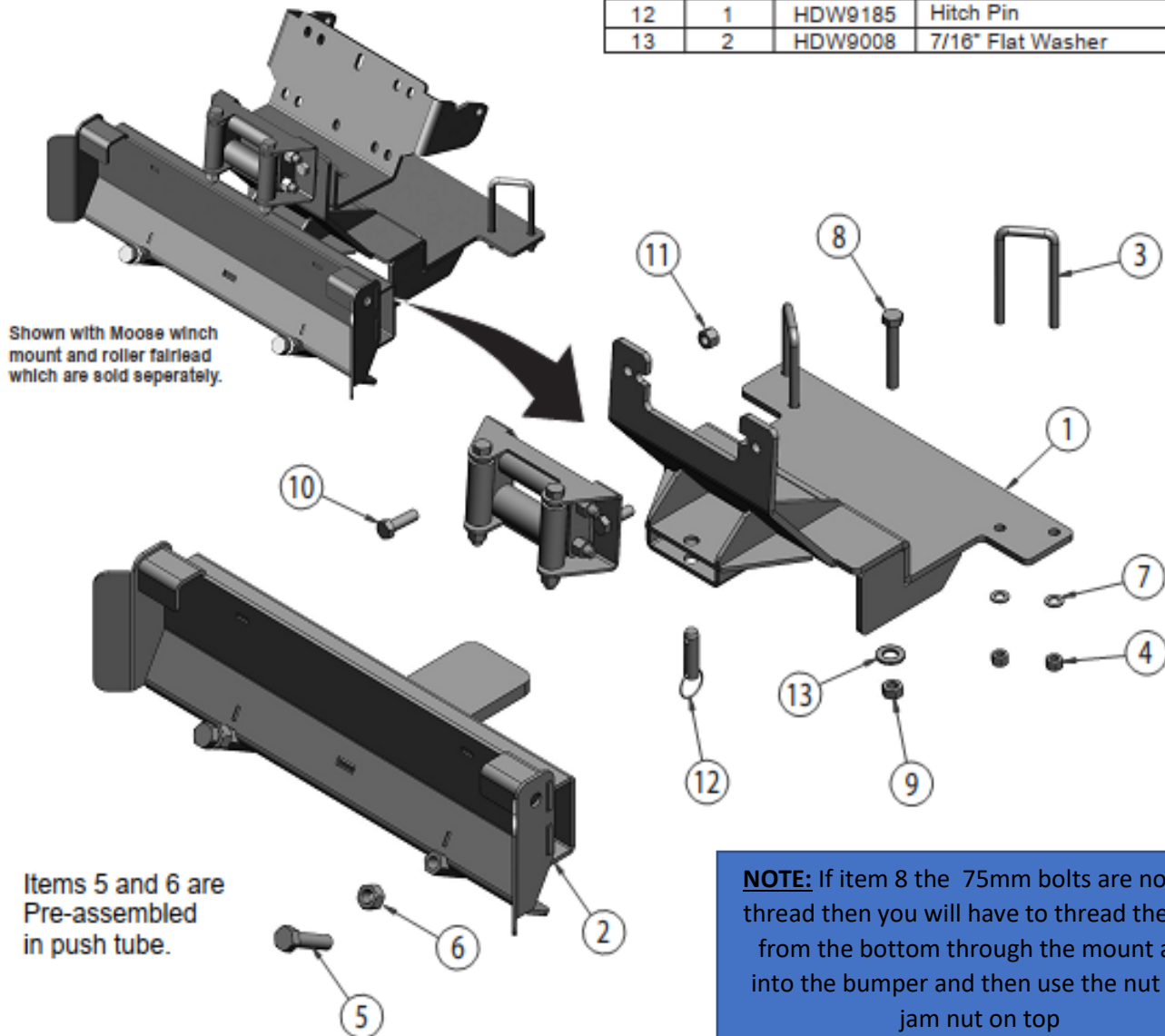




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Ref.	Qty.	Part#	Description
1	1	2496-100	Permanent Mount
2	1	KD200	Removable Mount
3	2	HDW2073	5/16" x 1-1/2" x 3-1/2" U-Bolt
4	4	HDW7058	5/16" Nylock Nut
5	2	in push tube	1/2" x 2" Hex Bolt
6	2	in push tube	1/2" Nut
7	4	HDW9002	5/16" Flat Washer
8	2	HDW1039	M10 x 75mm Hex Bolt
9	2	HDW1040	M10 Nylock Nut
10	2	HDW2100	3/8" x 1" Hex Bolt
11	2	HDW7080	3/8" Whiz Nut
12	1	HDW9185	Hitch Pin
13	2	HDW9008	7/16" Flat Washer



NOTE: If item 8 the 75mm bolts are not full thread then you will have to thread them in from the bottom through the mount and into the bumper and then use the nut as a jam nut on top

WARNING!

THIS MOUNT KIT IS DESIGNED TO WITHSTAND NORMAL PLOWING FORCES AT A MAXIMUM SPEED OF 5 MPH. EXCESSIVE PLOWING SPEED OR IMPACTING IMMOVABLE OBJECTS MAY DAMAGE THE PLOW, MACHINE, OR OPERATOR AND WILL NOT BE WARRANTED. THIS PLOW SYSTEM IS COVERED BY A ONE YEAR WARRANTY FROM DEFECTS IN MANUFACTURING. PLEASE CONTACT THE MANUFACTURER AT THE NUMBER LISTED BELOW FOR ANY POSSIBLE WARRANTY CLAIMS. BENT OR BROKEN COMPONENTS FROM ABUSE OR EXCESSIVE SPEED WILL NOT BE WARRANTED.



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Place the u-bolts over the frame tubes just behind the front a-arm mounts.



Install the included M10 bolts down through the bumper and frame.



Loosely bolt the bottom of the RM4 mount in place.

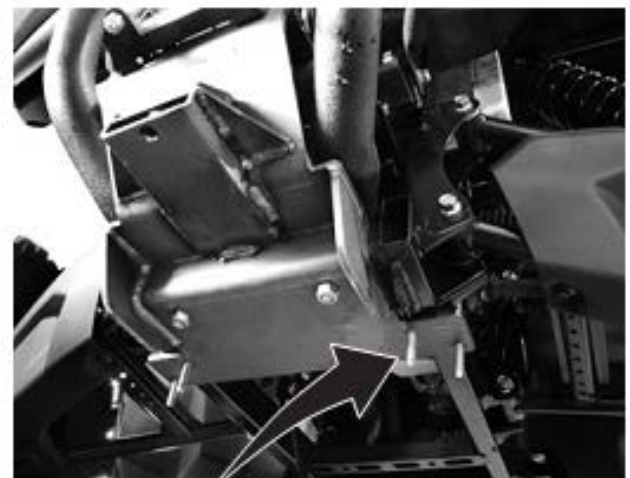


Line up the holes for the roller fairlead and install your fairlead through both plates.



Cut here.

Cut off the front portion of the skidplate. Mark and drill holes for the u-bolts to drop down through.



Cut off the front of the skidplate and drill holes to mount it over the u-bolts.



RM4 Plow Mount Installation Instructions

2014-18 Yamaha Viking

15-16 Yamaha Viking-6

Part Number: 4501-0788

The RM4 Mount kit is a two piece design to allow for quick removal when not needed for plowing. The retractable pins on the push tube that extend into either side of the mount are to keep the plow in place on the machine and do not take the plowing force, they just hold the plow in position. See below for installation instructions of the mount kit.

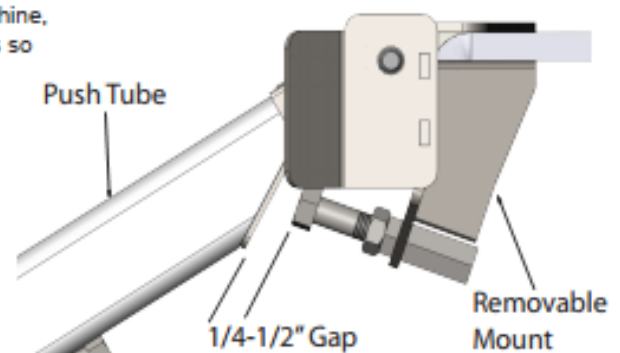
NOTE: This RM4 mount will fit with the Moose winch mount kit and the Yamaha winch mount kits. If you are experiencing difficulties installing with another brand of winch mount we recommend purchasing a Moose winch mount.

NOTE: The pulley kit (Part #4501-0699) is recommended for easier raising/lowering of the plow system using your winch.

INSTALLATION:

1. Remove the front plastic skidplate. Install your winch and winch mount to the machine but do not install the roller fairlead.
2. Place the 2 square u-bolts (#3) over the main frame tubes about an inch behind the front a-arm frame bracket. See illustration for proper positioning.
3. Remove the two lower bumper bolts. Once removed install the included M10 x 75mm (#8) hex bolts all the way down through the frame bracket so they are protruding below the frame.
4. Put the RM4 mount (#1) on the machine lining up the u-bolts in the back and the long bumper bolts underneath. Loosely secure the back in place using the 5/16" flat washers (#7) and 5/16" nylock nuts (#4) over each u-bolt. Secure the two long bumper bolts with the 7/16" flat washers (#13) and M10 nylock nuts (#9).
5. The roller fairlead holes should be very close to matching the holes in your winch mount. Align them using a drift punch or screwdriver and loosely bolt the roller fairlead in place through both the RM4 mount and the winch mount using two 3/8" x 1" hex bolts (#10) and 3/8" whiz nuts (#11).
6. Once all bolts are in place and started you can tighten all the hardware. Cut off the excess threads from the u-bolts.
7. The front plastic skidplate can either be left off permanently or will need the front section removed for clearance with the RM4. Hold the rear of the skidplate in place and mark where to cut it just in FRONT of the U-bolts. You will use the u-bolts to hold the front of the skidplate on. Use a sharp knife, hacksaw, or other cutting tool to cut out the center section. Now mark and drill out the holes for the u-bolts to drop through. Remove the u-bolts nuts/washers, install the skidplate, and reinstall.
8. Locate the 1/2" bolts (#5) and 1/2" nuts (#6) in the push tube assembly. These are used as droop stops to keep the plow from dropping down too far. Thread them in about half way for now.
9. Slide the removable mount into the permanent mount and pin into place with the included hitch pin (#12). You can now install the blade and push tube to the mount.
10. Once the complete plow assembly has been installed on the machine, put the blade straight and on the ground. Adjust both droop stop bolts so there is 1/4" to 1/2" clearance between the bolt heads and the mount or push tube. Tighten the lock nuts.

NOTE: Failure to properly adjust the droop stop bolts can put excessive load on the mount, the machine, and winch. This may cause damage and will not be warranted. See illustration.



QUESTION OR COMMENTS CALL 320-964-1616 Mon thru Thur 7:00 to 4:30 CST

