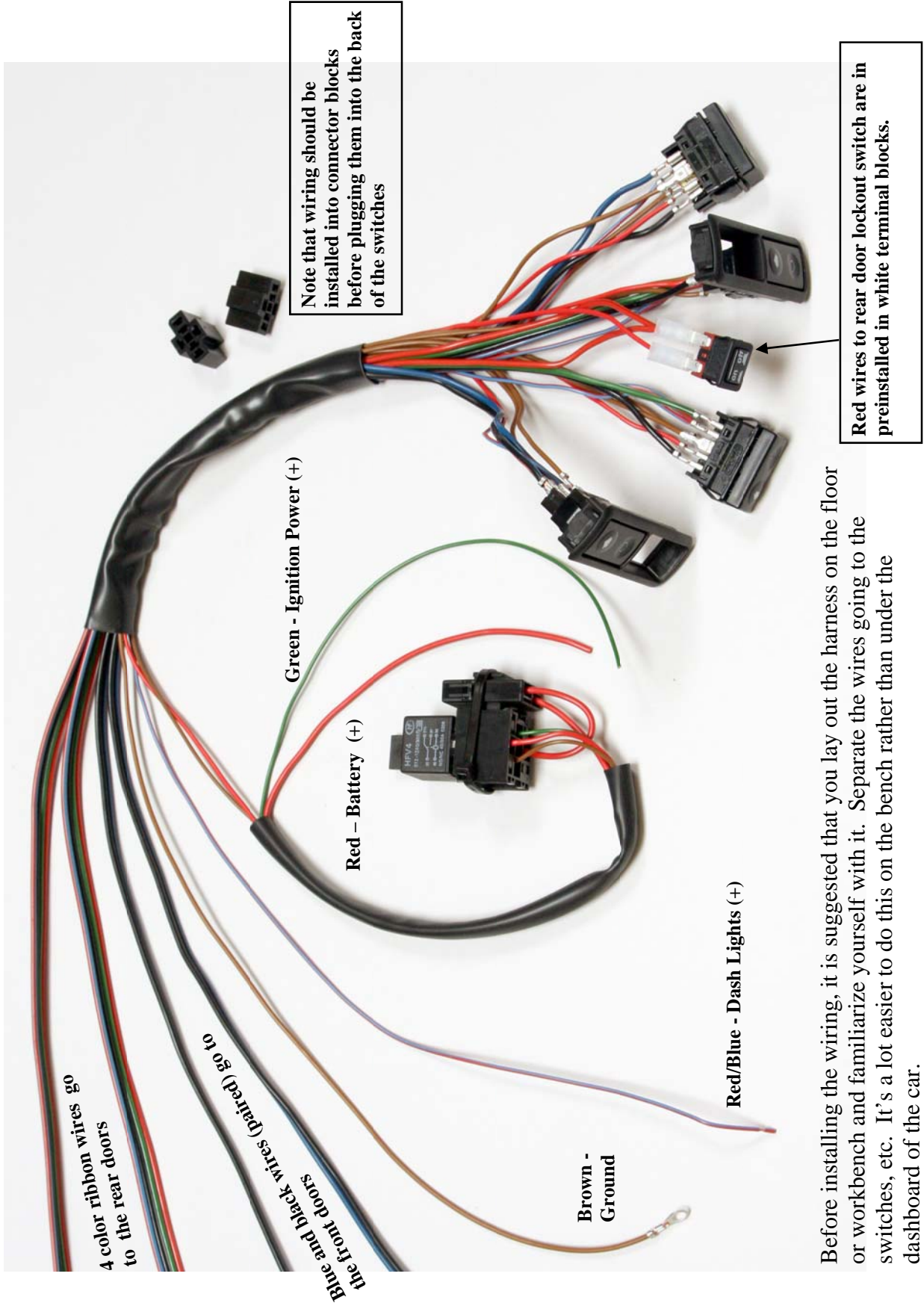
Note the motor
mounting orientation on
the inner door panel.

6 & 7 show the access
holes for the screws that
hold the window glass
onto the regulator.



The trim ring on the door
panel (where the crank
handle used to be) must be
removed prior to installing
the panel cap.

D



4 color ribbon wires go to the rear doors

Blue and black wires (paired) go to the front doors

Green - Ignition Power (+)

Red - Battery (+)

Brown - Ground

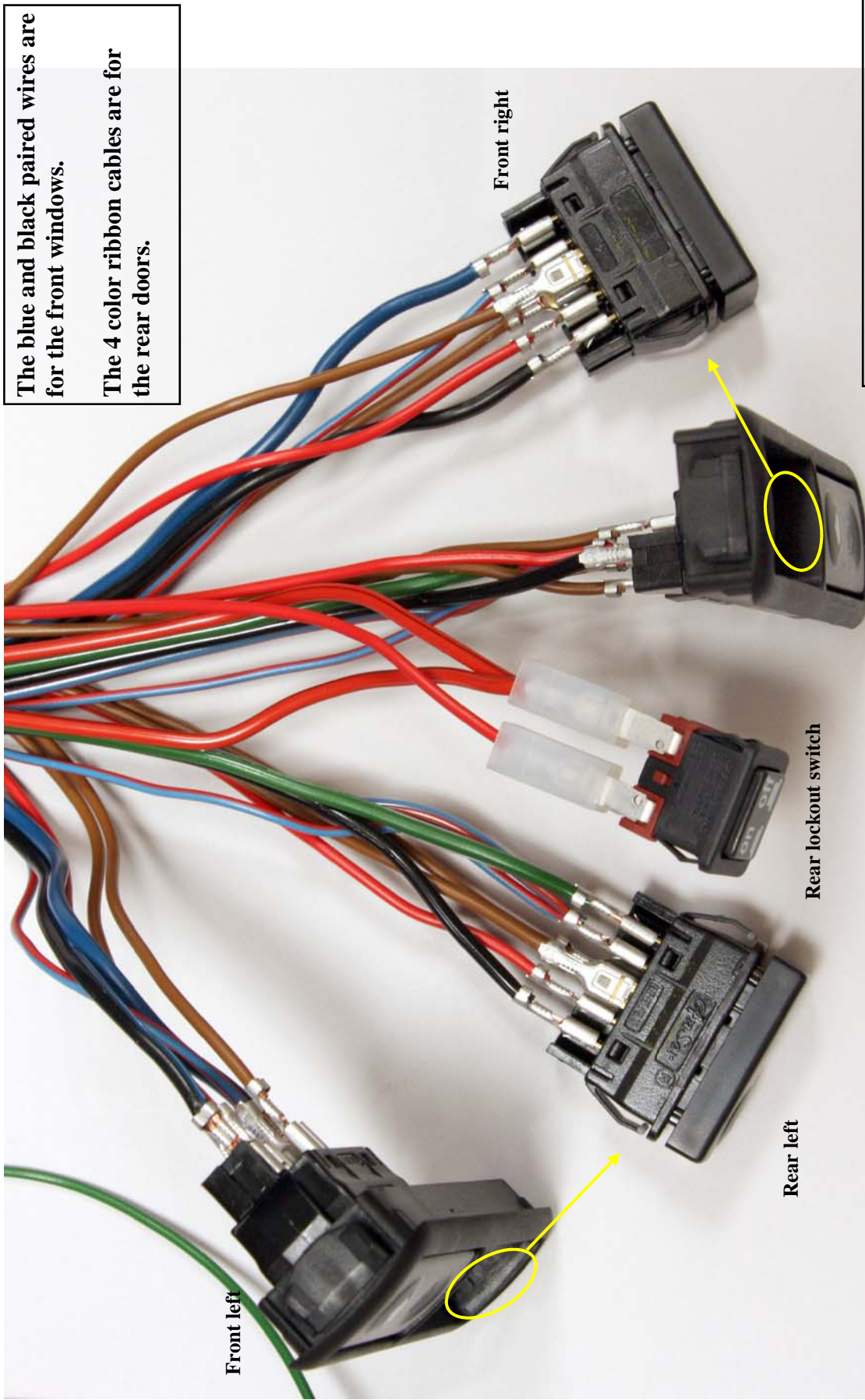
Red/Blue - Dash Lights (+)

Note that wiring should be installed into connector blocks before plugging them into the back of the switches

Red wires to rear door lockout switch are in preinstalled in white terminal blocks.

Before installing the wiring, it is suggested that you lay out the harness on the floor or workbench and familiarize yourself with it. Separate the wires going to the switches, etc. It's a lot easier to do this on the bench rather than under the dashboard of the car.

Note that the drivers side wiring is labeled. Be sure to mark the drivers side wiring near the terminals going to the switches so you can install the switches in their correct locations.



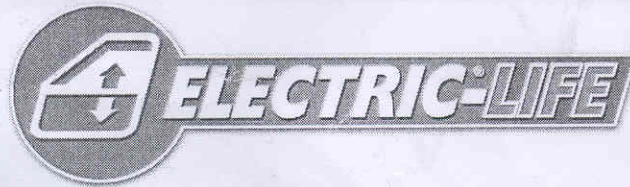
The blue and black paired wires are for the front windows.
 The 4 color ribbon cables are for the rear doors.

Wiring is shown plugged directly onto switch for photo clarity. Wiring should be installed into terminal blocks before they are plugging onto switches

The switches for the front doors are mounted into the top portion of the mounting bezels (trim rings). The rear switches go into the bottom half of the bezels.

WIRING NOTES:

- *The wiring is plugged into the switches as depicted in the above photo. Use the enclosed wiring diagram to locate terminal positions.
- *There are 8 brown wires in the loom going to the switches. These are all interchangeable. 2 brown wires go to each switch.
- *There are 4 red wires with metal terminals on the them. These are all interchangeable 1 red wire goes to each switch.
- *There are 4 red/blue wires. These are all interchangeable. 1 red/blue wire goes to each switch.
- *There are 2 red wires that are terminated in single plastic connector blocks. These 2 wires connect to the rear lock-out switch.



Power Windows
Leve-glace Electrique
Elektrische Fensterheber
Elevallas Electricos
Alzacristalli Elettrici

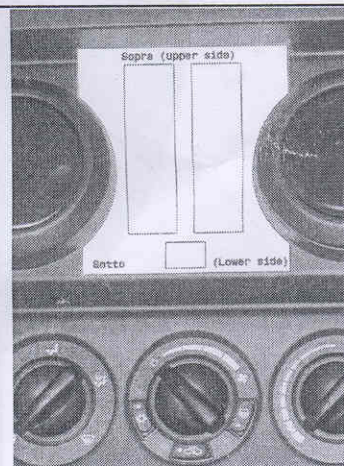
kit 4 doors - kit 4 portes - kit 4 türen - kit 4 puertas - kit 4 porte

JE18 4407

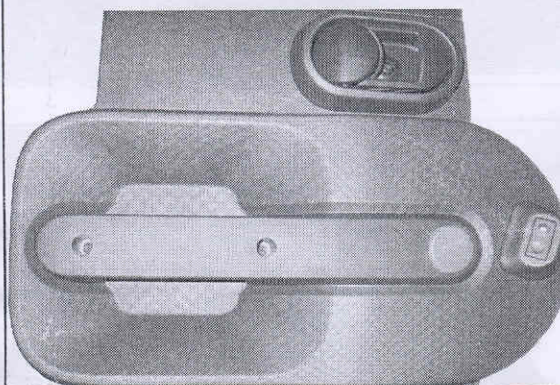
Jeep Wrangler (2007>)

Solo per elettrificazione degli
alzacristalli manuali / Only for
replacement of manual window
regulators

advised position for the switches installation
position conseillée pour l'installation des boutons
emfohlene lage für den schalterneinbau
posicion aconsejada para la instalacion de los pulsadores
posizione consigliata per l'istallazione dei pulsanti



- PLACE THE DRILLING TEMPLATE.
- PLACER LE GABARIT DE PERÇAGE.
- SETZEN SIE DIE BOHRSCHABLONE EIN.
- PRESENTAR LA PLANTILLA.
- POSIZIONARE LA DIMA.



- REAR DOOR PANEL
- PANNELLO PORTIERA POSTE