



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

Product Packing List

Product: *SDHQ-15-1130-G5*

Description: '19+ Ford Ranger Switch Pros Keypad Mount

_____ (1) 3D Printed Mount	SDHQ-15-1130-G5-A
_____ (1) Hardware Package	SDHQ-15-1130-G5-B
_____ (2) #8 - 32 x 1/2" Thread Forming Screws	
_____ (1) 8d x 2 1/2" Steel Nail	
_____ (1) 9/64" Drill Bit	

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



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INSTALLATION INSTRUCTIONS

Product: SDHQ-15-1130-G5

Description: '19+ Ford Ranger Switch Pros Keypad Mount



<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) 3D Printed Mount SDHQ-15-1130-G5-A (1) Hardware Package SDHQ-15-1130-G5-B	(2) #8 – 32 x 1/2" Thread Forming Screw (1) 8d x 2 1/2" Steel Nail (1) 9/64" Drill Bit	Panel Removal Tools 9/32", 8mm Sockets Ratchet Philips Head Screw Driver Flush Cut Pliers Thin Pick Drill
Tech Notes		
Utilizes Switch Pro Hardware to secure the Keypad to the 3D Printed Mount. Approx. Install Time: 2 Hours (Not including wiring)		

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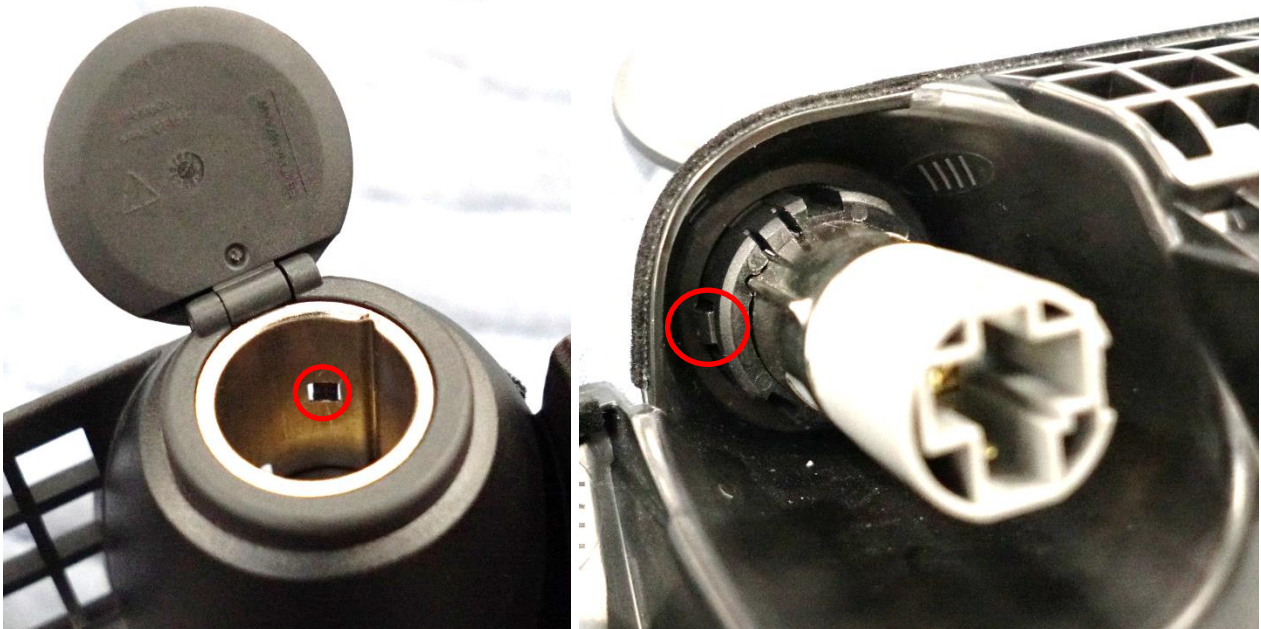
*****READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! *****

Installation Instructions:

1. Unbox all of the parts and familiarize yourself with them.
2. **Preparing your truck.** Open the glove box and the fuse panel that pulls down on the driver side. Use the panel removal tool and remove both bottom side panels by pulling straight out.
3. Using the 9/32" socket and ratchet, remove (2) bolts securing the bottom trim panel as circled below. Pull this bottom trim piece straight out. Use a thin pick to remove both electrical connections on the 12v ports. Finish removing the panel.



4. With the bottom trim panel removed from the vehicle, use a thin pick to remove both 12v ports. Depress (2) black clips on the inside of the 12v port, circled below, and push the metal port through the face of the panel. Using a thin pick still, remove the 12v port by depressing (2) black clips on the back side. Push the plastic port through the face of the panel.



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5. With both 12v ports removed, the bottom trim panel needs to be center punched and drilled. Align the 3D Printed Mount and bottom trim panel as shown below. The top of the 3D Printed Mount will need to be installed before the bottom of the Mount can be positioned properly. Once installed, the front of the 3D Printed Mount will be flush with the 12v ports.



6. Using the 8d x 2 1/2" Steel Nail, mark the bottom trim panel where to drill. Be sure the 3D Printed Mount is aligned and pressed firmly against the panel when marking.



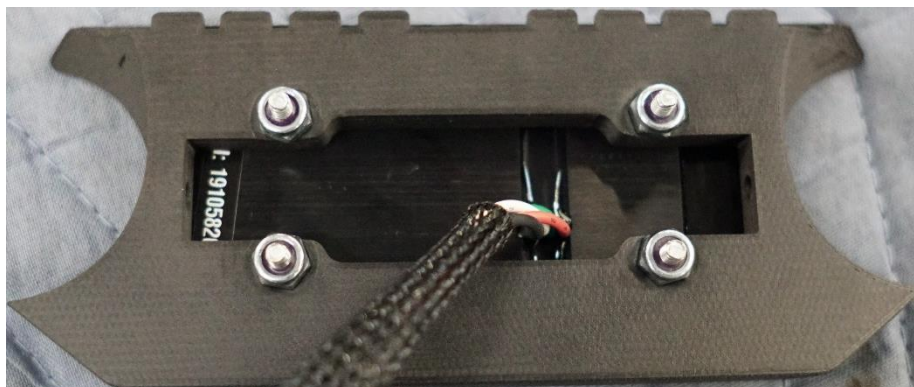
7. Drill the marks created in Step 6 using the 9/64" bit and drill. Deburr the hole if necessary. Install the 3D Printed Mount. Verify the hole drilled and the hole in the 3D Printed Mount are aligned. Drill the panel again if necessary until the holes align.



8. Using Flush Cut Pliers, cut part of the mesh as pictured below. This is where the Keypad electrical connection will feed through.



9. **Installing the Switch Pros.** Thread the (4) #6 – 32 threaded studs from the Switch Pros Kit into the back of the Keypad. Insert the Keypad and threaded studs into the 3D Printed Mount. Secure the Keypad with the #6 – 32 Nylock Nuts from the Switch Pros Kit.



10. Install the Switch Pros Keypad and 3D Printed Mount to the bottom trim panel. Using the supplied #8 – 32 x ½” Thread Forming Screws, thread them into the 3D Printed Mount as shown below.



11. With the Switch Pros Keypad installed, install the 12v ports. Clip the plastic port into the panel, then clip the metal 12v port into the plastic cover.



12. **Reinstall the dash panels.** Wire the Switch Pros as necessary. Follow Steps 2-3 in reverse order to complete the installation. **Enjoy!**

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

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



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