



PCS 64-MAV

Power Control System for the Polaris Maverick

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 six circuits, two 10 amp direct and one 30-amp & three 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.

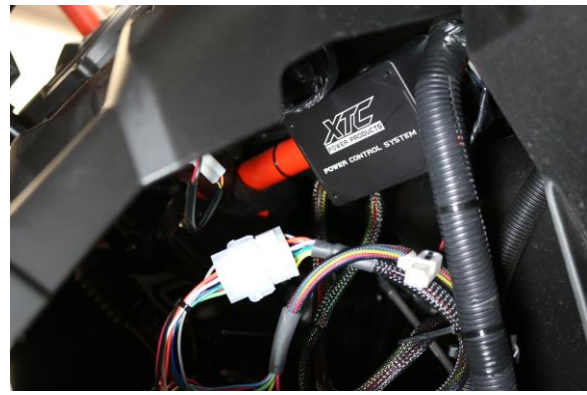
1. Remove Passenger seat, center console cup holder, front tunnel center kick panels.
2. Mount the provided clamps onto the control box.



3. Mount the control box in the center of the 1.25" bar in the dash

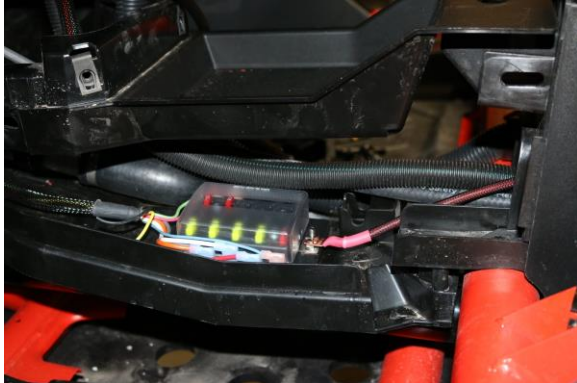


Tighten the first clamp up as much as possible before sliding the unit further over and setting the second clamp to make it easier to do the final tightening.

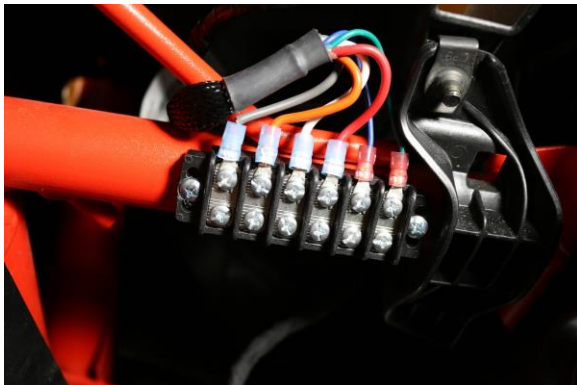


Tighten both clamps and tighten the two 10-24 mounting screws

4. Mount the fuse Block in the front center console using the provided screws. Pull the one center screw out to push it over to get the screw gun in.



5. Mount the barrier strip on the dash support 1.25" bar with the provided self tapping screws. We now include our UNI-GND-RDS ground kit. Mount the ground on the bar next to the barrier strip using the supplied self tapping screws. Attach the ground wires from the items being powered to the radius ground.



6. Connect the power wire from the devices to be controlled to the appropriate terminal on the barrier strip. 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 should be used for smaller items like whip light, interior lighting, or stereo. The following is the switch designations.

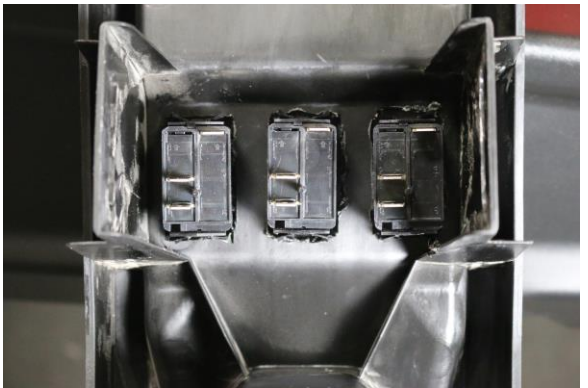
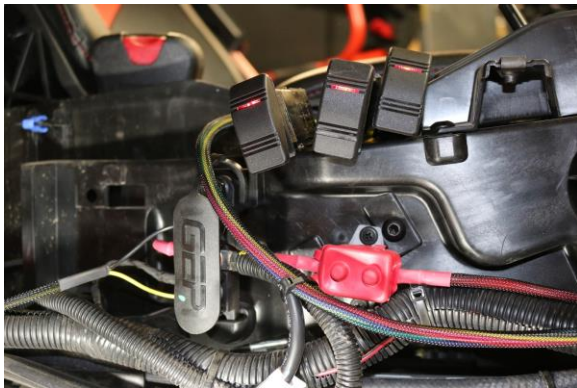
- Terminal 1 is Grey and is on relay 1 controlled by switch 1 in upper center dash with 30-amp fuse
- Terminal 2 is Orange and is on relay 2 controlled by switch 2 in upper center dash with 20-amp fuse
- Terminal 3 is White and is on relay 3 controlled by switch 3 in upper center dash with 20-amp fuse
- Terminal 4 is Red and is on relay 4 controlled by switch 4 center console with 20-amp fuse
- Terminal 5 is Blue and is direct and controlled by switch 5 center console with 10-amp fuse
- Terminal 6 is Green and is direct and controlled by switch 6 center console with 10-amp fuse

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

8. Run the long end of the harness with Switch 4, 5 and 6 down to the center console next to the cup holders. The two switches next to the 12 Pin Molex go in the center dash by removing the inserts and push connectors through opening and attach switches then reinsert. Switch 1 can be mounted in the center cluster or can be installed on the other side of the steering wheel, your choice.



9. Use a cutting tool to cut out the three center console switch cutouts (Do Not Overcut, under cut and trim as needed) and mount the switches. Attach the switch harness to the switches



10. Run the Red 8GA power wire from the fuse block stud to the factory busbar fulltime power (Center Stud), secure the 50-amp Circuit Breaker with the supplied screws. Plug the 2 Way connector into the connector next to the fuse block and run over to the busbar and hook the Yellow wire to the bottom keyed power post and the Black to the top ground post.



- 11. Verify operation and secure the harness using the provided cable ties keeping it away from any hot or moving parts**
- 12. 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.

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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. R7m

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