



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

Product Packing List

Product: **SDHQ-54-1650-G5**

Description: **2014+ 4Runner Stock Bumper Winch Mount**

_____ (1) Winch Mount	SDHQ-54-1650-G5-A
_____ (2) Lower Support Brackets	SDHQ-54-1650-G5-B
_____ (1) Lower Bumper Bracket	SDHQ-54-1650-G5-C
_____ (1) Hardware Package	SDHQ-54-1650-G5-D
_____ (4) 3/8" - 16 x 1 1/4" Grade 8 Bolts	
_____ (4) 3/8" - 16 Grade 8 Lock Nuts	
_____ (8) 3/8" Grade 8 Flat Washers	
_____ (3) 1/4" - 20 x 3/4" Grade 8 Bolts	
_____ (3) 1/4" - 20 Grade 8 Lock Nuts	
_____ (3) 1/4" Grade 8 Flat Washers	
_____ (3) 1/4" ID x 1 1/4" OD Fender Washers	
_____ (2) M12 - 1.25 x 30mm Bolts	
_____ (2) M12 Flat Washers	
_____ (3) Hawse Fairlead Cut Templates	SDHQ-54-1650-G5-E

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-54-1650-G5*

Description: *2014+ 4Runner stock bumper winch mount*

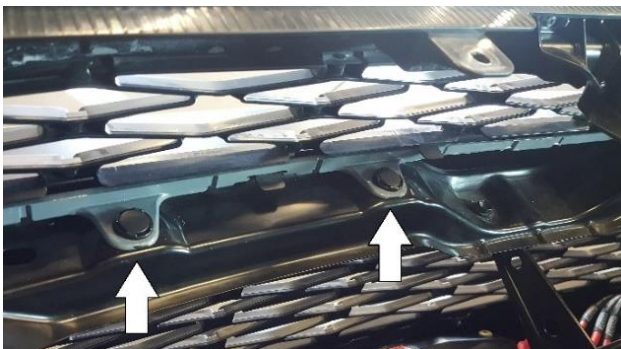
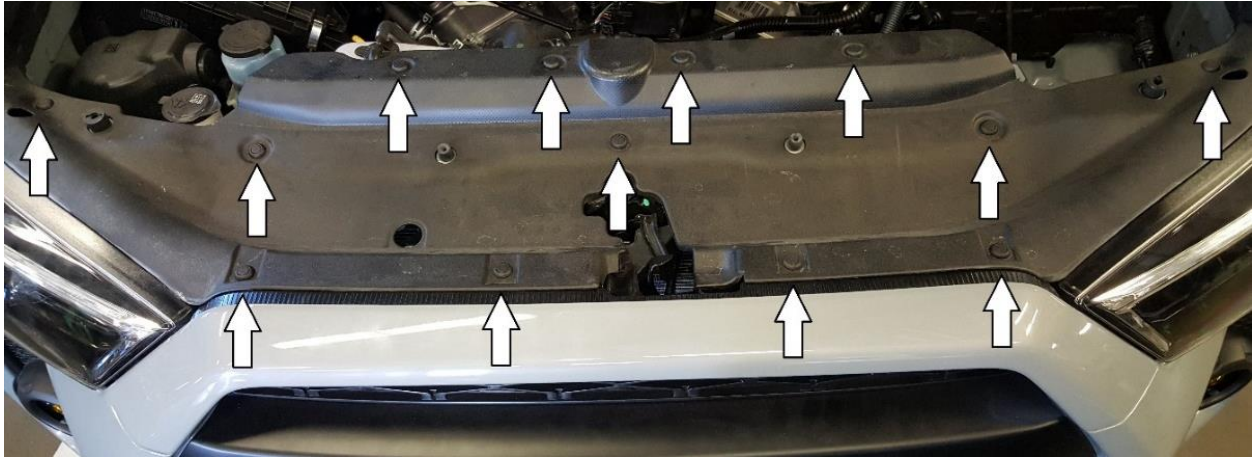


Parts List	Hardware List	Required Tools
(1) Winch Mount SDHQ-54-1650-G5-A (2) Lower Support Brackets SDHQ-54-1650-G5-B (1) Lower Bumper Bracket SDHQ-54-1650-G5-C (1) Hardware Package SDHQ-54-1650-G5-D (3) Hawse Fairlead Cut Templates SDHQ-54-1650-G5-E	(4) 3/8" - 16 x 1 1/4" Bolts (4) 3/8" - 16 Lock Nuts (8) 3/8" Flat Washers (3) 1/4" - 20 x 3/4" Bolts (3) 1/4" - 20 Lock Nuts (3) 1/4" Flat Washers (3) 1/4" x 1 1/4" Fender Washers (2) M12 - 1.25 x 30mm Bolts (2) M12 Flat Washers	7/16" socket/wrench 9/16" socket/wrench 10mm socket/wrench 13mm socket/wrench 14mm socket/wrench 17mm socket/wrench -Sufficient tools for cutting bumper plastic and sheet metal; body saw, hole saw, files etc.
Tech Notes		
Some cutting of the factory bumper is required. Includes template for Hawse cut out. Replaces factory aluminum bumper mount. This mount is precisely designed to fit the Warn Zeon Platinum with wireless control. Others may fit but have not been tested. If using a Warn Zeon, the "Zeon Mounting Kit" is required, Part# 54-1660-G5 **Approx. Install Time = 4-6 Hours**		

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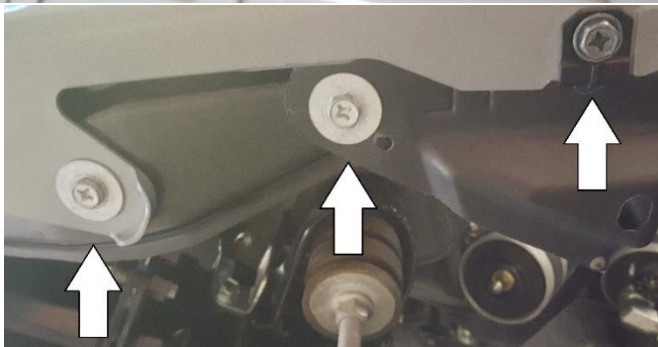
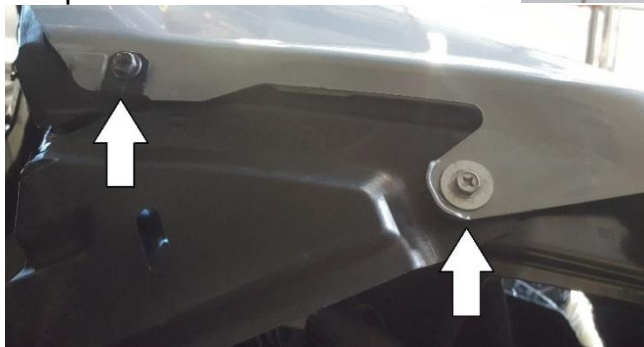
Installation Instructions:

1. Removing the factory grille and bumper. Start with the plastic cover on top, remove all of the plastic clips by pressing the center button. This will release the clip so you can pull it out. Then remove the (2) clips and (1) 10mm bolt holding the top of the grille. Finally, remove the (4) clips holding the upper section of the back of the grille on.

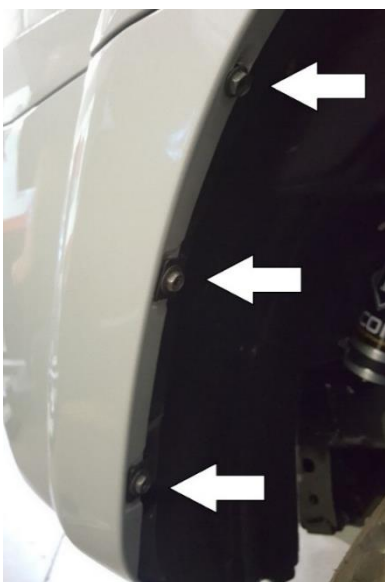
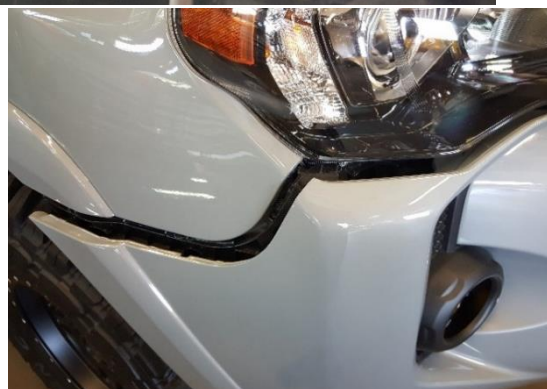


2. Removing the factory front bumper.

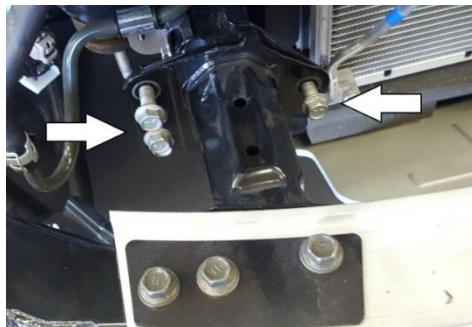
The grille and bumper are attached and will come out as an assembly. Unplug your factory fog lamps. Remove the 10mm bolts holding the front of your inner fenders to the bottom of the bumper, and the lower center section of the bottom of the bumper.



3. Next remove the (3) 10mm bolts on each side of the bumper that connect to the inner fenders. Gently pull the outer section of the bumper forward (the top may need to be pried out a bit to go over the plastic), it is clipped in under the fender and light. The entire front bumper and grill assembly should come off.



4. Unbolt the steel and aluminum sub structure from the frame by removing the (8) 14mm bolts holding it on.

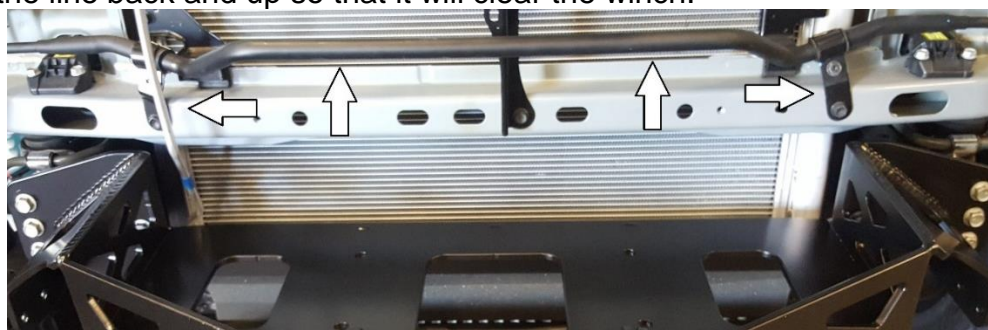


5. Trim the factory sheet metal as shown right to clear the top of the winch.

6. **Bolting up your SDHQ Winch Mount.** Bolt up your SDHQ Winch Mount to the frame using the factory bolts and center the mount to the frame. Bolt on the added side supports with the provided hardware and tighten all of the bolts.



7. The factory power steering line may have to be slightly moved back to clear the new winch. Carefully push the line back and up so that it will clear the winch.



8. Some trimming of the passenger side radiator shroud plastic may be required to mount the control box for your winch.



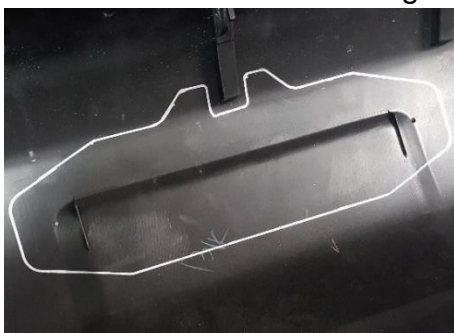
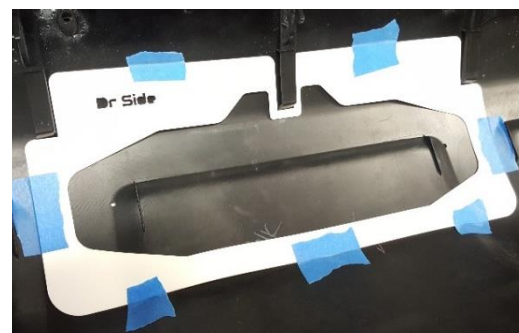
9. Mount your winch to the winch mount. Make sure to connect the motor ground and control box ground to the winch before bolting the winch down because it is difficult to reach once bolted down. Use the rear 2 winch bolts to install the Lower Bumper Bracket. This kit is specifically designed for the Warn Zeon, and Zeon Platinum Winches.

*** If using Warn Zeon, refer to the Zeon controller relocation and wiring kit instructions, PN 54-1660-G5, for wiring and mounting instructions (sold separately).**



10. Wire your winch according to the manufactures recommendations. **If you are using a Warn Zeon, refer to the Zeon controller relocation and wiring kit instructions.**

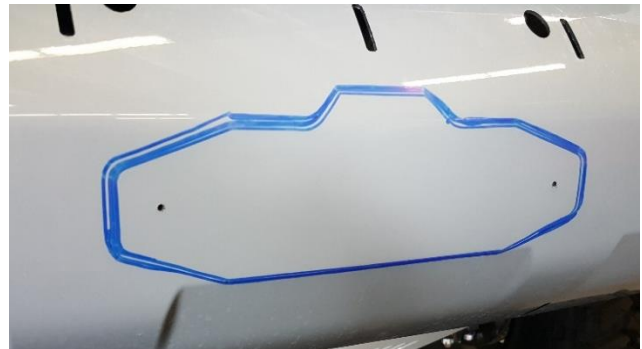
11. Cutting the factory front bumper for the Hawse. ***Note: Cutting template is only designed for the Warn Hawse. If using any other hawse, it is recommended to transfer the bolt hole locations and trace your hawse onto the plastic bumper.** Remove the outer black plastic from the factory bumper skin by unclipping it from the back (for TRD models). Use the provided template to cut for the Hawse fairlead opening by lining up the template form the inside of the bumper. Use the TRD template for all TRD models and use the SR5 template for all SR5 models. When using the SR5 template, place the hole cutouts of the template over the factory license plate molds of the bumper. A body saw is recommended for cutting the bumper plastic. Cut out for the Warn Hawse and clean all edges so they are burr free.



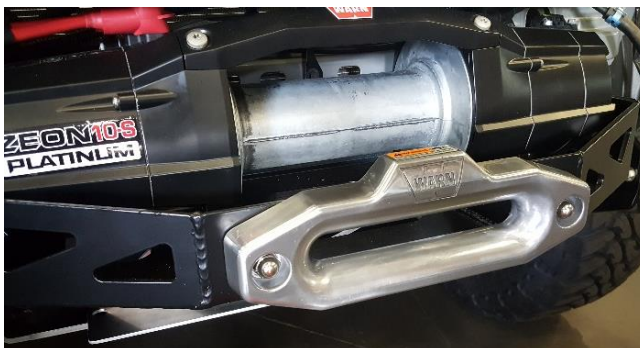
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12. If you have a SR5 model, move on to step 13. Place the outer plastic back on the bumper temporarily and use the cut opening to trace onto the bumper. Remove the outer plastic and cut the bumper to match your outline. It will help to make this opening slightly larger than your traced outline since this part of the bumper is hidden.

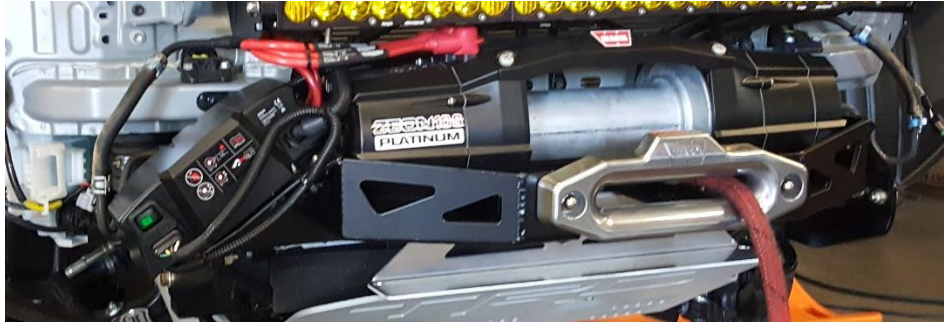


13. Install the hawse onto the winch mount and snug. Temporarily reinstall the outer factory plastic to the bumper with the factory clips. Make sure the hawse will clear the cutout plastics. Adjust the hawse to fit with the plastics correctly. Remove the plastic bumper and tighten the hawse.

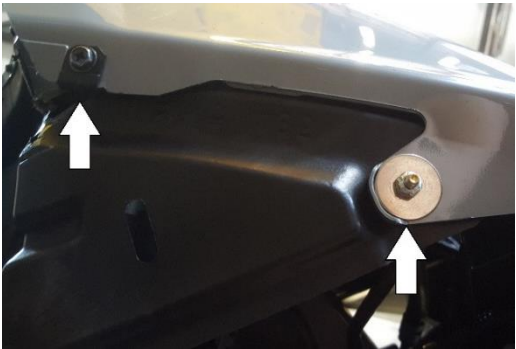


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14. Install the winch line to the winch drum per the manufacturer's instructions.



15. Make sure all of the winch mount hardware is tight. Reinstall the factory bumper skin in the reverse order of disassembly. Using the provided $\frac{1}{4}$ " bolts, washers, and lock nuts, mount the passenger side lower bumper to the factory inner fender, and bottom of the bumper to the Lower Bumper Bracket. Plug in your factory fog lights.



16. You can now power up your winch and spool your rope per the manufacturer's recommendations.



Double check all hardware is installed correctly and tight

Re-torque ALL bolts after 100 miles



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