

## **Toyota 4-Runner Power Window Master Switch Repair**

This is a repair for an incorrectly wired power window master switch (door panel mounted) for a 1984-1988 Toyota 4-Runner. The door panel on the driver's side door has to be removed so you can unplug the old switch.

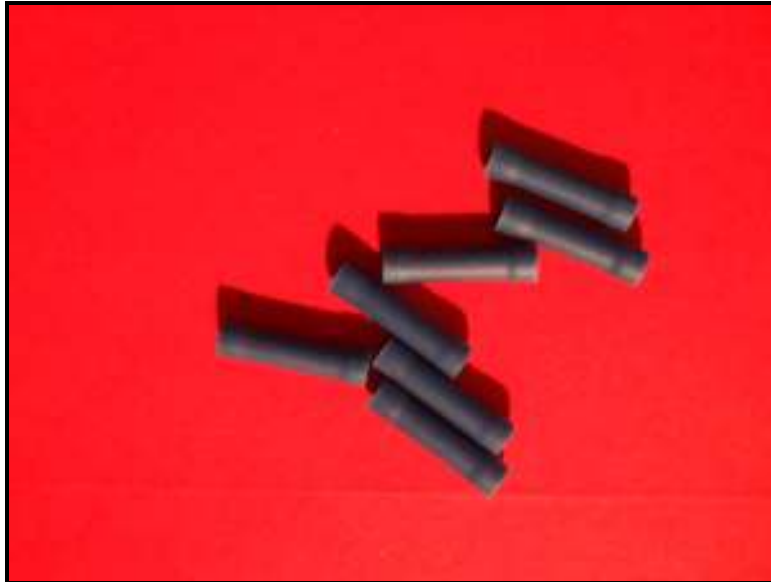
Tools you will need are a pair of wire cutters (Figure 1), wire stripper and crimper tool (Figure 2), and some butt connectors (16-14 gauge) (Figure 3). If you can find a replacement plug the job would be much easier.



**Figure 1. Wire cutters.**

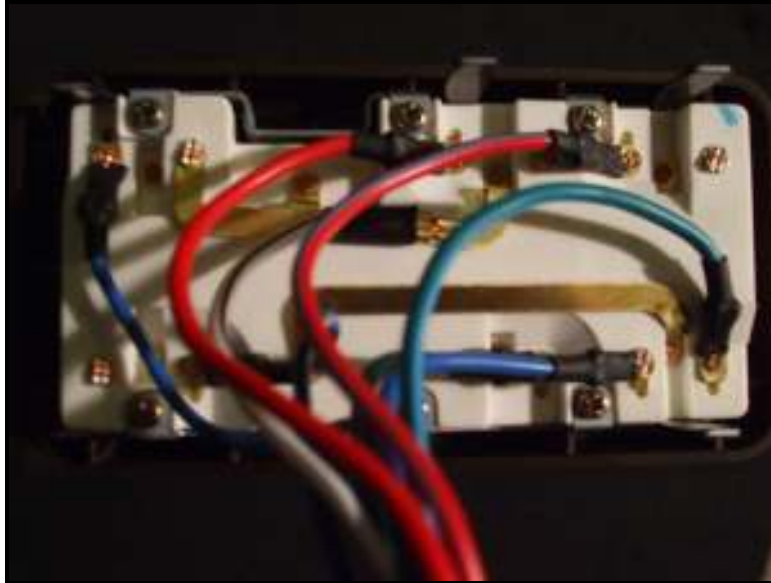


**Figure 2. Wire stripper and crimper tool.**



**Figure 3. Butt connectors.**

Wires between the switch (Figure 4) and plug the (Figure 5) need to be cut in the middle and rejoined with butt connectors. Wires from the switch need to be connected to the proper wire on the plug (Figure 6). Starting at the top wire on the back left side of the switch the wires are numbered: 6 blue wire, 8 red wire, 4 white and black wire (below 8), and 5 red and blue wire. The bottom row wires (left to right) are numbered: 7 blue and black (can be seen between two red wires), 3 green wire (mostly hidden below 1 blue wire), 1 blue wire, and 2 green wire and light blue wire (see Figure 6). Double check with your old switch to make sure the wiring diagram below (Figure 6) is correct for your switch. Old and new switches need to be wired the same. An ohm meter is handy to check that your connections are good.



**Figure 4. Back side of power switch.**

The wiring sequence for the plug (left to right) (see Figure 6) is: Top row: 3, 2, 1. Bottom row is 8, 7, 6, 5, 4.

Wiring switch to plug: wire 1 on switch goes to lug position 1 on plug; wire 2 on switch goes to lug position 2 on plug; wire 3 on switch goes to lug position 3 on plug; and so forth. Wire colors of course will be mismatched. Finished product (Figure 7).



**Figure 5. Interior view of switch plug.**

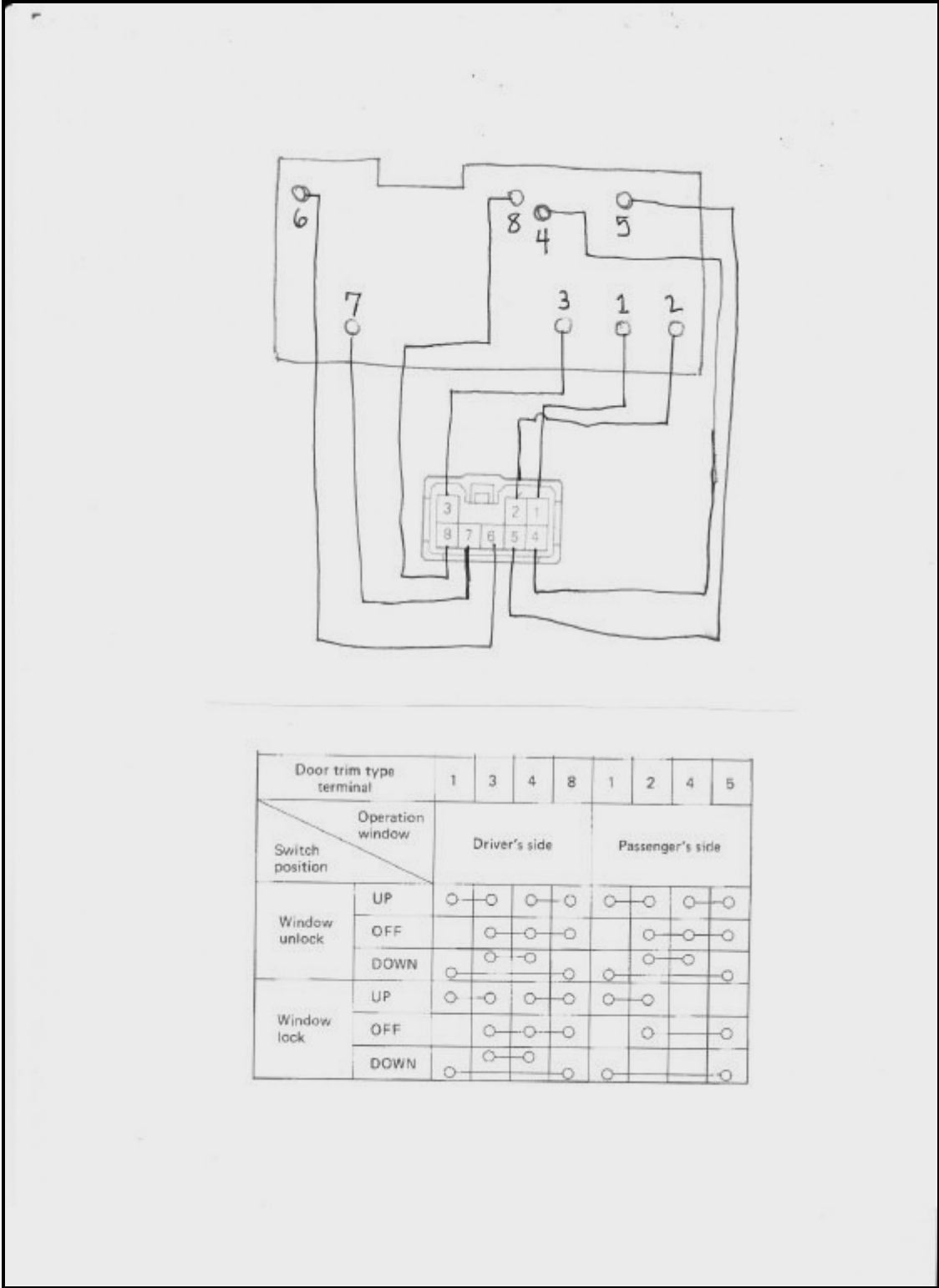
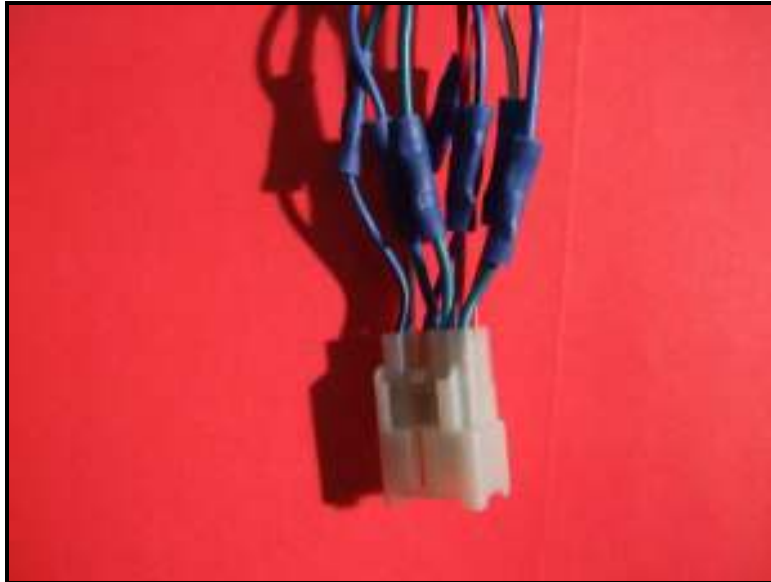


Figure 6. Schematic of back of switch and plug wiring.



**Figure 7. Finished product.**