INSTALLATION INSTRUCTIONS
WINCH MOUNT KIT
Part Number: 111146
Application: 2024 KAWASAKI RIDGE

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.

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 Fax: 1-503-722-3005

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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.

NOTES

BEFORE YOU BEGIN

1. Park the vehicle on level ground, set the parking brake, turn off the ignition switch.

2. Disconnect the battery.

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TOOLS REQUIRED

- Standard and Metric Wrenches
- Standard and Metric Sockets
- Extension sockets
- Torx wrench

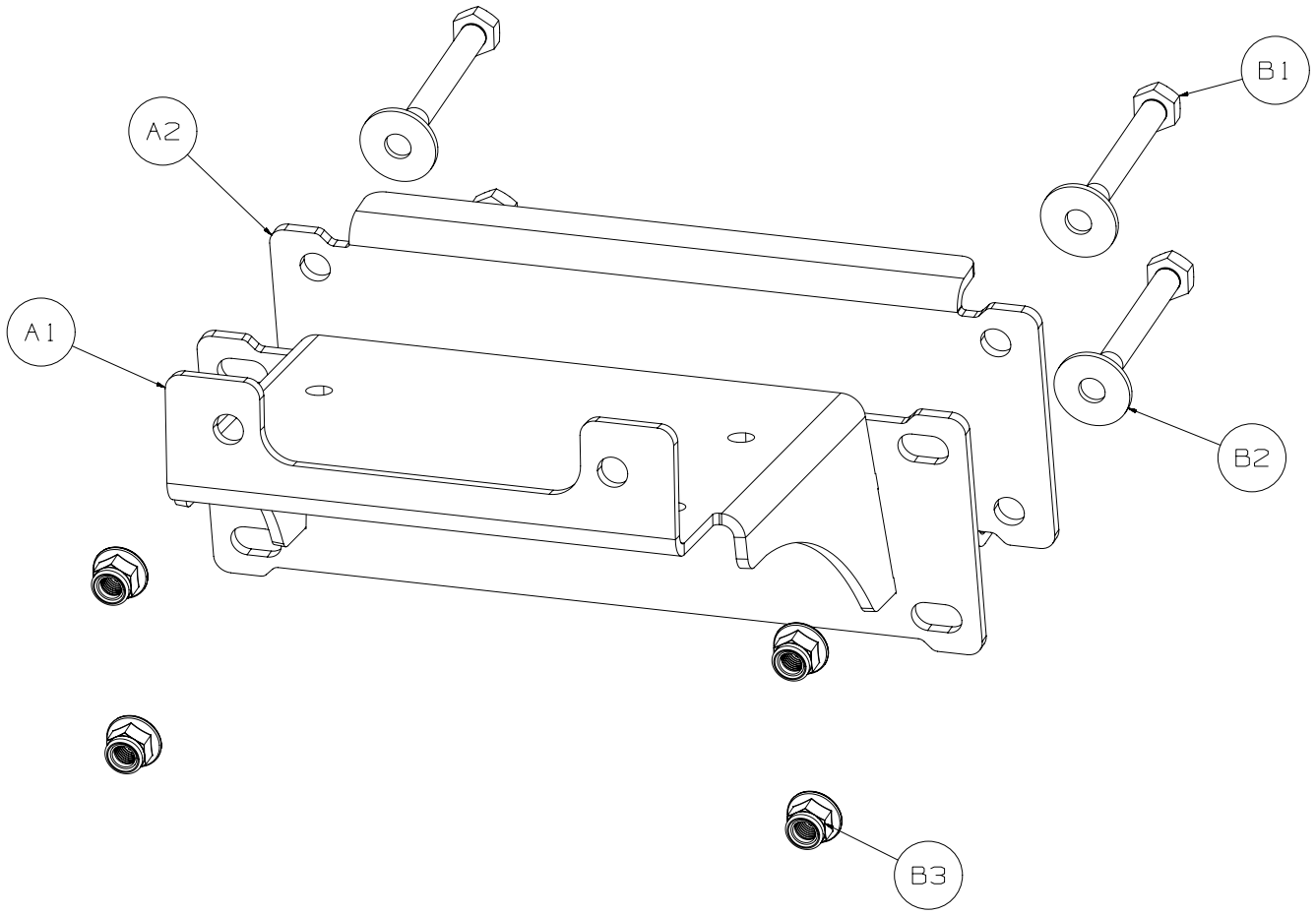
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PARTS LIST

LINE ITEM	PART NUMBER	DESCRIPTION	QTY
A1	111312-A0	WINCH MOUNT	1
A2	111309-A0	WINCH MOUNT BACKING PLATE	1

HARDWARE KIT (PN 111313)

LINE ITEM	PART NUMBER	DESCRIPTION	QTY
B1	82159	M10-1.5 X 65MM CPSCR FLANGE HEAD BOLT	4
B2	89389	M10 FLAT WASHER	4
B3	92506	M10-1.5 FLANGE NUT W/ NYLOC INSERT	4



TORQUE SPECIFICATIONS

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

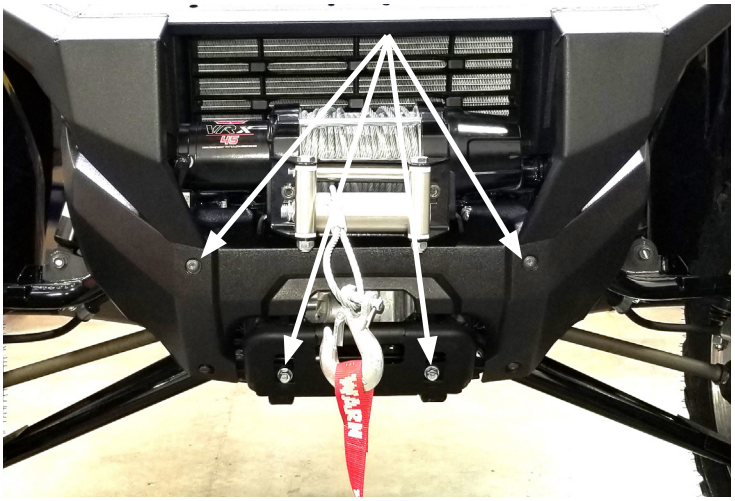
FASTENER SIZE	*FASTENER TORQUE*		*FASTENER SIZE*	*FASTENER TORQUE*	
	lb-ft	*(N.m)*		*lb-ft*	*(N.m)*
1/4"	8	(11)	M4	(2)	3
5/16"	17	(23)	M5	(4.5)	6
3/8"	30	(40)	M6	(7.5)	10
7/16”	48	(66)	M8	(18)	25
1/2"	74	(100)	M10	(37)	50
9/16”	106	(144)			
5/8"	148	(200)			
3/4”	269	(364)			

NOTICE: Torque does not apply to u-bolts.

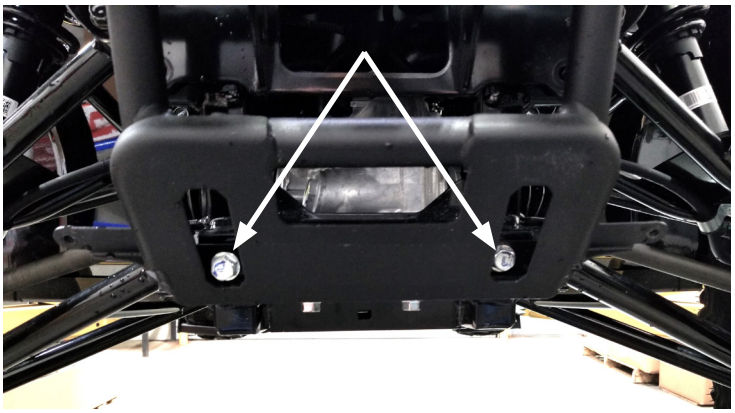
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INSTALLATION INSTRUCTIONS

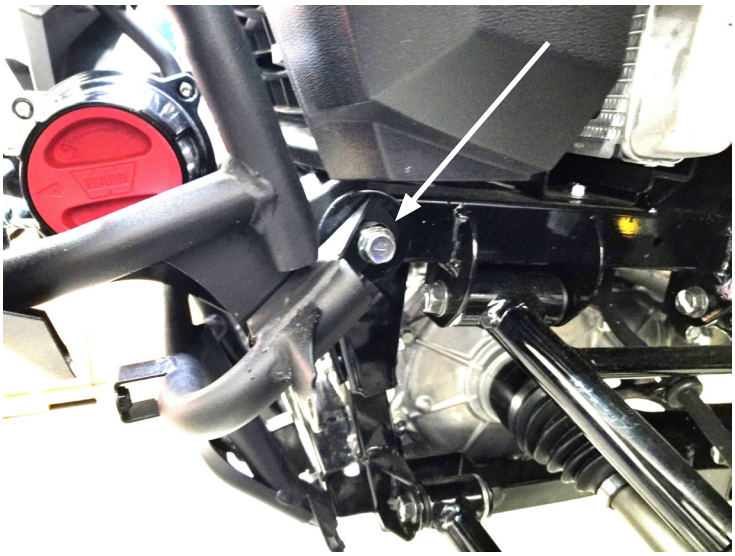
1. Remove the four torx head screws, to remove the front lower plastic from the vehicle.



2. Remove the two front bumper bolts.



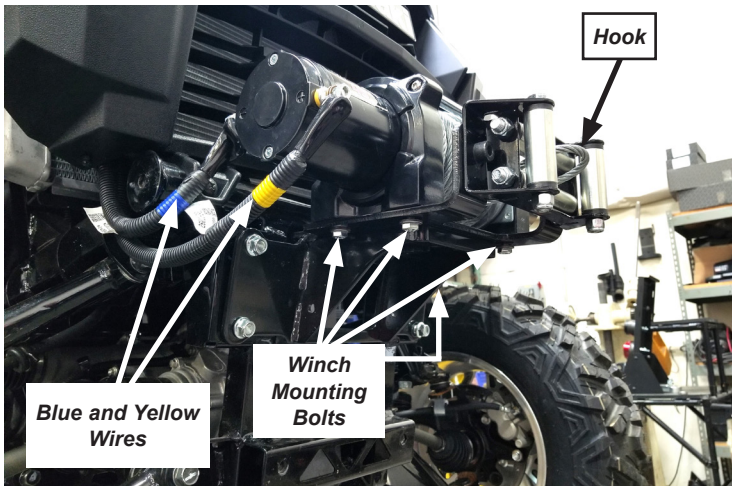
3. Remove the upper side bumper bolt (each side).



4. Remove bumper and set aside.

If your vehicle is equipped with a winch and OE winch mount, follow steps 5-10. If your vehicle is not equipped, skip to step 11.

5. Remove the yellow and blue wires that are attached to the motor using a 10mm wrench.
6. Remove the winch rope hook.
7. Remove the four winch mounting bolts.
8. Remove winch and set aside if reusing.



9. Remove the two bolts holding the winch mount bracket to the rear of the winch mount. Remove bracket completely, you will not be reusing.

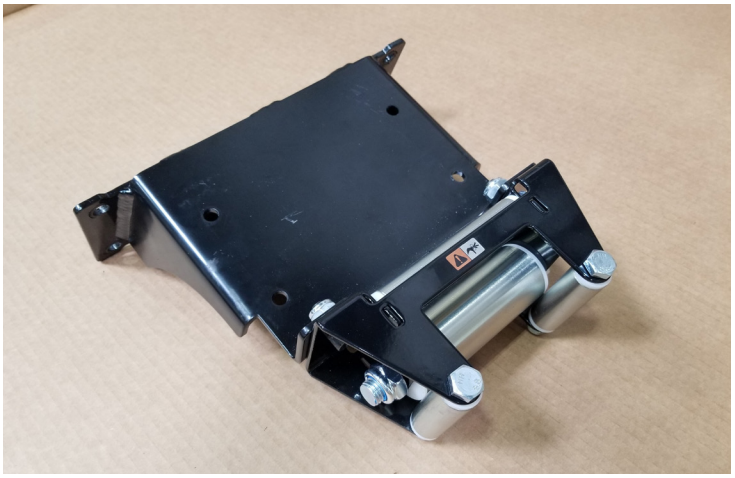


10. Remove the four bolts (two on each side) of the winch mount and remove the winch mount entirely.

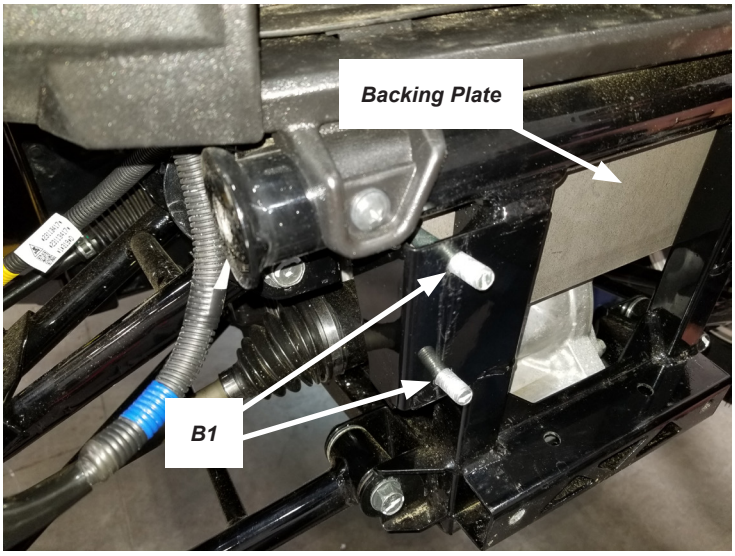


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11. Install your Warn fairlead to the Warn winch mount using the hardware from your winch kit.



12. Position backing plate (A2) behind the vertical tubes of your vehicle frame, aligning mounting holes.
13. From behind, insert four M10 bolts (B1) through the backing plate and through the holes in the frame (two bolts on each side).



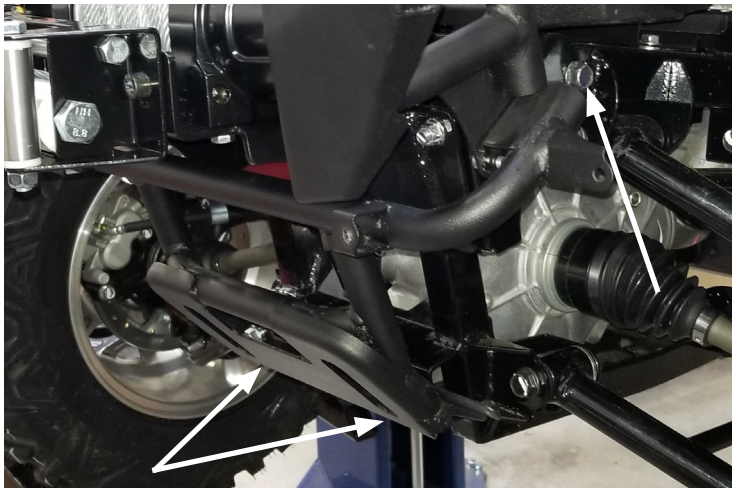
14. Slide the Warn winch mount (A1) over the bolts and secure with four M10 washers (B2), followed by four M10 nuts (B3).



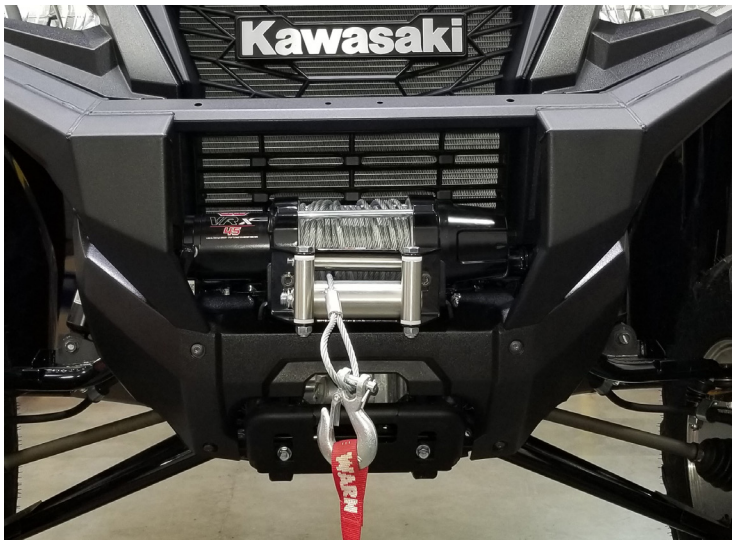
15. Re-install the winch that you previously removed, or the new Warn winch following instructions from your winch kit.
16. Attach the winch motor wires and complete wiring per winch installation instructions.



17. Position bumper on vehicle.
18. Install the two upper side bolts (one on each side) and the two lower front mounting bolts.



19. Reinstall your front plastic. ***NOTE: You may need to trim the edges of plastic around the winch mount area. Fit and trim as necessary.***



20. Tighten all hardware per torque recommendations.
21. Attach hook to winch rope.

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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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