



WINCH MOUNT INSTALLATION INSTRUCTIONS
HONDA PIONEER 1000-5
PART# 4505-0702

PART#	QTY.	DESCRIPTION
1682-1	1	Winch Mount
HDW2050	2	5/16 x 3/4 Hex Bolt
HDW9002	2	5/16 Flat Washer
HDW7058	2	5/16 Nylock Nut
HDW1041	2	8mm Nylock Nut

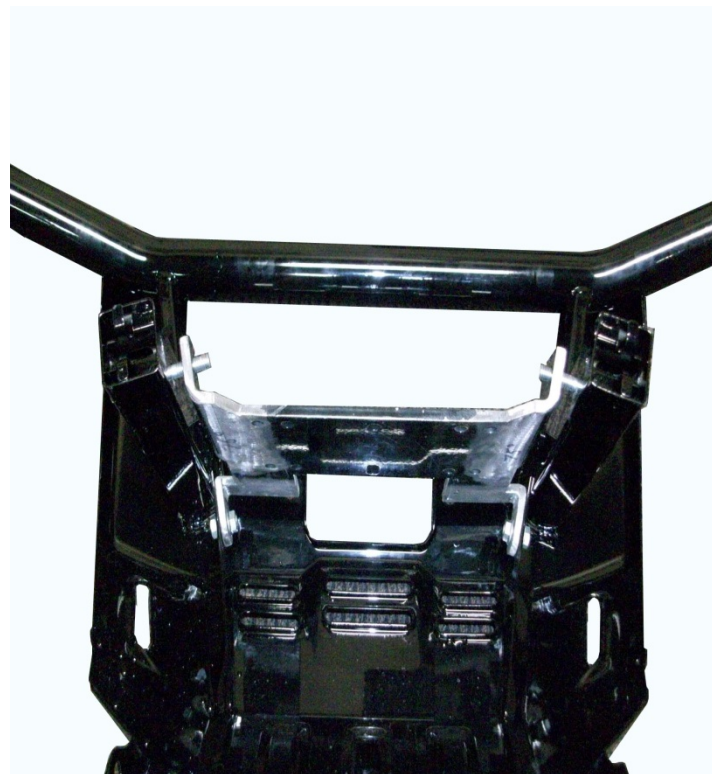
Remove the front bumper.

(NOTE: The machine only has a bolt pattern for a large fairlead that has a 6" bolt pattern. Winch will bolt on the bottom side of mount plate.)

First remove front bumper and attach winch mount to the front bumper. Bolt the front portion of the winch mount to the front bumper using the 5/16" x 3/4" hex bolts, washers and nylock nuts. Leave loose.

Place the rear portion up in place using the bolts previously removed. Place the bolt through the bumper tube frame holes and through winch mount. This aligns the winch mount. Tighten the front bolts. **(NOTE: At this point you may attach the winch.)**

Next remove the back bolt you put in to align the winch mount. Slide the bumper with winch mount in place carefully to keep winch mount in line. After bumper with winch mount is back in place, replace the front leg bolt going through the bumper leg. As you tighten it, it will go through the winch mount. Place nylock nuts on bolts and tighten. Repeat on other side. The back-bumper bolt will go back in place. Tighten. **(NOTE: To tighten nylock nuts on forward bolts it is easiest if you use a ratchet with long extension and swivel knuckle and reach in from opposite side.)**



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

INST1682PF



**HONDA PIONEER 1000-5 PLOW MOUNT
PART# 4501-0640**

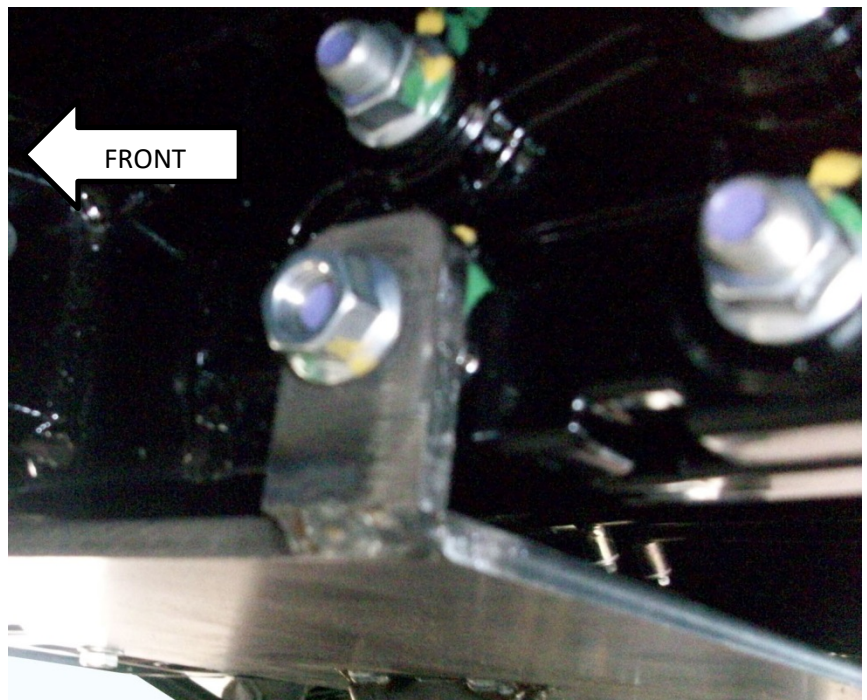
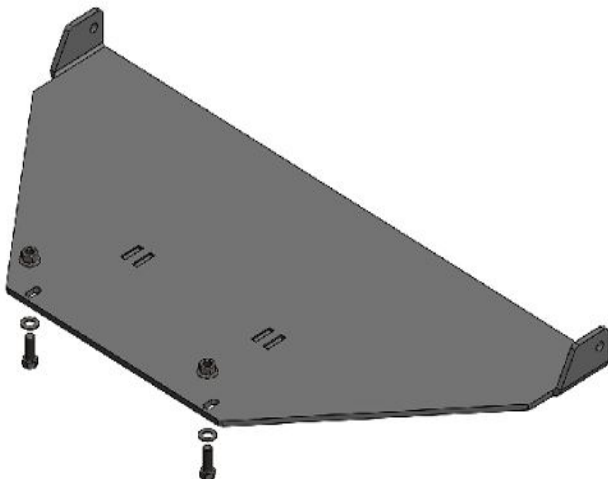
ITEM	PART#	QTY.	DESCRIPTION
1	2782-100	1	Plow Mount Weldment
2	HDW2100	2	3/8 x 1 Hex Bolts
3	HDW7060	2	3/8 Serrated Flange Nut
4	HDW9001	2	3/8 Flat Washer

Under the machine remove the front frame connector bolt where the plow will attach as shown in the lower picture.

Attach plow mount as shown with the bolt you removed. Do not tighten at this time.

Swing plow mount up in front and attach the front portion aligning the holes in mount up with the holes in the frame tube. Use the 3/8 x 1 hex bolts with washers going up through the mount and into the frame and use the 3/8 wiz nut on the inside to secure down. Tighten all bolts securely.

Push tube will pin up to mount tabs with wire loop pins included with push tube kit.





RM5 PLOW MOUNT INSTRUCTIONS
HONDA PIONEER 1000
PART# 4501-0866

ITEM	PART#	QTY.	DESCRIPTION
1	4490-70	1	RM5 Plow Mount Plate
2	2490-3	2	Square Spacer Blocks
3	HDW1069	4	10mm-1.25 x 30mm Hex Bolt
4	HDW9008	4	7/16 SAE Flat Washer

Attach the plow mount to the bottom side of the front of the machine. There will be 4 threaded holes on the bottom front of the machine, these are threaded holes.

You will use the 4 – 10mmx 30mm hex bolt with washers to mount up to the threaded holes.

NOTE: the far back bolt will require the ¼” square spacer to go between the mount and machine as shown in bottom picture.



Once you have all 4 bolts started then tighten them up securely.

Please note on a high you can lift your plow and then do not over lift as this may cause damage to plow and or machine.

Push tube will pin up with the wire loop pins that came with the push tube kit.



Question or Comments Call 320-964-1616 Mon. thru Thur. 7:00 to 4:30 CST

INST4490PF



MOOSE UNIVERSAL HEAVY DUTY UTV PUSH TUBE

BLADE HARDWARE MOUNTING INSTRUCTIONS

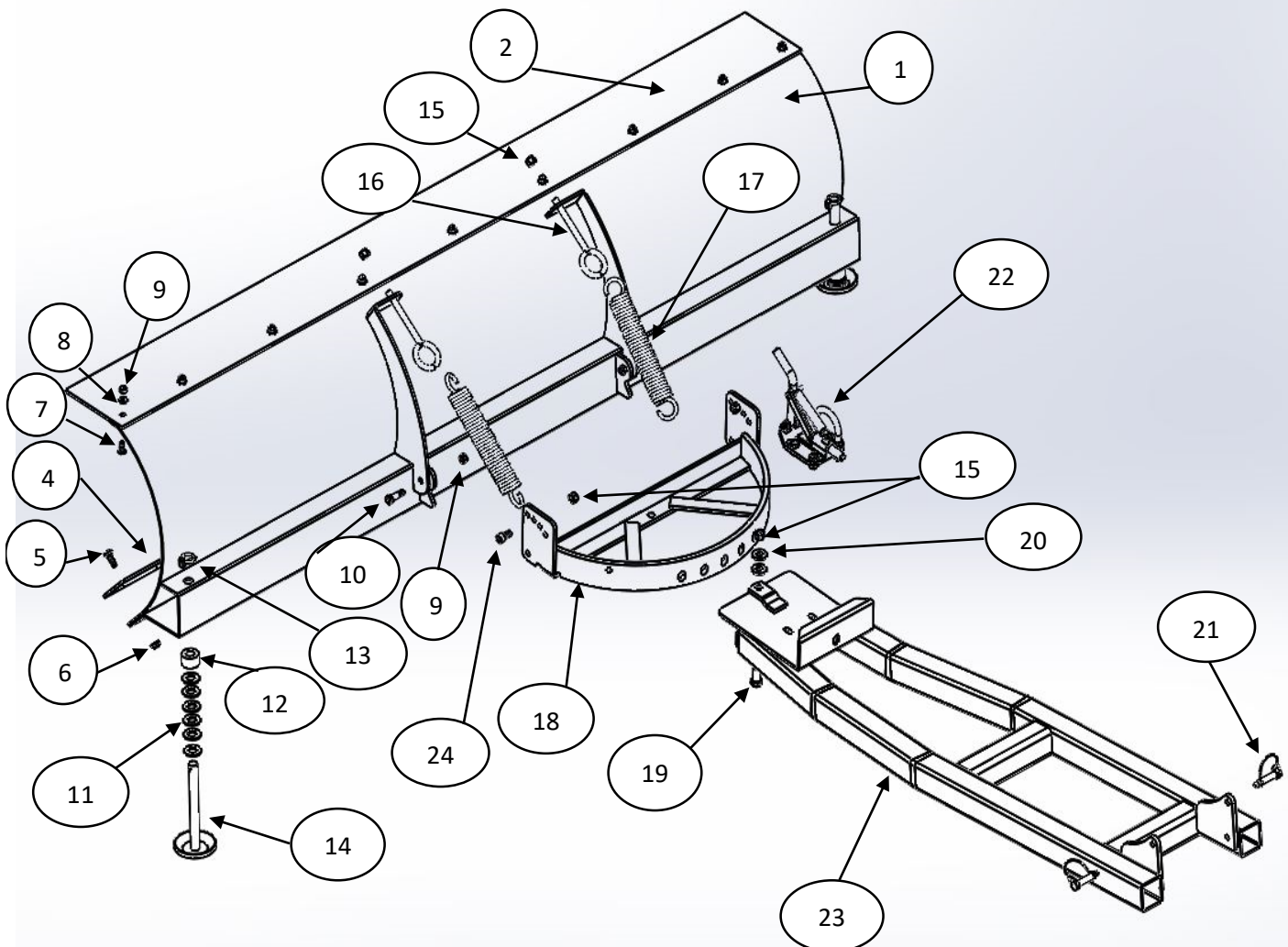
PART# 4501-0761

**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).

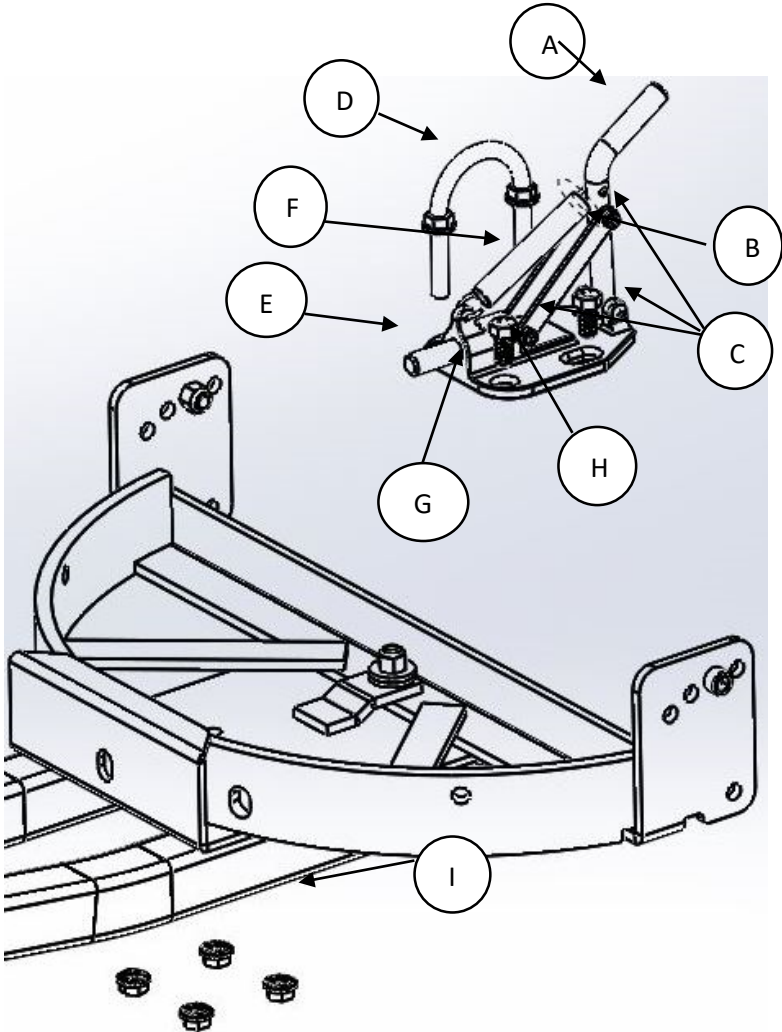
Install the KD64 blade position pin assembly to push tube by removing the nuts from the bottom and placing on top of push tube with pin going through the swivel and push tube bracket. Align holes and secure with nuts previously removed. The U-bolt on the position pin assembly is where you hook your cable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



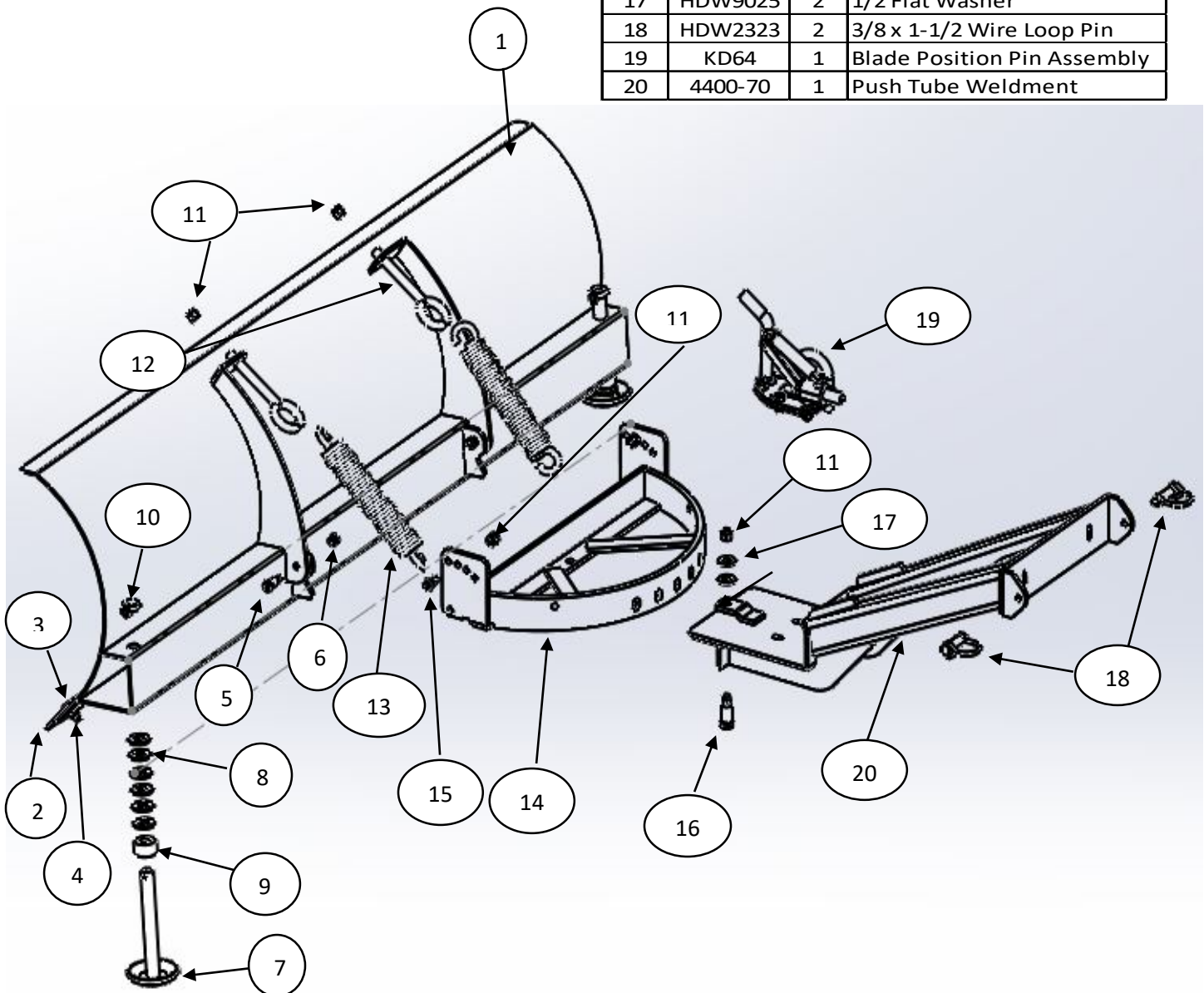
MOOSE RM5 FRONT MOUNT PUSH TUBE BLADE HARDWARE MOUNTING INSTRUCTIONS

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.

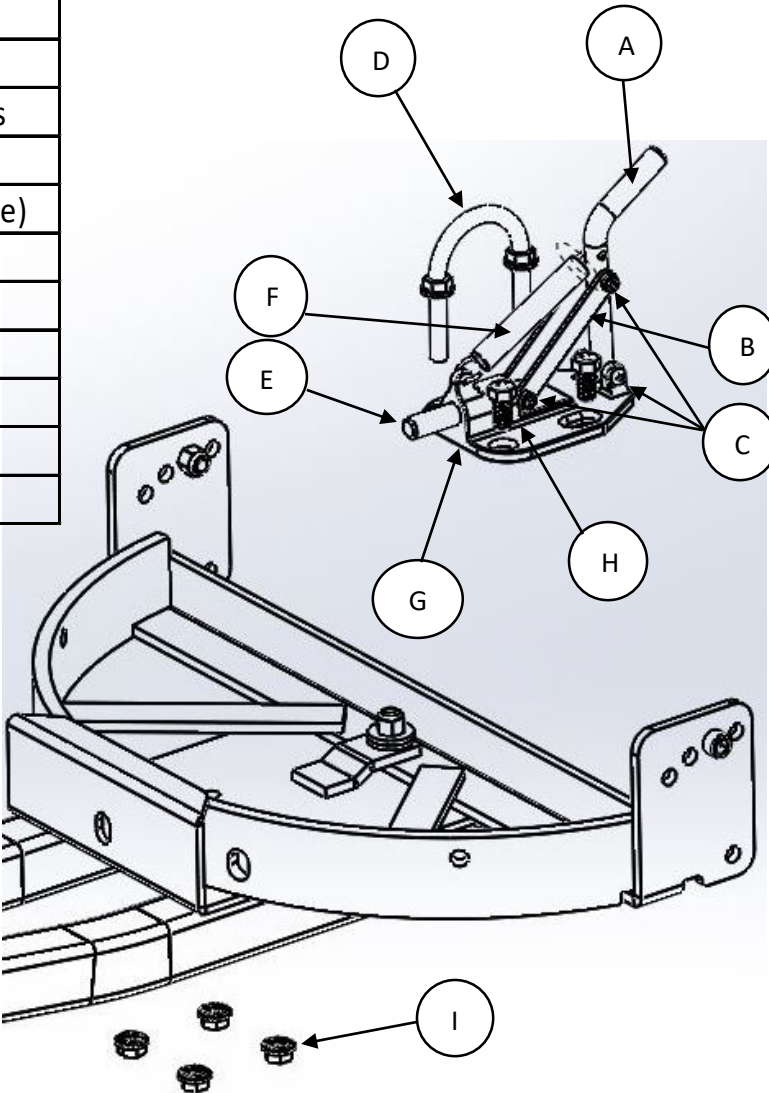
Install the KD64 blade position pin assembly to push tube by removing the nuts from the bottom and place on top of push tube with pin going through the swivel and push tube bracket, align holes and secure with nuts you removed. The U-bolt on the position pin assembly it to hook you winch cable to.

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
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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

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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.