



PCS-72S Power Control System

Installation Guide

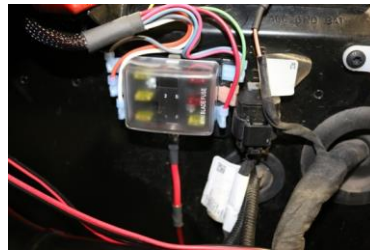
Thank you for purchasing XTC's Power Control System. The kit comes complete with everything needed for installation. All switch circuit/housings are wired for bottom row lighting for use with optional upgraded Carling lit switches. The system has six circuits, one Strobe Circuit with right and left 3 amp outputs, three 10 amp direct circuits and two 20 amp relayed circuits with Diode protection that reduce voltage spikes from field collapse, protecting LED lights and other sensitive accessories. The kit includes power wire with a 50 Amp Circuit breaker for overall circuit protection. More installation information can be found at www.xtcinstall.com. This kit can be installed in other UTV's but the installation sample is for a Polaris RZR 1000. **Please read the instructions fully and familiarize yourself with the components before starting the install.**

STEP 1 Remove the front hood and dash cover.

STEP 2 Mount the power control unit on the cross bar under the dash with included self tapping screws



Mount Control Box



Mount Fuse Box

STEP 3 Mount Fuse box on fire wall near factory barrier strip as seen above.

Step 4 Mount the barrier strip. Access to the barrier strip is only needed occasionally, we suggest mounting the barrier strip under the dash on the driver's side frame.



STEP 5 Remove the switches from the harness and mount the switches on the dash. Run the harness to the switches and reconnect. Switch 1 and 2 are extended to mount on the left hand side of the panel next to the factory headlight and four wheel drive switches.



Step 6 Switches and Terminal Block. Connect the power wire from the devices to be controlled to the appropriate terminal on the barrier strip making sure to attach the devices ground.



Switch 1 and 2 should be used for your larger accessories and are on power relays, switch 3 is for the Strobe circuit and switches 4, 5 and 6 the power goes through the switch and are used for smaller items like whip light, interior lighting, stereo on, Rock Lights, Dune lights, A-Pillar Lights and so on. The following are the switch designations with capacity.

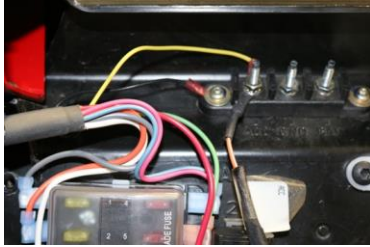
1. Terminal 1 is Grey and is on relay 1 controlled by switch 1 with 20-amp fuse
2. Terminal 2 is Orange and is on relay 2 controlled by switch 2 with 20-amp fuse
3. Terminal 3 is Blue and is direct and controlled by switch 4 with 10-amp fuse
4. Terminal 4 is Brown and is direct and controlled by switch 5 with 10-amp fuse
5. Terminal 5 is Green and is direct and controlled by switch 6 with 10-amp fuse
6. Terminal 6 is open
7. Terminal 7 is Violet and is the Left Flasher and is controlled with Switch 3* (MAX 3 Amps)
8. Terminal 8 is Yellow and is the Right Flasher and is controlled with Switch 3* (MAX 3 Amps)

* Switch 7 is a push button momentary switch that changes the Strobe pattern. The default setting is Random. It can be mounted on the dash or left tie wrapped to the harness. By pushing this button and releasing they can be changed.

STEP 7 Run the power cable to the battery. The power cable is run through the center plastic housing to the battery under the seat. Remove seats from the car and remove the plastic tunnel that runs down the center of the car. Run the power cable from the fuse block down to the center cavity then along the seat belt attachment points to the battery. Attach the wire to the 50-amp Circuit breaker provided. Run the short wire from the circuit breaker to the positive post on the battery. If installing in 2 seat car the cable maybe shortened or coiled up. Secure power cable with the included cable ties.



STEP 8 The yellow wire is power to the bottom row lights when upgraded switches are installed * See Below. If used attach the yellow wire to the keyed positive power post on the OEM barrier strip on the fire wall, this will turn on the bottom switch lights when the key is turned on.



Step 9 Attach the black wire from the harness to chassis ground. **(Note: 2015 Polaris RZR OEM front barrier strip post is not attached to ground as labeled).** The barrier strip is attached to the chassis with two bolts and they may be used for ground attachment point as shown above.

Step 10 Verify operation and re install center console, seats, dash and hood.

*** Optional:** The harness is prewired for bottom row lit switches. We supplied basic switches since they can be lit and labeled in so many ways. When upgrading the switch use Carling SPST Switch with independent Bottom Row Lighting.

SW11-RB000000	SPST SWITCH CONTURA V RED/BLUE IND LED
SW11-RR000000	SPST SWITCH CONTURA V RED/RED IND LED
SW11-BB000000	SPST SWITCH CONTURA V BLU/BLU IND LED

XTC Power Products also offers a cable interface for the Polaris RZR 2015 and up that plugs into the OEM rear harness and Strobes the rear factory lights. It also includes 3 aux wires for whip, rock or other lights. The Part Number is RZR-STROBE-INT.

Cables and switches above can be purchased at www.xtcpowerproducts.com

More information on installation may be seen at www.xtcmotorsports.net/install. For support on installation we can be emailed at support@xtcmotorsports.net or we can be reached by phone at 480-558-8588.

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