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Rough Country 10805 Installation Instructions

Hidden Winch Front Bumper for Silverado 1500 (2019-2022)

Part number: 10805

trailfortress.com/hidden-winch-front-bumper-silverado-1500-rough-country-10805

Scan for fitment, price and install help

921080500

ROUGH COUNTRY
SUSPENSION SYSTEMS®

19-UP Chevrolet 1500 Silverado Hidden Winch Mount Bumper

THANK YOU FOR CHOOSING ROUGH COUNTRY FOR YOUR OFF ROAD NEEDS.

Rough Country recommends a certified technician install this kit. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this kit without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Check the kit hardware against the parts list. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

PRODUCT USE INFORMATION

Install winch with instructions supplied with winch. Always practice safe winching and recovery. Never overload a winch or use the winch which in any way would void your manufactures warranty.

Hardware Included:

4mm x 10mm Button Head Screw x4
6mm Flange Nuts x10
6mm x 20mm Button Head Screw & Lock Washer & Flat Washer Assembly x10
8mm Lock Washer x2
8mm Flat Washer x4
8mm Hex Nut x2
8mm x 25mm Hex Bolt x2
10mm x 30mm Button Head Screw x2
10mm Lock Nut x4
10mm Flat Washer x4
10mm x 120mm Hex Bolt x2
12mm Flag Nut x2
12mm Lock Washer x6
12mm x 37mm Flat Washer x16
12mm Lock Nut x4
12mm Hex Nut x2
12mm x 120mm Hex Bolt x4
12mm x 45mm Hex Bolt x6
Plastic Plugs for License Plate x2
Sensor Mounting Kit x1
Nylon Wire Ties x10

Kit Contents:

Winch Tray x1
D-Ring x2
License Plate Mounting Bracket x1
10' Rubber Seal
Fog Light Mounting Bracket x2
LED Light Mounting Bracket x2

Tools Needed:

Trim Remover Tool
4mm Allen Wrench
8mm Socket/Wrench
10mm Socket/Wrench
13mm Socket/Wrench
15mm Socket/Wrench
16mm Socket/Wrench
17mm Socket/Wrench
18mm Socket/Wrench



Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs

Installation Instructions

Remove the grille

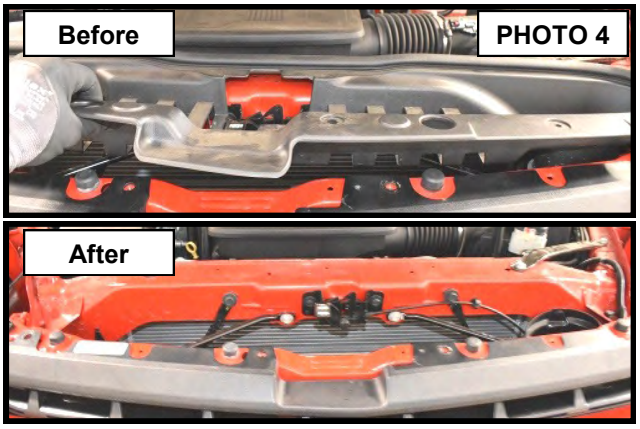
1. The first step will be removing the grille. **See Photo 1 and Steps 2 - 6.**
2. Use a star bit to remove the 2 screws that secure the hood latch. **See Photo 2.**



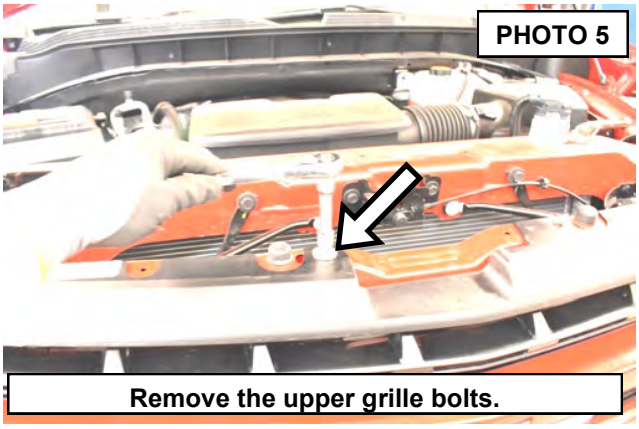


3. Remove the push pins from the upper trim with the trim remover tool. **See Photo 3**.
4. Remove the upper trim. **See Before and After in Photo 4**.



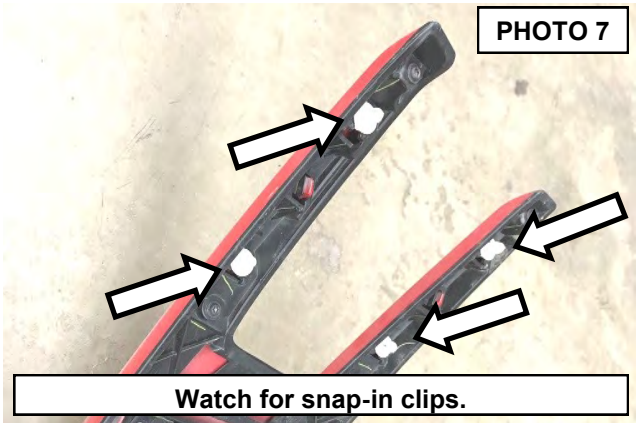


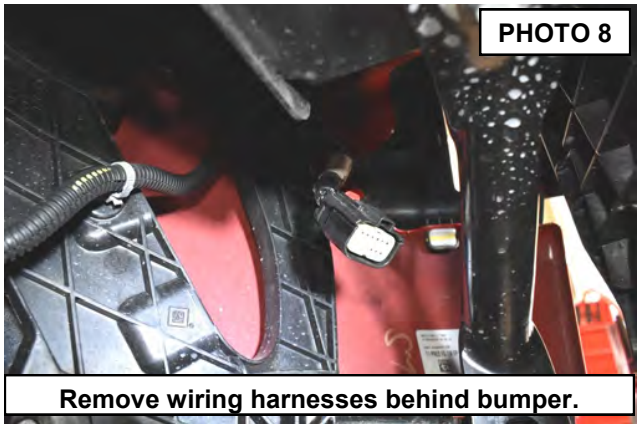
5. Remove the upper grille bolts with a 10MM socket. **See Photo 5**.
6. Remove the grille. Remove each end of the grille taking caution to not break the clips. **See Photo 6 and 7**.





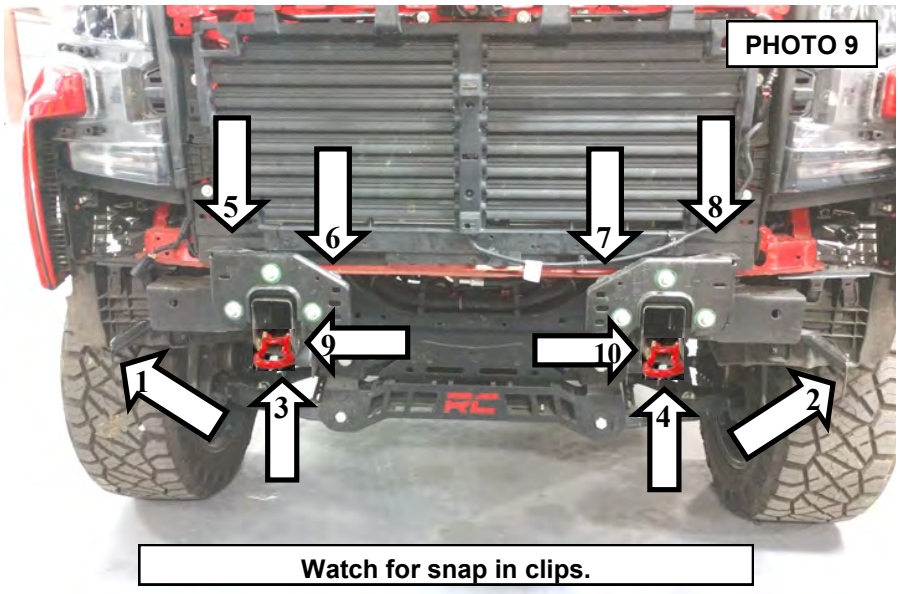
7. Before beginning to remove the bumper, unclip any wiring harnesses from behind the bumper. **See Photo 8**



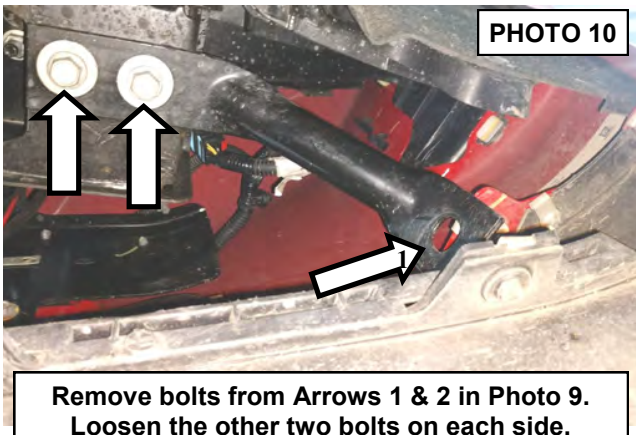


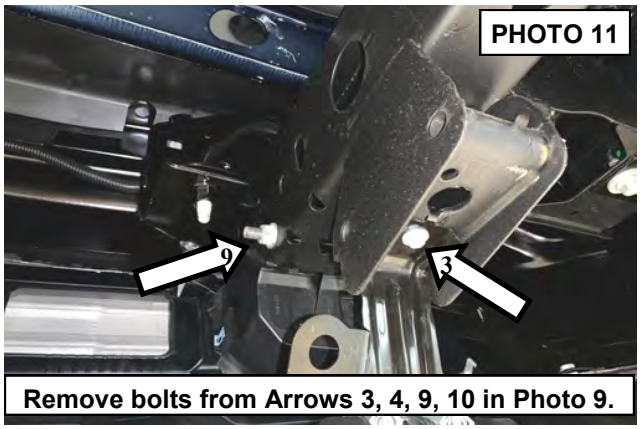
Remove the bumper

8. To remove the bumper, follow steps **9 - 11**. **See Photo 9 for the location of bolts to remove.**

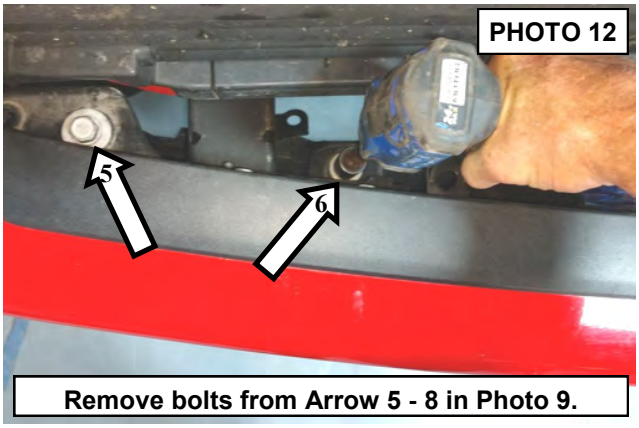


9. Remove bolts from **Arrows 1 and 2 in Photo 9** using a 15mm socket/wrench. Loosen the other two bolts on the arms on each side using a 15mm socket/wrench but do NOT remove them. **See Photo 10.**
10. Remove bolts from **Arrows 3, 4, 9 and 10 in Photo 9** using a 10mm and 18mm socket/wrench to remove the air dam brackets and toe hooks. **See Photo 11** for close up.

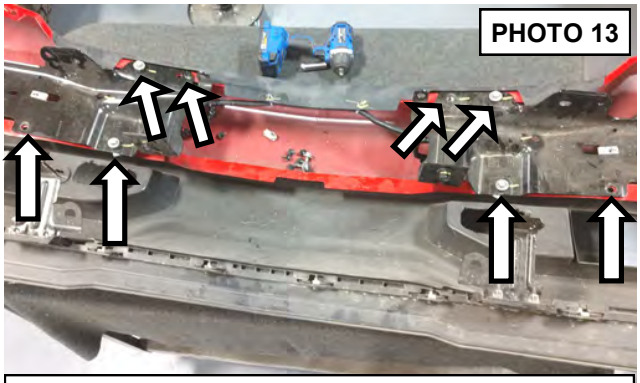




11. Remove bolts from **Arrows 5 - 8 in Photo 9** using 21mm socket**. See Photo 12** for close up. **Be sure to support the bumper before removing the bolts to ensure it does not fall. Rest bumper on a soft cloth.**
12. With the bumper off, remove the 8 bolts from mounting brackets on bumper using a 13mm socket. **See Photo 13**.

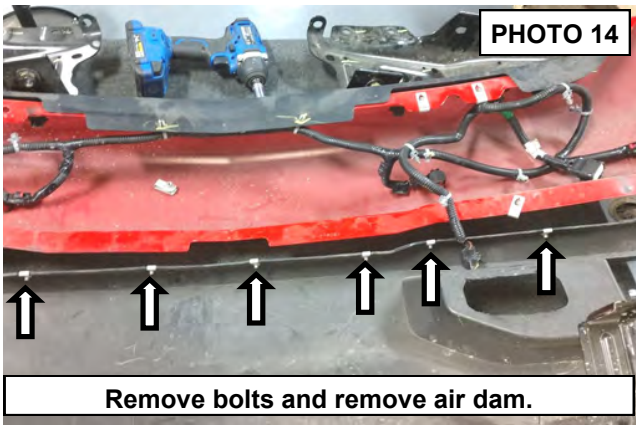


Remove bolts from Arrow 5 - 8 in Photo 9.

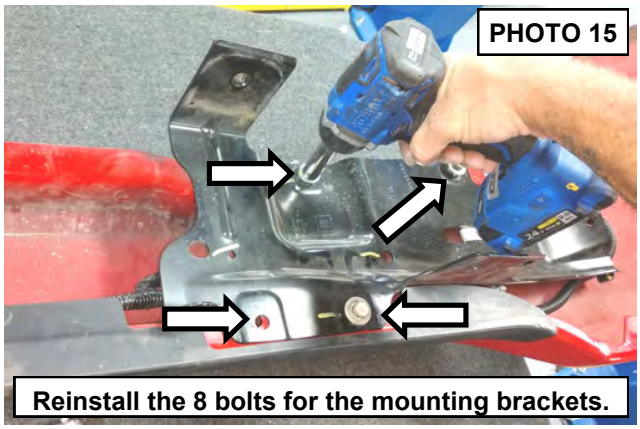


Remove the 8 bolts from the mounting brackets.

13. Remove the 20 bolts between bumper and air dam using an 8mm socket and remove the air dam. **See Photo 14**.
14. Reinstall the 8 bolts removed previously for the mounting brackets using a 13mm socket. **See Photo 15**.



Remove bolts and remove air dam.

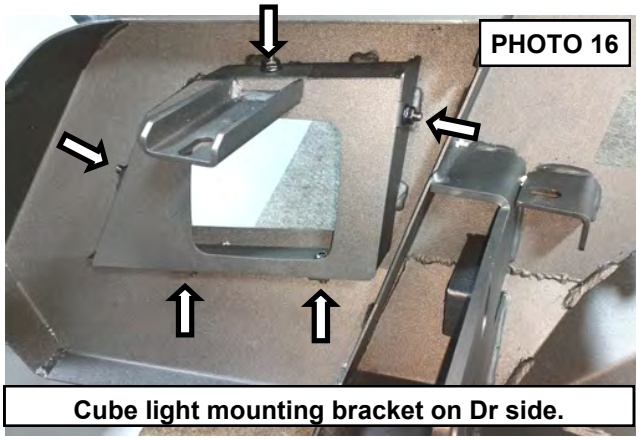


Reinstall the 8 bolts for the mounting brackets.

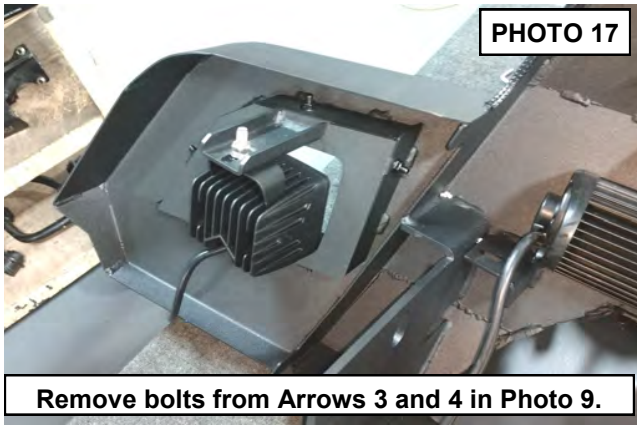
15. Reinstall bumper on the truck WITHOUT the air dam reusing the stock hardware and tighten down. It is NOT recommended to reinstall the grille at this point to allow for easier access when reinstalling the wiring.

Prepare RC bumper

16. Install the cube light mounting bracket on the driver and passenger side of the RC bumper using 6MM bolts, nuts, and washers. Tighten with a 10mm wrench and 4mm Allen wrench. **See Photo 16.**
17. Install the cube light on both sides using supplied bolts. Tighten with a 13mm socket/wrench. **See Photo 17**. Adjust the cube light to the desired angle.



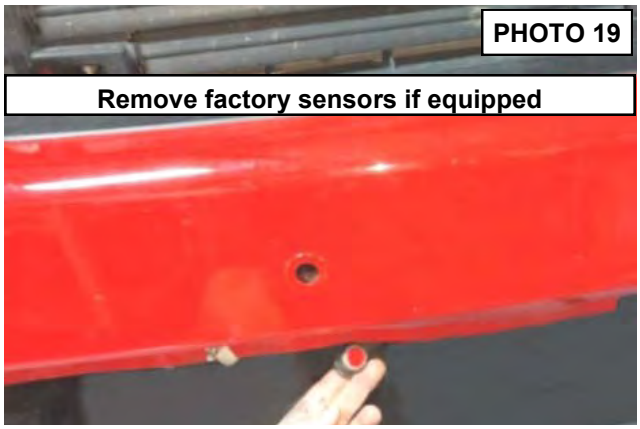
Cube light mounting bracket on Dr side.



Remove bolts from Arrows 3 and 4 in Photo 9.

18. Install the LED light bar into the bumper using the light bar mounting brackets and the bolts supplied with the light bar. Tighten bracket bolts with a 13mm socket. **See Photo 18**.
19. Install the hawse or roller fairlead using 12MM bolts, nuts, and washers or corresponding hardware included with the winch and tighten with an 18mm socket.
20. Remove the two center sensors from the factory bumper if factory equipped to be relocated to the new bumper. **See Photo 19.**





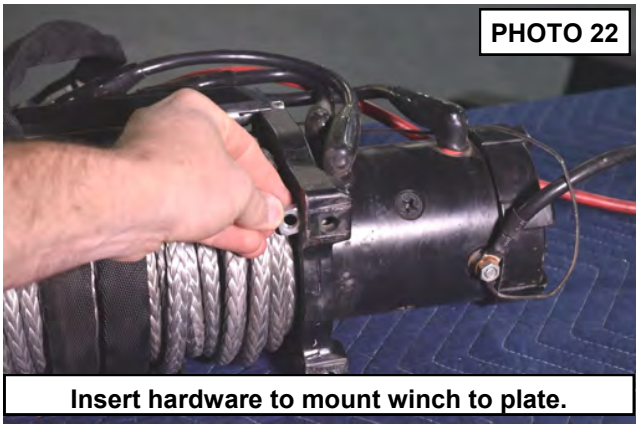
21. Apply the seal along the side edges of the bumper hoop to protect the factory bumper. **NOTE: The seal is not installed on the top**. **See Photo 20**.
22. Install the factory proximity sensors if factory equipped and plastic clips to hold them in place and attach the wiring harness to the sensor. **See Photo 21**. If not factory equipped with sensors, install supplied rubber plugs.

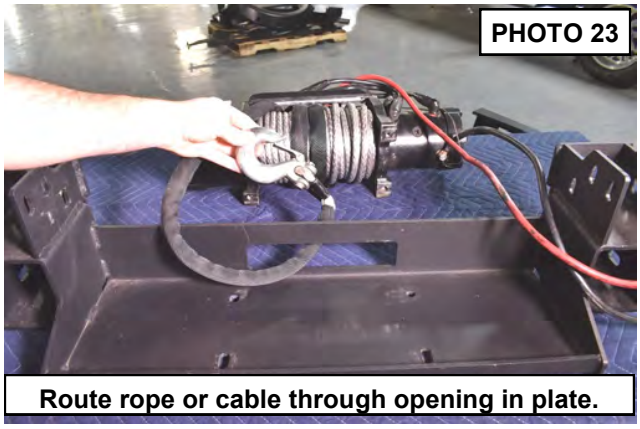




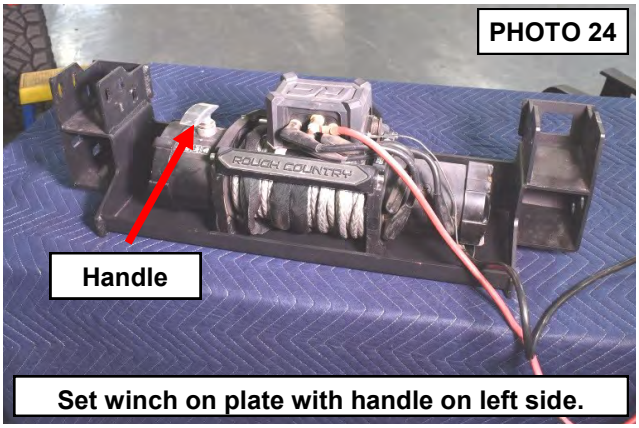
Install the Winch and RC Bumper

23. Refer to winch installation instructions included with the winch kit and install hardware to mount the winch to the winch plate. **See Photo 22**.
24. Route the winch rope through the opening on the winch plate. **See Photo 23**.

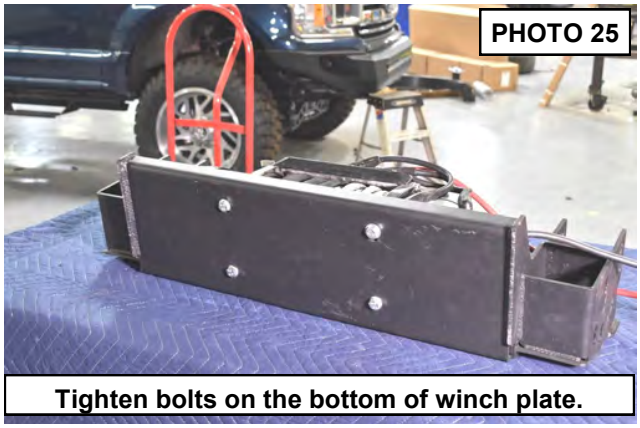




25. Position the winch in the plate so that handle is on the left side. **See Photo 24**.
26. Refer to instruction supplied with winch kit and install hardware to secure the winch to the winch plate and tighten with appropriate wrench. **See Photo 25**.

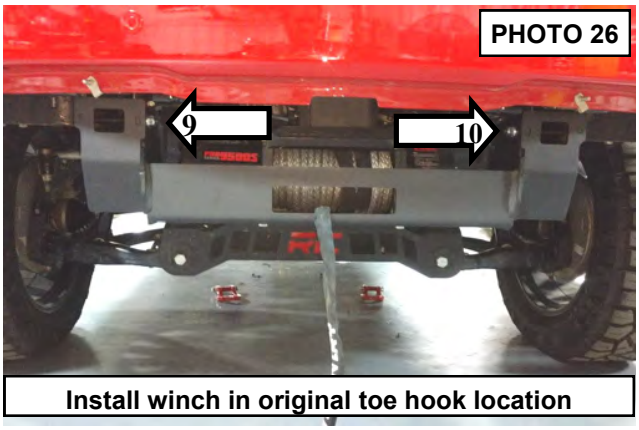


Set winch on plate with handle on left side.



Tighten bolts on the bottom of winch plate.

27. Install the winch plate in the original tow hook locations using the supplied 12MMx120MM bolts qty 2 and 10MMx120MM qty 1 bolt on each side. **See Arrows 9 and 10 from Photo 9** and **Photo 26.** Do NOT fully tighten yet.
28. Connect the supplied wiring harnesses extension to the two center sensor wiring harnesses for use with middle sensors installed in new mount in step 22. **See Photo 27**.



Install winch in original toe hook location

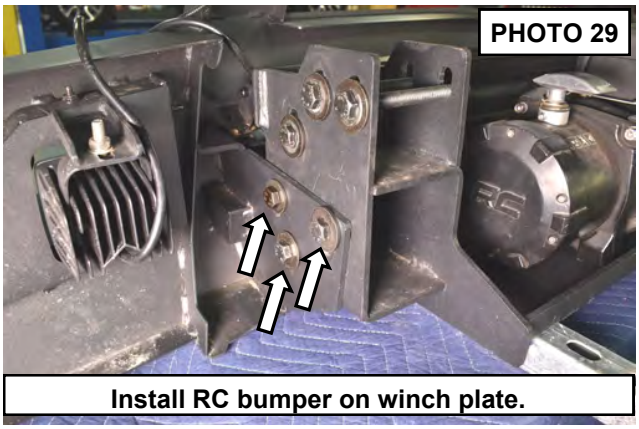


Connect supplied wiring harness extension

29. Run the winch rope /cable through the hawse/roller fairlead. If hook is attached it will need to be temporarily removed to route the rope /cable through hawse / roller fairlead. **See Photo 28**.
30. Align RC bumper with the winch plate and installed the supplied 12MMx45MM bolts qty 3, with nuts and washers on each side. **See Photo 29**. **NOTE: For clarity, photo is shown with winch plate off the vehicle**.



Disconnect sensor and connect wiring harness.



Install RC bumper on winch plate.

31. Reattach hook to winch rope/cable.
32. Install the supplied D-rings onto each side of the bumper.
33. Refer to the instructions that came with LED light bar for attaching the wiring harness to the truck.
34. Now that all components of the winch and bumper are installed , adjust mount and tighten down all bolts referring to torque spec chart on the first page of this manual.
35. Reinstall the grille, upper trim, and hood latch in the same manner as removed.



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