



Winch Mount Installation Instructions Honda Pioneer

PART# 4505-0688

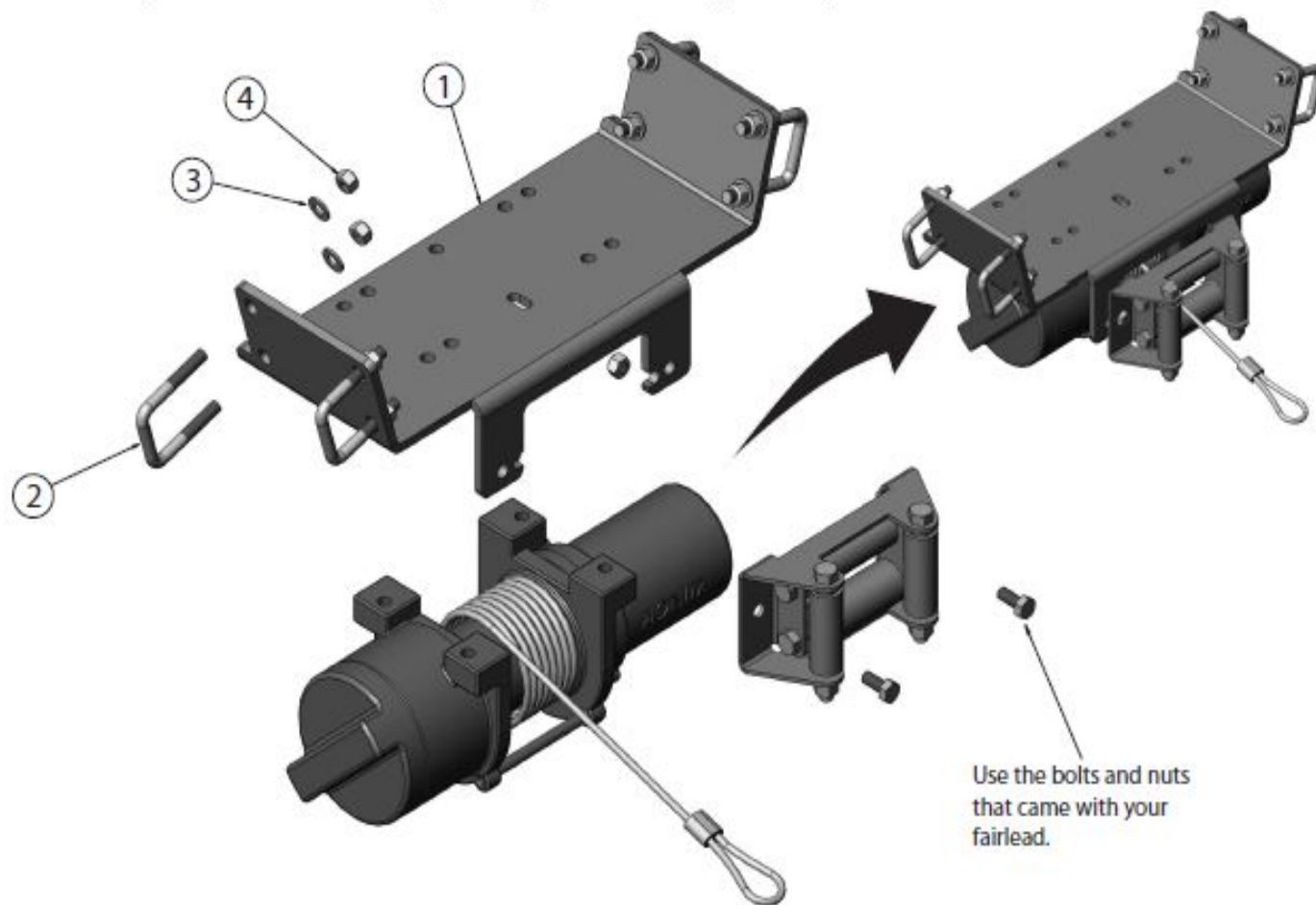
14-18 PIONEER 700 / 700-4 - - - 2017 PIONEER 700 Deluxe / 5

Ref.	Qty.	Part #	Description
1	1	1614-01	Winch Mount Plate
2	4	HDW2079	5/16" x 1-1/2" x 2-3/16" Sq. U-Bolts
3	8	HDW9002	5/16" Flat Washers
4	8	HDW7058	5/16" Nylock Nuts

NOTE: Roller fairlead not included with this kit!

INSTRUCTIONS:

1. Remove the steel front bumper assembly from the machine. Put the bumper on a workbench as you will be installing the winch to the inside of the bumper.
2. Slide the winch mount in place between the two main arms of the bumper. Make sure it is within 1" of the front of the bumper so the back of the mount does not interfere with re-installation of the bumper. The winch will hang upside down from the mount. Loosely install the mount to the bumper arms using four 5/16" u-bolts (#2), washers (#3), and nylock nuts (#4). Do not tighten yet.
3. There are multiple winch bolt patterns built into this mount to accommodate most winches. The winch will be placed on the mount upside down but with the cable still coming off the bottom of the drum. Using the bolts that came with your winch, loosely bolt the winch to the bottom of the mount plate.
4. Take the bumper and winch assembly and position it back into place on the machine. Tighten all the bolts for the bumper. Now slide the winch mount back until it butts up against the machine side bumper tubes. You can now tighten all the winch and winch mount hardware.
5. The winch mount has two sets of bolt holes to fit most roller fairleads or aluminum haswe's. Use whichever pattern lines up with your fairlead or hawse. Bolt in place using the hardware supplied with your fairlead.



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



PLOW MOUNT INSTRUCTIONS
HONDA PIONEER 700 and 700-4

PART# 4501-0644

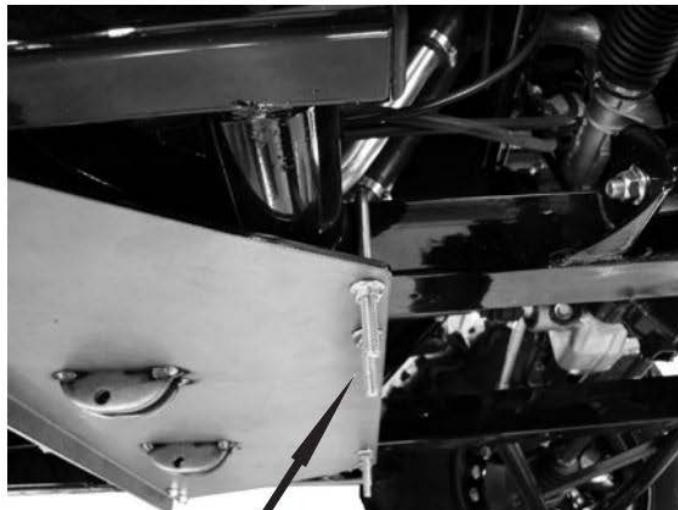
ITEM	PART#	QTY.	DESCRIPTION
1	2792-100	1	Plow Mount Weldment
2	HDW2406	2	5/16 x 2 x 3 Sq. U-Bolt
3	HDW9060	2	5/16 x 1-1/2 x 4 Sq. U-Bolt
4	HDW9002	8	5/16 Flat Washer
5	HDW7058	8	5/16 Nylock Nut

Remove the factory skidplate. The narrow end of the mount goes toward the front of the machine. Hang the two rear 5/16 x 1-1/2 x 4 u-bolts in place over three main tubes in front of the bolts that secure the front half of the frame to the rear half. You may need to pry up on the floor slightly to get the u-bolts in place. Hang the front 5/16 x 2 x 3 u-bolts in place over the smaller square frame tubes right where they are welded to the round crossmember as shown in pictures. Install mount onto the u-bolts and secure using the flat washers and nylock nuts. Cut off excess threads. **NOTE:** to continue using the skidplate simply mark the u-bolt locations and drill a hole for the u-bolts to come through, then unbolt mount and re-install with skidplate between frame and mount.

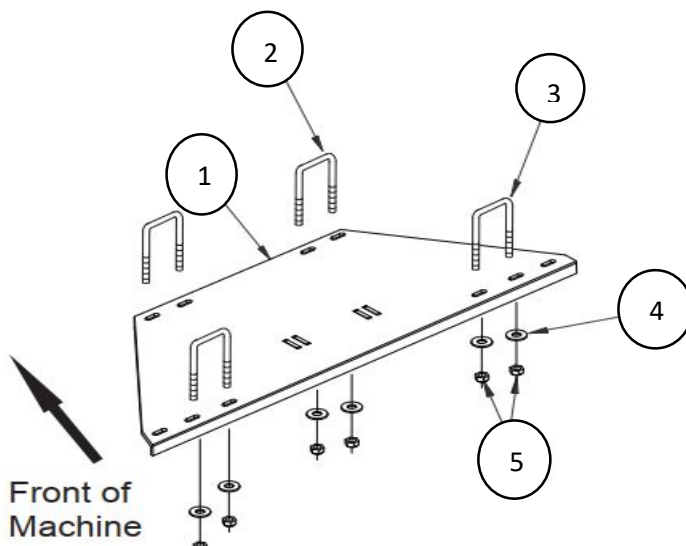
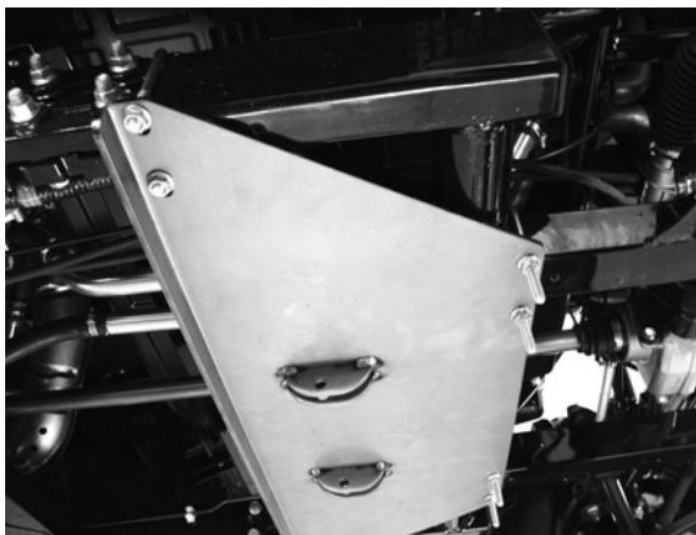
Push tube will pin up to tabs on mount with the wire loop pins included in push tube kit.



Rear U-Bolt position just in front of the four bolts holding the frame together



Front U-Bolt position over the square frame tubes where they are welded to the round frame crossmember.





PLOW MOUNT INSTRUCTIONS
HONDA PIONEER 500
PART# 4501-0644

Remove the factory skidplate. The narrow side of the mount goes toward the front of machine. Hang the two rear 5/16 x 1-1/2 x 4 u-bolts over the wide part of the frame tubes about 2 inches in front of the frame gussets. Hang the front 5/16 x 2 x 3 u-bolts in place over the smaller square tubes just in front of the horizontal crossmember as shown in pics. Install the mount up onto the u-bolts and secure with the flat washers and nylock nuts. You can cut off excess threads. **NOTE:** You can continue to use the bottom skidplate, simply mark the location of the u-bolts and drill skidplate to match and remove mount and re-intall with skid plate back in place and mount on the bottom.

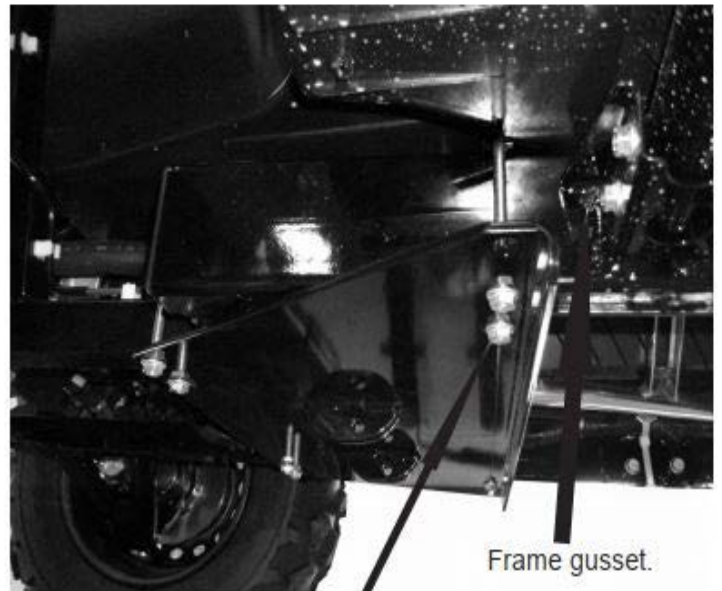
Push tube will mount to tabs on mount with the wire loop pins included with push tube kit.

FRONT OF UTV.

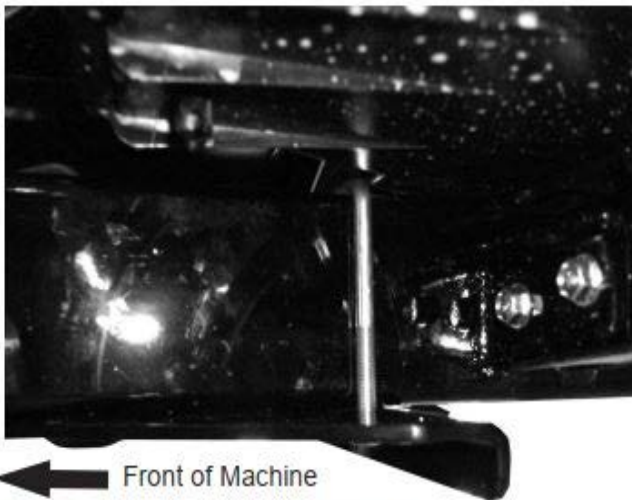


Front U-bolt position over the narrower part of the frame just in front of the horizontal frame member.

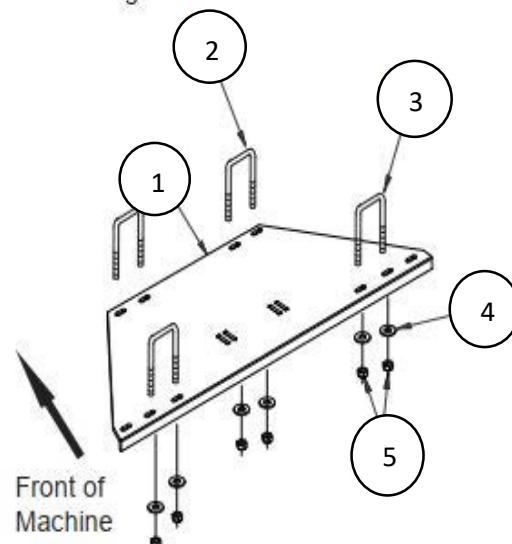
← FRONT OF UTV.



Rear U-Bolt position over the square frame tubes just in front of the frame gusset.



← Front of Machine
Close up view of rear u-bolt position.





MOOSE V-PLOW INSTRUCTIONS

PART# 4501-0841 PUSH TUBE

PART# 4501-0842 LEFT BLADE

PART# 4501-0843 RIGHT BLADE

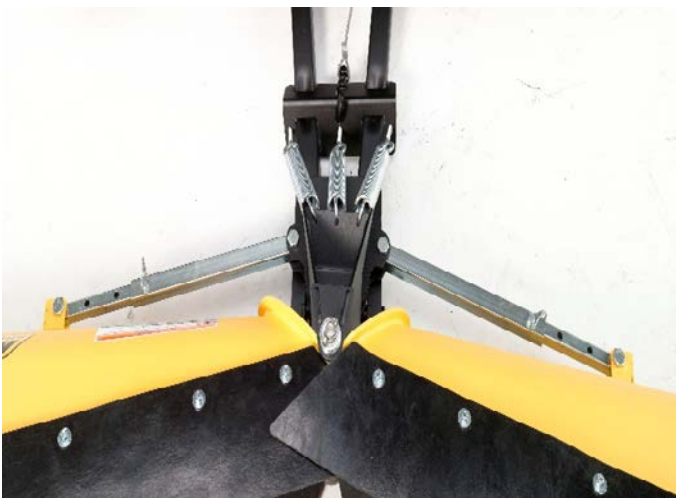


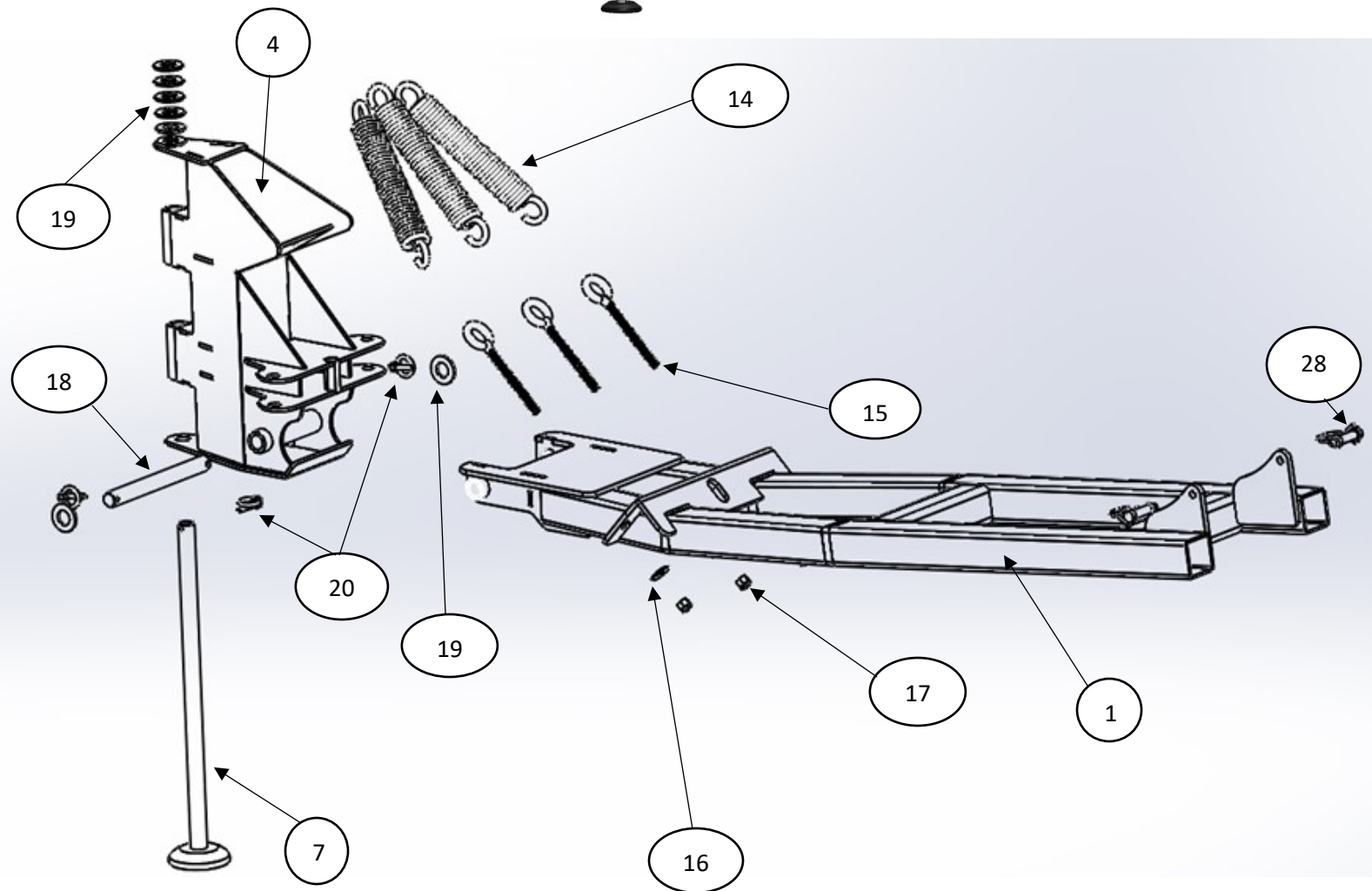
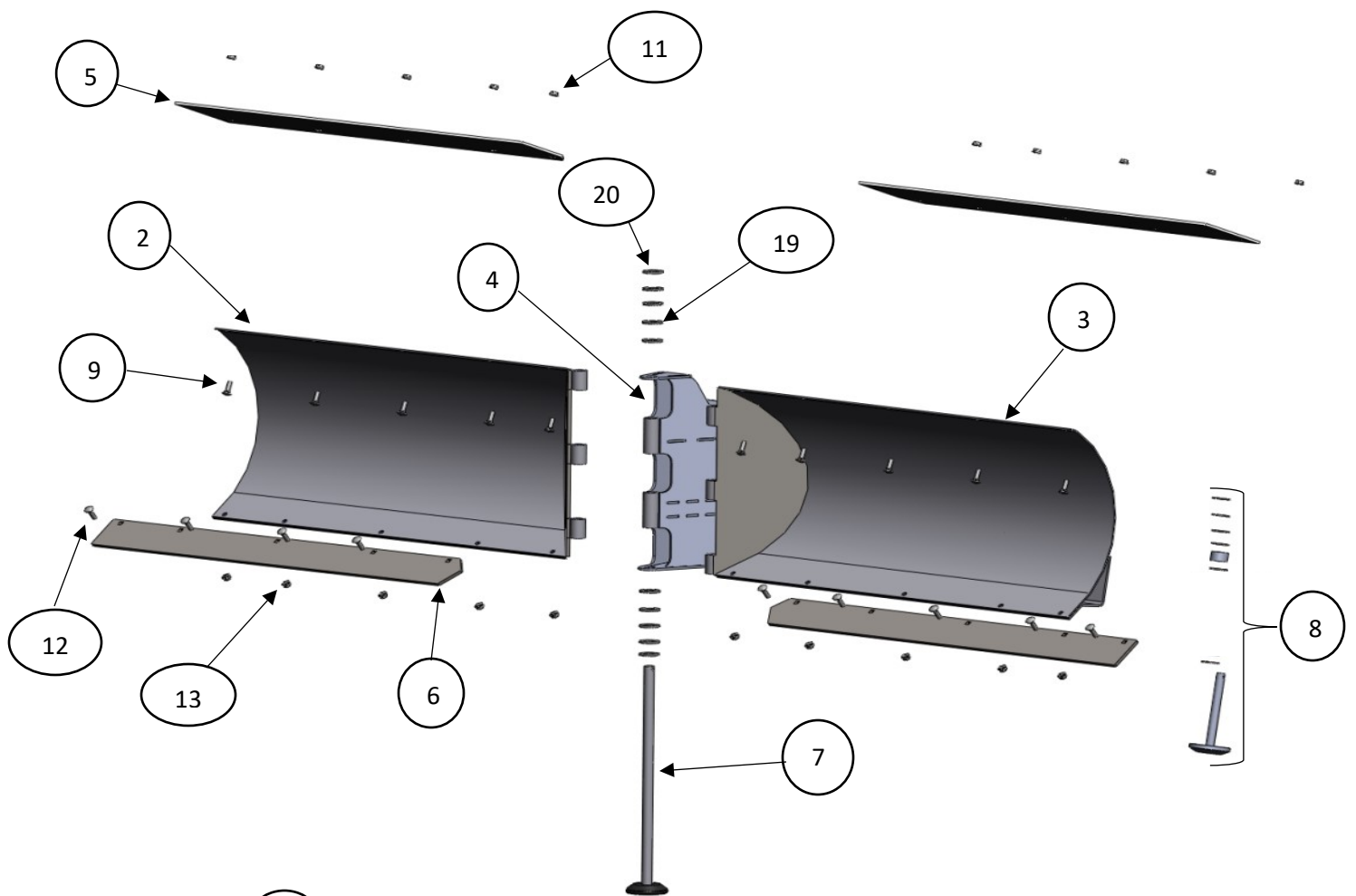
ITEM	PART#	QTY.	DESCRIPTION
1	2718-100	1	Push Tube Weldment
2	2718PF-R	1	72" V-Plow Right Blade
	2719PF-R	1	82" V-Plow Right Balde
3	2718PF-L	1	72" V-Plow Left Blade
	2719PF-L	1	82" V-Plow Left Blade
4	2718-200	1	Center Support
5	2718-115	2	72" Rubber Flaps
	2719-115	2	82" Rubber Flaps
6	2718-120	2	72" Wear Bar
	2719-120	2	82" Wear Bar
7	2718-400	1	Center skid Pin
8	2550PF	2	Blade Skid
FLAP HARDWARE (BB2567) per blade			
9	HDW2069	7	5/16 x 3/4 Carriage Bolt
10	HDW9003	7	5/16 Flat Washer
11	HDW7058	7	5/16 Nylock Nut
WEARBAR HARDWARE (per blade)			
12	HDW2064	5	5/16 x 1 Carriage Bolt
13	HDW7056	5	5/16 Whiz Nut
BLADE SPRING HARDWARE (BB2718-2)			
14	HDW2369	3	Blade Spring
15	HDW2117	3	3/8 x 6 Eye Bolt
16	HDW9029	3	3/8 USS Flat Washer
17	HDW7061	3	3/8 Nylock Nut
TRIP PIN PARTS & HARDWARE (BB2718-1)			
18	2713-204	1	Trip Pin
19	HDW9017	2	3/4 Flat Washer
20	HDW2315	2	3/16 x 1 Lynch Pin
21	HDW9110	1	1/2 x 2 Hex Bolt
22	HDW7078	1	1/2 Hex Nut
23	HDW9006	8	5/8 Flat Washer
MANUAL ADJUST ARMS (BB2718-3)			
24	2718-113	2	Outer Adjustment Tubes
25	2718-114	2	Inner Adjustment Tubes
26	HDW9440	4	5/8 x 2-1/2 Hex Bolt
27	HDW9438	4	5/8 Nylock Nuts
28	HDW2323	2	3/8 Wire Loop Pins

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INST2718PF





V-PLOW ASSEMBLY

V-Plow comes in three boxes right blade, left blade and push tube. You will need to buy a bottom mount plate for your machine to mount this to if you do not have one installed already.

The blades come with wear bar installed on them and the rubber flap will be zip tied to the blade along with the rubber flap bolt bag (BB2567). The push tube box will have all other hardware and components in it.

INSTALLATION

Open push tube box and remove other parts. The center support will be in a box by it's self, all other hardware and parts are in the parts box.

Remove blades from box do not install flaps at this time. Place right and left blades on ground upside down and slide together. Now set the Center Support down in place. You will use item (4) 2718-400 Center skid to slide up and through all the tubes connecting the blades to center support. (start with two 3/4" washers on center skid post and then slid up and through) You may have to tap through with a rubber mallet. On top use the remainder of the 3/4" washer and 1 – 3/16 hair pin clip. Flip blade on edge so wear bars are on ground.

You can now install the rubber flaps with the hardware that was zip tie with flap. The carriage bolts will go up through the blade and then through the flap with washer and nylock nut on top. NOTE: the center of the flap will overlap each other this is to keep snow dust down even when angled. You may have extra carriage bolts so just disregard those.

You can slide the push tube up in place and use item (15) Trip Pin (2713-204) to connect push tube to center support down at the bottom. Place a 3/4" washer on each side one pin in through and use 2 – 3/16 lynch pins to secure with one on each side.

Hook the blade springs item (11) to the upper part of the center support and then place the eye bolt on the other end and then through the holes on the bracket on the push tube and secure with the 3/8 nylock nuts. NOTE: there are three springs to hook up, the tension can be adjusted by tightening the with the nuts.

Place the manual adjusting tubes in place first with the larger of the tube going to the center support and use the 5/8 x 2-1/2 hex bolt and nylock nut to secure. There are some 5/8 washers you can use to center the tube in the bracket or to keep from rattling to much. Next slide the smaller adjust tube into the larger one and secure the end with the large hole to the blade use the other 5/8 x 2-1/2 hex bolt and nylock nuts. You may also use washers here to center tube in bracket. You will use to of the 3/8 wire loop pins in the adjustment holes.

The 1/2 x 2 hex bolt and nut are trip stop bolt and toward the bottom of the center support there is a 1/2 Nut welded in and this bolt will go up from the bottom into this nut but place regular nut on bolt first and then thread in to center support then adjust to get you correct blade pitch when blade is all the way in back position and tighten jam nut to secure.

The back of the push tubes will pin up to your bottom mount with the remaining two 3/8 wire loop pins.

OPERATING INSTRUCTIONS

READ BEFORE OPERATING

Customer must receive a copy of these instruction 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 a 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.