

## BPOAZ Mount Instructions for Switch Pro 9100 and Switch Pro RCR Force 12

Thank you for ordering a cage mount for your RCR Force 12 System. We are a small business located in Queen Creek Arizona which values and appreciates your business. Please do not hesitate to reach out with questions or comments. For the links in these instructions to work you must be using an online version of these instructions that is available on our website. Always double check drill and tap charts to ensure your drill and tap sizes are correct. As suggested below drill and tap a practice hole in material that is not important. Test your fastener to ensure it fits properly prior to drilling into your cage.

**PLEASE READ ALL STEPS PRIOR TO WELDING TO ENSURE PROPER ASSEMBLY.**

**The included magnet may break if you drop it or if you place too much torque on it. Hand snug of the bolt is all that is needed. Use a little blue thread lock compound to help keep the bolt snug. There is a reminder about this in the instructions below.**

### **Ensure all parts arrived as expected.**

We will normally assemble these pieces in the proper order, so we know you have all the parts in the correct order.

You do not have to use the included Rivet Nut, we provide it, so you have the option to drill and tap your cage or drill and insert a Rivet Nut. It is up to you.

We are having a hard time with consistency of magnets and magnetic stickers. So far, we have had to change up the magnetic stickers we supply in order to meet customer demand. We have been able to supply the black magnets shown in the photo, however if supply does not meet our demand, we may supply a silver magnet. None of this can be seen once you mount the unit.



### **Remove the bolt from the mounting hole.**

The supplied rivet nut will be holding the screw and magnet into the mount.



Place the mount in the location you plan to mount it. Ensure you have the mount at the viewing angle of preference.



Mark the location of the hole and then centerpunch that mark.



Drill a hole to accept the proper sized fastener or Rivet Nut. It is always suggested you drill a practice whole and tap it in another material prior to drilling into your cage. Ensure you drill the hole in the same plane as your screw will need to enter the tube. It should be square to the face of the mount when you had it at the viewing angle you desire.

#### **Imperial Fastener**

If using a 10-24 bolt drill a 5/32 hole and then tap with your choice of 10/24" cutting taps.

If using the Rivet Nut supplied by us drill a 19/64 hole. Hole to fit the OD of the Rivet Nut.

#### **Metric Fastener**

If using an M5 bolt drill an 4mm hole and then tap with your choice of M5 cutting taps.

If using an M5 Rivet Nut supplied by us, drill 7.6mm hole to fit the OD of the Rivet Nut.



If installing a Rivet Nut is new to you, here is a great info page and a video to watch. It includes how to make the tool for just a couple of bucks too. Just use the correct size fasteners based on your choice of Metric or Imperial.

Ensure you are careful taping the tube and ensure you follow proper tapping techniques. Always wear eye protection and any other protective devices will ensure you complete the job safely.



[How To: Nut Insert](#)

**Wipe the pack of your Switch-Pro panel with 91% to 100% Isopropyl Alcohol. Install the magnetic plate to the back of your RCR Force 12/ 9100 Panel.**

Ensure the sticker is in alignment with the magnet. Once you have placed the sticker don't forget to peel off the clear protective cover.

Adhesive side sticks the magnet to the Panel not the mount.

**Ensure the magnet and bolt has been installed into the mount. Place your Mount and panel into its mounting location. Ensure the panel is not installed all the way into the pocket as you need access to the bolt.**

**We suggest a small amount of BLUE thread lock compound to the fastener.**



**Loosely install the bolt making sure the Switch-Pro wire harness is in the channel on the back of our mount.**

<p>We have heard some people like to remove the label that is in the harness to allow it easier movement thru the channel.</p>	
<p><b>Snug the fastener. The bolt does not need one, two or even 3 uggadugga's with an impact wrench. Just a gentle snugging of the bolt by hand.</b></p>	<p>The magnet is the most torque sensitive portion of this mount. Over torquing the bolt will break the magnet. If you break the magnet, we can help you with the Amazon Part number or we can work out shipping you another magnet.</p>
<p><b>Install your panel into the mount and plug it into the other end of your wiring harness.</b></p> <p>Some people choose to drill another hole and run the wires inside the cage. While we like that option, we do not provide instructions for that as the install can be complex and different based on the construction of your cage. (The nut in this photo holds the roof on, nothing to do with the mount.)</p> <p><b>Bingo... You are done!</b></p>	

**Thank you to our troops and the families that support them!**



Product proudly produced in the USA by Bulletproof-Offroad.com and BPOAZ.COM

Call us for questions or concerns... even compliments...

If you are local let's get in our Side by Side and go for a ride!