



## Rugged Radios Power Control System

Thank you for purchasing our PCS-RADIO-RUG Plug & Play Switch System. Please read the instructions fully to familiarize yourself with the components before starting the install. This Switch can be used in a Variety of vehicles, for sample we use the Polaris RZR XP and the Maverick X3 but may be installed in any UTV.

### RZR XP Sample

1. Remove Hood
2. Mount the relay on the fire wall with the supplied screw, Polaris offers 4 spots on the fire wall for this purpose.



3. Remove Rubber Grommet, using a box knife cut lines and reinstall
4. Run Switch harness through grommet up to dash



5. Cut out a switch opening in the dash using the supplied template or use a factory switch cut out. Make sure there is room behind the dash for the Switch and Harness
6. Run the wires with the 8-pin connector through the hole/cut out and attach the switch, then push switch into dash.
7. Remove the seats and center plastics, run the long cable with dual fuses down the fire wall back to the battery, make sure to keep the wire away from any hot or moving parts. Attach the Red cable to the positive on the battery and the Black to the negative on the battery, secure cable with included cable ties and mount the fuses with the supplied screws.



8. Run the smaller fuse set to the factory busbar. The yellow wire will be attached to the left terminal marked accessories on the factory busbar, this lets the bottom display light come on with the key. Next the black wire needs to be attached to ground, remove the mounting screw for the busbar and install ground wire and reinstall. The third red fused wire, can be attached to full time power on the busbar if installed, or to the accessory switched power. If the switched accessory power is used the radio will go off with the key switch AND the Radio Switch, if full time power the radio will only go on and off with the radio switch. GOTO Section 9 Below.

### Maverick X3 Sample

1. Remove the front passenger seat, you can leave the seatbelt attached and set the seat to the side.
2. Remove the passenger plastic side panels under the center console and disconnect the ground wire from the battery and mount the relay in the center console using the provided self tapping screw.



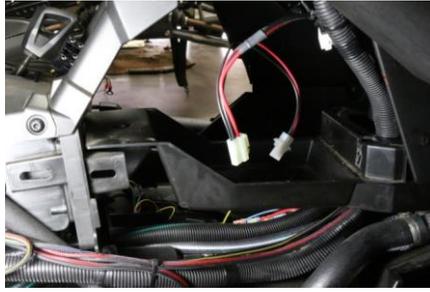
3. The Switch may be mounted in the center dash or between the seats. If up in the dash, remove the plastic panel cover in the center under the dash and run Switch Harness up to one of the factory switch spots and insert switch.



4. Attach the smaller fuse harness set to the factory busbar. The Yellow wire will be attached to the bottom post that is keyed power, the fused Red wire will be attached to the center post that is full time power and the Black ground wire to the top post. NOTE: The Red fused wire can be attached to full time power on the busbar as shown or to the bottom accessory switched power. If the switched accessory power is used, the radio will go off with the key switch and the Radio Switch. If the full time power is used, the radio will only go on and off with the Radio Switch.



5. Run the large Red and Black cable to the battery.
6. If not done in step 2, remove the screw from the Negative Black Terminal of the battery and make sure to push it to the side.
7. Remove the screw from the Red Positive wire and hook the Red Radio power wire to it and reinstall screw.
8. Reattach the black ground wires to the battery. Run the Wire Harness with the two connectors through the center up to the radio and intercom mounting point.



9. Plug the smaller connector into the Intercom and the larger one into the Radio connector



10. Using the supplied cable ties, secure the harness to the vehicle. The harness fits both two and four seat models, take any excess wire if mounted in a two seat and wrap as shown in the picture below.



11. Using the supplied cable ties, secure the harness to the vehicle and verify operation.

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