INSTALLATION INSTRUCTIONS
PLOW MOUNT KIT
Part Number: 111140
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** Read the Plow Operator's Manual, the Winch Operator's Manual and all warning labels before operating.
- **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** operate the vehicle at a walking speed with the blade installed. Never exceed 5 mph (8 km/h), even with blade up.
- **Always** plow cautiously, impact with hidden or stationary object may cause the vehicle to stop suddenly or go out of control.
- **Never** operate the vehicle on slopes greater than 10 degrees with the plow installed.
- **Never** stand or ride on the plow.
- **Always** stay clear of moving parts and joints. Always keep others away when operating or adjusting plow.
- **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** drive slowly over bumpy and rough terrain. Driving at speeds that cause the plow to bounce while in the up position can cause the winch to back-drive, causing the plow to work its way down. This may result in the plow impacting a stationary object and cause damage to the vehicle and operator injury or death.
- **Always** drive at speeds such that the plow does not bounce and be aware of the plow position while driving at all times.
- **Always** be aware that the purpose of the j-bolt is to break the connection between the plow and the winch, to prevent serious damage to the ATV if the plow is raised too high. The plow blade will drop suddenly if the j-bolt breaks, so always be sure there are no bystanders when you raise and lower the plow.
- **Never** raise the top of the plow above the headlights of the ATV, as it may damage the vehicle and plow.
- **Always** replace a deformed or broken j-bolt with the spare j-bolt included in the kit.

Read installation and operating instructions thoroughly.

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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.
- **Always** put the end of the actuator cable through the slot in the Termination Bracket. Terminating the cable through any other hole in the bracket will cause the bracket to not function properly and will drastically reduce the life of the actuator cable.
- **Never** overtighten u-bolt nuts. Overtightening may cause damage to vehicle frame.

Read installation and operating instructions thoroughly.

NOTE

The OE winch mount will work with this Warn® plow mount, however, we recommend purchasing the Warn® winch mount, due to it having a stronger lifting bracket.

NOT ALL VEHICLES ARE EQUIPPED WITH AN OE WINCH MOUNT, BE SURE TO FOLLOW THE SPECIFIC SECTION FOR YOUR SPECFIC MODEL.

BEFORE YOU BEGIN

These instructions are for Kawasaki Ridge and Kawasaki Ridge XR . Pay particular attention to the specific section designated for you specific model.

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TOOLS REQUIRED

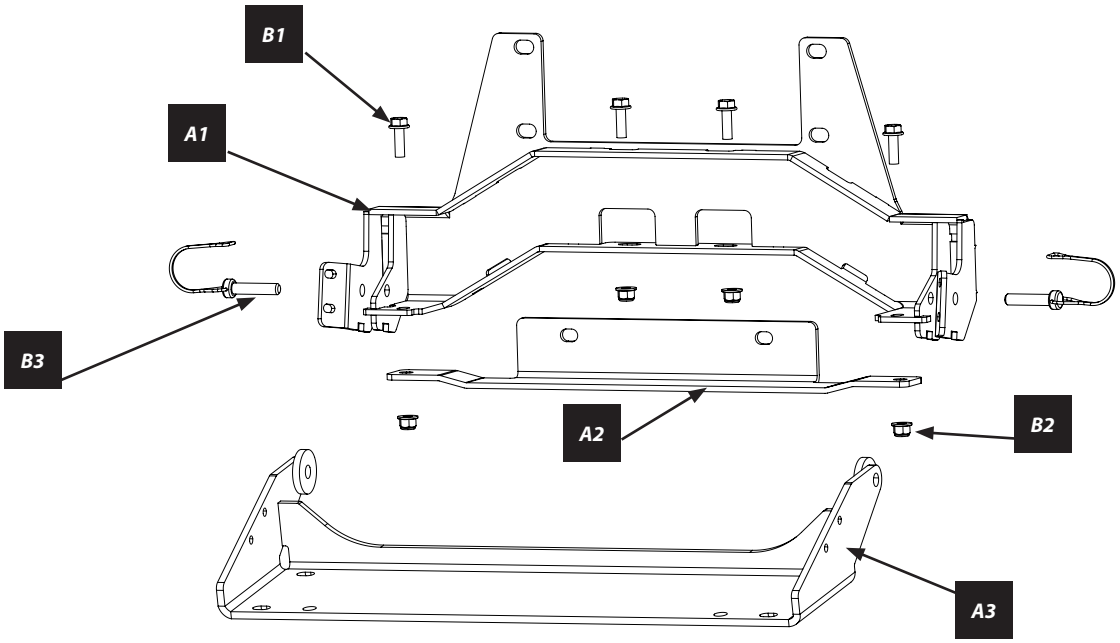
- Standard and Metric Wrenches
- Standard and Metric Sockets
- Extension sockets
- Torx wrench
- Small reciprocating saw/or small disk sander

PARTS LIST

ITEM	QTY	DESCRIPTION	PART NUMBER
A1	1	FRONT PLOW MOUNT	111314
A2	1	LOWER SUPPORT STRAP	111770
A3	1	PLOW FLANGE	110724

HARDWARE

ITEM	QTY	DESCRIPTION	PART NUMBER
B1	4	M8-1.25 X 25MM HEX BOLT	65970
B2	4	M8-1.25 LOCK NUT	71588
B3	2	3/8" X 1 3/8" PIN W/SAFETY RETAINER	35136



TORQUE SPECIFICATIONS

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

NOTICE: Torque does not apply to u-bolts.

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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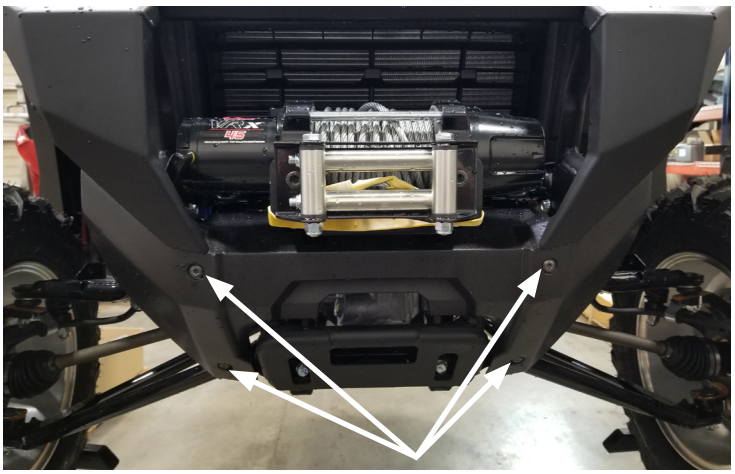
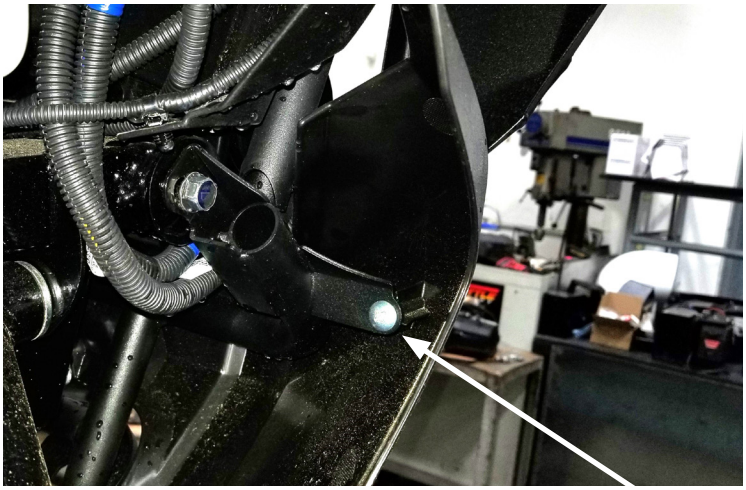
FOR KAWASAKI RIDGE MODEL BUMPER REMOVAL:

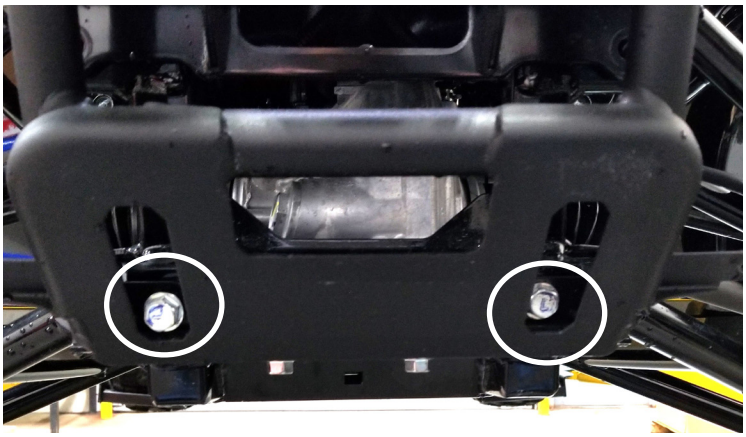
1. Remove the four torx head screws holding the vehicle's lower front plastic fascia.



2. Remove the two rear Phillips head screws (one on each side of the rear of the front plastic).



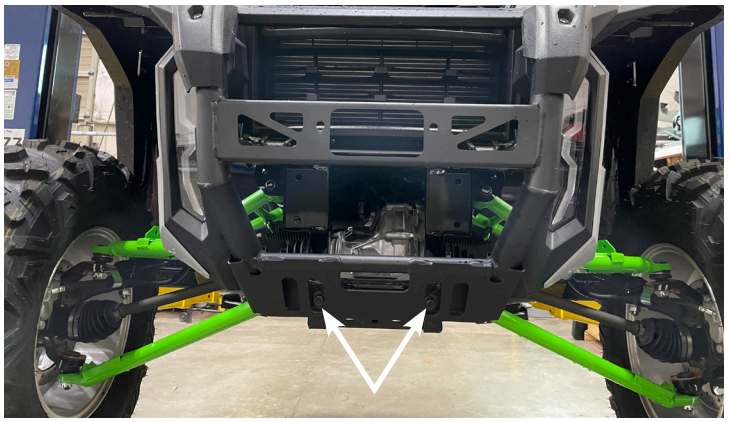
3. Carefully set plastic and hardware aside, as you will be reinstalling at the end of the plow mount installation.
4. Remove the two front lower bumper mounting bolts.



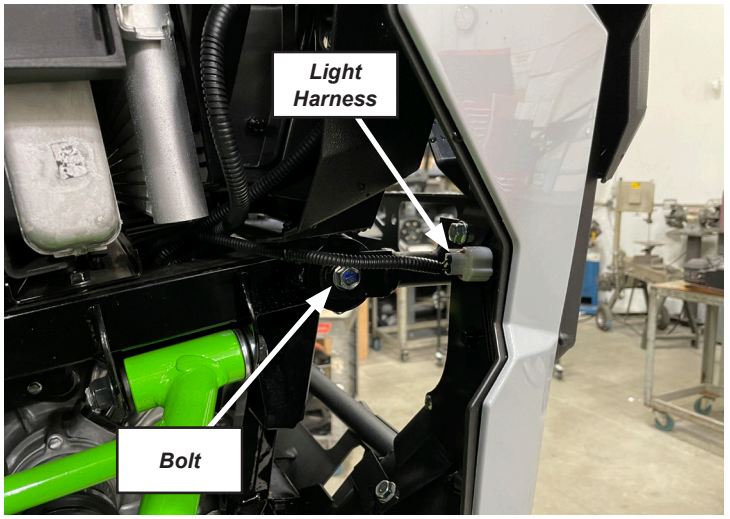
5. Remove the two side upper bumper mounting bolts (one on each side).

FOR KAWASAKI RIDGE XR MODEL BUMPER REMOVAL:

6. Remove the two lower bumper mounting bolts.



7. Unplug the light harness from the light (both sides).
8. Remove the side upper bumper mounting bolts.



9. Remove the bumper and carefully set aside.

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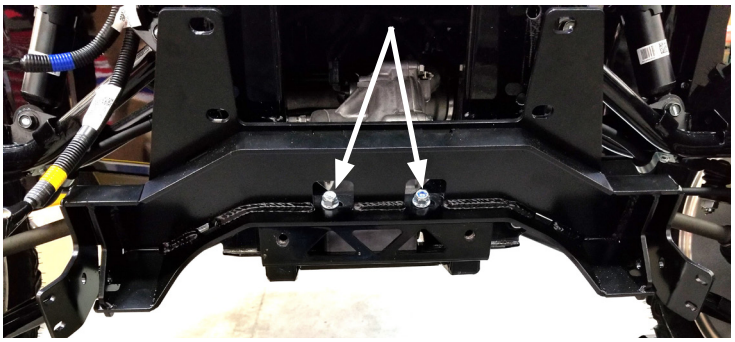
FOR KAWASAKI RIDGE AND KAWASAKI RIDGE XR

10. Position the plow mount (A1) on the front of the vehicle's frame.

11. Using a wrench to help feed and hold the bolts, go through the boxed tube of the vehicle frame and up through the mount and secure the plow mount to the frame with two M8 bolts (B1) and nylock nuts (B2). ***Do not tighten completely to allow for adjustment.***



12. ***FOR WARN WINCH MOUNT INSTALLATION:***

It is highly recommended to use a Warn winch mount. Please install the appropriate Warn winch mount onto your vehicle with your plow mount kit.

~ Kit PN111146 for Kawasaki Ridge

~ Kit PN111767 for Kawasaki Ridge XR

a. Locate your Warn winch mount, backing plate and winch kit hardware (all supplied in winch kit).

b. Insert one of the four longer bolts (M10x60mm) through one of the backing plate's holes and slide it between the front differential and vehicle frame.

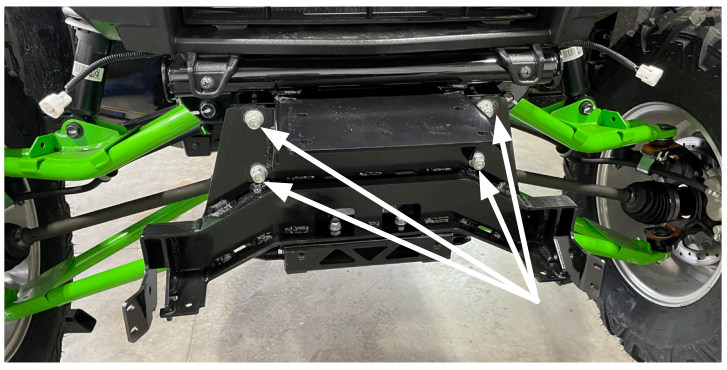
c. Align and feed the bolt through the frame and plow mount.

13. Place the Warn winch mount in front of the plow mount and align it using the bolt.

14. Loosely fasten the winch mount, plow mount, and backing plate to the vehicle using one of the lock nuts.

15. Install the remaining bolts into the backing plate and through the vehicle frame, plow mount and winch mount and loosely fasten them with the remaining lock nuts.

16. Once all hardware is in place and the mounts are aligned, fully tighten all M10 and M8 hardware.



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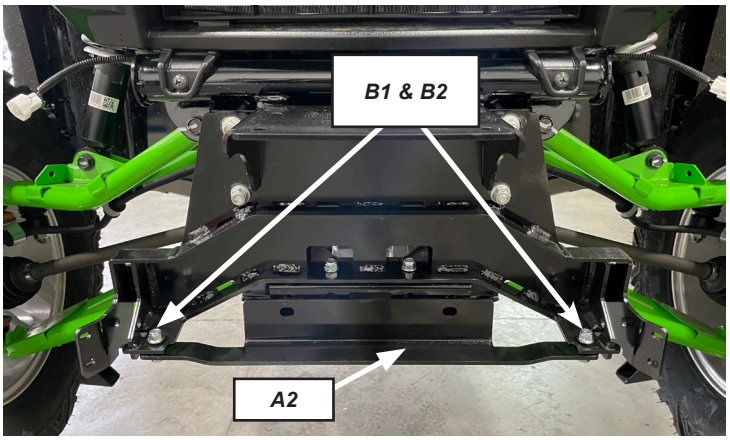
17. Tighten ALL hardware at this time per recommended torque.
18. Locate the lower support strap bracket (A2) and two M8 bolts (B1) and lock nuts (B2), provided in your plow mount kit.
19. Install the lower support strap bracket to the bottom of the plow mount.



20. Install your Warn winch onto your winch mount using the hardware provided in your winch kit.

NOTE: It is recommended to route and install the Warn Axon red and black or Warn VRX yellow and blue power cables at this time while the front of the vehicle is free of obstructions.

21. Install a plow roller. *TIP: We recommend buying a plow roller to add life to your winch rope.*

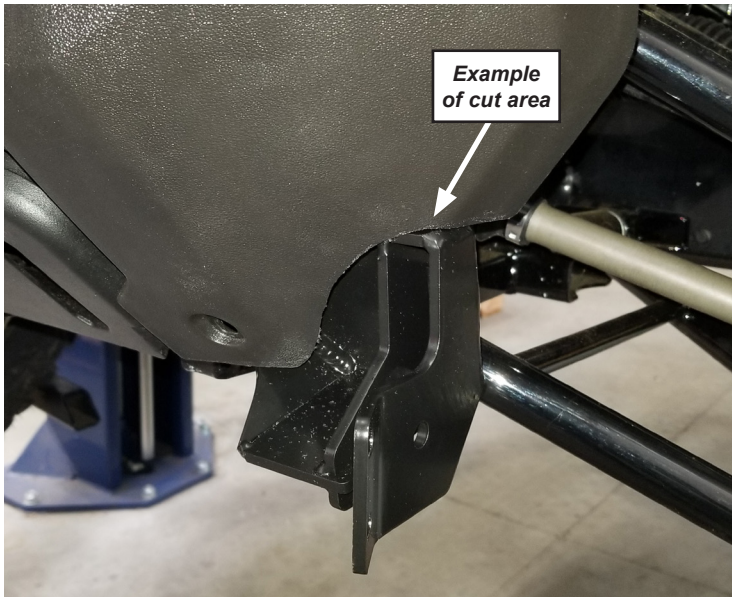
FOR KAWASAKI RIDGE MODEL BUMPER REINSTALL:

22. Reinstall the front lower metal bumper in the opposite order as disassembly.

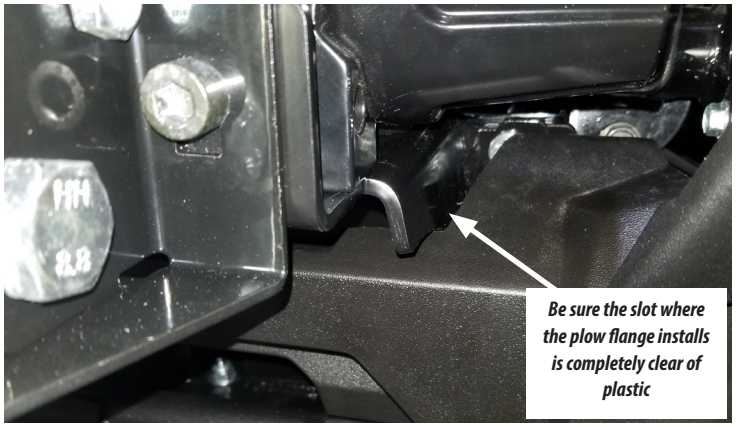
23. Trimming the front plastic will be necessary. Primarily the bottom corner of the plastic.

a. We recommend to position front plastic in place (without installing) and mark where it interferes with the plow mount.

b. Place plastic on a flat, level surface. Carefully cut a small section at a time, and continuously fit up to measure fit.



NOTE: You may also need to trim the top of the plastic, where it slides in next to the winch mount.



c. Once plastic fits without interfering with the plow and/or winch mount and plow flange installation, re-install the four torx screws to secure the front plastic to the vehicle.

24. Confirm all hardware is tightened.

FOR KAWASAKI RIDGE XR MODEL BUMPER REMOVAL:

25. Reinstall the front bumper in the opposite order as disassembly.
26. Confirm all hardware is tightened.

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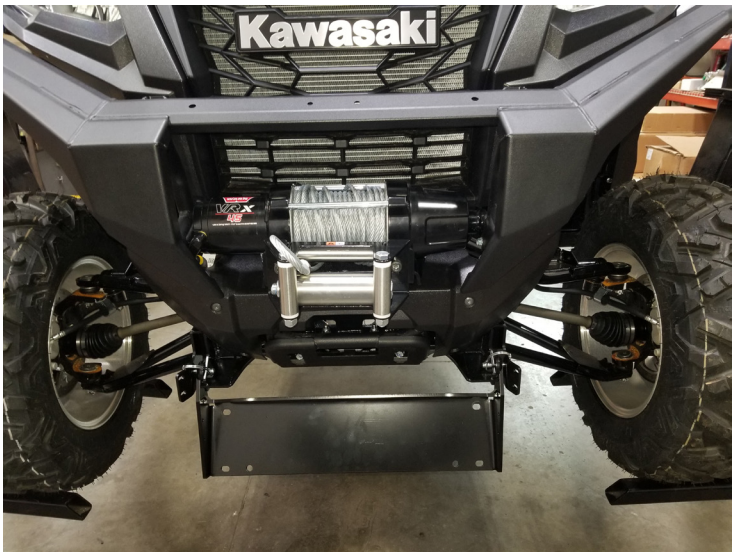
FOR KAWASAKI RIDGE AND KAWASAKI RIDGE XR

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

28. Install plow flange (A3) using the two safety bail pins (B3).



29. Install hook/hook strap combo to rope using clevis and cotter pin.
30. Finish winch wiring per your winch installation instructions.
31. With the plow mount installation complete, the Push Tube Kit and Plow Blade Kit (sold separately) can now be installed.

MAINTENANCE / CARE

- Inspect all metal parts on the plow, plow mount, and related hardware prior to each use. Replace all parts that appear rusted or deformed.
- Inspect all nuts and bolts on the plow, plow mount, and related hardware prior to each use. Tighten all nuts and bolts that appear to be loose. Stripped, fractured, or bent bolts or nuts must be replaced.
- Check all cables prior to use. Replace cables that are worn or frayed.
- Check all moving and rotating parts. Remove debris that may inhibit the part from moving freely.
- See Warn Plow Operators Guide for more information.

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