

Switch-Pros SP-9100

Switch Pros SP-9100

8-SWITCH PANEL POWER SYSTEM

Instruction Manual

1. INTRODUCTION

The Switch Pros SP-9100 8-Switch Panel Power System is an advanced, solid-state electrical control system designed to simplify the wiring and operation of auxiliary accessories in your vehicle. This manual provides detailed instructions for the setup, operation, and maintenance of your SP-9100 system, ensuring optimal performance and longevity.

2. PRODUCT OVERVIEW

The SP-9100 system consists of a compact switch panel and a robust power module, designed for seamless integration and reliable performance.

2.1. Switch Panel Features

- Eight user-programmable switches.
- RGB Backlighting provides unlimited color options, using Color Picker on App.
- Daisy Chain up to 3 Switch Panels to One Power Module.
- Splash proof switch panel with Polycarbonate overlay faceplate.
- 100 User-selectable switch legends.
- Orange LED switch indicators.

2.2. Power Module Specifications

- 8 Outputs: 4 rated @ 35A, 4 rated @ 18A.
- 125A maximum rating.
- Waterproof and Solid State.
- Dimensions: 6"L x 3"W x .5"H (excluding connectors).



Figure 1: The complete Switch Pros SP-9100 8-Switch Panel Power System kit, showing all included components for installation and operation.

3. SETUP AND INSTALLATION

3.1. Component Identification

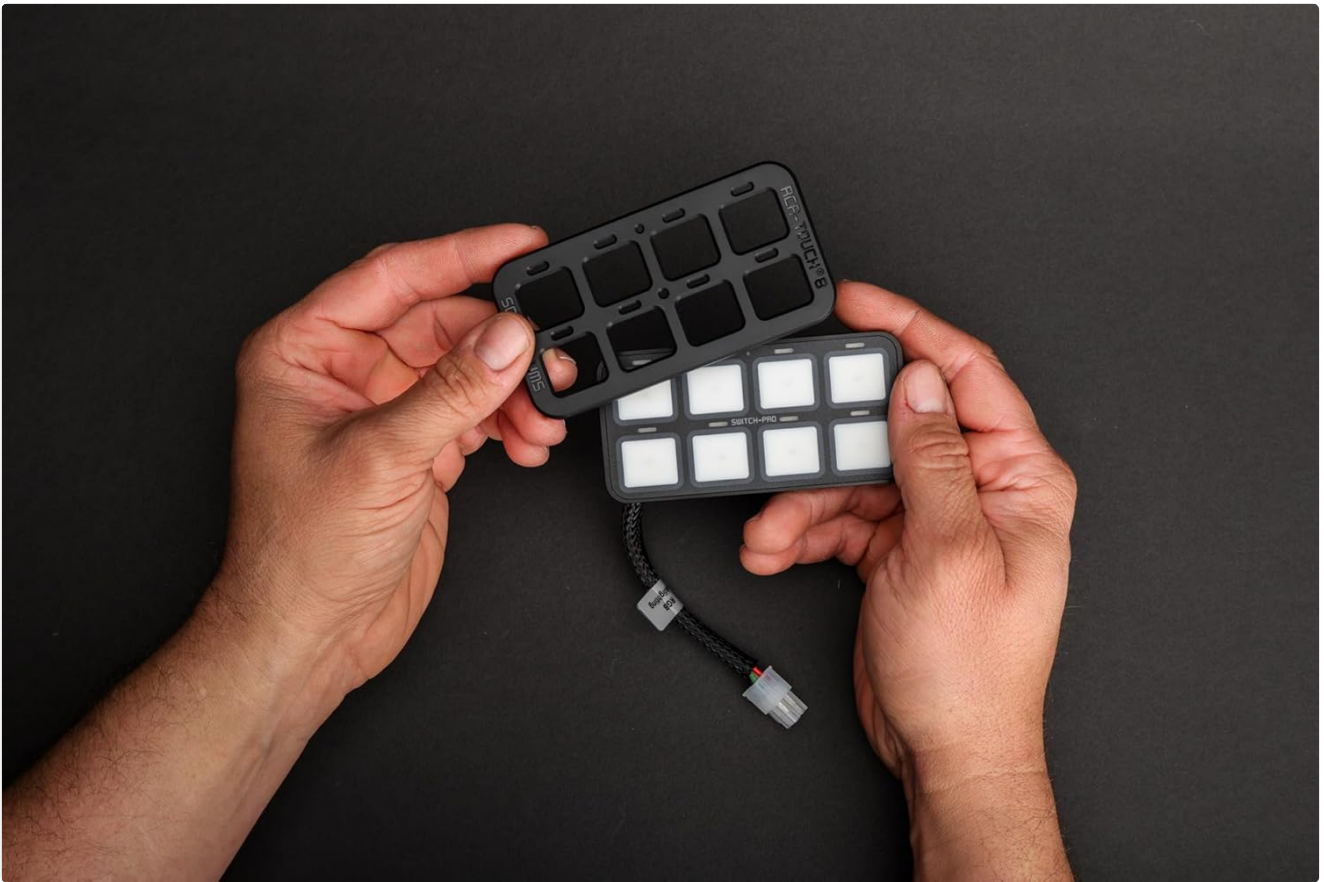


Figure 2: Close-up view of the 8-switch panel and its bezel, demonstrating how the panel fits into the mounting hardware.



Figure 3: The SP-9100 power module, highlighting its input and output connections for electrical accessories.

3.2. Wiring Overview

The SP-9100 system is designed for a clean and organized installation. The main power feed connects directly to your vehicle's battery, and the input from the switch panel connects to the power module. Individual accessory leads

connect to the designated outputs on the power module, eliminating the need for multiple relays and complex wiring harnesses under the hood.

For detailed wiring diagrams and specific installation steps, please refer to the comprehensive guide included with your product packaging.

4. OPERATING THE SYSTEM

4.1. Switch Panel Operation

Each of the eight switches on the panel is user-programmable, allowing for flexible control of your accessories. Switches can be configured for:

- On/Off or Momentary operation.
- Ignition or Battery Input.
- Flash or Strobe functions, with user-selectable patterns and One Touch activation.
- Memory Function to recall previous settings.
- Master Mode, enabling multiple outputs to be turned On and Off with a single touch.
- Automatic Power-Up upon vehicle start up.

The RGB backlighting allows for customization to match your vehicle's interior lighting, and the 100 user-selectable switch legends ensure clear identification of each accessory's function.

4.2. Bluetooth App Control

The SP-9100 system features a built-in Bluetooth Module, allowing you to program and control the system directly from your smartphone using the FREE Apple or Android App. The app provides a convenient interface for:

- Programming switch functions and settings.
- Monitoring Battery Voltage Readout.
- Utilizing Two External trigger inputs, each capable of activating up to four outputs (Active Hi or Active Low).
- Dimming lighting outputs from 100% to 10%, including during Flash or Strobe patterns.
- Activating Sleep Mode for minimal power consumption.
- Setting a Time Delay Off function for all circuits.

5. MAINTENANCE

The Switch Pros SP-9100 system is designed for durability and minimal maintenance. The power module is waterproof and solid-state, reducing the risk of corrosion and mechanical failure.

- **Regular Inspection:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion or damage.
- **Cleaning:** Keep the switch panel and power module clean from dirt and debris. Use a soft, damp cloth for cleaning. Avoid harsh chemicals.
- **Firmware Updates:** Check the official Switch-Pros website or app store for any available firmware updates for your system to ensure optimal performance and access to new features.

6. TROUBLESHOOTING

The SP-9100 system includes LED Input Status Indicators on the power module for easy troubleshooting. Refer to these indicators to diagnose potential issues.

- **No Power to Accessories:** Check the main power connection to the battery and ensure the power module is receiving adequate voltage. Verify the specific switch is activated via the panel or app.
- **Switch Not Responding:** Ensure the switch panel is properly connected to the power module. If using the app, verify Bluetooth connection and that the app is correctly paired with the system.
- **Intermittent Operation:** Inspect all wiring for loose connections or damaged insulation. Ensure the power module is securely mounted and not subject to excessive vibration.
- **App Connectivity Issues:** If the app fails to connect, try restarting the app and ensuring your device's Bluetooth is enabled. If issues persist, consult the app's help section or the manufacturer's support resources.

For more complex issues, it is recommended to contact Switch-Pros customer support or consult a qualified automotive electrician.

7. SPECIFICATIONS

Feature	Value
Brand	Switch-Pros
Model Number	SP-9100
Product Dimensions	7.65 x 7.65 x 11.98 inches; 3.6 Pounds
Operation Mode	Automatic, Off
Current Rating	125 Amps
Operating Voltage	12 Volts
Contact Type	Normally Open
Connector Type	Plug In
Terminal	Solder
Circuit Type	parallel
Mounting Type	Panel Mount

8. WARRANTY AND SUPPORT

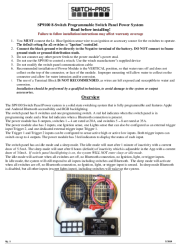
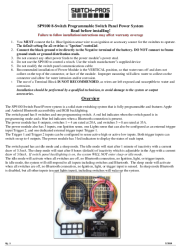
For warranty information and technical support regarding your Switch Pros SP-9100 system, please refer to the documentation provided with your purchase or visit the official Switch-Pros website. Contact information for customer service is typically available on the manufacturer's product page or within the included manual.

Related Documents - SP-9100



[SWITCH-PROS SP9100 8 Switch Programmable Switch Panel Power System Manual](#)

This manual provides detailed instructions for installing, wiring, and programming the SWITCH-PROS SP9100 8-Switch Programmable Switch Panel Power System. It covers component identification, specifications, mounting options, electrical connections, Bluetooth app integration, and advanced switch configurations for automotive and marine applications.

	Switch-Pros SP9100 8-Switch Programmable Power System Installation Guide Comprehensive installation and operation guide for the Switch-Pros SP9100 8-Switch Programmable Switch Panel Power System, detailing wiring, setup, and advanced functions for automotive and powersports applications.
	SWITCH-PROS SP9100 8 Switch Programmable Switch Panel Power System Manual This manual provides detailed instructions for installing, wiring, and programming the SWITCH-PROS SP9100 8-Switch Programmable Switch Panel Power System. It covers component identification, specifications, mounting options, electrical connections, Bluetooth app integration, and advanced switch configurations for automotive and marine applications.
	Switch-Pros SP9100 8-Switch Programmable Power System Installation Guide Comprehensive installation and operation guide for the Switch-Pros SP9100 8-Switch Programmable Switch Panel Power System, detailing wiring, setup, and advanced functions for automotive and powersports applications.
	NightRider LEDS NWSB-8 Universal 8 Gang Switch Panel Installation and Wiring Guide Comprehensive guide for installing and wiring the NightRider LEDS NWSB-8 Universal 8 Gang Switch Panel. Learn about control box mounting, switch panel installation, and electrical connections for your auxiliary lights.
	Fenieux 6X Switch Box (C-3025) Instruction Manual Comprehensive guide for the Fenieux 6X Switch Box (Model C-3025), detailing installation, safety, warranty, specifications, and wiring. Designed for automotive lighting control.

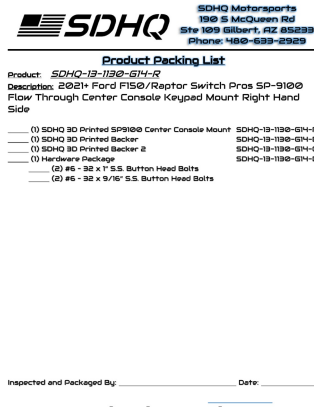


[pdf] Installation Guide Instructions

Print SwarfWorks Switch Pro Mount Instructions store 5rym7wt41v mybigcommerce product images install instructions |||

2015 F-150 2017 Ford Raptor 2017 F250-F550 Switch-Pro **SP-9100** Mount
Instructions Tools needed: Plastic trim removal tools optional 5/16 nut-driver or
socket/ratchet 9/64 hex allen key T20 Torx wrench X-acto knife or something similar 1
1. Remove factory overhead switch/console It has s...

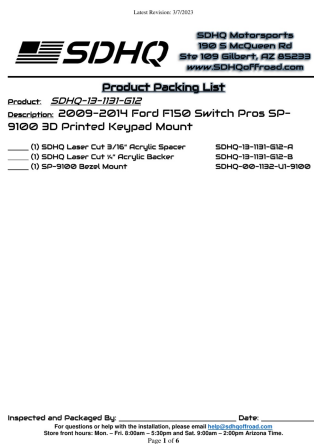
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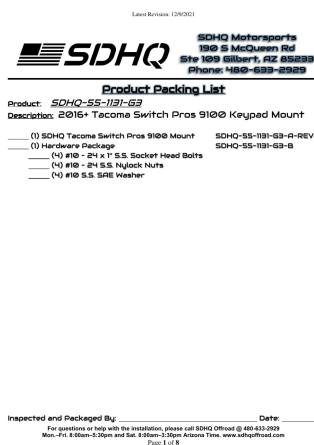
Colton dŸ § INSTALL INSTRUCTIONS §21 24 Ford F 150 SDHQ Built Switch Pros SP 9100 Flow
Through Center C13 1130 G14 R Install Instructionscdn shopify s files 1 2493 2184 13 Instructions v
1660151746 |||

Latest Revision: 08/09/22 Product Packing List Product: SDHQ-13-1130-G14-R
Description: 2021 Ford F150/Raptor Switch Pros **SP-9100** Flow Through Center
Console Keypad Mount Right Hand Side 1 SDHQ 3D Printed SP9100 Center Console
Mount SDHQ-13-1130-G14-R 1 SDHQ 3D Printed Backer SDHQ-13-1130-G...
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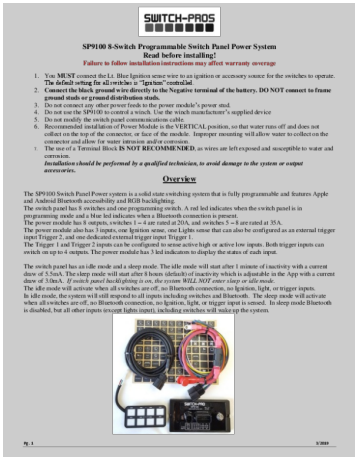
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Colton dŸ § INSTALL INSTRUCTIONS §2009 2014 SDHQ Built Ford F150 Switch Pros Keypad 9100
Mount13 1131 G12 Install Instructionscdn shopify s files 1 2493 2184 13 Instructions v 1689975754 |||
Latest Revision: 3/7/2023 Product Packing List Product: SDHQ-13-1131-G12
Description: 2009-2014 Ford F150 Switch Pros SP9100 3D Printed Keypad Mount 1
SDHQ Laser Cut 3/16 Acrylic Spacer 1 SDHQ Laser Cut Acrylic Backer 1 **SP-9100**
Bezel Mount SDHQ-13-1131-G12-A SDHQ-13-1131-G12-B SDHQ...
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Instructionsstore 5rym7wt41v mybigcommerce product images install instructions Instructions |||
Latest Revision: 12/9/2021 Product Packing List Product: SDHQ-55-1131-G3
Description: 2016 Tacoma Switch Pros 9100 Keypad Mount 1 SDHQ Tacoma Switch
Pros 9100 Mount 1 Hardware Package 4 #10 - 24 x 1 S.S. Socket Head Bolts 4 #10 -
24 S.S. Nylock Nuts 4 #10 S.S. SAE Washer SDHQ-55-113...
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Switch-Pros SP9100 8-Switch Programmable Power System Installation Guide

Comprehensive installation and operation guide for the Switch-Pros SP9100 8-Switch Programmable Switch Panel Power System, detailing wiring, setup, and advanced functions for automotive and powersports applications.

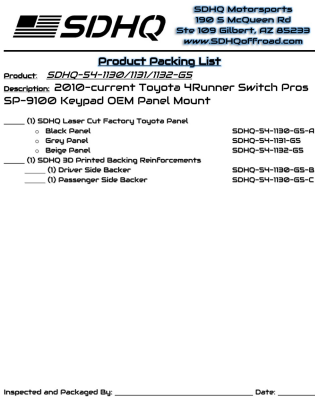
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[pdf] Installation Guide Instructions Parts List

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2010-current Toyota 4Runner Switch Pros SP-9100 Keypad OEM Panel Mount 1 SDHQ Laser Cut Factory Toyota Panel o Black Panel o Grey Panel o Beige P Latest Revision: 2/2/2023 Product Packing List Product: SDHQ-54-1130/1131/1132-G5 Description: 2010-current Toyota 4Runner Switch Pros **SP-9100** Keypad OEM Panel Mount 1 SDHQ Laser Cut Factory Toyota Panel o Black Panel o Grey Panel o Beige Panel 1 SDHQ 3D Printed Backing Reinforcements 1 Driv...

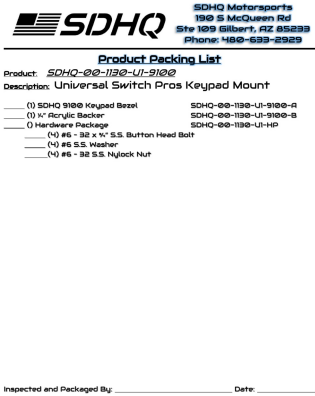
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Colton 0Y § INSTALL INSTRUCTIONS §SDHQ Built Universal Switch Pros SP 9100 Keypad Surface Mount00 1132 U1 Install Instructionscdn shopify s files 1 2493 2184 00 Instructions v 1631721995 ||| Latest Revision: 9/14/2021 Product Packing List Product: SDHQ-00-1132-U1-9100 Description: Universal Switch Pros 9100 Keypad Surface Mount 1 3D Printed Switch Pros 9100 Mount 1 Cut Template SDHQ-00-1132-U1-9100-A SDHQ-00-1132-U1-9100-B Inspected and Packaged By: Date: For questions or help... lang:en score:29 filesize: 696.11 K page_count: 5 document date: 2021-09-14

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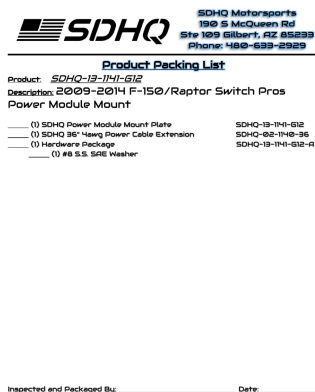
Inspected and Packaged By: _____ Date: _____
For questions or help with the installation, please email info@sdhqoffroad.com.
Store Hours: Mon - Fri 9:00am - 5:00pm and Sat 9:00am - 3:00pm Arizona Time.
Page 1 of 6



[pdf] Installation Guide Instructions Parts List

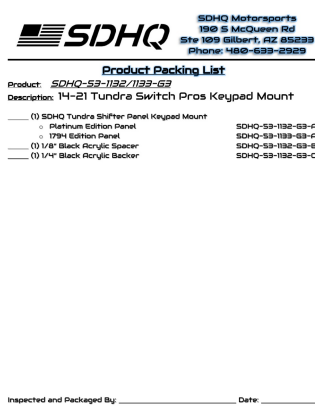
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Inspected and Packaged By: _____ Date: _____
For questions or help with the installation, please call SDHQ Offroad @ 480-433-2929.
Mon, Fri 9:00am - 5:00pm and Sat 9:00am - 3:00pm Arizona Time. www.offroadsdhq.com



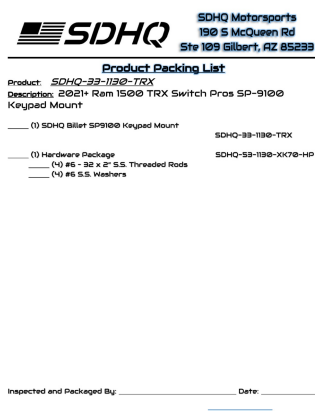
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Colton POWER MODULE MOUNTING INSTRUCTIONS SDHQ 13 1141 G12 10 14 Ford Raptor Built Switch Pros Mounting Kit Install Instructions v 1621468125 cdn shopify s files 1 2493 2184 ||| Latest Revision: 4/2/2021 Product Packing List Product: SDHQ-13-1141-G12 Description: 2009-2014 F-1 ... amage and fire hazard. Switch Pros Power Module uses Switch Pro hardware to mount. Fits Switch Pros **SP-9100** or RCR-Force-12 Power Modules. Approx. Install Time: 30 minutes not including wiring ***RE... lang:en score:29 filesize: 1.07 M page_count: 6 document date: 2021-04-02



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Colton INSTALL INSTRUCTIONS 14 21 Toyota Tundra Shifter Panel Switch Pros SP 9100 Keypad Mount 53 1132 1133 G3 Install Instructions v 1625590047 cdn shopify s files 1 2493 2184 ||| Latest Revision: 7/2/2021 Product Packing List Product: SDHQ-53-1132/1133-G3 Description: 14-21 Tundra Switch Pros Keypad Mount 1 SDHQ Tundra Shifter Panel Keypad Mount o Platinum Edition Panel o 1794 Edition Panel 1 1/8 Black Acrylic Spacer 1 1/4 Black Acrylic Backer SDHQ-53-1132-G3-A SD... lang:en score:29 filesize: 1.18 M page_count: 6 document date: 2021-07-02



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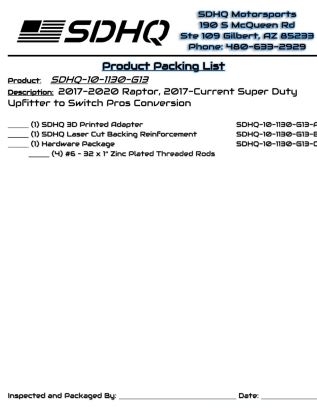
Colton dŸ § Install Instruction §2019 2024 SDHQ Built Silverado Sierra 1500 Switch Pros 9100 Keypad Mou70 1130 G4 Instructions 1cdn shopify s files 1 2493 2184 70 v 1702909140 ||| Latest Revision: 8/9/2023 Product Packing List Product: SDHQ-70-1130-G4 Description: Gen 4 Silverad ... Product: SDHQ-70-1130-G4 Description: SDHQ Built Switch Pros 9100 Keypad Mount Parts List 1 SDHQ **SP-9100** Keypad Mount SDHQ-70-1130-G4-A 1 SDHQ Dash Drilling Template SDHQ-70-1130-G4-B Hardware L... lang:en score:28 filesize: 1.79 M page_count: 10 document date: 2023-08-09



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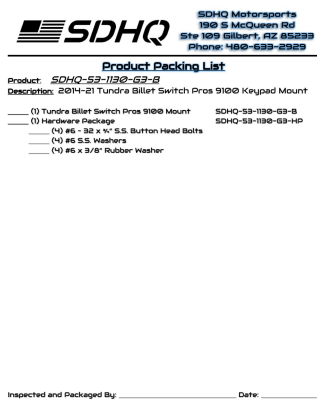
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Description: 2010-2023 Lexus GX460 Switch Pros 9100 Overhead 3D Printed Keypad Mount 1 SDHQ GX460 Switch Pros 9100 OH Keypad Mount SDHQ-56-1131-150 1 Hardware Package SDHQ-56-1131-150-HP 4 #10- 24 x 3/4 S.S. Butt...
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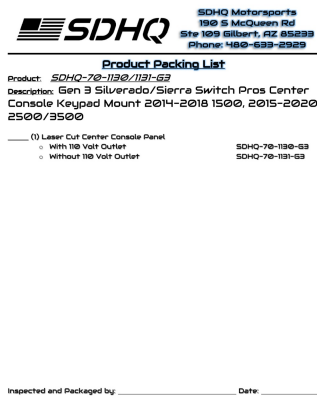
Latest Revision: 10/04/2022 Product Packing List Product: SDHQ-10-1130-G13
Description: 2017-2020 Raptor, 2017-Current Super Duty Upfitter to Switch Pros Conversion 1 SDHQ 3D Printed Adapter 1 SDHQ Laser Cut Backing Reinforcement 1 Hardware Package 4 #6 32 x 1 Zinc Plated Threaded Rods ...
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Colton INSTALL INSTRUCTIONS 14 21 Toyota Tundra SDHQ Built Billet Switch Pros SP 9100 Keypad Mount 53 1130 G3 B Install Instructions 3cf698e5 3d90 4634 bfae 7a2e5d76280b v 1663604774 cdn shopify s files 1 2493 2184 |||

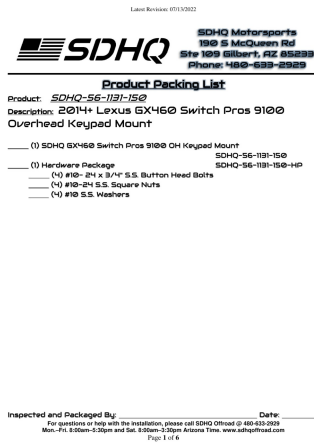
Latest Revision: 4/8/2021 Product Packing List Product: SDHQ-53-1130-G3-B
Description: 2014-21 Tundra Billet Switch Pros 9100 Keypad Mount 1 Tundra Billet Switch Pros 9100 Mount 1 Hardware Package 4 #6 32 x S.S. Button Head Bolts 4 #6 S.S. Washers 4 #6 x 3/8 Rubber Washer SDHQ-53-11...
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Latest Revision: 1/27/2020 Product Packing List Product: SDHQ-70-1130/1131-G3
Description: Gen 3 Silverado/Sierra Switch Pros Center Console Keypad Mount 2014-2018 1500, 2015-2020 2500/3500 1 Laser Cut Center Console Panel o With 110 Volt Outlet o Without 110 Volt Outlet SDHQ-70-1130-G3 SDHQ-70...
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Colton 14 Current Lexus GX460 SDHQ Switch Pros SP 9100 Overhead Keypad Mount56 1131 150

Install Instructionscdn shopify s files 1 2493 2184 56 Instructions v 1661288931 |||

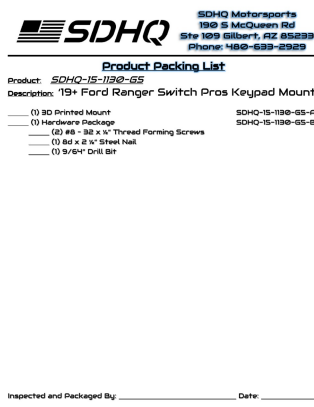
Latest Revision: 07/13/2022 Product Packing List Product: SDHQ-56-1131-150

Description: 2014 Lexus GX460 Switch Pros 9100 Overhead Keypad Mount 1 SDHQ

GX460 Switch Pros 9100 OH Keypad Mount SDHQ-56-1131-150 1 Hardware

Package SDHQ-56-1131-150-HP 4 #10- 24 x 3/4 S.S. Button Head Bolts ...

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Colton 19 23 Ford Ranger SDHQ Built Switch Pros SP 9100 Keypad Mount15 1130 G5 Install

Instructionscdn shopify s files 1 2493 2184 15 Instructions v 1587488141 |||

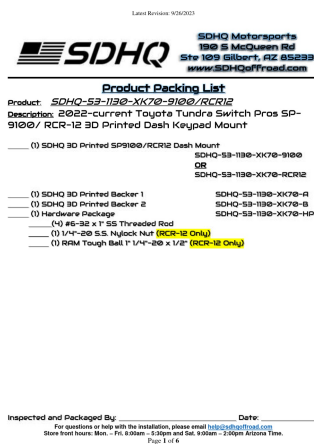
Latest Revision: 4/20/2020 Product Packing List Product: SDHQ-15-1130-G5

Description: 19 Ford Ranger Switch Pros Keypad Mount 1 3D Printed Mount 1

Hardware Package 2 #8 32 x Thread Forming Screws 1 8d x 2 Steel Nail 1 9/64 Drill

Bit SDHQ-15-1130-G5-A SDHQ-15-1130-G5-B Inspected...

lang:en score:25 filesize: 1.45 M page_count: 8 document date: 2020-04-20



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Colton 22 23 Toyota Tundra SDHQ Built Switch Pros SP 9100 Keypad Mount 53 1130 XK70 RCR12

Install Instructions 1 v 1695849557 cdn shopify s files 2493 2184 |||

Latest Revision: 9/26/2023 Product Packing List Product: SDHQ-53-1130-XK70-

9100/RCR12 Description: 2022-current Toyota Tundra Switch Pros SP9100/ RCR-12

3D Printed Dash Keypad Mount 1 SDHQ 3D Printed SP9100/RCR12 Dash Mount

SDHQ-53-1130-XK70-9100 OR SDHQ-53-1130-XK70-RCR12 1 SDHQ 3D Printed

B...

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SDHQ

SDHQ Motorsports
190 S McQueen Rd
Ste 109 Gilbert, AZ 85233
www.SDHQoffroad.com

Product Packing List

Product: *SDHQ-13-1141-G12*
Description: 2009-2014 F-150/Reptor Switch Pros
Power Module Mount

(1) SDHQ Power Module Mount Plate

SDHQ-13-1141-G12

(1) SDHQ 36" Zavg Power Cable Extension

SDHQ-02-1148-36

(1) Hardware Package

SDHQ-13-1141-G12-A

(1) #8 S.S. Self Washer

Inspected and Packaged By: _____ Date: _____

For questions or help with the installation, please email info@sdhqoffroad.com
Store hours: Mon - Fri, 10am - 5:30pm and Sat, 10am - 2:00pm Arizona Time
Page 1 of 6

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Colton 09 14 Ford F 150 SDHQ Built Switch Pros Power Module Mount13 1141 G12 Install Instructions

ebca26c5 b4d6 47e2 996a f2a0535e935dcdn shopify s files 1 2493 2184 13 f2a0535e935d v 1737152857

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Latest Revision: 1/17/2025 Product Packing List Product: SDHQ-13-1141-G12

Description: 2009-2014 F- ... amage and fire hazard. Switch Pros Power Module uses Switch Pro hardware to mount. Fits Switch Pros **SP-9100** or RCR-Force-12 Power Modules. Approx. Install Time: 30 minutes not including wiring ***RE...

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SDHQ

SDHQ Motorsports
190 S McQueen Rd
Ste 109 Gilbert, AZ 85233

Product Packing List

Product: *SDHQ-53-1130-XK70-9100/RCR12*
Description: 2022+ Toyota Tundra Switch Pros SP-9100/
RCR-12 Dash Keypad Mount

(1) SDHQ 3D Printed SP9100/RCR12 Dash Mount

SDHQ-53-1130-XK70-9100
Or
SDHQ-53-1130-XK70-RCR12

(1) SDHQ 3D Printed Backer 1

SDHQ-53-1130-XK70-A

(1) SDHQ 3D Printed Backer 2

SDHQ-53-1130-XK70-B

(1) Hardware Package

SDHQ-53-1130-XK70-HP

(1) #8-32 x 1/4" S.S. Threaded Rod

(1) 1/4"-20 S.S. Nylock Nut **(RCR-12 Only)**

(1) 80lb Tough Ball 7/16"-20 x 1/2" **(RCR-12 Only)**

Inspected and Packaged By: _____ Date: _____

[pdf] Installation Guide Instructions Parts List

Colton 22 24 Toyota Tundra SDHQ Built Switch Pros RCR Force 12 Keypad Mount53 1130 XK70 9100

RCR12 Install Instructions 2cdn shopify s files 1 2493 2184 53 2 v 1672694822 |||

Latest Revision: 01/02/2023 Product Packing List Product: SDHQ-53-1130-XK70-9100/RCR12 Description: 2022 Toyota Tundra Switch Pros **SP-9100**/ RCR-12 Dash Keypad Mount 1 SDHQ 3D Printed SP9100/RCR12 Dash Mount SDHQ-53-1130-XK70-9100 Or SDHQ-53-1130-XK70-RCR12 1 SDHQ 3D Printed Backer 1 SDHQ-53...

lang:en score:24 filesize: 1.43 M page_count: 6 document date: 2023-01-02

SWITCH-PROS

8-Switch Programmable Switch Panel Power System

Read this before installing:

1. You MUST connect the L+ Blue lightning arrow wire to a significant+ accessory source for the switches to operate. The default setting for the switches is "Sparks" (not used).

2. Connect the Black ground wire directly to the Negative terminal of the battery. DO NOT connect to frame ground, metal or ground distribution track.

3. Do not connect any other power feeds to the power module's power stud.

4. Do not use the SP9100 to control a switch. Use the switch manufacturer's supplied device.

5. Do not modify the switch panel communication cable.

6. Recommended installation of Power Module in the VERTICAL position, so that water run off and does not collect on the top of the container, or base of the module. Failure to do so will compromise the integrity of the internal wiring (WPS), and affect warranty coverage.

7. Do not oil / Terminal Block IS NOT RECOMMENDED as wires are left exposed and susceptible to water and corrosion.

Checks:

The SP9100 Switch Panel Power System is a solid state switching system that is fully programmable and features Apple and Android Bluetooth connectivity and RGB backlighting.

The switch panel has 8 switches and one programming switch, A, and led indicators when the switch panel is in programming mode and a blue led indicates when a Bluetooth connection is present.

The power module has 1 output, switches 1-4 are rated at 25A, and switches 5-8 are rated at 35A.

The power module also has 1 input, one system wire, one light source that can also be configured as an external trigger input (Trigger 1), and one dedicated external trigger input (Trigger 2).

The Trigger 1 and Trigger 2 inputs can be configured to sense either high or active low inputs. Both trigger inputs can switch output for outputs. The power module has 1 led indicator to display the status of each input.

The switch panel has an idle mode and a sleep mode. The idle mode will start after 1 minute of inactivity with a current draw of 1.5mA. The sleep mode will start after 1 hour of inactivity which is adjustable in the App with a current draw of 1.0mA. If switch panel backlighting is on, the system WILL NOT enter sleep or idle mode.

The idle mode will activate when all switches are off, no Bluetooth connection, no lightbulb, light, or trigger inputs. In idle mode, the system will still respond to all inputs (including switches and Bluetooth).

The sleep mode will activate when all switches are off, no Bluetooth connection, no lightbulb, light, or trigger inputs. In sleep mode Bluetooth is disabled, but other inputs (except light input), including switches will wake up the system.

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[pdf] User Manual Warranty Accessories

Provided by ManualsAndMore Download User Manual Switch Pros SP9100 Installation SwitchPros manualsandmore |||

SP9100 8-Switch Programmable Switch Panel Power System Read this before installing 1. You MUST conn ... for example, can be used for fan setting controls or suspension setting controls. Programming Your **SP-9100** Using the Bluetooth Function The Switch-Pro App will interface with Apple devices and Andro...

lang:en score:23 filesize: 1.82 M page_count: 14 document date: 2019-07-24

Dirty Teeth Racing

Plug-and-Play Remote Starter
Installation Instructions

2024+ Model Ranger 1500 XD

[pdf] Installation Guide Instructions

sales@smokinburner Switch Pros® SP 9100 Panel Power System UTV StereoRanger 1500 install instructionscdn shopify s files 1 1829 6039 Ranger instructions v 1754338252 |||

Dirty Teeth Racing Plug-and-Play Remote Starter Installation Instructions 2024 Model Ranger 1500 XD Tools required for installation: Wrench or socket battery connection Cutters cutting wire ties Push pin pliers push pin clips Quick install overview: 1. Remove center dash piece, place brain ...

lang:en score:22 filesize: 833.04 K page_count: 13 document date: 2024-03-18

SWITCH-PROS

SP9100 8-Switch Programmable Switch Panel Power System

Read before installing!

Failure to follow installation instructions may affect warranty coverage

1. Two WIRE connect the Lt. Blue Ignition sense wire to an ignition or accessory source for the switches to operate. The correct wiring for 4-cylinder is "Ignition" and 6-cylinder is "Ignition".

2. Connect the black ground wire directly to the Negative terminal of the battery. DO NOT connect to frame ground studs or ground distribution studs.

3. Do not connect any other power back to the power module's power stud.

4. Do not use the SP9100 as a circuit breaker. For the correct manufacturer's supplied device.

5. Do not modify the switch panel communication cable.

6. Recommended installation of Power Module in the VERTICAL position, so that water runs off and does not collect on the top of the enclosure, or back of the module. Proper mounting will allow water to collect on the connector and allow for some moisture and/or condensation.

7. The use of a Terminal Block (B NOT RECOMMENDED) on wires are left exposed and susceptible to water and corrosion.

Overview

The SP9100 Switch Panel Power System is a solid state monitoring system that is fully programmable and features Apple and Android Bluetooth accessibility and RGB backlighting.

The switch panel has 8 switches and one programming switch. A red led indicates when the switch panel is in programming mode and a blue led indicates when a Bluetooth connection is present.

The power module has 8 inputs, switches 1-4 are rated at 20A, and switches 5-8 are rated at 15A.

The power module has two inputs, one Ignition sense and one Light sense that can also be configured as an external trigger input (Trigger 2), and one dedicated external trigger input (Trigger 1).

The Trigger 1 and Trigger 2 inputs can be configured to monitor a high or active low input. Both trigger inputs can switch on up to 4 outputs. The power module has 3 led indicators to display the status of each input.

The switch panel has an idle mode and a sleep mode. The idle mode will start after 1 minute of inactivity with a current draw of 5mA. The sleep mode will start after 1 hour of inactivity which is adjustable in the App with a current draw of 1mA. If switch panel backlighting is on, the system WILL NOT enter sleep or idle mode.

The idle mode will activate when all vehicles are off, no Bluetooth connection, no Ignition, Light, or trigger inputs. In idle mode, the system will only respond to all inputs including switches and Bluetooth.

The sleep mode will activate when all vehicles are off, no Bluetooth connection, no Ignition, Light, or trigger input is sensed. In sleep mode Bluetooth is disabled, but all other inputs except Bluetooth, including switches will wake up the system.

[pdf] Installation Guide Instructions Guide Warranty Accessories

Untitled Robert Muerter Installation Guide HereSP9100 Switch Panel Power SystemSP9100 System

Install Guidedcdn shopify s files 1 0790 9773 SP9100 v 1712149868 HereInstallation GuideSP9100

1712149868cdn InstructionsSP9100 SystemSwitch Pros Jagged X OffroadSP9100 Rev1 2 Directionscdn

1712149868jaggedxoffroad 2024 02 Directions ||| ||| SP9100 8-Switch Programmable Switch Panel Power

System Read before installing Failure to follow installation instructions may affect warranty coverage 1.

You MUST connect the Lt. Blue Ignition sense wire to an ignition or accessory source f

SP9100 8-Switch Programmable Switch Panel Power System Read before installing

Failure to follow ins ... for example, can be used for fan setting controls or suspension

setting controls. Programming Your **SP-9100** Using the Bluetooth Function The

Switch-Pro App will interface with Apple devices and Androi...

lang:en score:21 filesize: 1.33 M page_count: 14 document date: 2022-06-29

SDHQ

SDHQ Motorsports

190 S McQueen Rd

Ste 100 Gilbert, AZ 85233

Phone: 480-633-9399

Product Packing List

Product: SDHQ-70-1132/1133-G3 X

Description: 15-20 GM Silverado/Sierra 1500/2500/3500

Switch Pros 9100 Overhead Console Mount

(1) SDHQ Laser Cut GM Factory Panel

o 2015-17 1500/2500/3500

o 2018-19 1500, 2018-20 2500/3500

(1) 3D Printed Switch Pros 9100 Bezel

(1) SDHQ Laser Cut X Acrylic Backer

70-1132-G3 X

70-1133-G3 X

00-1130-9100

70-1132-G3-S

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[pdf] Installation Guide Instructions

Colton 18 19 Chevy GMC 2500 3500 SDHQ Built SP 9100 Overhead Keypad Mount70 1132 1133 G3 x

Install Instructionscdn shopify s files 1 2493 2184 70 Instructions v 1623171242 |||

Latest Revision: 4/14/2021 Product Packing List Product: SDHQ-70-1132/1133-G3.X

Description: 15-20 GM Silverado/Sierra 1500/2500/3500 Switch Pros 9100 Overhead

Console Mount 1 SDHQ Laser Cut GM Factory Panel o 2015-17 1500/2500/3500 o

2018-19 1500, 2018-20 2500/3500 1 3D Printed Switch Pros 91...

lang:en score:21 filesize: 1.14 M page_count: 6 document date: 2021-04-15

Dirty Teeth Racing

POWER DOOR LOCK

Installation Instructions

2024 – 2025 Ranger 1500XD

All Models

[pdf] User Manual Installation Guide Instructions

Jon Moredock Switch Pros® SP 9100 Panel Power System UTV Stereo1500XD power door lock install

manualcdn shopify s files 1 1829 6039 1500XD manual v 1754338353 |||

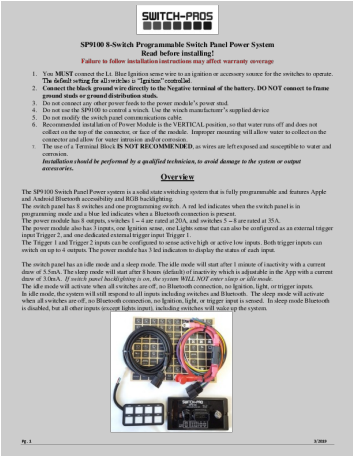
Dirty Teeth Racing POWER DOOR LOCK Installation Instructions 2024 2025 Ranger

1500XD All Models Installation Overview 1. Vehicle disassembly a. Remove the front

exterior door panels b. Remove the rear exterior door panels 2. Route wires from

harness to each door 3. Run wires into each door 4. Acc...

lang:en score:18 filesize: 1.45 M page_count: 19 document date: 2024-12-20



[pdf] Installation Guide Instructions Warranty Accessories

Untitled Robert Muertter Switch Pros Installation GuideSwitch SP 9100 Panel Power SystemSP9100

Rev1 2 Directionscdn shopify s files 1 0113 7285 5353 SP9100 Directions v 1604445517 |||

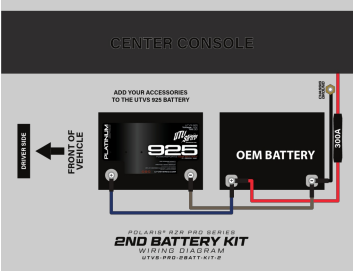
SP9100 8-Switch Programmable Switch Panel Power System Read before installing

Failure to follow ins ... for example, can be used for fan setting controls or suspension

setting controls. Programming Your **SP-9100** Using the Bluetooth Function The

Switch-Pro App will interface with Apple devices and Androi...

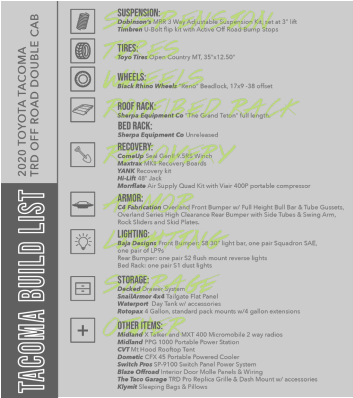
lang:en score:18 filesize: 1.32 M page_count: 14 document date: 2019-04-18



Polaris RZR Pro Series 2nd Battery Kit Wiring Diagram | UTV Stereo

View the official wiring diagram for the UTV Stereo 2nd Battery Kit (UTVS-PRO-2BATT-KIT-2) for Polaris RZR Pro Series vehicles. Learn how to connect an auxiliary battery for enhanced power.

lang:en score:11 filesize: 948.09 K page_count: 1 document date: 2025-08-13



[pdf] Accessories

Tacoma Build List build sheet list Overland Truck Builders Anthony s Auto Craft Their finished trucks have

been featured at SEMA and are both stunning to look extremely capable off road They even offer a v

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2020 TOYOTA TACOMA TRD OFF ROAD DOUBLE CAB s u s p e n s i o n

suspension: Dobinson s MRR 3 Way Adj ... Portable Power Station CVT Mt Hood

Rooftop Tent Dometic CFX 45 Portable Powered Cooler Switch Pros **SP-9100** Switch

Panel Power System Blaze Offroad Interior Door Molle Panels Wiring The Taco

Garage ...

lang:en score:10 filesize: 563.56 K page_count: 1 document date: 2021-10-12