

## Switch Panel Installation Instructions (SP8496XJ-CC002)

Thank you for buying from Prime 4x4.

Careful installation will result in many years of trouble free service.



Tools and supplies you will need:

Small flat blade screw driver or putty knife

#2 Phillips screw driver

Rotary tool, die grinder or other suitable method to cut plastic

1/8" Allen wrench

Small 3/8" open end wrench and/or pliers

7/32" drill bit and drill

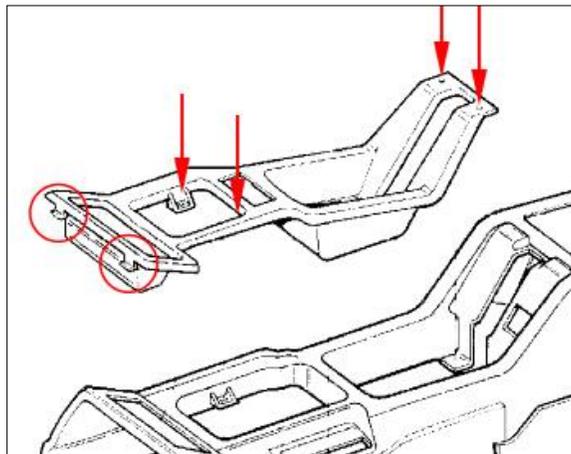
Terminal crimping tool, wire stripper etc.

Wire, terminals wire ties, electrical tape, heat shrink tubing, grommets, fuses, relays etc. as required

A shop manual or service manual may be helpful but not necessary

**Important:** Before you begin read through these instructions completely, disconnect the negative battery terminal and chock the tires so the vehicle is stable and cannot roll.

1. Remove the ash tray. Remove the console trim cover. This is held in place with 2 screws under the shift lever bezel, 2 screws under the storage compartment cover and 2 lugs in the front.



Remove the shift lever boot or bezel using a small flat blade screwdriver or putty knife to pry up a corner. There is no need to remove the boot or bezel from the shift lever, the console trim cover will be maneuvered around the bezel and shift lever. Remove the screws holding the console trim cover in place. Pull the emergency brake lever all the way up to the locked position. Carefully raise the console trim cover up in the rear pivoting at the lugs in the front. Pivot it up far enough so the parking brake lever pulls through and is under the console trim panel. Now, release the parking brake so it is in the unlocked (down) position. You can now pull the console trim cover to the rear releasing the lugs in front and maneuver it around the shifter bezel and shifter. You will need to change the position of the shift lever during the process.

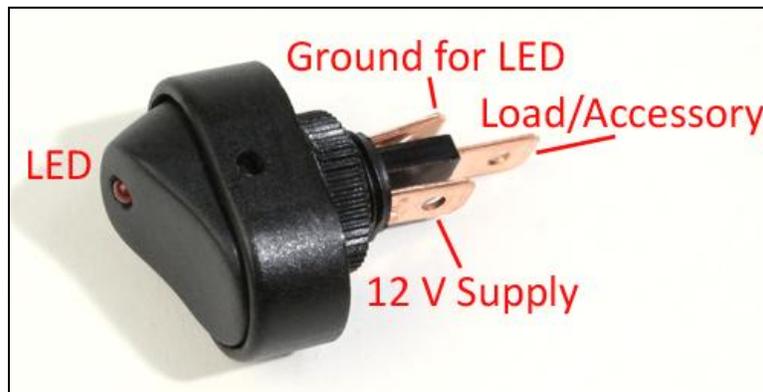
2. From the bottom of the console trim cover cut the bottom of the coin cup off leaving about a 1/4" rim or so for structural integrity. The opening only needs to be big enough for the switch bodies to clear and for access to the connections. On some trim covers the coin cup is a separate piece that has been "welded" to the trim cover. These can be removed by cutting or grinding off the welds.



3. Center the switch panel in the opening and using it as a guide mark the 4 holes on the area around the coin cup. Carefully drill 4 - 7/32" holes in the console trim cover as marked. If you want to change the order of the switches, now is the time. Simply unscrew the plastic nuts on the back of the switches and place them in the configuration desired keeping the LEDs toward the front of the vehicle. Insert and tighten the supplied machine screws and lock nuts to attach the switch panel to the console trim cover. Do not over tighten!



4. The small brown wire (ground for the LEDs) needs to go to a suitable ground. Since wiring possibilities are numerous no specifics can really be given. Follow standard wiring procedures using relays, fuses, grommets, convoluted tubing, wire ties, electrical tape and proper wire size as required. Using wire ties or electrical tape fasten all wiring securely to existing wiring, convoluted tubing or the chassis. Never attach wiring to fuel lines or any part of the fuel system. Route wiring away from high temperature sources such as exhaust system etc. Seal any firewall grommets and wire with some silicone or other sealant. The 12 volt switches are rated at 30 amps each, do not over load! For high amperage accessories and devices always use a relay circuit. An excellent relay wiring guide can be found at <http://dlcparts.com/images/BoschGuide.pdf>. This booklet has just about every type of relay circuit imaginable. Proper connections for the switches are shown below.





5. Route the wiring through the console and under the dash as needed being careful to avoid any moving components. Reinstall the console trim cover and ash tray. This is essentially the opposite of removal. For an automatic transmission equipped vehicle when reinstalling the shift lever bezel make sure the indicator is properly aligned. Put the transmission in neutral and align the pin on the front left bottom of the bezel with the slot in the console. Snap the bezel in place and be sure that the indicator shows neutral. Reconnect the negative battery terminal and reinstall any other components previously removed.



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