



PCS-44 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 up-graded Carling lit switches. The system has 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 power wire with a 50 Amp Circuit breaker for overall circuit protection. More installation information can be found at www.xtcinstall.com

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

1. Remove the Passenger seat and the center console plastics and passenger side panel. Remove the ground wire from the battery to prevent short.



2. Mount the control box on top of the center storage box with the 10-24 x 1/2" machine screws provided.



3. Mount the Terminal Strip and the 5/16" black ground stud on the 1.75" Cross bar with the provided self-tapping screws.



4. Mount Fuse Block. The fuse block can be mounted either inside the glove box or on the outside using machine screws.

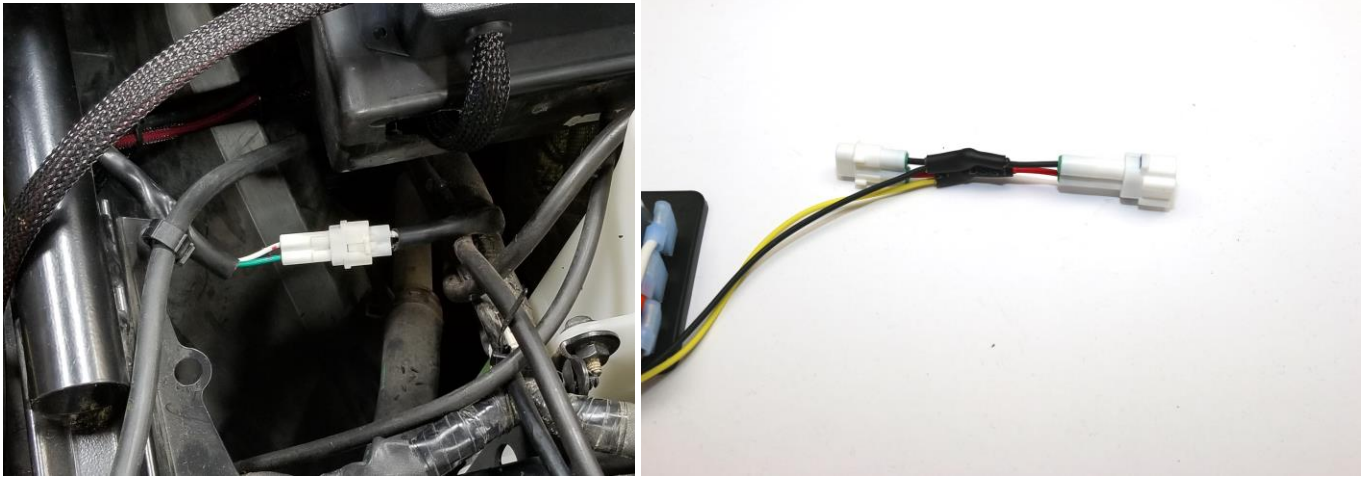


Inside Glove Box - Remove the wires from the fuse block if attached. Mount the Fuse Block inside the rear of the glove box using the #10 self-tapping screws. Drill $\frac{3}{4}$ " hole in the upper left-hand corner of the box, this can be accessed from the front outside under dash cover. Install the provided $\frac{3}{4}$ " grommet, insert fuse block wires into glove box and attach to terminals in the following order. Grey to fuse 1, Orange fuse 2, White Fuse 3, Red fuse 4 and Pink fuse 5.



Outside Glove Box - Using the fuse block as a template mark the side of the glove box and drill with $\frac{1}{4}$ " bit.

5. Plug the PCS Yellow and Black Wire with 2 pin white plug into the Power AUX Plug. Unplug the white 2 pin connector and plug our light adapter in line.



6. Connect the power wire from the devices to be controlled to the appropriate terminal on the barrier strip. The following is the switch designations.

- Terminal 1 is Grey and is on relay 1 controlled by switch 1 with 20-amp fuse
- Terminal 2 is Orange and is on relay 2 controlled by switch 2 in upper center dash with 20-amp fuse
- Terminal 3 is White and is on relay 3 controlled by switch 3 in upper center dash with 20-amp fuse
- Terminal 4 is Red and is on relay 4 controlled by switch 4 center console with 20-amp fuse

7. Plug the switch harness into the 12 pin Molex® connector.

8. Mount Switches. Attach switch harness to installed switches.



9. Run the long Red 8GA power wire from the battery up into the glove box through the 3/4" grommet installed earlier, attach to the fuse block. Attach the other end to the 50-amp breaker, then the short end to the positive battery post.

10. Run the Black 8GA wire from the 5/16" ground post to the ground on the battery.

Always use the proper fuse size that the product manufacturer recommends.

11. Replace any of the fuses in the fuse block with the fuse value for the device on that circuit, failing to do so will reduce the protection to that device.

12. Re-attach ground wire and verify operation

13. Secure the harness using the provided cable ties keeping it away from any hot or moving parts

14. Reinstall plastics and seat

Note: The harness is prewired for bottom row lit switches. Basic switch with top dependent LED may be used or when upgrading the switch to two LED use Carling SPST Switch with independent Bottom Row Lighting.

More information about the install can be found at www.xtcinstall.com

Accessory cables and switches above can be purchased at www.xtcpowerproducts.com

More information on installation may be seen at www.xtcinstall.com. For support on installation we can be emailed at support@xtcpowerproducts.com or we can be reached by phone at 480-558-8588.

XTC Power Products
A Division of XTC Motorsports LLC
925 N McQueen RD. #101
Gilbert AZ 85233
480-558-8588
www.xtcpowerproducts.com
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