

Escape Power Sports Free Write Up

How To: UTV Upgrades: Winch Wiring

Demo Machine: 2013 Can-Am Commander 1000

Time Estimate: 6 Pack of Beer (1-2 Hours)

Tools Required (Suggested**):**

- Flat head Screw Driver, 10mm Wrench, Torx 25 Star Bit with Driver
- Drill with several bits (**Step-up Drill Bit**)
- Pliers
- Pencil and Sharpie
- Wire Tapping Connectors
- Lots of Zip Ties and Electrical Tape

Required for Installing Can-Am Switch

- Wire Splicers
- Female Wire Connectors
- New Switch

Parts Required:

- Winch wiring components included with winch

Steps:

1. Attach four big wires to solenoid, they are color labeled, Red, Black, Yellow, and Blue.
2. Mount Solenoid to machine by drilling two holes and using provided hardware.
3. Run yellow and blue wires to winch and the red and black to battery.
4. Attach Circuit Breaker to end of red wire before attaching it to the battery.

5. Mount Remote plug to a convenient place on the dash. Drill the hole carefully and check often to make sure the hole doesn't get too big. Drill two smaller holes to secure the plug with the provided hardware.
6. Mount rocker switch by finding a convenient bar and attaching it with provided hardware
7. **NOTE:** the small red wire running out of the rocker switch wiring should be attached to a wire that gets power when the ignition is on. The most convenient wire to tap is usually the power wire going into the back of the cigarette lighter. In the case of the RZR 900 XP it was an orange and white wire. There are very convenient snap on wire tapping connectors on Amazon.

Steps for Can-Am Switch.

1. Cut wire running to remote plug, exposing the red, black, brown, and blue wires underneath.
2. Attach female wire connectors to each wire that will fit the poles on the back of the switch.
3. Run wires through dash before attaching to switch
4. When looking at the back of the plug, we will be attaching the wires on the poles to the right. Starting at the top the order is black, brown, red, blue.

Notes/Tips:

- Mount solenoid where it will have limited exposure to rain, mud, or dirt.
- Wrap Circuit breaker with electrical tape
- Take time to wrap any exposed connections with electrical tape.
- Run wires where they are the least visible, sometimes removing plastic panels is necessary to hide wires, and a lot of zip ties will be used to secure the wires to areas like the frame.
- After crimping wire to connectors give them a tug to make sure connection is tight