



SDHQ Offroad Racing
1720 W Elliot Rd
Gilbert, AZ 85233

Phone: 480-633-2929 | Fax: 480-633-1791

Product Packing List

Product: SDHQ-55-1140-G3

Description: 2005+ Tacoma Switch Pros Power Module Mount

- | | | |
|-------|--|-------------------|
| _____ | (1) SDHQ Power Module Mount | SDHQ-55-1140-G3-A |
| _____ | (1) Hardware Package | SDHQ-55-1140-G3-B |
| _____ | (3) Push In Zip Ties | |
| _____ | (2) 3/4" OD 5/16" ID 3/8" Tall Black Plastic Spacers | |
| _____ | (2) M8 - 1.25 x 30mm S.S. Button Head Bolts | |
| _____ | (2) 5/16" S.S. Washers | |
| _____ | (2) #8 - 32 x 1/2" S.S. Button Head Bolts | |
| _____ | (2) .304 x .169 x .032 Small Diameter Washers | |
| _____ | (1) 10 - 24 S.S. Lock Nut | |
| _____ | (1) 10 - 24 x 7/8" S.S. Button Head Bolt | |
| _____ | (1) 3/16" x 3/4" Fender Washer | |
| _____ | (2) 1/2" Loom Clamp | |

Inspected, Packaged and Shipped By: _____ Date: _____



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INSTALLATION INSTRUCTIONS

Product: *SDHQ-55-1140-G3*

Description: 2005+ Tacoma Switch Pros Power Module Mount



Parts List	Hardware List	Required Tools
Standard Mounting Kit: (1) SDHQ Power Module Mount SDHQ-55-1140-G3-A (1) Hardware Package SDHQ-55-1140-G3-B Optional Relay Pack Upgrade*: (1) Sealed Relay Module Package SDHQ-02-1141-U1	(3) Push In Zip Ties (2) 3/4" OD 5/16" ID 3/8" Tall Black Plastic Spacer (2) M8-1.25x30mm S.S. Button Head Bolts (2) 5/16" S.S. Washers (2) #8-32 x 1/2" S.S. Button Head Bolts (2) .304 x .169 x .032 Small Diameter Washers (1) #10-24 S.S. Lock Nut (1) #10-24x7/8" S.S. Button Head Bolt (1) 3/16" x 3/4" Fender Washer (2) 1/2" Loom Clamps	10mm Socket and Ratchet 1/8" Hex Bit 3/32" Hex Bit Open Barrel Crimping Tool Wire Strippers 3/8" Deep Socket

Tech Notes

Use anti-seize on stainless steel hardware (pressed-in nuts come coated in a thread locking compound that does not require anti-seize).

Make sure terminal crimps are tight to avoid damage and fire hazard.

Does **NOT** fit with aftermarket hood struts.

*Optional Relay pack Upgrade is purchased separately.

**** Approx install time = 30 Minutes (not including wiring)****

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



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

Installation Instructions:

1. Pre-Install. Place the Switch Pro Panel on top of the Mounting Plate. Place the #8-32 x 1/2" S.S. bolts through the small diameter washers, the Switch Pro Power Module, and thread into the flush mount nuts in the Mounting Plate. Torque to 18 in-lbs. If the Relay Pack Upgrade was not purchased, proceed to step 4.

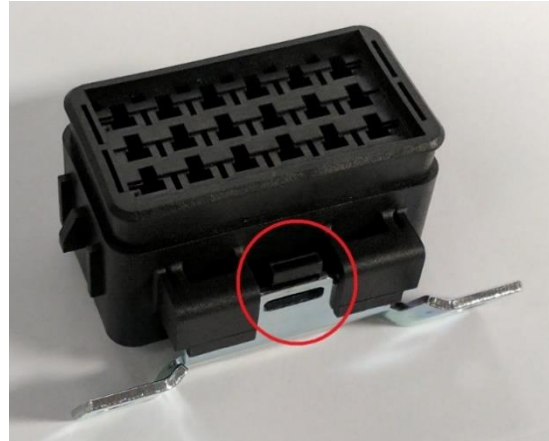
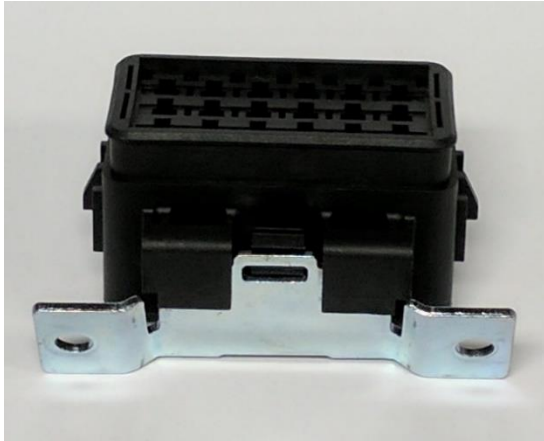
2. Mounting Optional Relay Pack Upgrade. The Relay Pack Metal Bracket needs to be installed. Place

the Relay Pack Metal Bracket onto the Mounting Plate. Place (2) #10-32 S.S. washers onto (2) #10-32 x 1/2" bolts. Insert those bolts through the Relay Pack Metal Bracket and Mounting Plate. Place one more #10-32 S.S. washer onto each bolt and tighten each bolt with the #10-32 S.S. ny-lock nuts. Pictured below, the Relay Pack Base was already installed. The Relay Pack Base can be installed once wired on the truck.



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3. Connect the Relay Pack Base to the Metal Bracket. It will snap into place on the Metal Bracket. To remove the Relay Pack Base, use a small screw driver to carefully release the tab circled below.



4. **Power Module Mount Install.** Before installing the Power Module Mount, a couple of harness wires need to be moved. Locate the harness with two separate runs of wire coming from the main harness as shown to the right. Cut and remove the zip tie circled in red, exposing the oval shaped hole in the wheel well.



5. Place one 1/2" loom clamp on each run of wire pictured below. Place the 3/16" x 3/4" Fender washer over the #10-24 x 7/8" S.S. Button Head Bolt. In the wheel well, locate the hole from the zip tie that was removed in Step 4. Place the S.S. Bolt and washer through that hole. Align the loom clamps over the bolt and use the #10-24 lock nut to secure the wires out of the way of the Power Module Mount.



6. Place the M8-1.25 x 30 mm bolts and 5/16" S.S. washers through the slots in the Mounting Plate. The spacers will go on the backside of the Mounting Plate between the plate and the truck panel.
7. In the engine bay, locate two threaded holes on the driver side of the bay by the firewall. Bolt in the Mounting Plate to those threaded holes.



8. **Manual Transmission.** If you have a M/T, the reservoir will be mounted on top of the Power Module Mount as pictured below. The reservoir hose will need to be straightened and zip tied to the wiring harness on the Switch Pros Power Module.



9. Relay Pack Wire Termination

Note: It is highly recommended that all wiring be performed by only qualified and experienced Technicians.

Step 1. Slide Gray Terminal Seal over desired wire to be terminated.

Step 2. Strip approximately 3/16" off the end of the wire.

Step 3. Crimp the wire into the terminal using appropriate Barrel Crimper opening.

Step 4. Crimp the Seal into the terminal using the appropriate Barrel Crimper opening.

Step 5. Snap the terminal into the back of the unit in the desired location.

Step 6. Repeat for remaining wires.

Step 7. Insert Green Cavity Seals into empty location to ensure IP68 rating.

Step 8. Snap the Blue TPA Locks over the back of the terminals to eliminate possible wire pullout.

Step 9. Insert Fuses and relays into their appropriate location (Make sure relays are not installed backwards prior to powering up!)

Step 10. Attach Relay pack onto mounting bracket and snap into place.

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

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



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