INSTALLATION INSTRUCTIONS
BUMPER WINCH MOUNT
Part Number: 109192
Application: 2022 Polaris RZR PRO R

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** 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.

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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.
- **Always** use proper posture / lifting technique or get lifting assistance while handling and installing product.

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** 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.

NOTES

BEFORE YOU BEGIN

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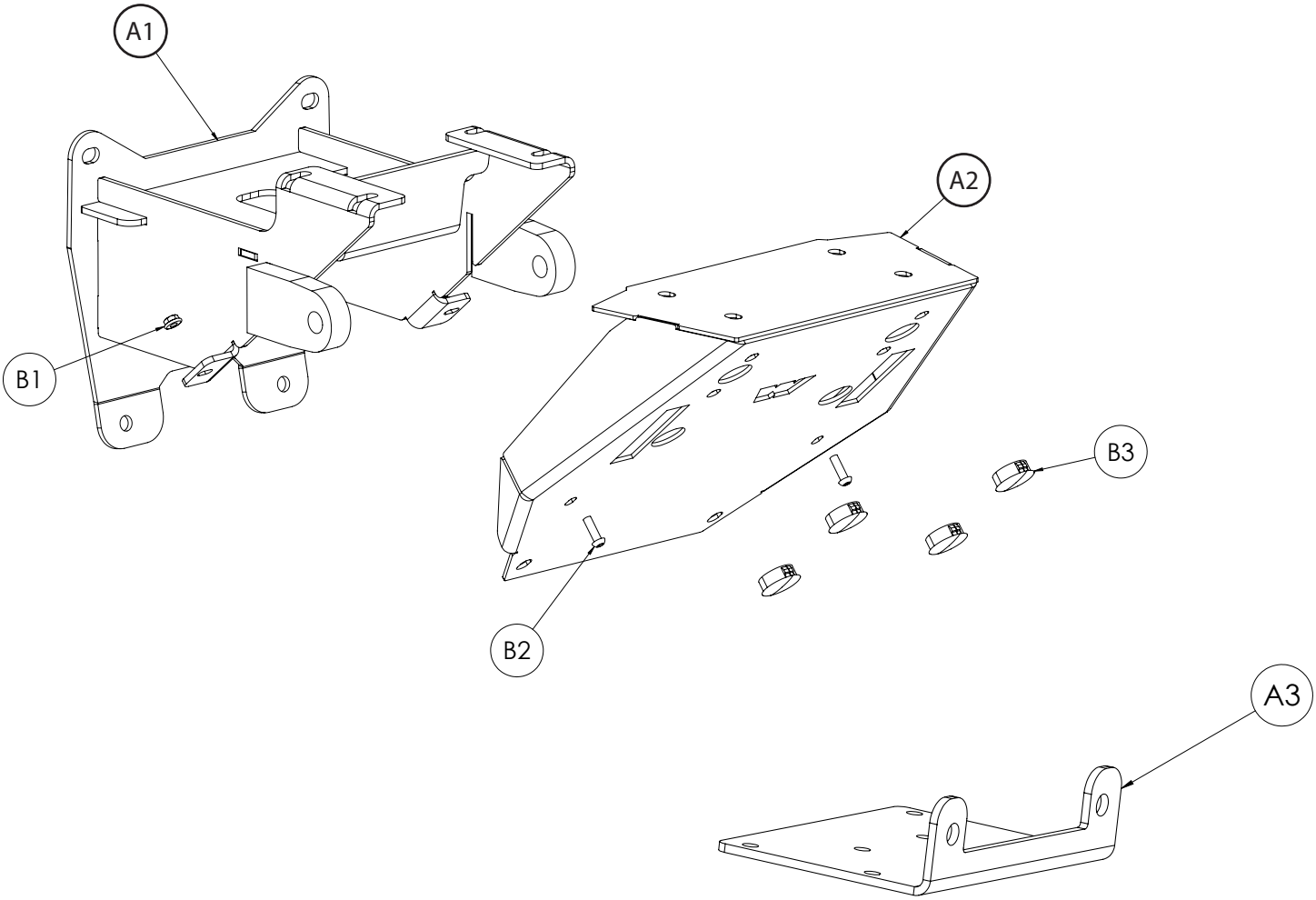
MAINTENANCE / CARE

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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PARTS LIST

ITEM	PN	DESCRIPTION	QTY	ITEM	PN	DESCRIPTION	QTY
A1	108985	BUMPER WINCH MOUNT	1	B1	37533	6M X 1.0 NUT	2
A2	108983	BUMPER SHELL	1	B2	82923	M6-1.0 X 20 BUTTON HEAD BOLT	2
A3	109099	FAIRLEAD PLATE	1	B3	102248	PLASTIC PLUG	4



TOOLS REQUIRED

- Standard and metric wrenches
- Standard and metric sockets
- Socket extension

TORQUE SPECIFICATIONS

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

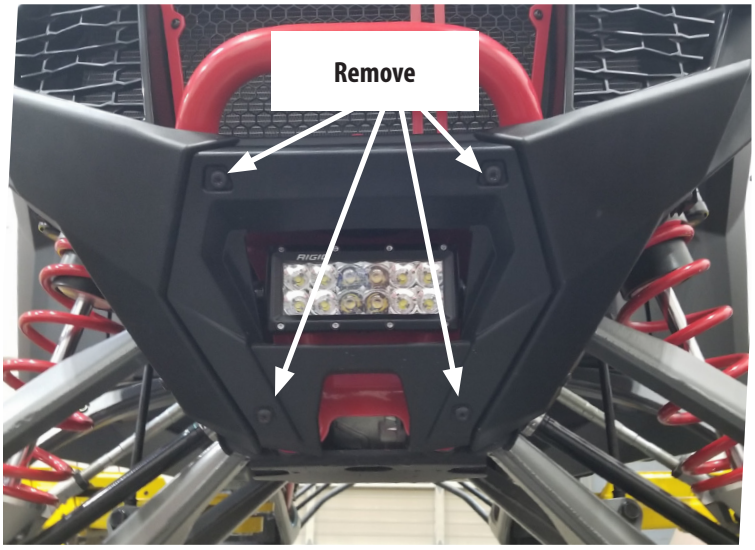
FASTENER SIZE	*FASTENER TORQUE*	
	lb-ft	*(N.m)*
1/4"	8	(11)
5/16"	17	(23)
3/8"	30	(40)
7/16”	48	(66)
1/2"	74	(100)
9/16”	106	(144)
5/8"	148	(200)
3/4”	269	(364)

FASTENER SIZE	*FASTENER TORQUE*	
	lb-ft	*(N.m)*
M4	(2)	3
M5	(4.5)	6
M6	(7.5)	10
M8	(18)	25
M10	(37)	50

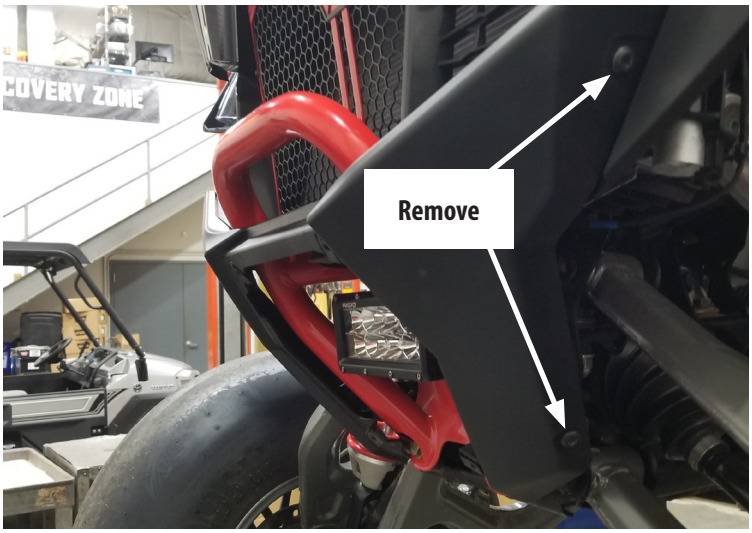
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INSTALLATION INSTRUCTIONS

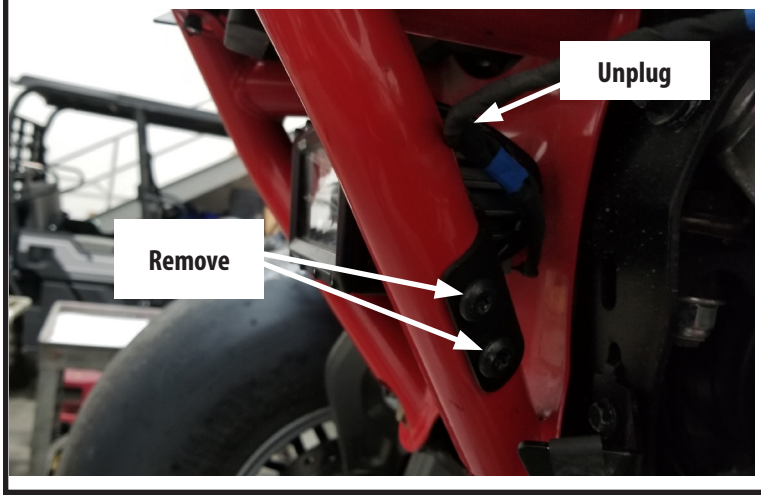
1. Remove the four screws securing the front plate, and remove. Save the bottom two screws. ***NOTE: Be sure the metal clips are retained in the plastic, for the lower two screws.***



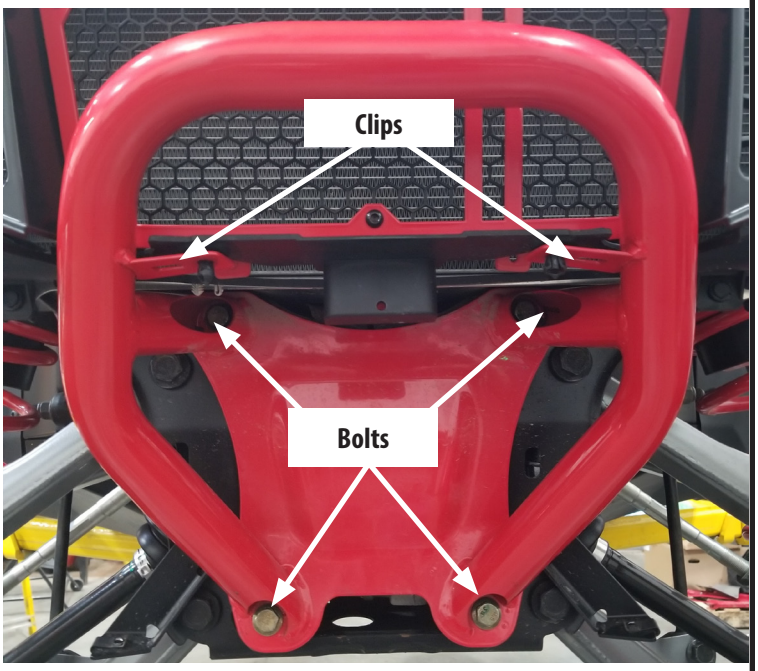
2. Remove the upper and bottom screws on the side of the bumper cover (both sides) and remove cover off the vehicle.



3. Remove the two screws on frame tube (each side).
4. Unplug and remove the bumper light, if applicable.



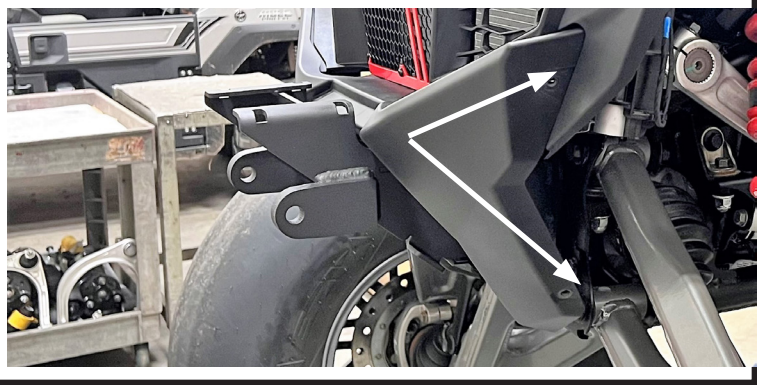
5. Remove the four bumper bolts. *TIP: A socket extension will need to be used for the top two bolts.* Save hardware.
6. Un-clip the two push clips and remove the bumper completely.



7. Install bumper winch mount (A1) using the four bolts removed in step 5.

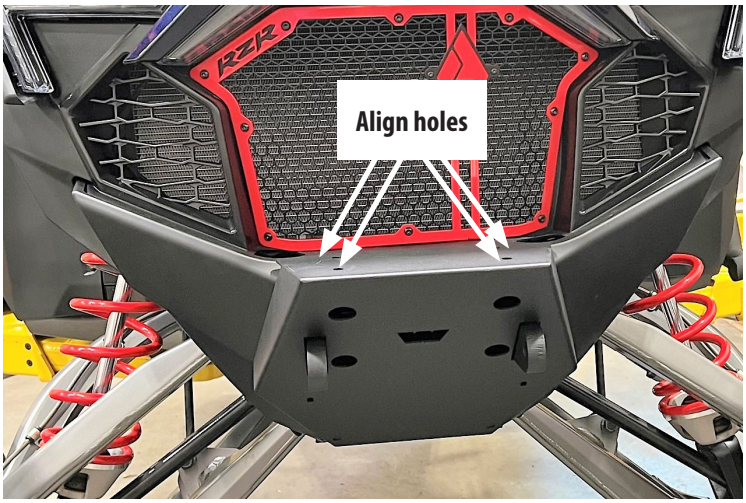


8. Reinstall the bumper cover. ***NOTE: This may require careful pressure to get it over the mount.***



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9. Position bumper shell (A2) over the bumper mount and align the upper plate holes with the mount holes.



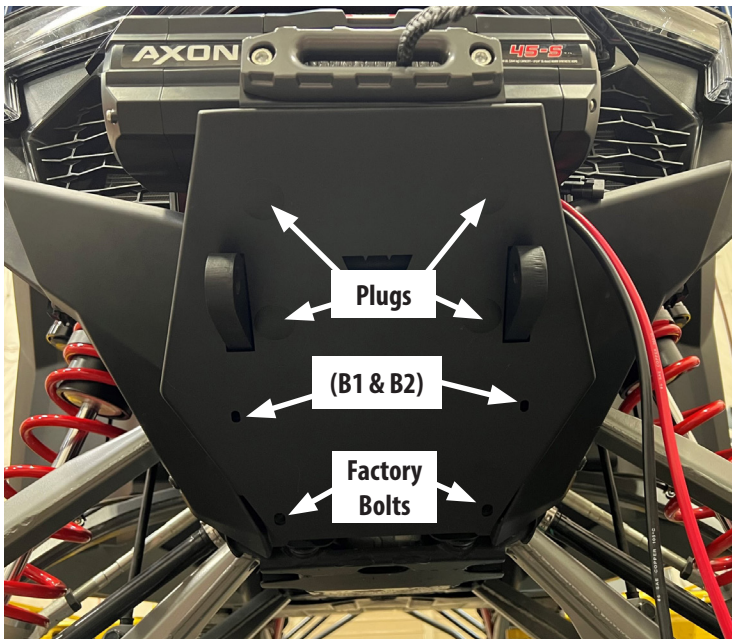
10. Install fairlead to fairlead plate using hardware from your winch kit.



11. Place fairlead/bracket on top of the bumper mount and align holes.
12. Place winch on top of fairlead plate, aligning winch feet with holes. ***NOTE: We recommend pre-wiring the winch before installation. Follow instructions found in your winch kit.***



13. Using an extension, install the four winch bolts (supplied in your winch kit) up through the shell, fairlead plate and into the winch feet.
14. Tighten to torque recommendation on page 3.
15. Install the two screws saved from step one, into the lower shell holes and into plastic clips.
16. Install the two M6 bolts (A2) into the upper shell holes and fasten (from behind shell) with two M6 nuts (B1).
17. Tighten ALL hardware to torque specifications on page 3.
18. Once **all** hardware is tighten, install the four plugs (B3) into the winch access holes.



19. With winch in freespool (disengage clutch), feed winch rope through the fairlead opening.

    NOTE: For synthetic winch rope applications, slide the abrasion sleeve on before installing hook.
20. Install hook/hook strap combo to rope using clevis and cotter pin.
21. Route winch motor wires up along the frame, avoiding moving parts and pinch points, zip tie along the way to keep up and out of the way.
22. Finish wiring the winch to vehicle per winch installation instruction.



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