



SW-RS6-10

6 OUTPUT
ELECTRONIC ACCESSORIES
SMART SWITCHER
(10 FT. POWER CABLE)

SSV WORKS, 4610 Calle Quetzal, Camarillo, CA 93012
www.SSVworks.com | Phone: 818-991-1778 | Fax: 866-293-6751

WARRANTY INFORMATION:

All SWITCH Works Electronics are covered by a limited 1 year warranty against defects in material or workmanship. Contact SSV Works for further warranty information.



Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.



Input Voltage: 12 Volts
Maximum Power: 30A x 2 Outputs
25A x 4 Outputs





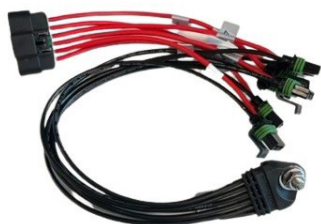
SWITCH Works Sierra 6 Switcher Module



2-Button Controller x3



Switch Works Icon Insert Tree Set x2



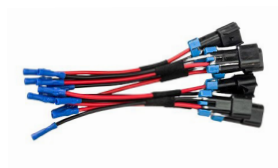
Power/Ground Block Harness
[B-H3137]



Sierra 6 Power and Switch
Harness [B-H3013]



4 AWG Power and Ground Cable Set,
10 ft. [B-H2880]



High Current Pigtails (x6)
[B-H2992]



Pulse Connector Pigtail
[B-H1752]



Fuse holder with 100A mini ANL fuse
and Zip ties [B-FH4]



Power Input Harness
[B-H3413]



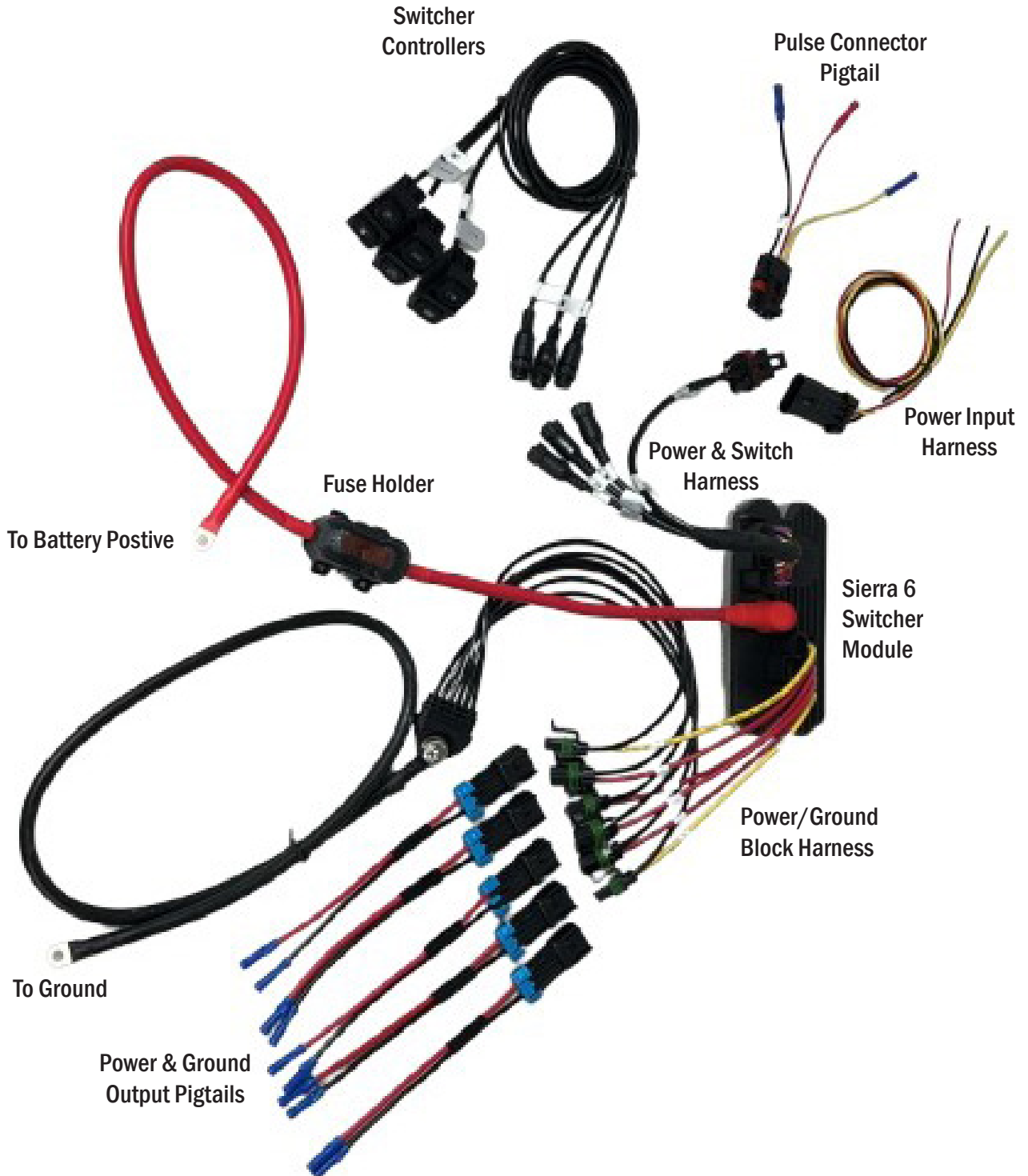
M8 Flange Bolt & SS Split Washer
(B-S3287 & B-W3176)



Machine Screw, #14x0.75" (x2)
[B-S2122]

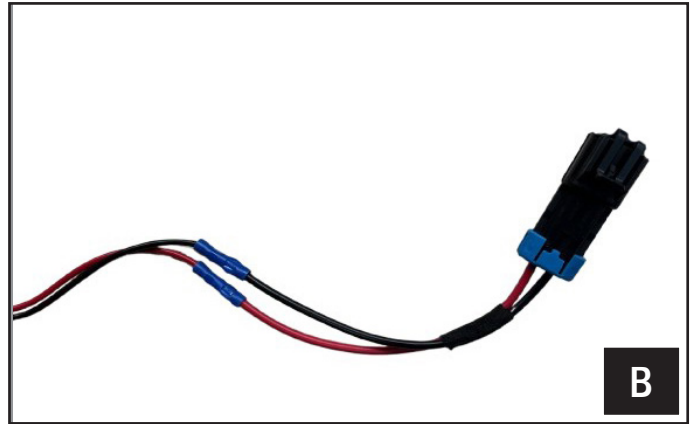


Terminal Boot
[B-H3569]

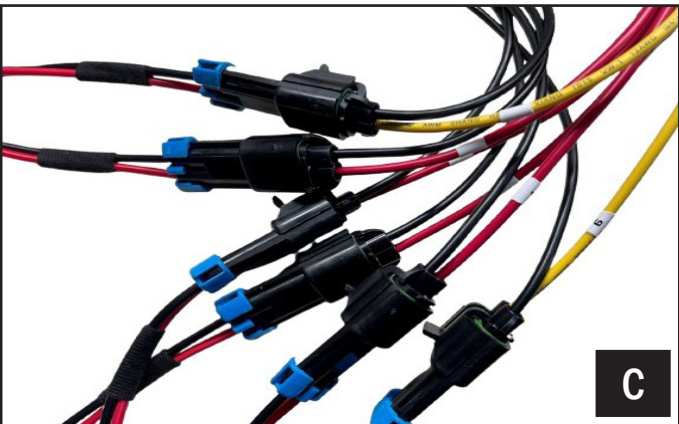




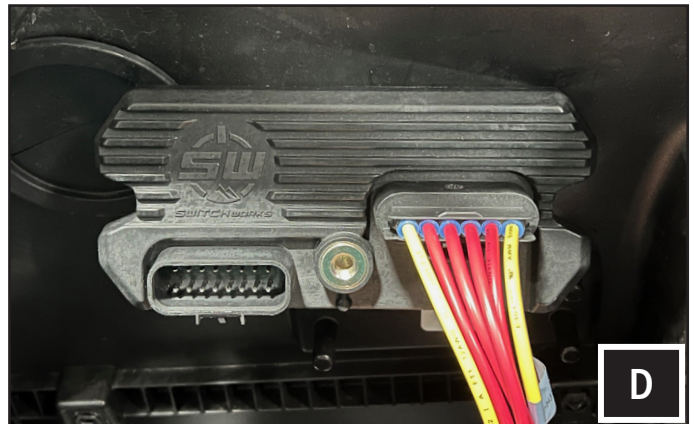
A. Mount the RS6 Switcher module on the firewall or a panel in the vehicle where it can be accessible to plug in harnesses.



B. Layout the accessories/devices that will be installed and crimp their power and ground wires to the provided power pigtails (B-H2992).



C. Route the pigtails connected to the device power and ground wires to the RS6 switcher module location. Yellow wires are rated at 30A each and Red wires are rated at 25A each.



D. Plug in the Output harness (B-H3137) to the 6-pin connector on the RS6 switcher module.



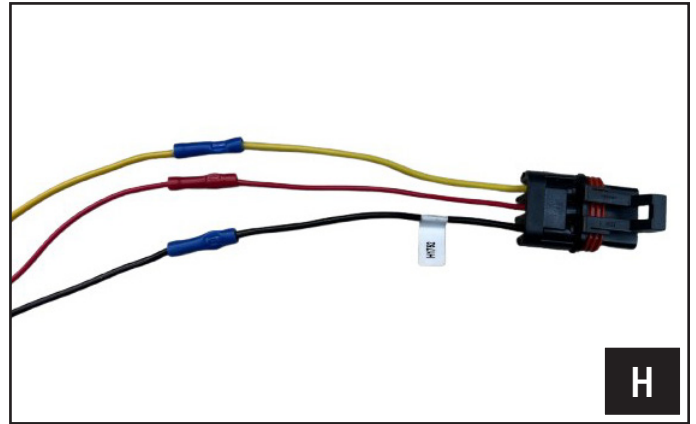
E. Select the icon inserts and press in the icon insert into the silicone push button membrane. Note that button one is on top when reading the SWITCHWORKS logo on the controller. This is important when programming for settings.



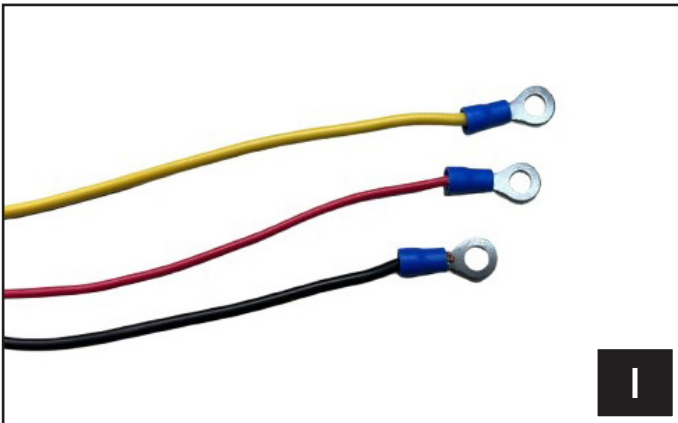
F. Route the cable and Insert the RS6 Switcher Controllers into empty rocker switch openings on the dashboard.



G. Plug in the RS6 Switcher controllers to the matching connectors on the Power and Switch harness (B-H3013).



H. If the vehicle is equipped with a Pulse busbar, crimp the provided Pulse connector pigtail to the Power Input Harness (B-H3413), otherwise skip to the next step.



I. If the vehicle does not have the Pulse busbar, crimp the provided ring terminals to the Power Input Harness (B-H3413).



J. Connect the provided ground cable to the power/ground block harness and tap the other end of the ground cable to ground. Find a location to secure the ground block harness.



K. Plug in the Power and Switch harness to the 16-pin connector on the RS6 switcher module.



L. Slide the rubber boot onto the provided 4 gauge power wire.



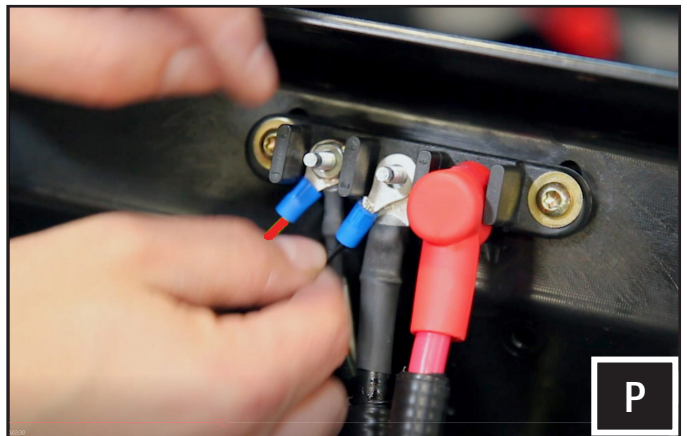
M. Connect the main power cable to the RS6 Switcher module using the provided M8 bolt and split washer.



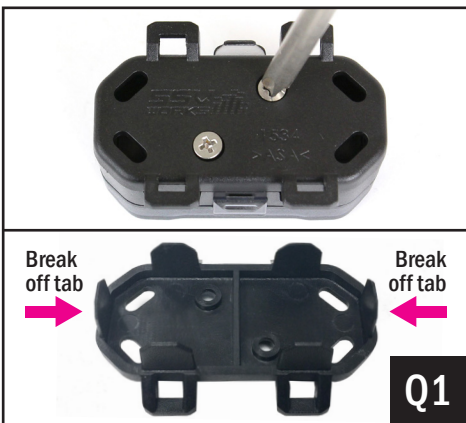
N. Slide on the rubber terminal boot (B-H3569) to the terminal post to protect from shorts.



O. For vehicles with the Pulse busbar, plug in the Pulse Connector Pigtail (B-H1752) to the busbar.



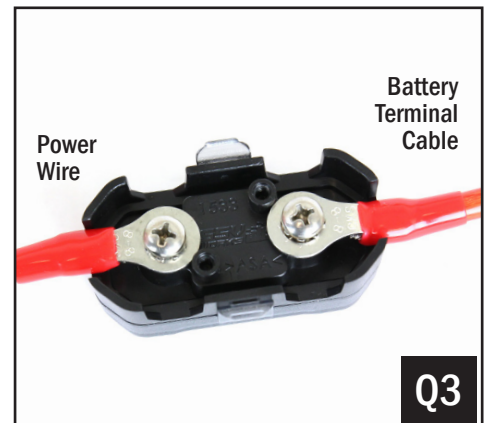
P. For vehicles with the terminal post busbar, connect the ring terminals crimped on step I to the busbar.



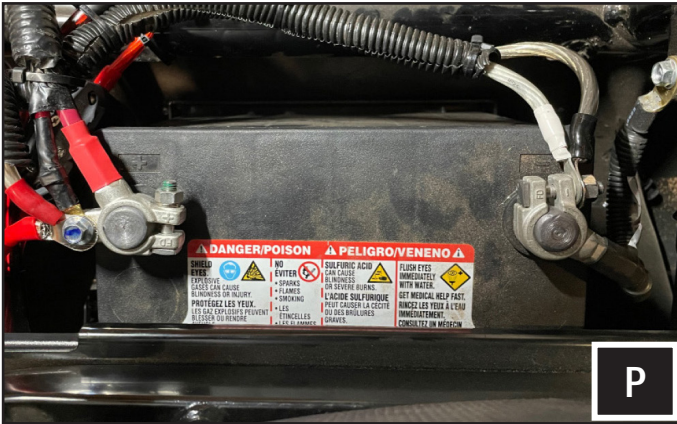
Q1. Remove the bottom cover of the fuse holder by extracting the 2 screws. Break off the right and left side tabs on the bottom cover.



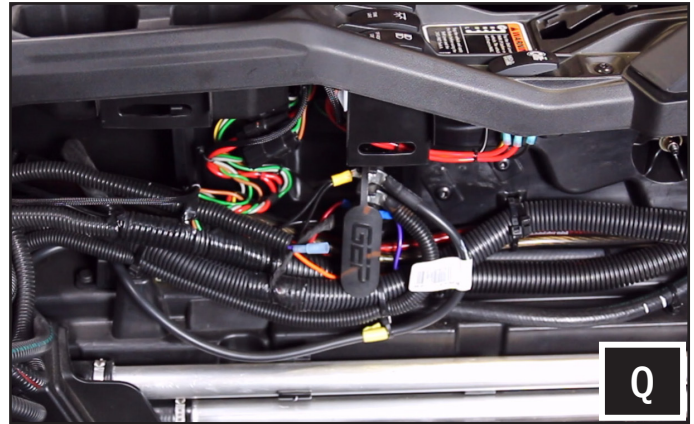
Q2. Extract both fuse holder screws and fasten the fuse.



Q3. Attach both the Power Wire and Battery Terminal Cable to the fuse holder. Reattach the bottom cover.



P. Connect the power and ground wires to the battery.



Q. Zip tie all of the electrical cabling (factory and audio) along the center column away from the drive shaft.

PROGRAMMING

SWITCH Works 2-Button Contoller

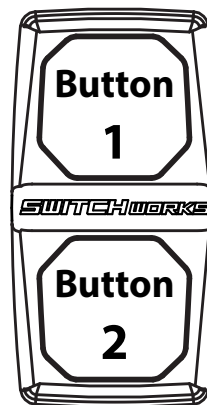
The SWITCH Works Sierra6 2-Button Controller features user programmable buttons on each controller to control electrical devices. Outputs can be set to *LATCH*, *STROBE*, *MOMENTARY*, *LATCH/HOLD TO STROBE* and *FLASH*. Each Output can then be set to trigger on *BATTERY* or *ACCESSORY* power. 9 LED backlight colors to choose from to match the dash lights or create a unique color for each button.



Controller 1



Controller 2



Controller 3

NOTE:

Button 1 is on top when reading the SWITCHWORKS logo on the controller. This is important when programming for settings.

ICON INSERTS

The SWITCH Works Sierra6 Electronic Switcher kit includes 40 interchangeable icon inserts for different electrical devices. Simply cut off the icon insert from the icon tree and insert it into the silicone push button membrane. The icon inserts are designed for backlighting for better visibility.



SWITCH Works 2-Button Controller Settings

SWITCH Works 2-Button Controller Settings

Follow the steps below to program the Output Settings, Trigger Settings and Backlight Color Settings.

Note that you can use any of the controllers to go into programming mode.

Output Settings

Turn on ACC power and within 3 seconds, press and hold button 1 for 3 seconds. Buttons on all 3 controllers will flash green 3 times. You are now in programming mode.

Button Color	Setting
Purple	Flash
Blue	Strobe
White	Latch/Hold to Strobe
Green	Latch
Yellow	Momentary

Assign the Output Setting to each controller button. Quick press buttons 1 and 2 on any of the controllers at the same time to save the setting. Cycle ACC Off/On to lock in the settings.

NOTE: Programming mode will time out and buttons will flash red if no button is pressed within 8 seconds.



PROGRAMMING

Trigger Settings

Turn on ACC power and within 3 seconds, press and hold button 2 for 3 seconds. Buttons on all 3 controllers will flash green 3 times. You are now in programming mode.

Button Color	Setting
Blue	Battery Power
Yellow	Accessory Power

Assign the Trigger Setting to each controller button. Quick press buttons 1 and 2 on any of the controllers at the same time to save the setting. Cycle ACC Off/On to lock in the settings.

NOTE: Programming mode will time out and buttons will flash red if no button is pressed within 8 seconds.

Backlight Color Settings

Turn on ACC power and within 3 seconds, press and hold buttons 1 & 2 at the same time for 3 seconds. Buttons on all 3 controllers will flash green 3 times. You are now in programming mode.

Available colors are:

White, Red, Amber, Blue, Orange, Magenta, Yellow, Green and Cyan

Assign the color to each controller button. Quick press buttons 1 and 2 on any of the controllers at the same time to save the setting. Cycle ACC Off/On to lock in the settings.

NOTE: Programming mode will time out and buttons will flash red if no button is pressed within 8 seconds.



THANK YOU



SWITCH Works is a product by SSV Works. We are committed to your satisfaction and we know you will enjoy our products. If you have questions or need any assistance, please let us know.

 [SSVWORKS.COM](https://ssvworks.com)
 1-818-991-1778 EXT 2
 SUPPORT@SSVWORKS.COM

Returns must be made within 30 days of purchase date. Claims for missing items or items damaged in transit must be received within five business days of receipt of merchandise. All returns must be in original packaging and in re-sellable condition. Shipping fees are not refundable.