



INSTALLATION INSTRUCTIONS FRONT WINCH BUMPER KIT

Part Number: 112236

Application: 2025 + Polaris Ranger

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** Know Your Winch. 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.
- **Never** work under vehicle before properly securing vehicle.
- **Always** use appropriate and adequate care in lifting components into place.
- **Never** use a jack to support the vehicle.
- **Always** use jack stands in pairs to support the vehicle.
- **Always** use jacks or jack stands only on a hard, stable, and level surface.
- **Never** exceed the rated capacity of a jack or jack stands.
- **Always** verify that the parking brake is set, the transmission is in park (automatic) or reverse (manual) and the rear wheels are blocked before working on vehicle.
- **Never** work under vehicle before properly securing vehicle.
- **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 and operation.
- **Always** perform regular inspections and maintenance on the winch, winch mount and related hardware.
- **Always** replace all worn or damaged parts before operating.
- **Never** operate this WARN product with damaged or missing parts.
- **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** use extreme caution when cutting and trimming during fitting.
- **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- **Always** remove jewelry and wear eye protection.
- **Never** lean over battery while making connections.
- **Never** route electrical cables across any sharp edge, through or near moving parts, near parts that become hot.

Read installation and operating instructions thoroughly.

WARN INDUSTRIES, INC. 12900 S.E. Capps Road,
Clackamas, OR USA 97015-8903, 1-503-722-1200, FAX: 1-503-722-3000
Customer Service: 1-800-543-9276
Dealer Locator Service: 1-800-910-1122
International Sales/Customer Service: 1-503-722-3008
International Fax: 1-503-722-3005

⚠ CAUTION

MOVING PARTS ENTANGLEMENT HAZARD

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

- Part edges may be sharp!
- **Always** use proper posture / lifting technique or get lifting assistance while handling and installing product.

Read installation and operating instructions thoroughly.

NOTICE

EQUIPMENT DAMAGE

- **Never** tow vehicle by attaching a tow bar to the eyelets on the bumper.
- Do not attach tow bars directly to the bumper. Damage to bumper may occur. WARN bumpers are not designed to be used for flat towing. Consult with the manufacturer of your tow bar system for the proper vehicle tow bar brackets.

Read installation and operating instructions thoroughly.

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BEFORE YOU BEGIN



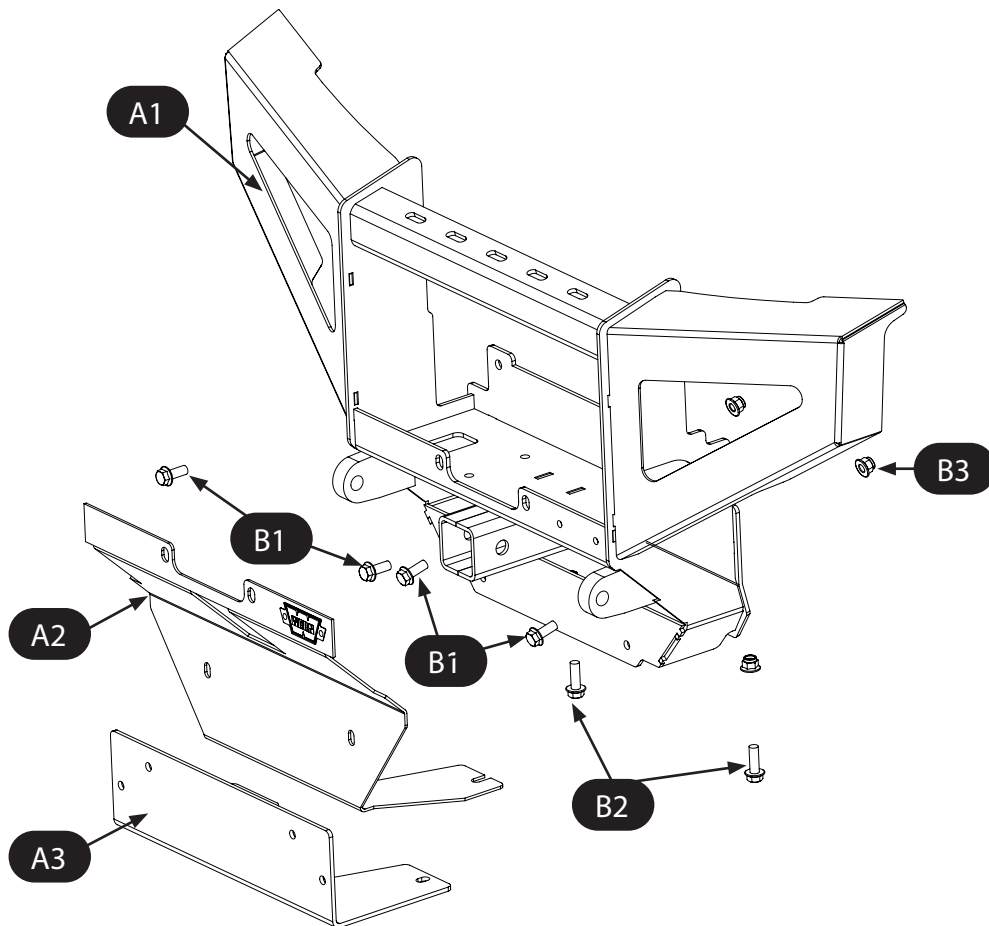
This product may interfere with driver assist systems such as adaptive cruise control and parking assist systems that have sensors or cameras installed in the bumpers or front grill area. If your vehicle is equipped with any of these systems or features, consult your vehicle owner's manual before installing this product. These systems may need to be disabled as a result of installing this product.

TOOLS REQUIRED

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

PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
A1	112237	BUMPER	1	B1	93078	M10-1.5 X 25MM CPSCR	4
A2	112271	BUMPER COVER PLATE	1	B2	79583	M10-1.5 X 30MM CPSCR	2
A3	112272	PLOW MOUNT BASE BRACKET	1	B3	93078	M10-1.5 FLANGE NUT	4



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)			

INSTALLATION INSTRUCTIONS

PREPARATION:

- Shift vehicle transmission into "PARK". Turn ignition key to "OFF" position and remove key from ignition switch.
 - Flip the passenger seat up and remove the tray to expose the battery. Disconnect black negative (-) cable from battery.
1. Unplug the hook auto stop harness.



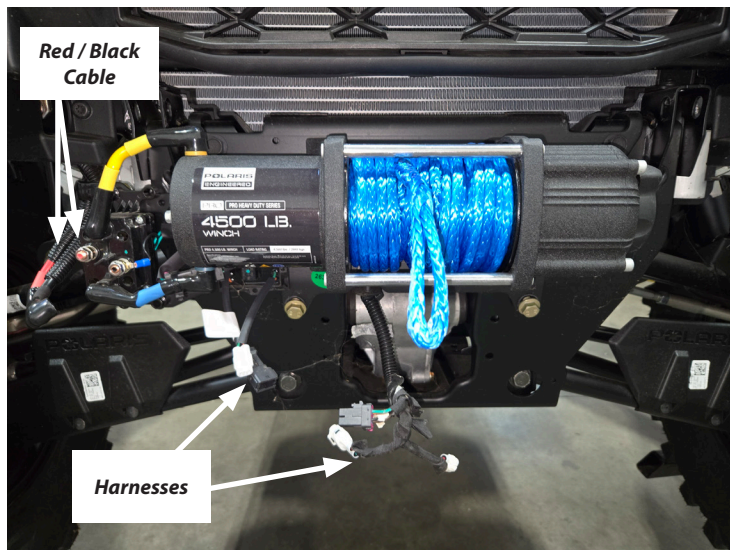
2. Loosen the two upper bolts from each side. You can remove the nut completely, but leave the bolts hanging in place to hold the bumper up while removing the two lower bolts.



3. Remove the two lower bolts/nuts on each side.



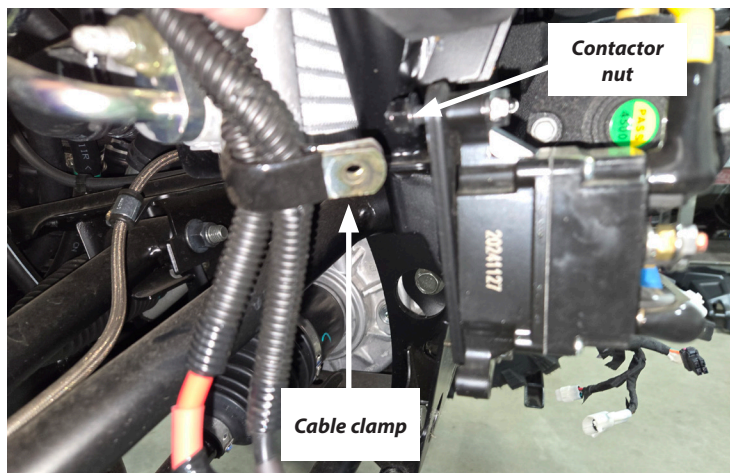
4. While holding the bumper in place, remove the two upper loose bolts and remove the bumper completely.
5. Separate and unplug the remaining harnesses.
6. Disconnect the red and black cables from the contactor.



7. Remove the upper winch mount mounting bolts and set aside to reuse later.

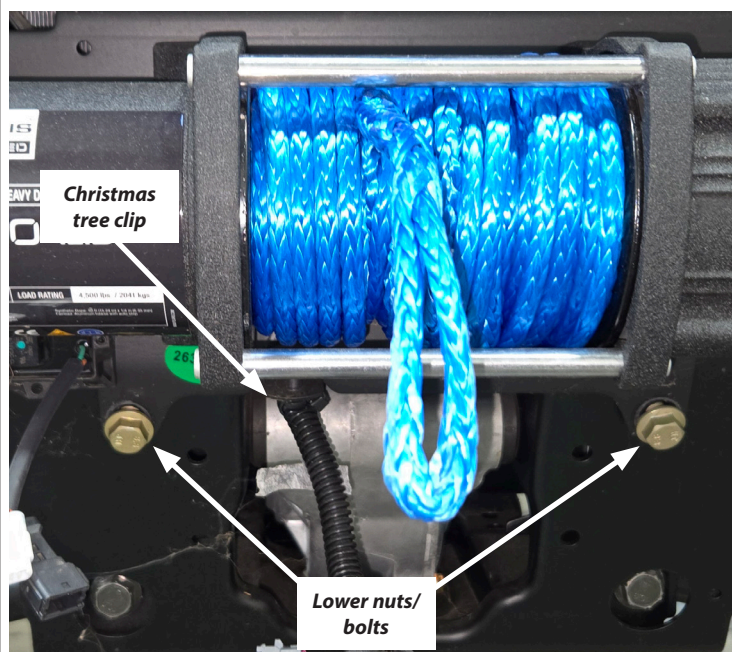


8. Disconnect the red and black cable clamp by removing the nut from the contactor mounting bolt.



INSTALLATION INSTRUCTIONS

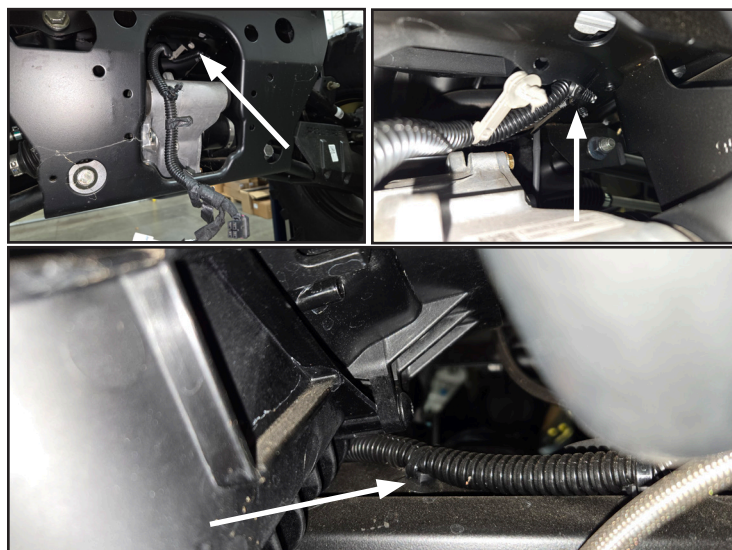
9. Remove the lower winch mounting nuts and bolts and set aside to reuse. *The mount will remain in place because it is hooked above.*
10. Remove the Christmas tree clip from the mount.



11. Carefully remove the whole mount assembly by lifting up and pulling outward.

NOTE: You will not be using your OEM wiring harness. We recommend removing your harness completely. If you decide to keep the harness on your vehicle, you will need to use zip ties along the route to keep up and out of the way.

12. To remove the harness completely, following the path of the harness, unclip all the clips as you go and then carefully remove harness from the vehicle completely.



13. Install new bumper using the OEM hardware removed from the OEM mount. **NOTE: If your vehicle was not equipped with a winch, use the supplied hardware (B1 and B3).** Torque to recommendation on page 3.



14. Locate your yellow, blue, red and black winch cables (supplied with winch) and install a terminal boot to each end.
15. Connect the winch wires to the winch prior to installing the winch to the vehicle and seat the boots over the terminals.

NOTICE Installing the factory Polaris red and black power leads directly to the AXON winch can break the winch terminal housing. The terminal ends are too large and need to be modified to work. We recommend using the supplied winch cables from your Warn winch kit.

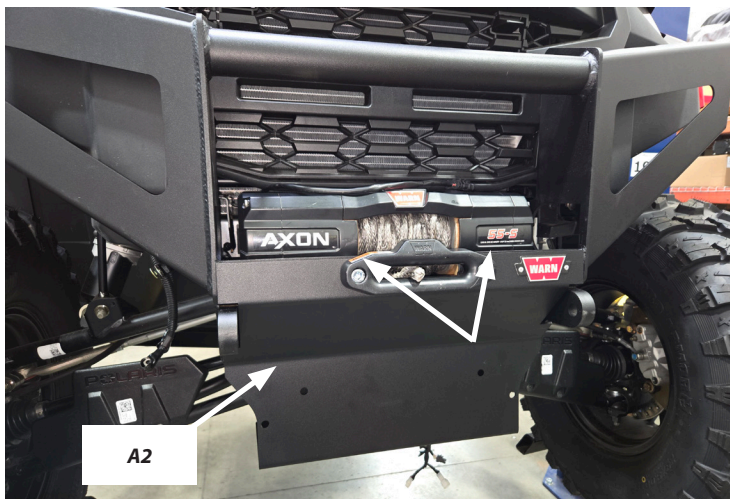
16. Install your winch to the winch tray using winch hardware. See full instructions included with winch.

17. For VRX Winch:

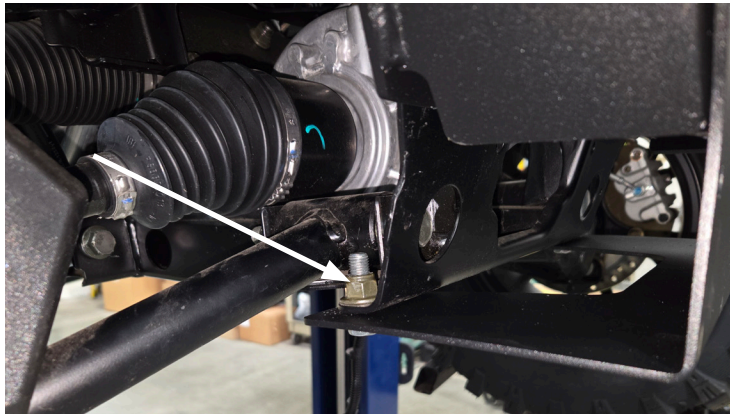
- a. Locate the contactor (supplied with winch) and find a mounting location on your vehicle. Be sure that the cables from the winch can reach comfortably.
- b. Mount your contactor per instructions included with winch.
- c. Fasten ring terminal ends of each cable to the coordinating terminals on the contactor with a lock washer and nut. Torque to recommended value and seat boots over terminals.

INSTALLATION INSTRUCTIONS

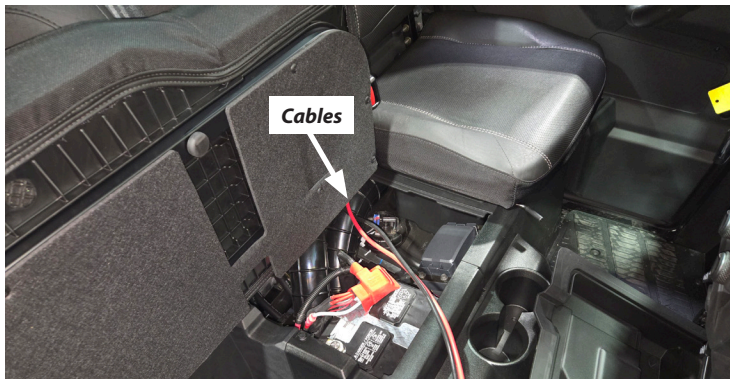
18. Route the red and black cables through the tunnel to the battery. **NOTE: Make sure to route wires/cables away from sharp edges, heat and moving parts. NOTE: Zip tie along the way to keep cables/wiring in place.**
19. Locate the bumper cover plate (A2). Attach the upper section using the fairlead and fairlead hardware. Do not tighten completely.



20. Using the Polaris lower mounting bolts, attach the lower portion of the cover plate to the OE bumper location.



21. With battery compartment exposed, carefully reach in the tunnel and pull out the red and black cables you routed earlier and fasten to the battery auxiliary posts.



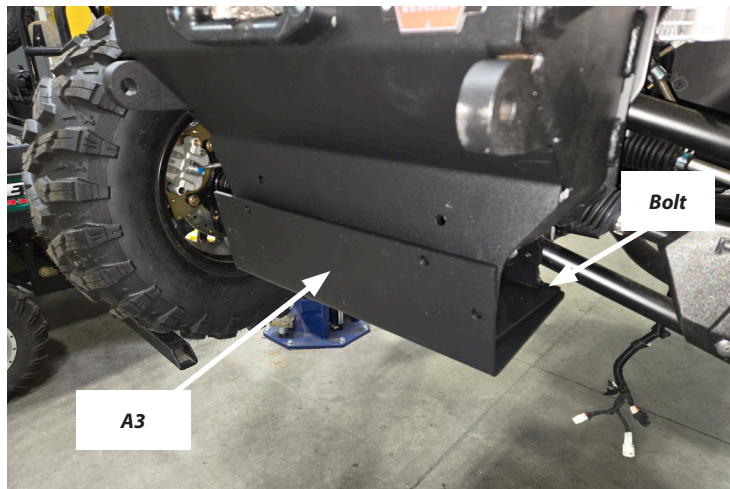
22. Confirm that there are no exposed wires or terminals. Install cable ties as needed to secure loose cables and wires up and out of the way.
23. Reconnect battery negative cable.
24. Thread winch rope through fairlead and install the abrasion sleeve (if applicable), hook and hook strap.
25. Turn ignition switch to ON. Have a second person watch the winch cable and verify that the switch is functioning correctly when it is pushed to spool cable in and pushed to spool cable out.



OPTIONAL PLOW MOUNT:

There is an extra L-shaped bracket in your kit (A3). This is if you purchase a Warn plow mount. You will use this bracket in place of the plow bracket from your plow kit.

1. Remove the lower bumper mounting bolts (step 20). Position the plow bracket over the lower portion of the bumper cover plate (aligning the holes). Reinstall the two lower bolts to hold in place.



INSTALLATION INSTRUCTIONS

2. Align the two holes of the Warn Plow Mount with the two holes of the plow bracket/bumper cover assembly. Secure all pieces using the hardware supplied in your plow mount kit.



Complete you plow mount system installation following your plow mount instructions.

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.

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.

