



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

Product Packing List

Product: *SDHQ-53-1660-G3*

Description: **2010-2021 Tundra Zeon Mounting Kit**

- _____ (1) Hardware Package SDHQ-53-1660-G3-A
- _____ (1) SDHQ Zeon Relocation Wiring Kit (SDHQ-02-1660-[A, F1, F2])
- _____ (1) 48" 4 Pin Plug Extension
- _____ (3) 8-2 AWG Battery Terminal Boots
- _____ (10) 8" Zip Ties
- _____ (4) ¼" Push In Zip Ties
- _____ (3) 7/8" Loom Clamps
- _____ (4) ¼" ID x ½" OD x 5/16" T Nylon Control Box Spacers
- _____ (4) M6 - 1.0 x 25mm Bolts
- _____ (4) M6 Flat Washers
- _____ (3) #14 x ¾" Tek Screws
- _____ (1) 4" Ground Extension with heat shrink
(14 awg, 5/16" ring terminal, 14-16 butt connector)

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-53-1660-G3

Description: 2010-2021 Tundra Zeon Mounting Kit

*****This kit is only needed if you are using a Warn Zeon Winch*****



<u>Parts List</u>	<u>Hardware List</u>	<u>Required Tools</u>
(1) Hardware Package SDHQ-53-1660-G3-A	(3) 20" 4AWG Cables (A,F1, F2) (1) 4 Pin Plug Extension (48") (3) Battery Terminal Boot (10) 8" Zip Ties (4) 1/4" Push In Zip Ties (3) 7/8" Loom Clamps (4) Control Box Spacers (4) M6 – 1.0 x 25mm Bolts (4) M6 Flat Washers (3) #14 x 3/4" Tek Screws (1) 4" Ground Extension with Heat Shrink	10mm socket/wrench 13mm socket/wrench 15mm socket/wrench 1/2" socket/wrench T25 Torx bit T30 Torx bit Flush cut pliers Wire crimpers

Tech Notes

- This kit is designed specifically for the Warn Zeon series winches.
- Make sure all wiring is free from abrasion and pinching.
- The Tek Screws and Loom Clamps are used in Step 15 in the Tundra Winch Mount Install Instructions.

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

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Installation Instructions:

1. Open your Zeon Winch, SDHQ Winch Mount System, and layout all parts and hardware (preferably on a clean table). Check to make sure you are not missing any parts and that there is no damage.
2. Remove the black terminal cover on the top of the winch with your T25 Torx, remove the (3) ½” nuts and washers underneath, and set aside for future use.

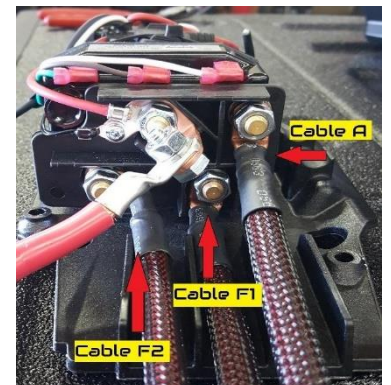
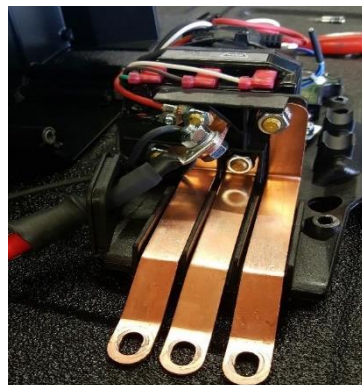


3. Next remove the 13mm bolt securing the small ground wire that goes to the control box, the 4 wire connector, and the (4) T30 Torx head screws that hold the control box to the winch. Remove control box from winch and discard screws.



4. Remove the 4 T30 Torx head screws that hold the control box cover to base plate, remove control box cover and set aside.

5. Take note that the 3 terminals on the control box solenoid are in line with the 3 terminals on the winch. The cables are labeled for the corresponding connections. Starting from the top, remove the copper strip and replace with the cable provided in the SDHQ Zeon Relocation Kit. Take note that the bent terminal goes to the control box solenoid and the straight terminal goes to the winch (the provided battery terminal boots go on the winch side). Repeat this step for the other two terminals, making sure that the cables are connected in the same order as the copper strips were.



6. Reassemble the control box, reversing step 4.

7. It may be necessary to extend the control box ground. Using the provided 4" ground extension, cut the end of the warn ground wire off near the ring terminal. Strip the cut wire back, slide the provided heat shrink over the wire, position the butt connector over the wire and crimp. Cover the butt connector with the heat shrink. Reattach the ground wires to the winch. Bolt the winch to the mount using the manufactures supplied hardware



8. Use the supplied M6 bolts, washers and spacers to attach the control box to the mount as pictured.



9. Plug in the supplied 4 pin harness extension and secure using the 4 push in zip ties that will attach to the back of the winch mount in the 4 provided holes.



10. You are now ready to install your SDHQ Winch Mount System!

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

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



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