



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

Product Packing List

Product: SDHQ-15-1140-G5

Description: '19+ Ford Ranger Switch Pros Power Module Mount

_____ (1) SDHQ Power Module Mount	SDHQ-15-1140-G5-A
_____ (1) Hardware Package	SDHQ-15-1140-G5-B
_____ (2) #10 - 24 x 3/4" S.S. Button Head Bolts	
_____ (2) #10 x 3/4" S.S. Fender Washers	
_____ (2) #10 - 24 Clip on Barrel Nuts	

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

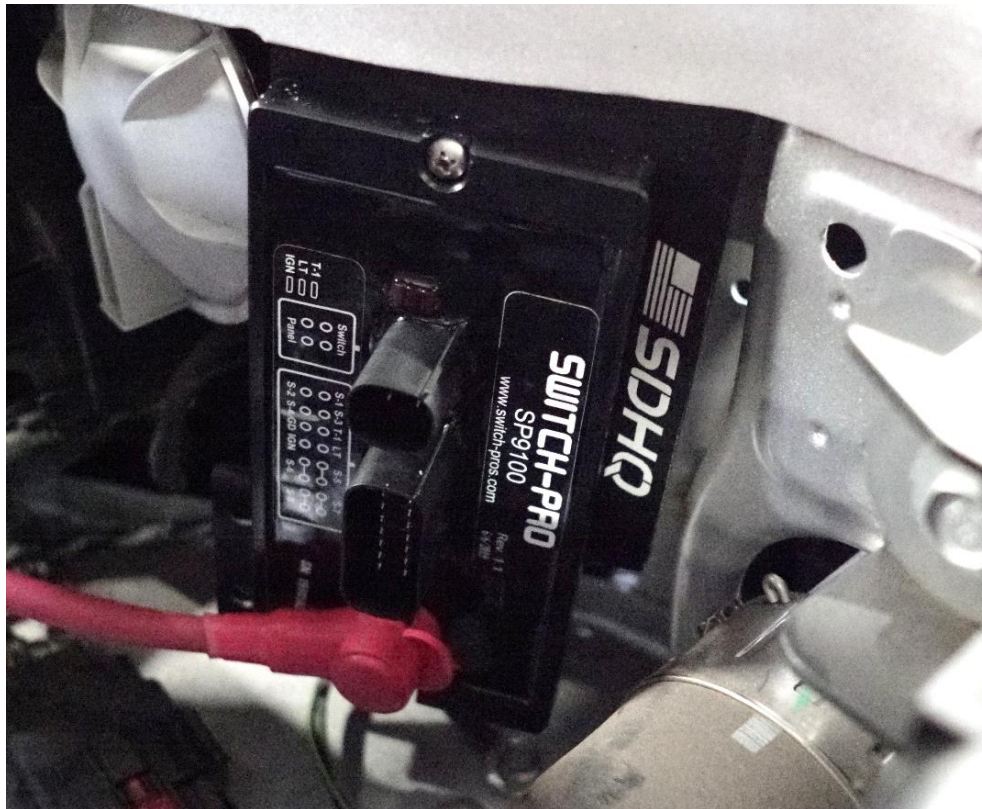


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INSTALLATION INSTRUCTIONS

Product: SDHQ-15-1140-G5

Description: '19+ Ford Ranger Switch Pros Power Module Mount



Parts List	Hardware List	Required Tools
(1) SDHQ Power Module Mount SDHQ-15-1140-G5-A (1) Hardware Package SDHQ-15-1140-G5-B	(2) #10 – 24 x 3/4" S.S. Button Head Bolt (2) #10 x 3/4" S.S. Fender Washer (2) #10 – 24 Clip on Barrel Nut	1/8" Hex key Panel Removal Tools Flat Head Screw Driver Philips Head Screw Driver 9/32" Socket Ratchet Torx T30 Bit

Tech Notes

If you have purchased a Mishimoto catch can, SEPARATELY purchase Mishimoto fitting: MMFT- M16-10SBK and follow instructions and pay attention to Mishimoto specific steps.

Approx. Install Time: 1 Hour

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

Installation Instructions:

1. Unbox all of your parts and familiarize yourself with them.
2. **Preparing your truck.** Using the T30 bit, remove the air intake tube bolts as circled below. Use a flat head screw driver to pop up (5) push in clips circled below. Use the panel removal tool to remove the push in clips. Unclip the plastic cover from the grille and remove the cover.

****If Mishimoto Catch Can is installed remove the catch can from the mount/hoses and vehicle mount. You do not need to keep the Mishimoto hardware circled. (Picture on the right)****



3. Position the Switch Pros Power Module over the SDHQ Mount and secure it using the Switch Pros supplied hardware.

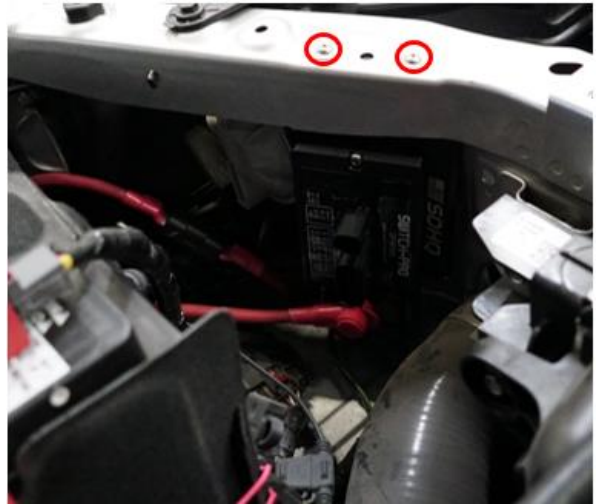


4. Connect the Switch Pros Power Module power cable and place the boot over the connection. Install (2) #10 – 24 clip on barrel nuts as shown below.



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- 5. Installing the Power Module.** In the engine bay of your truck in front of your battery, position the SDHQ Power Module Mount as shown. While pushing the bottom of the mount towards the front of the truck, rotate the top of the mount forward and underneath the sheet metal. Secure the mount with (2) #10 Button Head Bolts and fender washers.



6. Installing the Power Module with Mishimoto Catch Can

Remove the “out” Fitting and install the separately purchased Mishimoto 90° fitting onto the Mishimoto catch can as pictured. Bolt the catch can onto its mount with the three Mishimoto fasteners. Place the Mishimoto catch can bracket on top of the sheet metal with the bend going up. Secure the Power module mount and the catch can mount with (2) #10 Button Head Bolts and fender washers.



7. Wiring:

Once the Switch-Pros power module is mounted, but BEFORE it is connected to anything else, do the following:

1. Reinstall battery (if battery was removed during installation), and secure factory connections. Start vehicle and confirm that battery is properly installed, connected and grounded.
2. Connect the Switch-Pros Ground wire lug to the negative terminal on the battery (grounding elsewhere will not properly filter noise and will void your product warranty).
3. Plug the 16-pin harness into the power module; be sure it locks in.
4. Connect the red Battery Cable to the positive terminal on the battery. Tighten down both ends, to prevent lug from rotating and possibly causing friction or spark.

5. Enjoy your SDHQ mounted Switch Pros Power Module!

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

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



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