INSTALLATION INSTRUCTIONS
REAR CAB RACK
Part Number: 112186
Application: 2025 + Polaris Ranger and Ranger XP

GENERAL SAFETY PRECAUTIONS

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. WARNING and CAUTION are signal words that identify the level of hazard. These signal words mean:

⚠**WARNING** signals a hazard that could cause serious injury or death, if you do not follow recommendations. ⚠**CAUTION** signals a hazard that may cause minor to moderate injury, if you do not follow recommendations.

This guide uses ***NOTICE*** to call attention to important mechanical information, and Note: to emphasize general information worthy of special attention.

⚠ WARNING

IMPACT AND MOVING PARTS ENTANGLEMENT HAZARD

Failure to observe these instructions could lead to severe injury or death

- **Always** take time to fully read the Instructions and/or Operations Guide, and/or Basic Guide to Winching Techniques, in order to understand your winch and its operations.
- **Always** use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when/if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire or personal injury.
- **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- **Always** use extreme caution when cutting and trimming during fitting.
- **Always** remove jewelry and wear eye protection.
- **Never** lean over battery while making connections.
- **Never** route electrical cables:
  - Across any sharp edges.
  - Through or near moving parts.
  - Near parts that become hot.
- **Always** insulate and protect all exposed wiring and electrical terminals.
- **Always** install terminal boots as directed in installation instructions.
- **Always** use appropriate and adequate care in lifting components into place.
- **Always** insure components will remain secure during installation and operation.
- **Always** tighten all nuts and bolts securely, per the installation instructions.
- **Always** perform regular inspections and maintenance on the plow mechanism, fasteners, cable and related hardware.
- **Always** replace all worn or damaged parts before operating.
- **Never** operate this WARN product with damaged or missing parts..
- **Always** ensure the RED key-on (switched) wire is connected to a wire that is fused. This is crucial for protecting the vehicle's electrical system from shorts and overloads.

Read installation and operating instructions thoroughly.

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⚠ CAUTION

MOVING PARTS ENTANGLEMENT HAZARD

Failure to observe these instructions could lead to minor or moderate injury

- **Always** take time to fully read and understand the installation and Operations Guide included with this product.
- **Never** operate this product if you are under 16 years of age.
- **Never** operate this product when under the influence of drugs, alcohol or medications.

Read installation and operating instructions thoroughly.

NOTICE

EQUIPMENT DAMAGE

- **Always** refer to the Installation and Specification Guide, supplied in the winch kit, for all wiring schematics and specific details on how to wire this WARN product to your vehicle.
- **Never** overtighten u-bolt nuts. Overtightening may cause damage to vehicle frame.

Read installation and operating instructions thoroughly.

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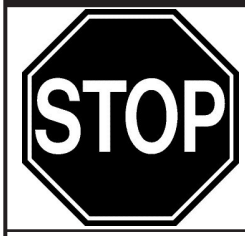
BEFORE YOU BEGIN



- **Never exceed winch rated capacity of 2,500 lb.**
- **Always ensure the RED key-on (switched) wire is connected to a wire that is fused. This is crucial for protecting the vehicle's electrical system from shorts and overloads.**

TOOLS REQUIRED

- Standard wrenches and sockets
- Metric wrenches and sockets
- Ratchet

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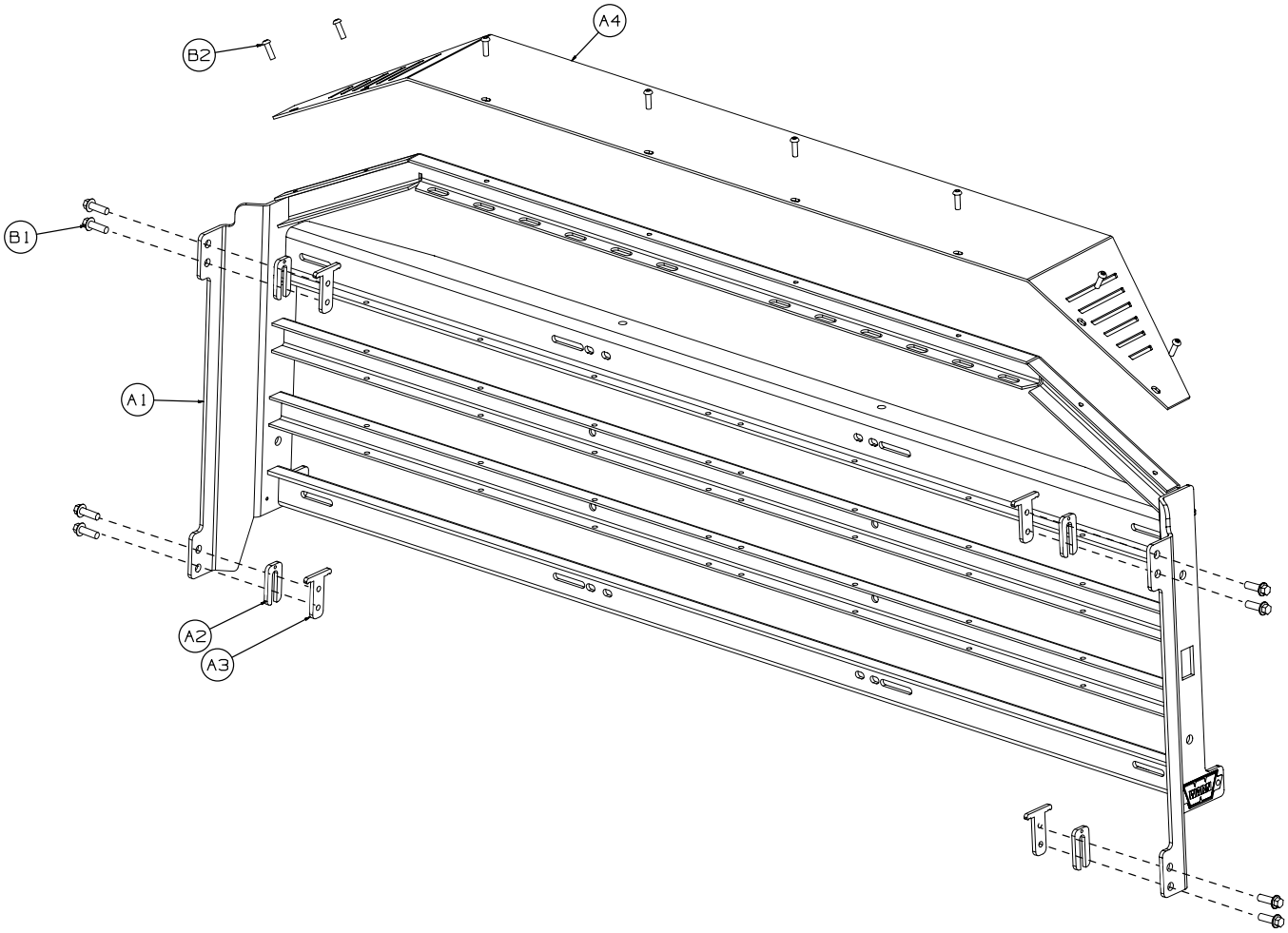
PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
A1	112190	RACK	1	B1	69771	M8-1.25 X 25MM BOLT	8
A2	112191	SPACERS	4	B2	69734	M6-1.0 BUTTON HEAD BOLT	8
A3	112234	NUT PLATES	4				
A4	112340	VISOR CAB RACK	1				



TORQUE SPECIFICATIONS

Please use the recommended torque specifications when assembling this product unless otherwise specified in the instructions.

FASTENER SIZE	FASTENER TORQUE		FASTENER SIZE	FASTENER TORQUE	
	lb-ft	(N.m)		lb-ft	(N.m)
1/4"	8	(11)	M4	(2)	3
5/16"	17	(23)	M5	(4.5)	6
3/8"	30	(40)	M6	(7.5)	10
7/16”	48	(66)	M8	(18)	25
1/2"	74	(100)	M10	(37)	50
9/16”	106	(144)			
5/8"	148	(200)			
3/4”	269	(364)			

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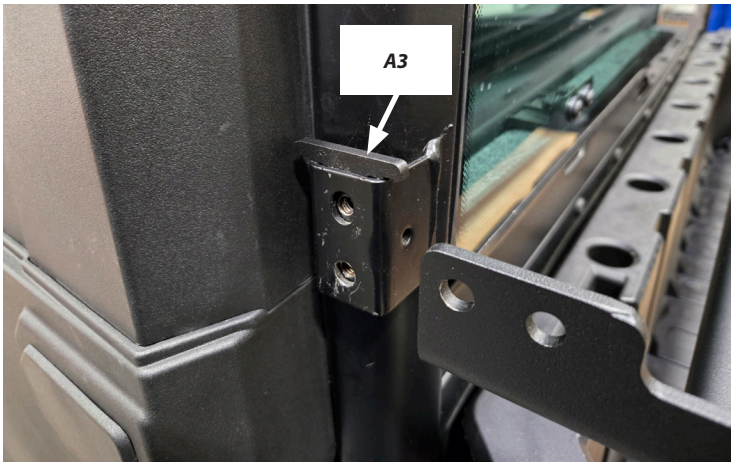
IN PREPARATION:

- Place a board or long pipe across the bed of the vehicle to hold rack in place during installation.
- This installation is easier with an assistant.

BEGIN:

1. With the mounting holes facing up, place the cab rack flat on the board or pipe.

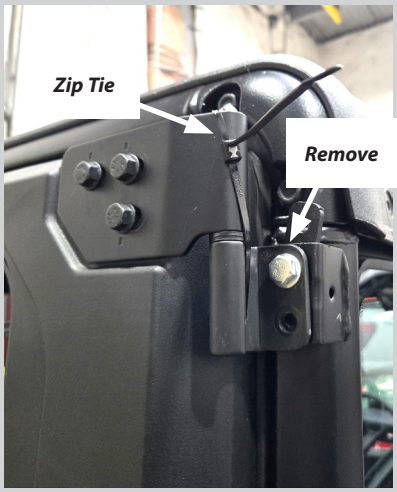
2. Locate the threaded nut plates (A3). *Tip: Chase the threads with an M8-1.25 tap to clean the threads of any paint, it will help with threading the bolts into the nut plates. You may also pre-install the bolts to make sure they thread in easily before installation.*
3. Drop a nut plates (A3) into the welded bracket of the rear cab bar. Repeat for all remaining three brackets (two lower / two upper).



4. With assistance, lift up on the rack to align the mounting holes. Insert one bolt (B1) through the lower rack and nut plate mounting hole. *Do not completely tighten at this point.*
5. Repeat for other side.

For vehicles with doors:

1. If your vehicle is equipped with doors, unbolt the top hinge from the cab, but keep the door closed.
2. Use a zip tie to keep each door hinge in place (otherwise it will fall to the ground).



3. Place a jack under the door. Carefully lift door just to align the door hinge back up with the door mount. ***NOTE: You will do this for each side before you install the upper cab rack bolts.***

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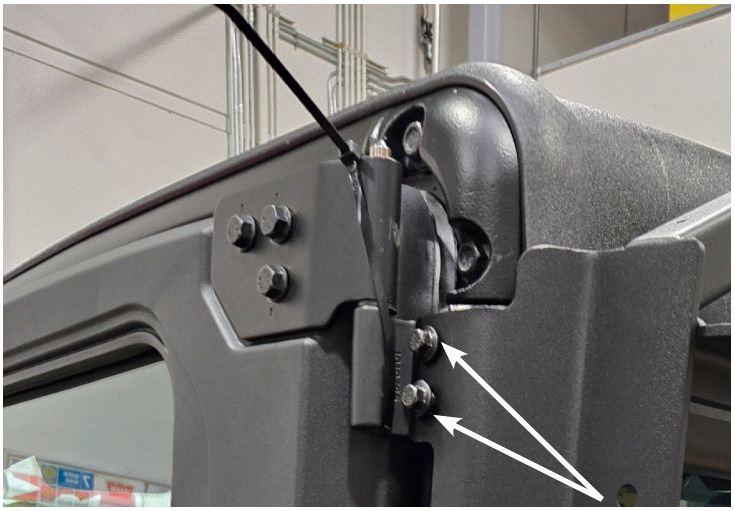
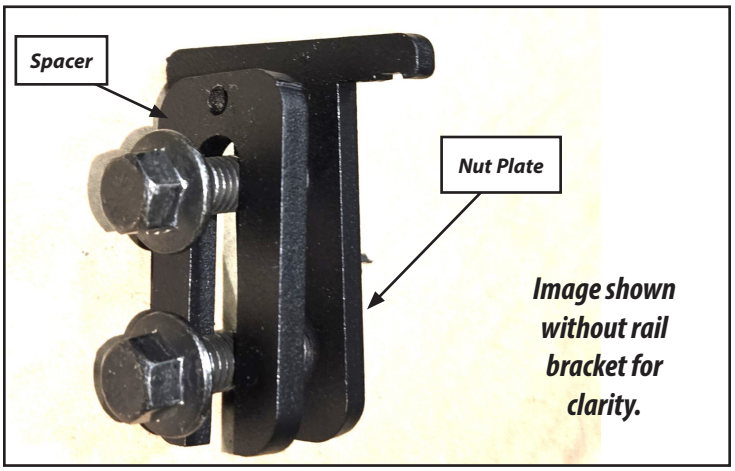
6. Swing the cab rack up and insert the second bolt (B1) in the lower rack (each side). *Do not completely tighten at this point*.

7. Insert two bolts (B1) in the upper rack bracket. *Do not fully tighten*.
8. Repeat for other side. ***Remember you will need to jack up the door, remove hinge bolt and zip tie hinge before installing.***

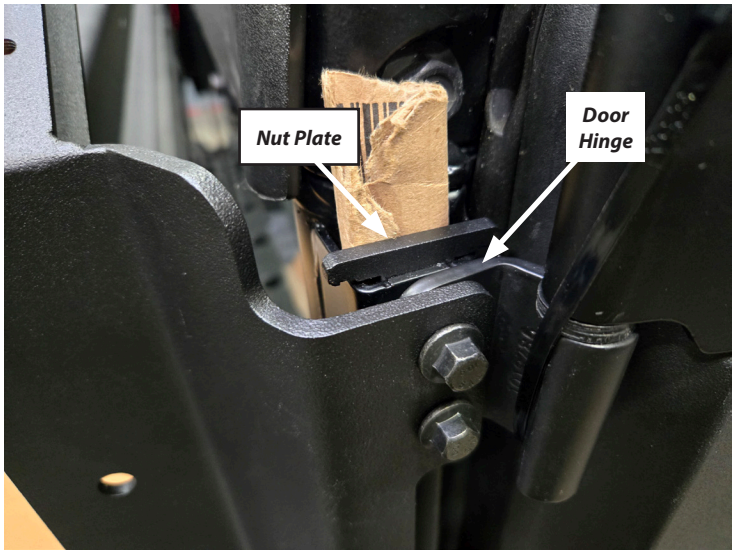


9. Slide one spacer (A2) down over the two bolts, between the rack and the nut plate for lower locations. *Do not completely tighten at this point*.

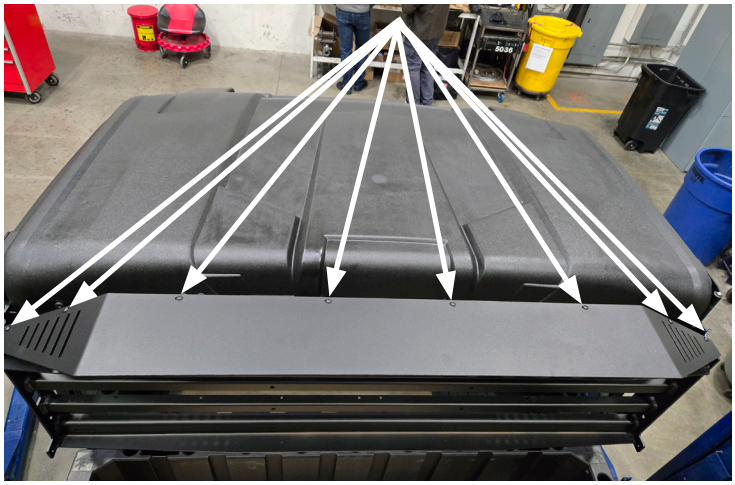


10. Continue with spacers on upper locations, ***UNLESS*** you have doors.

    If your vehicle has doors you do not need to install spacers in the top rack locations. The door hinge will act as a spacer.



11. Once all hardware is installed, if applicable you can now remove the jack and zip ties on door hinge.
12. Tighten **ALL** hardware at this time.
13. Install the cab rack visor (A4) using the M6 bolts (B2).



Your Warn Cab Rack is now installed. You can accessorize rack with lights, Molle Panels and a Cab Rack Winch Mount.

If you have purchased the Warn Rear Cab Rack Winch Mount, proceed on to the next steps.

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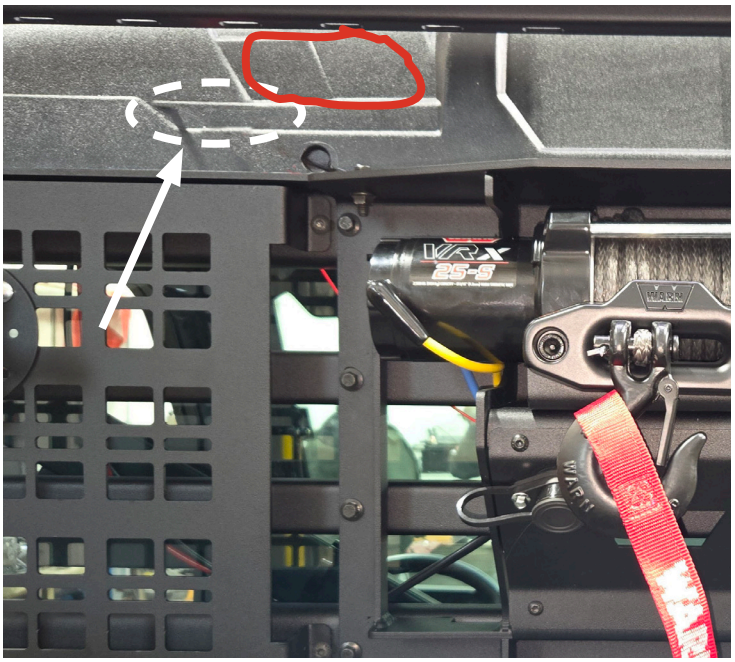
BEFORE YOU BEGIN:

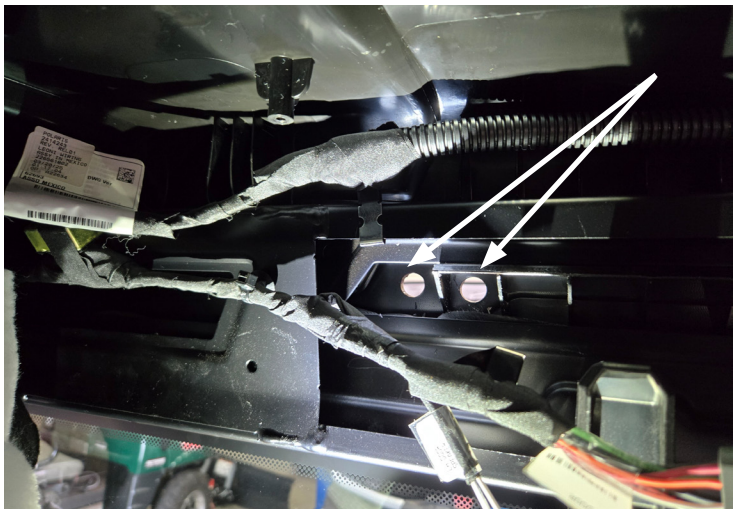
- You will need to purchase a rear cab harness kit and accessory plug if your vehicle is not equipped. Contact Polaris for required harness kit and accessory plug parts. ***NOTE: To avoid buying the harness kit you can add more length to the trigger wire and find a key switch hot wire elsewhere to attach to. Double check part numbers with your dealer for accuracy.***
- If equipped with Molle panels, remove the center panel. Slide the outer panels outward if necessary.
- Disconnect battery.

BEGIN:

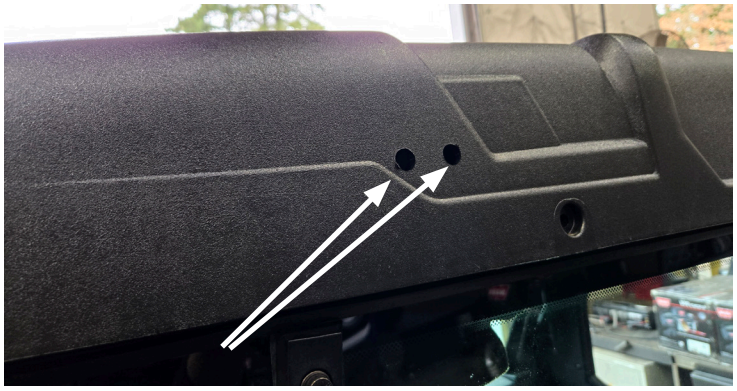
1. **Follow your Warn Cab Rack Winch Mount instructions to assemble and mount your winch mount**.
2. Once your winch mount is secured, you will need to locate an area on the roof to drill pilot holes in order to route your red and black power cables towards the vehicle battery. We recommend the area just to the left of the winch motor through the roof.



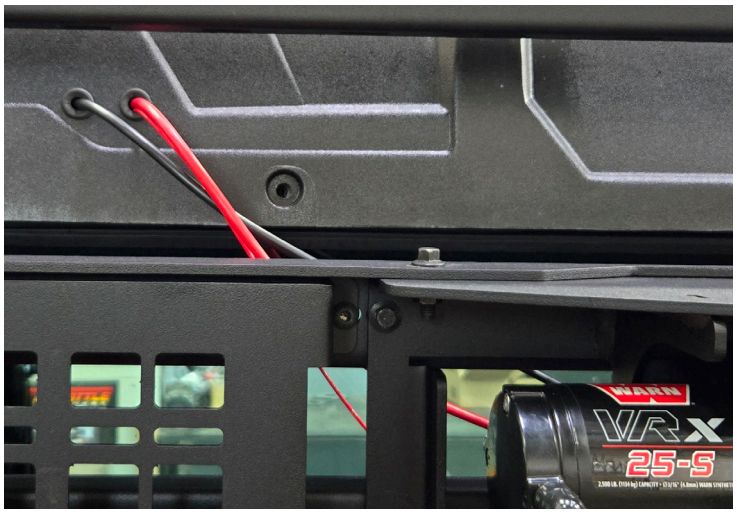
3. Once you have established the area to drill. From the inside of the vehicle mark the two areas to drill. ***NOTE: For vehicles with cabs, you will first need to remove a portion of the cab liner from the area you chose to drill pilot holes.***
4. Continuing from the inside, use step drill, to drill two 1/4" pilot holes.



5. From the outside and starting with the 1/4" pilot holes, gradually size up to a slightly larger bit until you reach the size of holes to fit the 3/8" rubber grommets (supplied in the cab rack winch mount kit). ***The figure is shown without rack for clarity.***



6. Continuing from the outside, install the two grommets in the drilled holes.
7. Route your red and black power cables and the red key-on switch wire through the holes.



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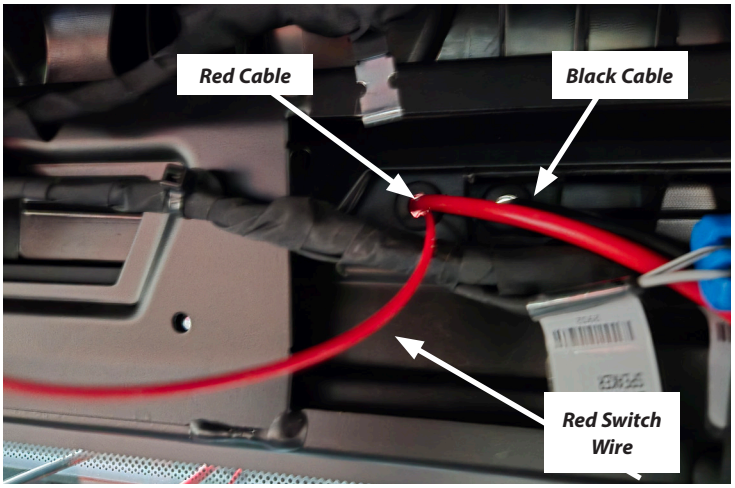
8. Returning to the inside of the cab, find your red key-on switch wire and cut and crimp to your desired connector, i.e. the purchased or stock accessory plug.

⚠ WARNING Ensure the RED key-on (switched) wire is connected to a wire that is fused. This is crucial for protecting the vehicle's electrical system from shorts and overloads.



9. Route the black and red power cables across and down the diagonal rail, towards the battery compartment. Use zip ties to secure the cables along the path. Do not connect to battery yet. ***NOTE: You may choose a different route to your liking. Ensure cables are away from sharp edges, heat and moving parts.***

10. If you vehicle is not equipped with a power harness, you will need to buy one. You will also an accessory plug. Contact Polaris for required parts.

    NOTE: You don't have to buy the new electrical buss if you can find a different ignition trigger wire to attach into. The new bus just makes it easier to run the trigger wire to.

11. Install your harness per Polaris installation instructions.
12. Connect the purchased accessory plug into the bus bar.
13. Connect your red switch wire from the winch remote harness to the accessory plug's ***blue*** wire. *This will be the only wire used from the new accessory plug.*
14. Reinstall battery connections.

⚠ WARNING Always connect red (+) power cable ONLY to the positive (+) terminal of the battery.

⚠ WARNING Always connect black ground (-) power cable ONLY to the negative (-) terminal of the battery.

15. First, attach the winch power (red) cable to the positive (+) battery terminal. Second, attach the winch (black) cable to the negative (-) battery terminal. Tighten securely.

MAINTENANCE / CARE

1. Inspect all parts on the winch, winch mount, and related hardware prior to each use. Replace all hardware that appears rusted or deformed.

2. Inspect all nuts and bolts on the winch, winch mount,, and related hardware prior to each use. Tighten all nuts that appear to be loose. Stripped, fractured, or bent bolts or nuts need to be replaced.

3. Check all cables prior to use. Replace cables that look worn or frayed.

4. Check all moving or rotating parts. Remove debris that may inhibit the part from moving freely.

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