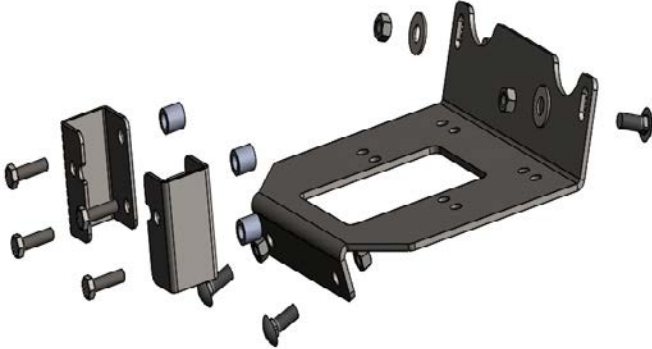




WINCH MOUNT INSTRUCTIONS
POLARIS RZR 900/1000/TURBO
 PART# 4505-0699



QTY.	PART#	DESCRIPTION
1	1631-1	Winch Mount Plate
1	1608-2	Right Fairlead Bracket
1	1608-3	Left Fairlead Bracket
4	HDW2122	3/8 x 1 Carriage Bolt
4	HDW7061	3/8 Nylock Nut
2	HDW9001	3/8 Flat Washer
4	HDW1061	8mm x 30mm Hex Bolt
4	HDW9406	5/8 x 5/8 Steel Spacer

Remove the front plastic cover over the fairlead opening.

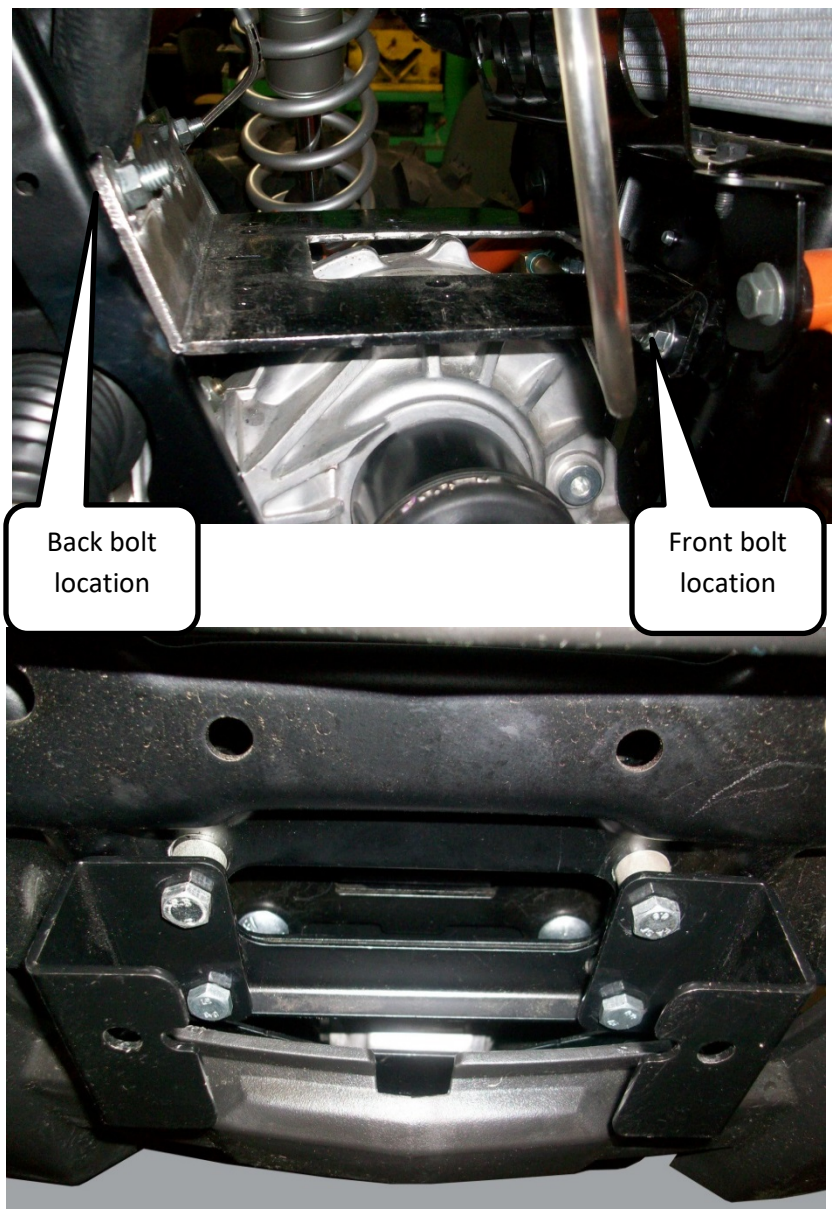
The mount will bolt to existing holes in machine. Slide mount into place as shown with the tall end toward the back of machine going upward. This will align with the square holes in the frame upright. Use the 3/8" x 1" carriage bolts, washers and nylock nuts to hold in place. Attach the front to the holes in the front cross member and secure with the remaining 3/8" x 1" carriage bolts and nylock nuts.

Attach the fairlead bracket to front cross member with the four steel spacers going between the front end and brackets. Use the four 8mm x 30mm hex bolts to secure bracket in place as illustrated.

NOTE: Some models will not require the spacer for the fairlead bracket.

Tighten all bolt securely.

Wire winch to winch manufacturer's instructions. Bolt fairlead in place with bolts provided with winch.



FOR QUESTIONS OR COMMENTS PLEASE CALL: 320-964-1616 (7:00 to 4:30 CST Monday through Thursday).

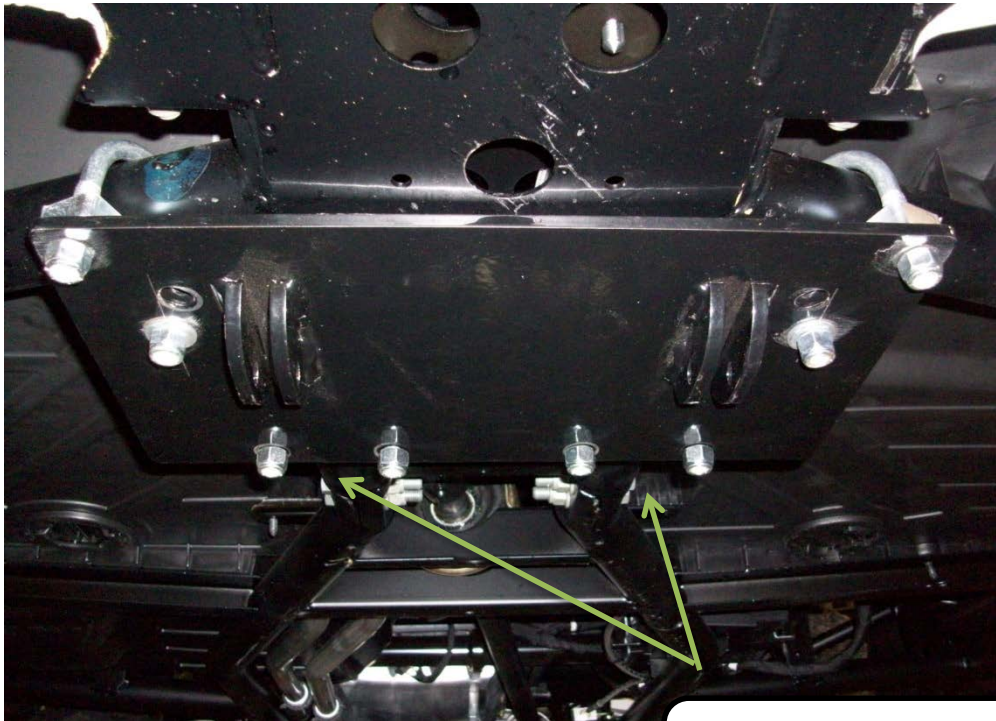
INST1631PF

BOTTOM MOUNT INSTALLATION INSTRUCTIONS

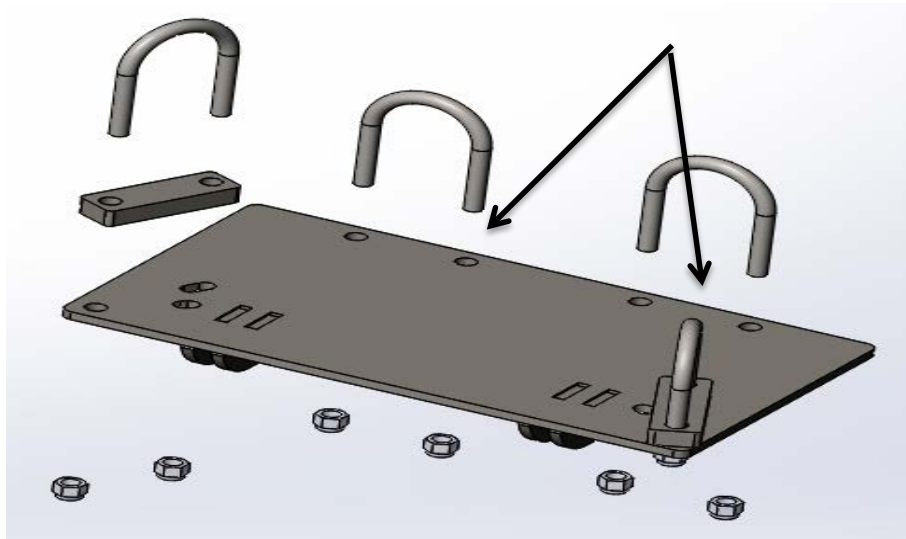
Some of the new models will have a larger angled frame tube and will require mounting the plate using all four of the 3/8" x 2"x 3" u-bolts. You will need to use the spacer blocks to accommodate for this. They go on at a slightly different angle as illustrated. Spacer blocks must go between frame tube and plow mount.

Align the mount plate and tighten the bolts securely.

You can mount over the skid plate, but you will have to line up the plate, mark the hole and drill through the skid plate for the u-bolts to hang through.



Spacer blocks HDW9424 may need to be used in this location on some models.



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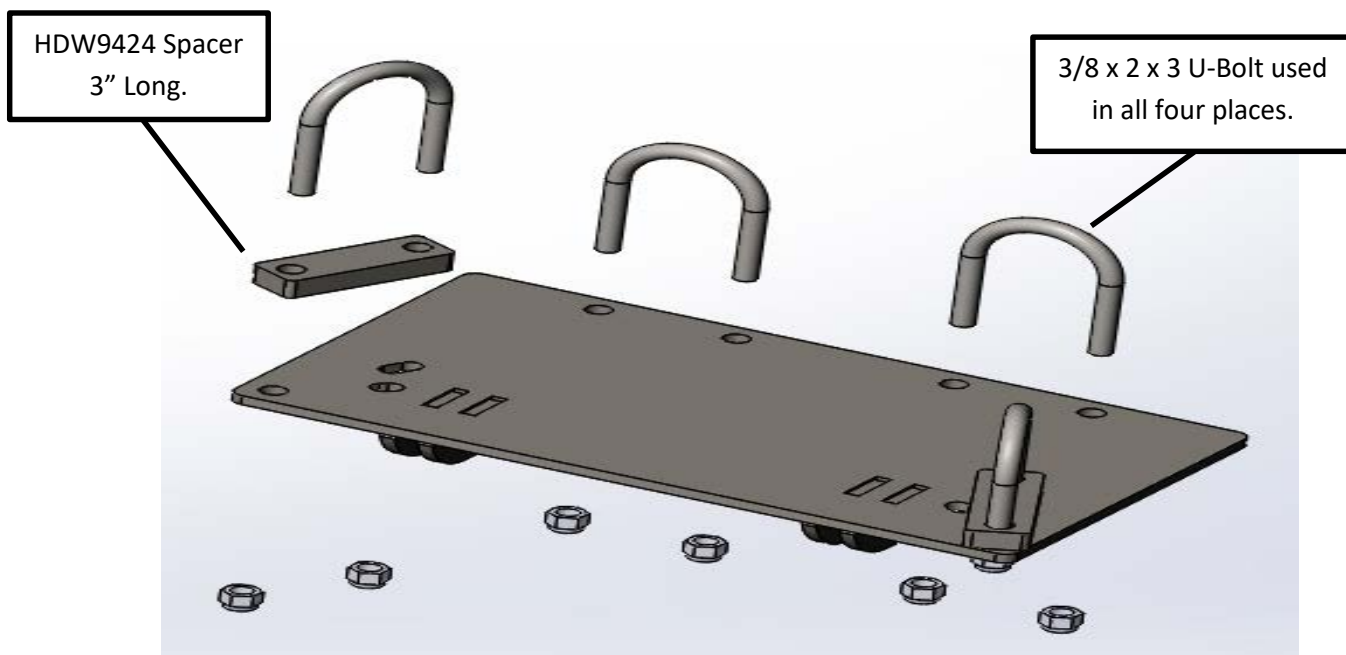
INST2818PF



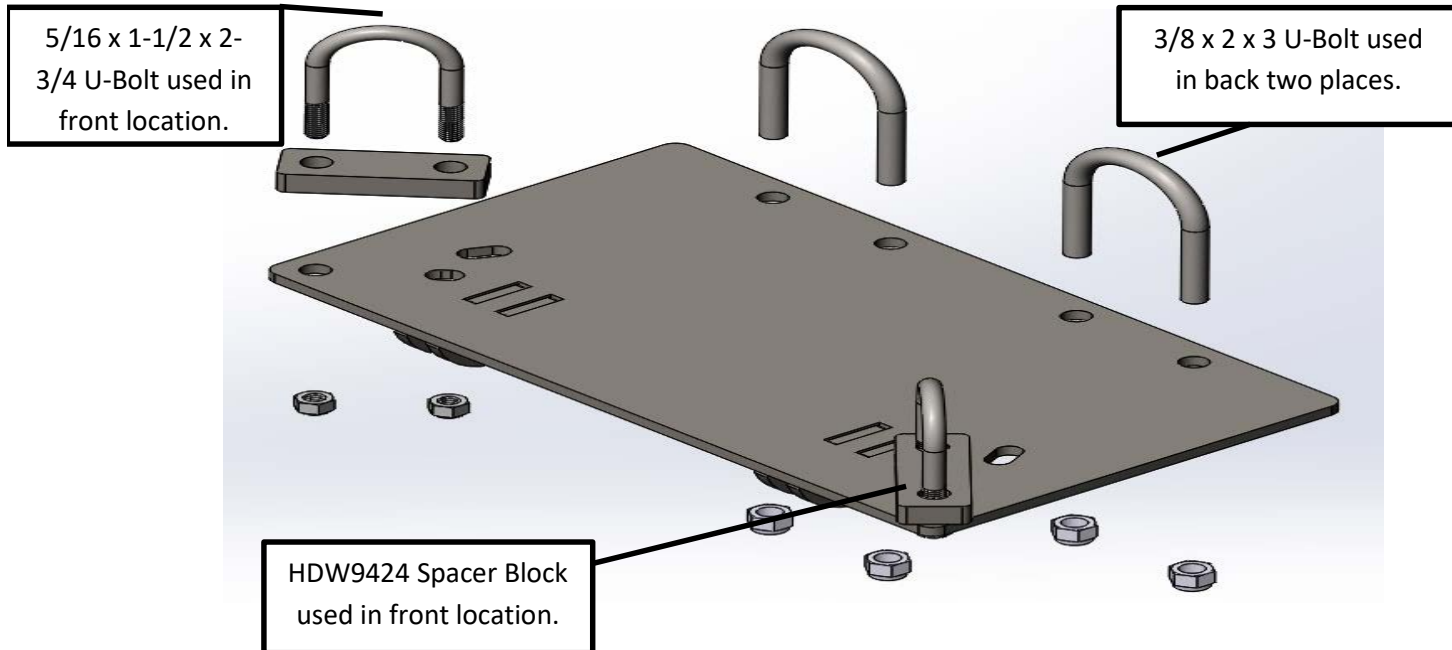
MOOSE PLOW MOUNT INSTALLATION INSTRUCTIONS
2015-2016 POLARIS RZR 900/900S/XC & 1000
2016 POLARIS GENERAL 1000
PART# 4501-0655

QTY.	PART#	DESCRIPTION
1	2818-100	Bottom Mount Plate
4	HDW9424	Spacer Blocks 1/2 x 3
4	HDW2145	3/8 x 2 x 3 U-Bolt
2	HDW9218	5/16 x 1-1/2 x 2-3/4 Rd. U-Bolt
8	HDW7061	3/8 Nylock Nut
4	HDW7058	5/16 Nylock Nut
2	HDW9001	3/8 Flat washer
4	HDW9002	5/16 Flat Washer

2016 Polaris General 1000 configuration



2015-2016 Polaris RZR 900/900S/XC 20014-2016 Polaris RZR 1000 Configuration



FOR QUESTIONS OR COMMENTS PLEASE CALL: 320-964-1616 (7:00 to 4:30 CST Monday through Thursday).

BOTTOM MOUNT INSTALLATION INSTRUCTIONS

POLARIS RZR 1000

1. Hang U-bolts over the main frame tubes as illustrated. The tabs on the mount go forward toward the front of the machine. **NOTE:** The bottom skid can either be removed for installation or can be drilled for the U-bolts to hang through.
2. On the front, use the 5/16 x 1-1/2 x 2-3/4 U-bolts over the angled frame tube where it meets up with the main frame tube as shown. Place two of the 3/8 x 2 x 3 U-bolts over the main frame tube by the cross member as shown. Install the mount plate over the U-bolts making sure to use the spacer blocks between the mount and frame on the front set of U-bolts. Secure in place with the correct size nylock nuts and washer for each pair of U-bolts. Align and tighten. Re-tighten after the first couple of uses to make sure all is secure.



U-bolt placement on the frame tubes.

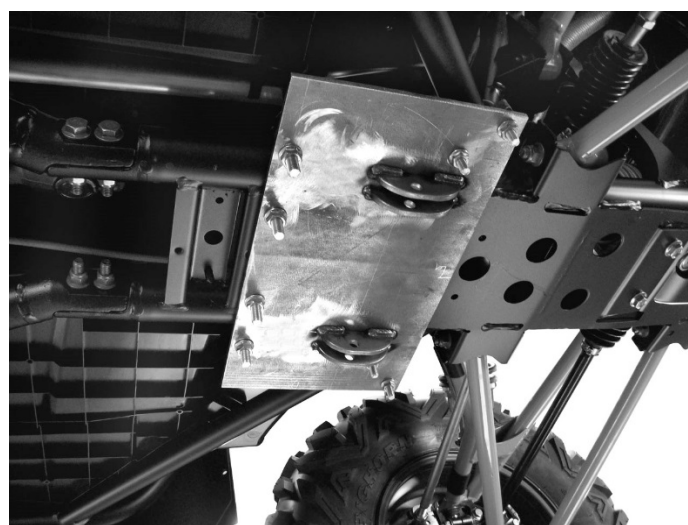


Install spacer between mount and frame.



Place the over the U-bolts and secure with washers and nylock nuts.

2019 Model has a new full skid plate and will need to be drilled for bolt location and placement unless you want to leave off for snow plowing and replace for regular use.



Complete installation shown here.

FOR QUESTIONS OR COMMENTS PLEASE CALL: 320-964-1616 (7:00 to 4:30 CST Monday through Thursday).

INST2818PF



MOOSE UNIVERSAL HEAVY DUTY UTV PUSH TUBE

BLADE HARDWARE MOUNTING INSTRUCTIONS

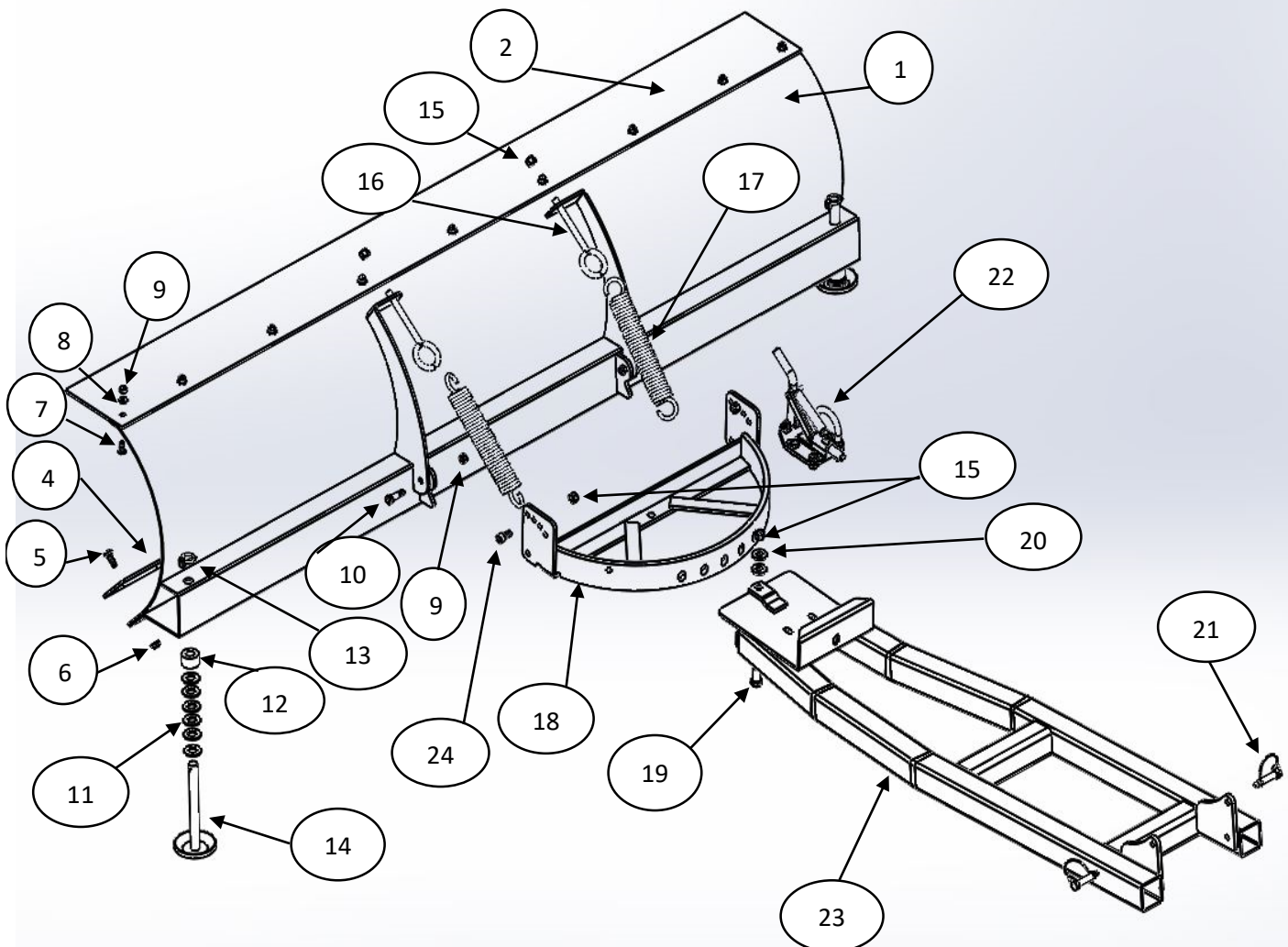
PART# 4501-0761

**CUSTOMER MUST RECEIVE A COPY OF THIS
INSTRUCTION SHEET AT TIME OF PURCHASE.**

INST2709PF

Shaded items are pre-assembled with the
snowplow blade.

ITEM	PART#	QTY.	DESCRIPTION
1		1	Blade 66", 72"
2		1	Rubber Flap 66", 72"
4		1	Wear Bar 66", 72"
5	HDW2064	9	5/16 x 1 Carriage Bolt
6	HDW7056	9	5/16 Serrated Flange Nut
7	HDW2069	9	5/16 x 3/4 Carriage Bolt
8	HDW9003	9	5/16 Flat Washer
9	HDW7058	11	5/16 Nylock Nut
10	HDW2161	2	3/8 x 3/4 Shoulder Bolt
11	HDW9005	12	5/8 Flat Washer
12	HDW2356	2	3/4 Rubber Spacer
13	HDW2315	2	3/16 x 1-1/4 Lynch Pin
14	2550	2	Blade Skid
15	HDW7061	5	3/8 Nylock Nut
16	HDW2117	2	3/8 x 6 Eye Bolts
17	HDW2369	2	Blade Spring
18	KD60	1	Blade Swivel
19	HDW2160	1	1/2 x 1 Shoulder Bolt
20	HDW9025	2	1/2 Flat Washer
21	HDW2323	2	3/8 x 1-1/2 Wire Loop Pin
22	KD64	1	Blade Position Pin Assembly
23	2709-100	1	Push Tube Weldment
24	HDW93303	2	3/8 x 3/4 Socket Head Bolt



Install the blade swivel to the front of the push tubes using the 1/2" x 1" shoulder bolt, two 1/2" washers and one 3/8" nylock nut. Make sure swivel still turns after tightening (you may only need one washer).

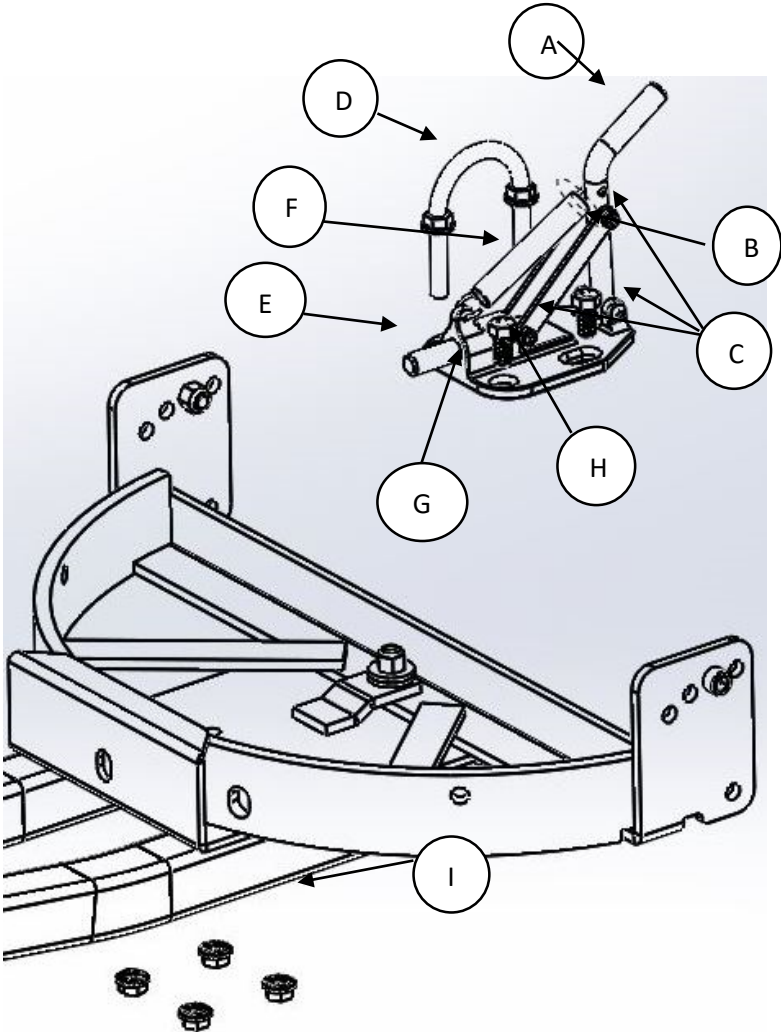
Install the KD64 blade position pin assembly to push tube by removing the nuts from the bottom and placing on top of push tube with pin going through the swivel and push tube bracket. Align holes and secure with nuts previously removed. The U-bolt on the position pin assembly is where you hook your cable winch to.

Hook the blade to the swivel by removing the shoulder bolts on the back of the blade and sliding swivel in place between the blade arc and tab on back of blade. Bolt using the bottom holes and tighten. Use the 3/8" x 3/4" socket head bolt and 3/8" nylock nuts for the blade stop in the top set of holes (start in the second hole back hole).

Hook your blade springs to the swivel in the small hole on the top edge of the half moon part. Use the 3/8" x 6" eye bolt to go from spring to arc on the back of blade. Secure with 3/8" nylock nuts and tighten so there is about 1" to 1 1/2" of thread shown (this is a starting point for spring tension).

The push tube will attach under the machine to the plow mount with the 3/8" x 1 1/2" wire loop pins. After all is attached, you may adjust the blade to get the skids to be level or tilted back slightly. You may adjust the skids by transferring washers from top to bottom or vise versa. Skids and wear bar should touch ground at same time (or to your discretion).

ITEM	PART#	QTY.	DESCRIPTION
A	KD64-3	1	Position Pin Handle
B	KD64-2	2	Position Pin Handle Straps
C	HDW2250	3	#8 x 1-1/2 Phillips Screw
	HDW7088	3	#8 Nylock Nuts (not visable)
D	HDW2145	1	3/8 x 2 x 3 Rd. U-Bolt
E	KD64-4	1	1/2 x 3-1/4 Position Pin
F	HDW2367	1	Position Pin Spring
G	KD64-1	1	Position Pin Bracket
H	HDW2106	2	3/8 x 3/4 Hex Bolts
I	HDW7060	6	3/8 Serrated Flange Nut



OPERATING INSTRUCTIONS*

READ BEFORE OPERATING

Customer must receive a copy of these instructions at time of purchase.

DANGER

Remove bottom mount and/or front mount before doing any trail riding.

To avoid serious injury and/or death:

1. Always use extreme caution while operating the plow on slopes, grades or slippery surfaces.
2. Stay clear of blade and other moving parts during operating the plow.
3. When plowing, never ram the pile of snow or frozen objects.
4. Always back up before raising the plow blade.
5. Beware of your area and avoid hitting frozen objects at all costs.

WARNING

To avoid personal or other injury:

1. Read your machine's operators manual.
2. Always wear safety apparel when operating machine such as: boots, gloves, helmet and eye protection. Never wear loose clothing.
3. Never allow passengers on machine while operating.
4. Always keep blade in the down position when not in use or when performing maintenance.

OPERATION

For Safe Operation:

1. The blade and plow mount system were designed with safety in mind to protect you and your machine. Certain parts are designed to fail when the system is over-stressed.
2. When adjusting the blade angle: make sure blade is off the ground slightly, lock blade and turn off machine. Always make sure the blade position pin is locked and the pin is all the way through the swivel.
3. Always double check the nuts and bolts to make sure everything is secure/tight.
4. Always know your surroundings and what you are plowing.
5. Never exceed more than 5 mph or (8 kph) when plowing.
6. Never hit or ram and large or frozen snowbanks.
7. When plow is not in use: lower it to the ground, turn off machine and lock the brake.
8. The plow system is only intended for snow and not to be used to move any other objects (especially any frozen objects).
9. This plow is not to be used for commercial purposes.
10. Make sure you are familiar with operating the machine/plow before doing so. Always read the operator's manual.

FOR QUESTIONS OR COMMENTS PLEASE CALL: 320-964-1616 (7:00 to 4:30 CST Monday through Thursday).



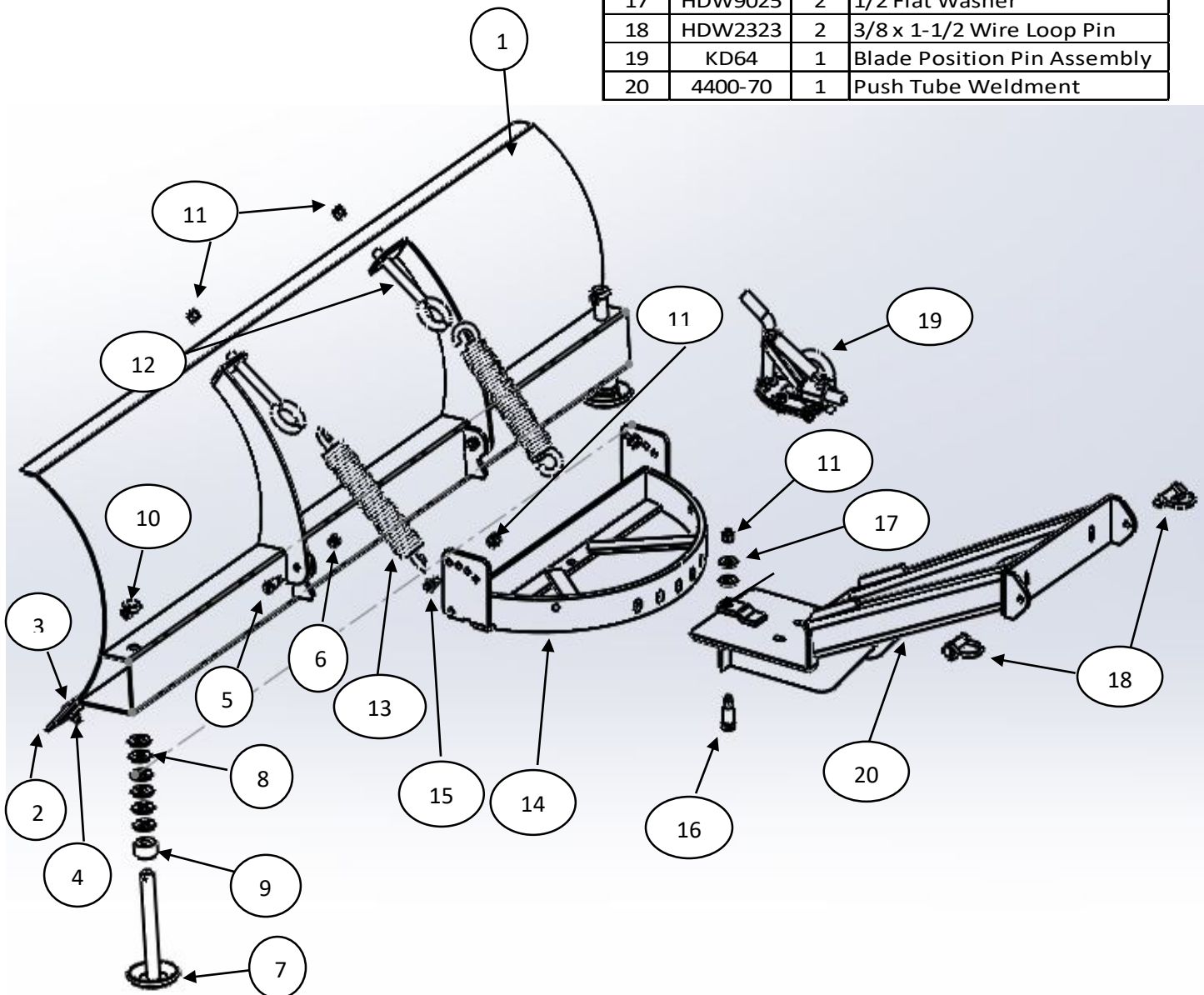
MOOSE RM5 FRONT MOUNT PUSH TUBE BLADE HARDWARE MOUNTING INSTRUCTIONS

PART# 4501-0849

**CUSTOMER MUST RECEIVE A COPY OF THIS
INSTRUCTION SHEET AT TIME OF PURCHASE**

Shaded items are pre-assembled with the
Snow plow blade

ITEM	PART#	QTY.	DESCRIPTION
1		1	Blade 42", 50", 55", 60"
2		1	Wear Bar 42", 50", 55", 60"
3	HDW2064	7	5/16 x 1 Carriage Bolt
4	HDW7056	7	5/16 Serrated Flange Nut
5	HDW2161	2	3/8 x 3/4 Shoulder Bolt
6	HDW7058	2	5/16 Nylock Nut
7	2550	2	Blade Skid
8	HDW9005	12	5/8 Flat Washer
9	HDW2356	2	3/4 Rubber Spacer
10	HDW2315	2	3/16 x 1-1/4 Lynch Pin
11	HDW7061	5	3/8 Nylock Nut
12	HDW2117	2	3/8 x 6 Eye Bolt
13	HDW2369	2	Blade Spring
14	KD60	1	Blade Swivel
15	HDW93303	2	3/8 x 3/4 Socket Head Bolt
16	HDW2160	1	1/2 x 1 Shoulder Bolt
17	HDW9025	2	1/2 Flat Washer
18	HDW2323	2	3/8 x 1-1/2 Wire Loop Pin
19	KD64	1	Blade Position Pin Assembly
20	4400-70	1	Push Tube Weldment



Install the blade swivel onto the front of the push tubes using the 1/2" x 1" shoulder bolt, two 1/2" washers and one 3/8" nylock nut. Make sure swivel still turns after tightening, you may only need one washer.

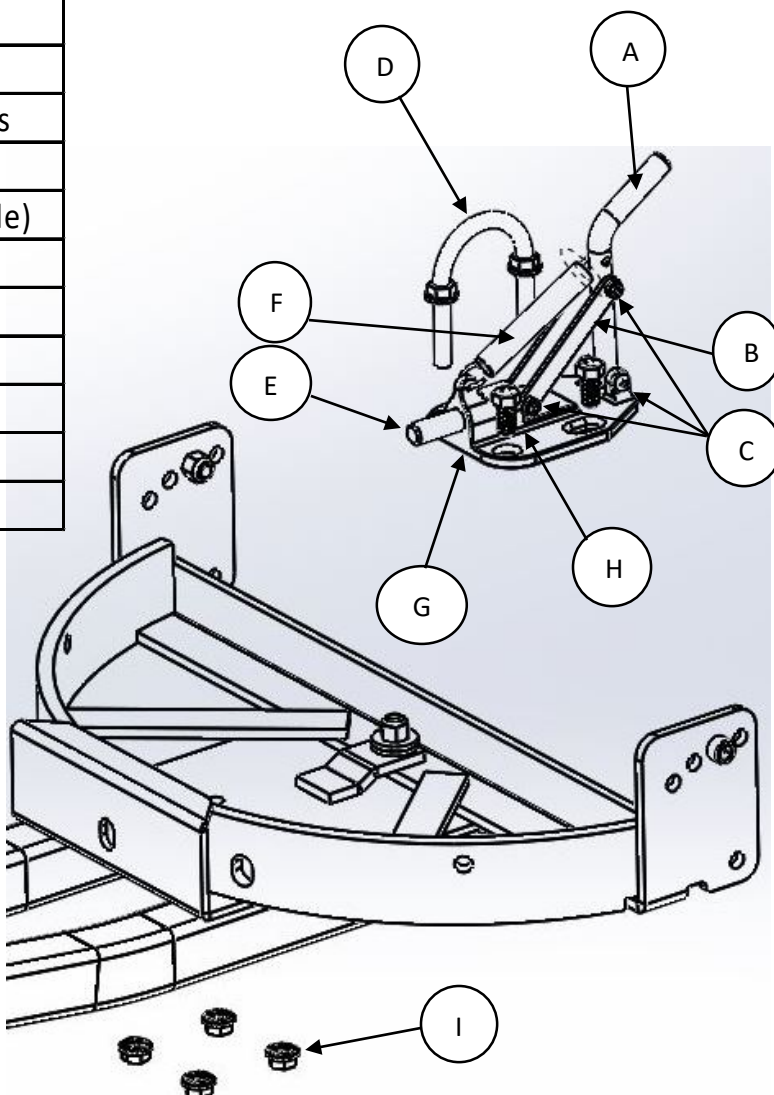
Install the KD64 blade position pin assembly to push tube by removing the nuts from the bottom and place on top of push tube with pin going through the swivel and push tube bracket, align holes and secure with nuts you removed. The U-bolt on the position pin assembly it to hook you winch cable to.

Hook the blade to the swivel by removing the shoulder bolts on the back of the blade and slide swivel in place between the blade arc and tab on back of blade and bolt up using the bottom holes and tighten. Use the 3/8" x 3/4" socket head bolt and 3/8" nylock nut for the blade stop in the top set of holes. (Start in the second hole back hole)

Hook you blade springs up to the swivel in the small hole on the top edge of the half moon part. Use the 3/8" x 6" eye bolt to go from spring to arc on the back of blade and secure with 3/8" nylock nut and tighten down so there is about 1" to 1-1/2" of thread shown (This is a starting point for spring tension)

The push tube will attach to the plow mount with the 3/8" x 1- 1/2" wire loop pins. After all is attached you may then adjust the blade to get the skids to be level or tilted back just a little. You may adjust the skids by transferring washers form top to bottom or vise versa. Skids and wear bar should touch ground at same time or to your discretion.

ITEM	PART#	QTY.	DESCRIPTION
A	KD64-3	1	Position Pin Handle
B	KD64-2	2	Position Pin Handle Straps
C	HDW2250	3	#8 x 1-1/2 Phillips Screw
	HDW7088	3	#8 Nylock Nuts (not visable)
D	HDW2145	1	3/8 x 2 x 3 Rd. U-Bolt
E	KD64-4	1	1/2 x 3-1/4 Position Pin
F	HDW2367	1	Position Pin Spring
G	KD64-1	1	Position Pin Bracket
H	HDW2106	2	3/8 x 3/4 Hex Bolts
I	HDW7060	6	3/8 Serrated Flange Nut



OPERATING INSTRUCTIONS

READ BEFORE OPERATING

Customer must receive a copy of these instructions at time of purchase

DANGER

Remove bottom mount and or front mount before doing any trail riding

To avoid serious injury and or death:

- 2 – Always use extreme caution while operating the plow on slopes, grades or slippery surfaces.
- 3 – Stay clear of blade and other moving parts during operating the plow.
- 4 – When plow never ram the pile of snow or frozen objects.
- 5 – Always back up before raising the plow blade.
- 6 – Beware of your area and avoid hitting frozen objects at all costs.

WARNING

To avoid personal or other injury:

- 1 – Read your machines operators manual.
- 2 – Always wear safety apparel when operating machine such as, Boots, Gloves, Helmet, Eye Protection and never wear loose clothing
- 3 – Never allow riders or passengers on machine while operating.
- 4 – Always make sure machine is off and brake is locked before making any adjustments to plow system
- 5 – Always keep blade in down position when not in use or when working on.

OPERATION

FOR SAFE OPERATION:

- 1 - The blade and plow mount system were designed with safety in mind to protect you and your machine, certain parts are designed to fail when the system is over stressed.
- 2 – When adjusting the blade angle make sure blade is off the ground a little and lock blade up and Turn off machine. Always make sure the blade position pin is locked in place and pin is all way Through the swivel.
- 3 – Always double check the nuts and bolts to make sure everything is secure and tight.
- 4 – Always know your surroundings and what you are plowing.
- 5 – Never exceed more than 5 mph or (8 kph) when plowing.
- 6 - Never have any passengers aboard machine while plowing.
- 7 - Always wear the proper gear and safety clothing when operating the plow system.
- 8 - Never hit or ram and large or frozen snow banks.
- 9 - When plow is not in use lower it to the ground and turn off machine and lock the brake.
- 10 – The plow system is only intended for snow and not to be used to move any other objects especially any frozen objects.
- 11 – This plow is not to be used for commercial use at all
- 12 – Make sure you are familiar with operating the machine and plow before doing so and always Read the operator's manual.