



**SDHQ Motorsports**  
**190 S McQueen Rd**  
**Ste 109 Gilbert, AZ 85233**  
**Phone: 480-633-2929**

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## Product Packing List

**Product:** SDHQ-13-1142-G12

**Description:** 2010-2014 Ford Raptor Switch Pros Mounting Kit

_____ (1) SDHQ Laser Cut Face Plate	SDHQ-13-1130-G12-A
_____ (1) SDHQ Laser Cut Backing Reinforcement	SDHQ-13-1130-G12-B
_____ (1) SDHQ Power Module Mount Plate	SDHQ-13-1140-G12
_____ (1) SDHQ 36" 4GA Power Cable	SDHQ-02-1140-36

**Inspected and Packaged By:** \_\_\_\_\_ **Date:** \_\_\_\_\_

For questions or help with the installation, please call SDHQ Offroad @ 480-633-2929  
Mon.-Fri. 8:00am-5:30pm and Sat. 8:00am-3:30pm Arizona Time. [www.sdhqoffroad.com](http://www.sdhqoffroad.com)





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## INSTALLATION INSTRUCTIONS

**Product:** *SDHQ-13-1142-G12*

**Description:** 2010-2014 Ford Raptor Switch Pros Mounting Kit

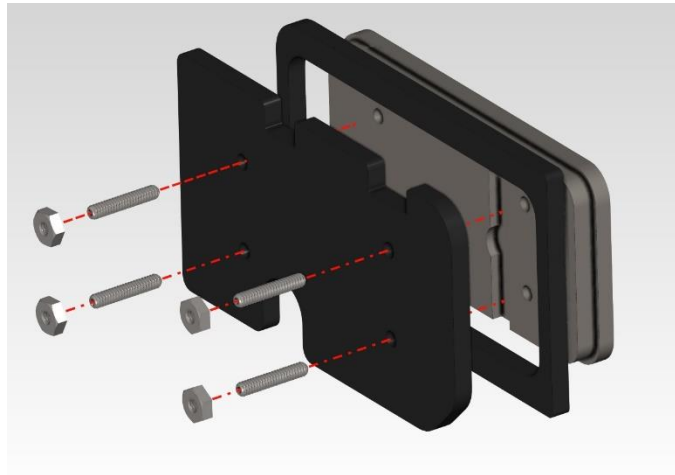


<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
<p><b><u>Standard Mounting Kit:</u></b>            (1) SDHQ Keypad Mounting Kit                SDHQ-13-1130-G12-A                SDHQ-13-1130-G12-B            (1) SDHQ Power Module Mount                SDHQ-13-1140-G12            (1) SDHQ 36" 4GA Power Cable                SDHQ-02-1140-36</p> <p><b><u>Optional Relay Pack Upgrade*:</u></b>            (1) Sealed Relay Module Package                SDHQ-02-1141-U1</p>	N/A	10mm Deep Socket 7mm Socket Ratchet Philips Head Screwdriver 1/8" Hex Bit 10mm Wrench

### **Tech Notes**

Use anti-seize on all stainless steel hardware.  
 Make sure terminal crimps are tight to avoid damage and fire hazard.  
 \*Optional Relay Pack Upgrade is not included. Must be purchased separately.  
 \*\*Approx install time = 1 Hour (not including wiring)\*\*

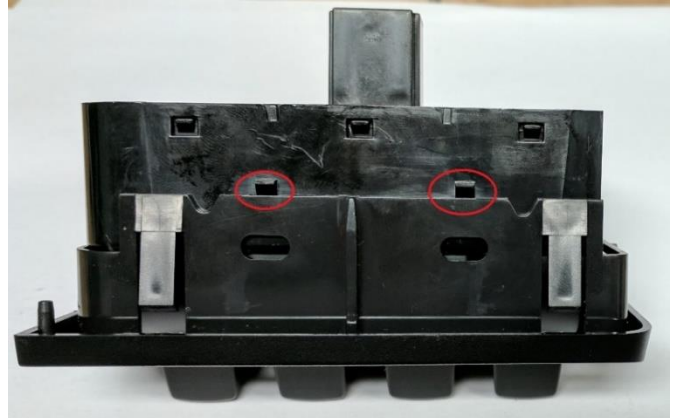
**\*\*\*READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! \*\*\***



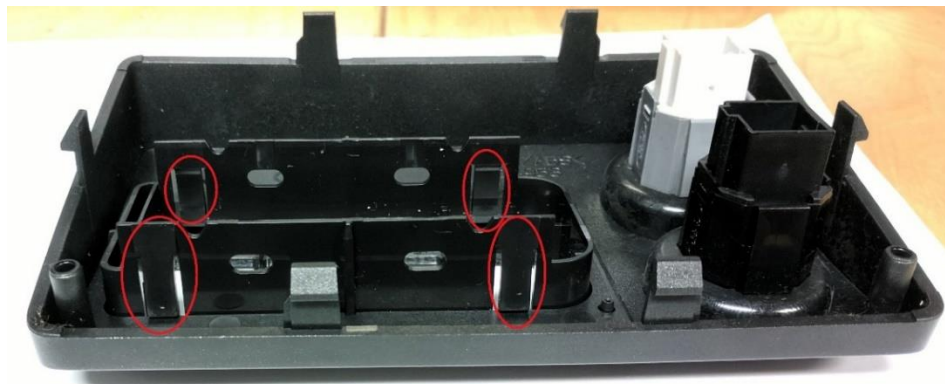
## **Installation Instructions:**

### **Keypad Mounting:**

1. Grab the top and bottom of the panel and pull outward. There are (6) clips total connecting the panel to the truck. (2) clips are on the top and bottom and (1) on each side. Unplug the (3) plugs.
2. Once the panel is out, the switches can be removed. Using a small screwdriver, unclip all (4) clips holding the switches to the panel. The switches can then be pulled out once unclipped.



3. The last piece that needs to be removed is the cover for the switches. This can be removed by pushing in the (4) clips connecting the cover to the panel.



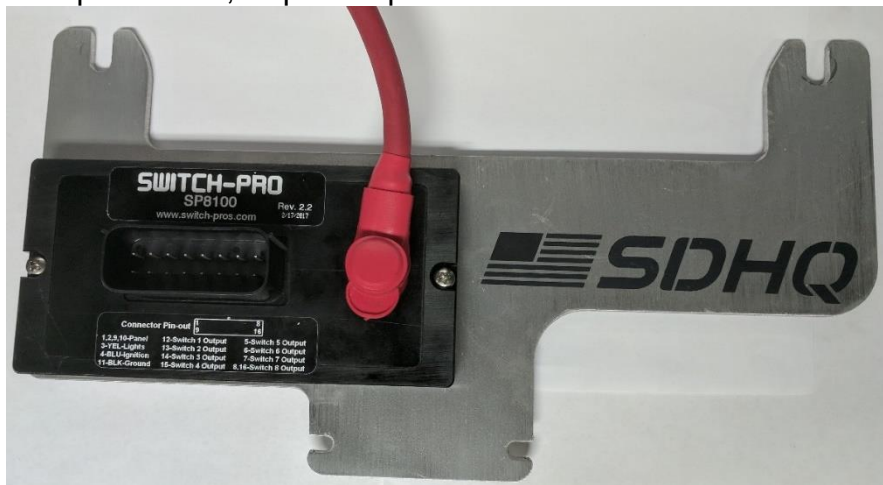
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4. With the cover and switches removed, the Switch Pros Keypad can be installed. Place the top acrylic panel over the opening on the face of the factory panel. Insert the Switch Pros Keypad into the opening.
5. On the back side of the panel, place the acrylic backer and align with the Switch Pros Keypad mounting holes. Place and tighten the all thread through the acrylic backer and into the Keypad. Tighten the nylock nuts down to the backer and Keypad. Reinstall the panel after the wiring is ran.



### Power Module Mounting:

6. Install the Switch Pros Power Module onto the SDHQ Mount as pictured below. The Power Module will use the Switch Pros mounting hardware to mount to the SDHQ Mount. Replace the Switch Pros Power Wire with the SDHQ 36" 4GA Power Cable. If the optional Relay Pack Upgrade was not purchased, skip to step 8.



7. Install the Relay Pack Upgrade onto the SDHQ Mount as pictured below. This will require the Power Module Metal Bracket, (2) #10-32 x 1/2" S.S Button Head Bolts, (4) #10 S.S. Washers and (2) #10-32 Nylock Nuts. It is recommended to wire and install the Power Module Base and Cover once installation of the Power Module Mount is complete.



8. Locate the Power Control Module (PCM) inside of the engine bay on the passenger side of the firewall. There are two bolts on either side of the PCM that will need to be loosened to install the Mount. The outside bolt also has a wire and nut attached that will need to be removed. To do this, use the 10mm wrench and place it on the bolt closer to the firewall. Then using the 10mm deep socket and ratchet, remove the bolt and wire. Now the bolts on either side of the PCM can be loosened.



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9. Install the Power Module Mount. It is a tight fit and will need some patience, but it can be installed without removing any wires. Pictured below is the way it's been installed previously. In the second picture, the mount is pushed down towards the ground and then slid up behind the bolts. An alternative way is to remove those bolts fully and then install them once the Mount is in place. The PCM wires can also be disconnected to help with installation of the Mount.



10. Tighten down those bolts to hold the Power Module Mount. Place the wire back on top of the bolt and tighten the nut back down. Now the wiring can be ran and the optional Relay Pack Upgrade base and cover can be installed.

**\*\*\*Double check all hardware is installed correctly and tight\*\*\***

**\*\*\*Re-torque ALL bolts after 100 miles\*\*\***



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