



Wolverine

SKID STEER ATTACHMENT

PRODUCT MANUAL

V2023.9.25

SCREENING BUCKET MANUAL

Model: SB-12-72W



**FOR MORE INFO
SCAN HERE**



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I. Preface

This product is carefully designed and manufactured to provide you with years of reliable service. Only minimal maintenance (such as cleaning and lubrication) is required to keep it in top working condition. Be sure to follow all maintenance procedures and safety precautions in this manual, as well as any safety stickers on the product and any equipment on which accessories are mounted.

This manual is designed to help you do a better,safer job. Please read this manual carefully and familiarize yourself with its contents. Do not allow anyone to operate this equipment without reading this manual.

The illustrations and data used in this manual are current at the time of printing (according to information available to us), but we reserve the right to redesign and change attachments as necessary without notice. Prior to operation the primary responsibility for the safety of this equipment falls on the operator. Please ensure that only trained personnel who have read and understood this manual operate the equipment.

If you do not understand this manual or the features, please contact your local authorized dealer or the manufacturer for further assistance. Make this manual available to new owners and new operators for reference.

II. Security statements

Improper installation, operation or maintenance of this equipment can result in serious personal injury or even death.

Before beginning installation, operation or maintenance, operators and maintenance personnel should carefully read this manual and all manuals pertaining to this equipment and the prime mover. Follow all safety instructions in this manual and the prime mover manual.

Read and understand all safety statements before operating or using this equipment, read all warning labels and safety statements in manuals. Know and follow all regulations, local laws and other professional guidelines. Know and follow good working practices when assembling, maintaining, servicing, installing, disassembling, or operating this equipment.

Learn about the performance, size of your device before operation. Visually inspect the equipment prior to start-up and it is strictly forbidden to operate equipment in a abnormal working condition with all safety devices intact. Check all hardware to ensure tightness. Ensure that all latches, pins and connections are properly installed and secured. Remove and replace any damaged or excessively worn parts. Make sure all safety decals are in place and legible. Keep warning labels clean and replace them when they are worn or difficult to read.

III. Warning labels

Position of Warning Label

Figure 1-1 is the location of the warning label. Warning labels are identified by their part number. The photo1-2 is the instruction of the warning labels. Use this information to buy new warning labels for replacing the damaged ones. Before handling attachments, be sure to read all warning label which include the information you need to understand and the safety and life span of the attachment.

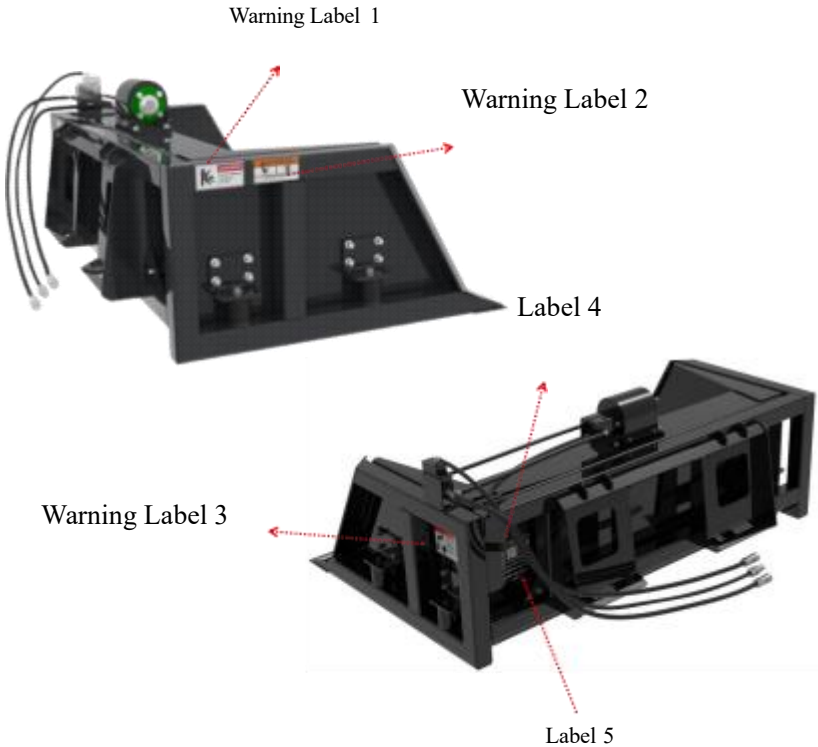
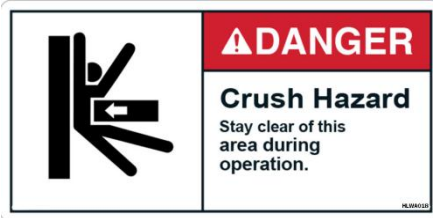


Figure 1-1

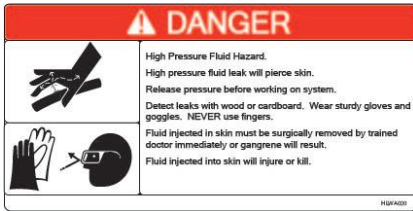
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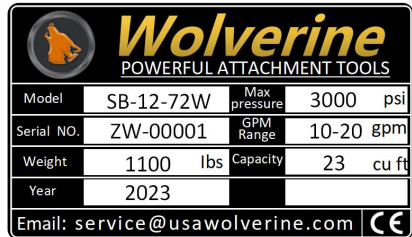
Warning Label 1
Crush Hazard



Warning Label 2
Crush Hands and Feet Hazard



Warning Label 3
High Pressure Fluid Hazard



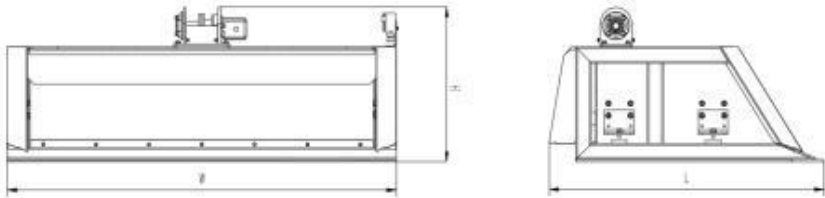
Label 4
Name Plate



Label 5 After-sales
Hotline:1-800-649-8017

Figure 1-2

IV. Technical Parameters



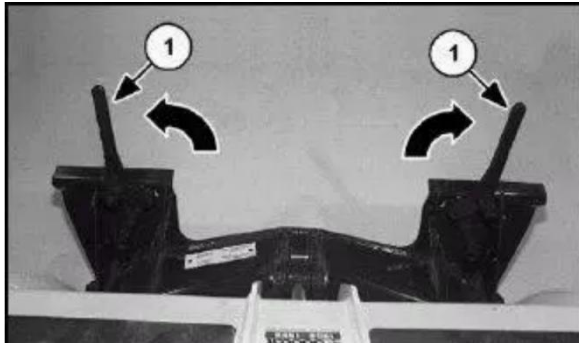
No.	Item	Parameter		Remark
	Model	70"		
		British Parameter	Metric Parameter	
1	Total Weight	1110 lbs	500 Kg	
2	Working Pressure	3000 psi	21 Mpa	
3	Overall Width W	76.7"	1950 mm	
4	Height H	31.5"	800 mm	
5	Length L	48.8"	1240 mm	
6	Feeding Width of Bucket	70 "	1780 mm	
7	Size of Screening Mesh	Mesh Specification: 20*20mm		1/8"-5"
8	Bucket Capacity	7/8 Cubic yard		About 645L
9	Gear Motor	CMGH2		Rated Speed:2000r/min, Rated Pressure:16Mpa
10	Constant Flow Valve	FLD80-60		Rated Pressure: 20Mpa
11	Suitable Loader	Skid Steer Loader		

V. Installation

Please check the quick-change device and the box broom sweeper before installing the sweeper for use.

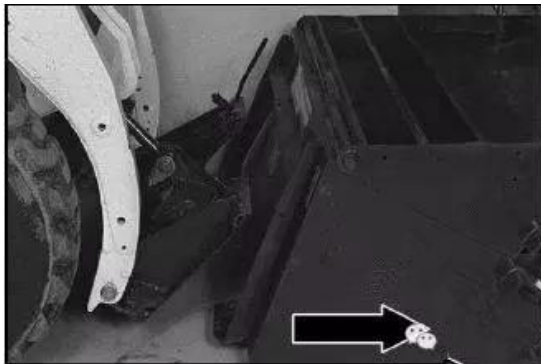
Manually controlled quick-change mechanism:

Pull the lever of quick-change mechanism fully open. (as shown below)



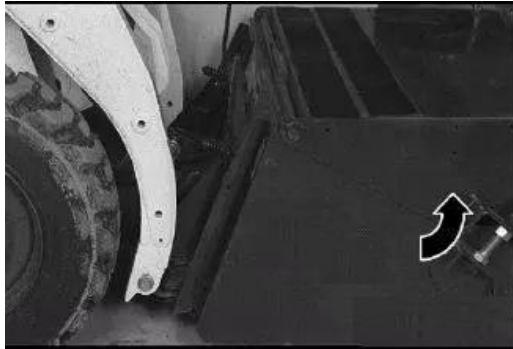
Enter the cab, fasten your seat belt, depress the safety lever and start the engine. Release the hand brake.

Tilt the quick-change device towards the front. Slowly move the machine forward so that the upper edge of the quick-change unit is fully integrated with the mounting flange of the sweeper. (as shown below)

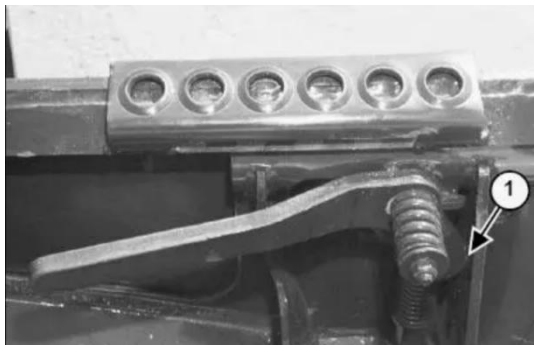


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Ensure that the lever of quick-change mechanism does not collide with the sweeper. Retract the quick-change unit backwards until the sweeper is completely off the ground. (as shown below)



Turn the engine off and leave the cab. Depress the quick-change lever until the locking pin is fully inserted into the pin hole in the mounting bracket to be locked (Figure below).

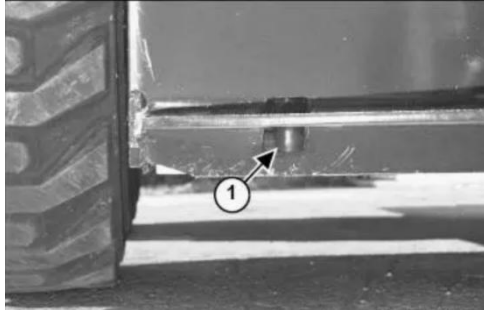


The locking pin of the quick-change device is fully inserted into the pin hole of the cleaner mounting bracket and locked, so that the cleaner is tightly bonded to the quick-change device.(Figure below)

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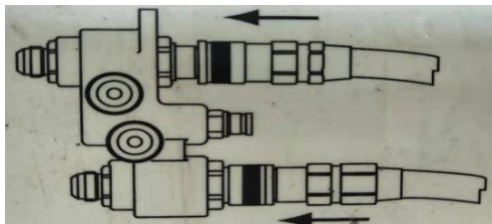
WARNING:

The locking pin of the quick-change device must be inserted into the pin hole of the attachment, and the lever must be fully depressed and locked. Failure to do so will cause the sweeper to fall off the loader, resulting in serious injury or even death.



Hydraulic connection:

Connect the high pressure hose and oil-return hose of the sweeper to the auxiliary hydraulic plug on the skid steer loader. Push the joint toward the lock position after alignment and insertion. (as shown below).



VI. Operation

Basic Operation:

1. Make sure that the oil line of the screening bucket is connected with the skid steer loader and the oil pump is set off.
2. Connect the screening bucket and the mounting bracket of the skid steer loader, and ensure that the connection is firm.
3. Drive the skid steer loader to scoop the required materials like a bucket, and then raise and adjust the tilt angle of the screening bucket (it is recommended that the angle of opening side is upward).
4. After the skid steer loader is driven to the designated workplace, open the oil supply switch of the oil pump of the loader to the screening bucket, and gradually increase the engine speed to increase the vibration frequency of the screening bucket, so that the material is screened and separated on the screen.
5. During the screening process, stable operation is maintained to ensure successful screening of materials.
6. After completion of screening, gradually reduce the vibration frequency to stop, and then dump the remaining materials in the bucket at the designated place.
7. Clean work area and screening bucket to ensure safety and hygiene.

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Notes:

1. During operation, pay attention to keep the working area clean and tidy to prevent debris from splashing.
2. Avoid continuous operation of the screening bucket for a long time, so as not to overheat and damage the equipment. After the vibration box of screening bucket works for 8 hours, the internal bearing must be greased.
3. Pay attention to the wear of the screening mesh, if the screening mesh has been worn too much or damaged, it should be replaced in time.
4. When operating the screening bucket, it is necessary to concentrate and avoid distraction and fatigue operation to prevent accidents.
5. When using the screening bucket, it is necessary to follow the operating procedures, and illegal operation and overuse are strictly prohibited.

Please note that the above are general operation and precautions, specific operation and safety requirements may vary depending on the type of screening bucket and the environment in which it is used. It is recommended to carefully read and follow the relevant operating manuals and safety regulations before using the screening bucket.

VII. Maintenance

Regular maintenance is key to extending life span of the equipment and safe operation. Maintenance requirements have been reduced to an absolute minimum. However, it is important that these maintenance functions are performed as described below.

No.	Item	Daily (Per 8 Hours)	Refer to manual for prime power
1	Clean off any dirt and grease that may have accumulated on the screening bucket.	✓	
2	Check the wear of screening mesh.	✓	
3	Check if hydraulic system is leaking and tighten it if necessary. Inspect for damage and replace as needed.	✓	
4	Grease for Bearings of Vibration Box	✓	
5	Check if the hydraulic system of prime mover has sufficient oil.	✓	
6	Check whether the hardware is missing or loose. Replace or tighten it if necessary.	✓	
7	Check for missing or damaged warning decals and replace them if necessary.	✓	
8	Clean the air filter for prime mover.		✓

WARNING: Hydraulic oil/diesel fuel spilled under pressure can penetrate the skin and cause serious injury. Fluid spilling from a very small hole is almost invisible. Use a piece of cardboard or wood, not your hands, to look for suspicious leaks.



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