



## PCS 64 Power Control System

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Thank you for purchasing XTC's Power Control System. The kit comes complete with everything needed for installation. All switch circuits/housings are wired for bottom row lighting for use with optional upgraded Carling lit switches. The system has six circuits, two 10 amp direct and four 20 amp relayed circuits with Diode protection that reduce voltage spikes from field collapse, protecting LED lights and other sensitive accessories. The kit includes a power wire with a 50 Amp Circuit breaker for overall circuit protection. More installation information can be found at [www.xtcinstall.com](http://www.xtcinstall.com)

**Please read the instructions fully and familiarize yourself with the components before starting the installation.**

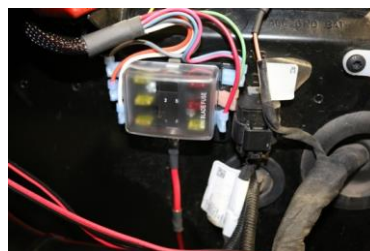
1. Remove the hood and dash cover
2. Mount the Power Control box under the dash on the crossbar
3. Mount the fuse Block on the firewall
4. Mount the barrier strip
5. Connect the power wire from the devices to be controlled to the appropriate terminal on the barrier strip.
6. Attach yellow wire from the harness to keyed power and the black wire to ground
7. Run the power wire from the fuse block to the battery
8. Verify operation.

**STEP 1** Remove the front hood and dash cover.

**STEP 2** Mount the power control unit on the crossbar under the dash with included self-tapping screws



Mount Control Box



Mount Fuse Box

**STEP 3** Mount Fuse box on firewall 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.



**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** Connect the power wire from the devices to be controlled to the appropriate terminal on the terminal strip making sure to attach the devices ground to the factory Busbar ground with the upgraded 8GA cable installed in step 9. A optional Remote ground post and cable is available.



Switch 1 through 4 should be used for your larger accessories and are on power relays, switch 5 and 6 the power goes through the switch and are used for smaller items like whip light, interior lighting or stereo. The following are the switch designations.

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 White and is on relay 3 controlled by switch 3 with 20 amp fuse
4. Terminal 4 is Red and is on relay 4 controlled by switch 4 with 20 amp fuse
5. Terminal 5 is Blue and is direct and controlled by switch 5 with a 10 amp fuse
6. Terminal 6 is Green and is direct and controlled by switch 6 with a 10 amp fuse

**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

car's center. 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 installed in 2 seat car, the cable may be shortened or coiled up. Secure power cable with the included cable ties.



**STEP 8** The yellow wire is the 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 firewall, this will turn on the bottom switch lights when the key is turned on.



**Step 9** (Note: 2015 Up the OEM Busbar GND Terminal is not attached to ground as labeled, the following cable is supplied to make the ground). Attach the 8GA black ground cable and the black wire from the harness to the terminal marked ground. Remove the bolt from the fan subframe and attach ground wire and reinstall.

**Step 10** Verify operation and reinstall the 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.

Cables and switches above can be purchased at [www.xtcpowerproducts.com](http://www.xtcpowerproducts.com)

We can be reached by email at [support@xtcpowerproducts.com](mailto:support@xtcpowerproducts.com)

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\*Disclaimer: This kit is intended for off-road use only, and XTC Motorsports claims no responsibility for its use. It is up to the purchaser to ensure it complies with all Federal, State, and Local laws. R6m

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