



Wolverine

SKID STEER ATTACHMENT

**PRODUCT MANUAL**

**V2023.9.25**

# **DISC MULCHER MANUAL**

**Model: DM-13-72W**



**FOR MORE INFO  
SCAN HERE**



# Content

I. Preface .....	1
II. Security statements .....	2
III. Warning labels .....	3
Warning Label Location: .....	3
IV. Technical Parameter .....	5
V. Installation .....	7
Manual-controlled Quick-change Device .....	7
WARNING: .....	9
Hydraulic connection: .....	9
VI. Operation .....	10
Basic operation: .....	10
Notes: .....	11
VII. Maintenance .....	12

## **I. Preface**

This product is carefully designed and manufactured to provide you with many years of reliable service. Only small 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 labels on the product.

This manual is designed to help you take your job better and more safely. Please read this manual carefully and familiarize yourself with its contents. Do not allow anyone to operate this device without reading this manual.

The illustrations and data used in this manual are up to date at the time of printing (based on the information available to us), but we reserve the right to redesign and change attachments if necessary without notice. Ensure that only trained personnel who have read and understood this manual are allowed to operate the equipment. If you do not understand this manual or features of this equipment, please contact your local authorized distributor or the manufacturer for further assistance. This manual is provided to new owners and operators for reference.

## II. Security statements

**Improper installation, operation or maintenance of the equipment can cause serious personal injury or even death.**

This manual and all manuals related to this equipment and the prime mover shall be carefully read by operators and maintenance personnel before starting installation, operation or maintenance. Follow all safety instructions in this manual and in the prime mover manual.

**Read and understand all safety statements. Read the warning labels and safety statements in all manuals before operating or using this device.**

Understand and comply with all regulations, local laws and other professional guidelines. Understand and follow good working practices when assembling, maintaining, repairing, installing, removing or operating the equipment.

**Learn about the performance, size of your device before operation.**

Visually inspect the equipment before starting up. It is strictly prohibited to operate the equipment that does not work normally when all safety devices are in good condition. Check all the hardware to be tightened. Ensure that all locks, pins, and connections are properly installed and secured. Remove and replace any damaged or excessively worn parts. Ensure that all security decals are in place and legible. Keep warning labels clean and replace them if they are worn or difficult to read.

### III. Warning labels

#### Warning Label Location:

Figure 1-1 is the location of the warning label. Warning labels are identified by their part number. The figure 1-2 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 labels which include the information you need to understand and the safety and life span of the attachment.

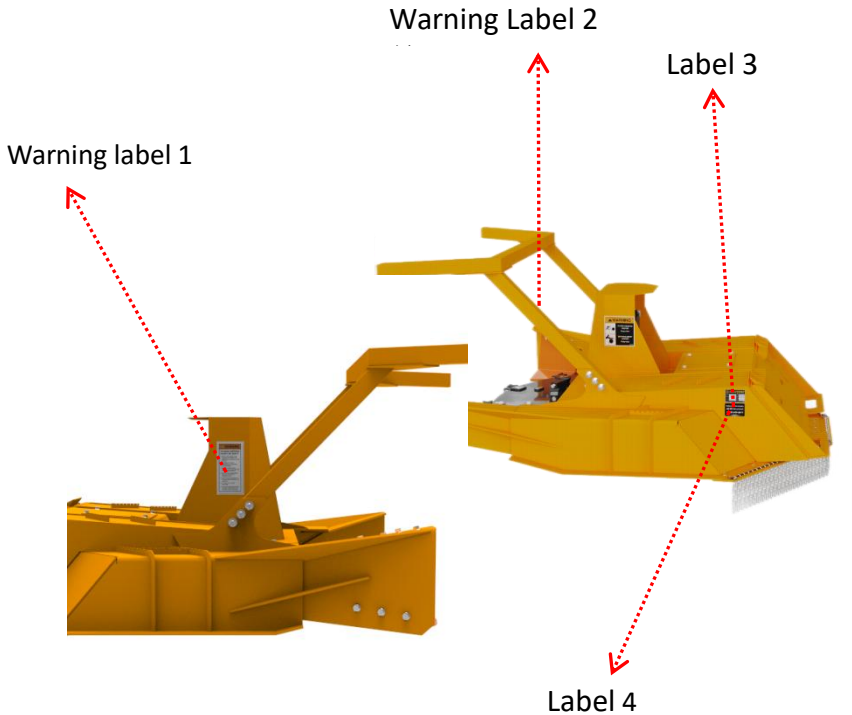
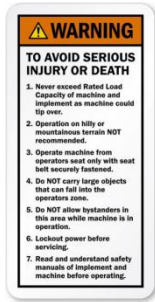


Figure 1-1



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Warning Label 1  
 To Avoid Serious Injury or Death



Warning Label 2  
 Flying Objects and Entanglement Hazard

 <b>WOLVERINE</b> POWERFUL ATTACHMENT TOOLS			
Model	DM-13-72W	Max pressure	3500 psi
Serial NO.	ZW-00001	GPM Range	24-40 gpm
Weight	2020 lbs	Cutting	14 in
Year	2023	Cut Width	60 in
Email: <a href="mailto:usawolverine@hotmail.com">usawolverine@hotmail.com</a> 			

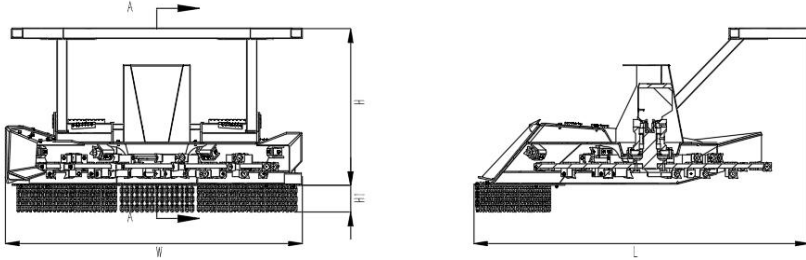
Label 3  
 Nameplate: Disc Mulcher

**Customer service and parts**  
 **USA and Canada**  
**1-800-649-8017**

Label 4  
 After-sales Hotline:  
 1-800-649-8017

Figure 1-2

## IV. Technical Parameter



No.	Item	Parameter		Remark
	Model	60"		
		Inch Parameter	Metric Parameter	
1	Total Weight	1970lbs	895 Kg	
2	Working Pressure	3000psi	21 Mpa	
3	Overall Width W	70"	1780 mm	
4	Height H	37.4"	950 mm	
5	Length L	79"	2010 mm	
6	Diameter of Disk Cutter	60"	1530 mm	Thickness: 25mm
7	Cutting Size(Ground)	1"	25.4 mm	
8	Cutting Size (Tree)	6"	152 mm	
9	Cutting Size (Vertical)	8"	203 mm	
	Cutter Tooth	Four-teeth Concave Type	Quantity: 46pcs	
	Drive Mechanism	Drive by Straight-shaft Drive Box	With Shock Protection	

**WOLVERINE INDUSTRY**

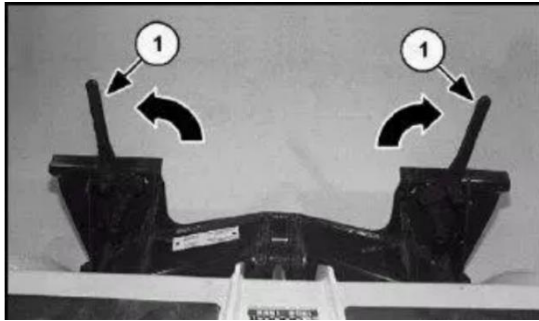
	Motor	M7600 Gear Motor	Max. Rotation Speed: 2200r/min, Flowing Capacity: 140ml/r	
	Suitable Loader	Skid Steer Loader		

## V. Installation

Please check the quick-change device before installing the Disc Mulcher.

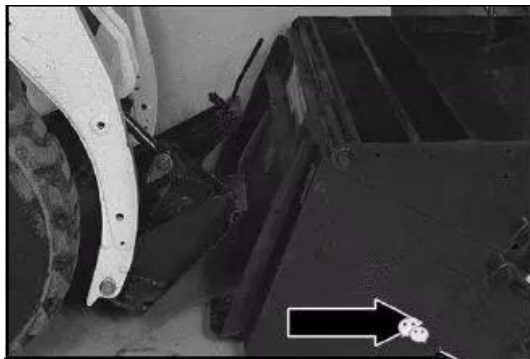
### Manual-controlled Quick-change Device

Pull the lever of quick-change device completely open. (as shown below)



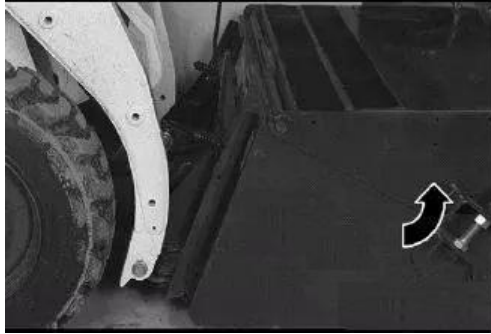
Get into the cab, fasten your seat belt, depress the safety bar, and start the engine. Loosen hand brake.

Tilt the quick-change unit towards the front. Slowly move the machine forward so that the top edge of the quick-change device is fully integrated into the mounting flange of the disc mulcher.

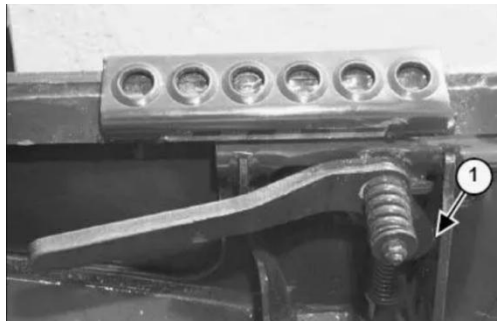


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Make sure that the pull rod of the quick-change device does not collide with the disc mulcher. Retract the quick-change device until the disc mulcher is completely off the ground. (as shown below)



Turn off the engine and leave the cab. Depress the pull rod of the quick-change device until the locking pin is fully inserted into the pin hole of the mounting plate and locked. (as shown below)



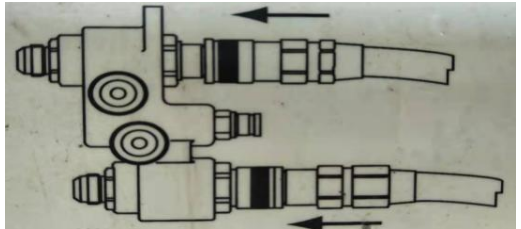
The locking pin of the quick-change device is fully inserted into the pin hole of the cleaner mounting bracket and locked, so that the cleaner is tightly bonded to the quick-change device.(Figure below)

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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 pull rod must be fully depressed and locked. Otherwise, the disc mulcher may fall off the support of the host, resulting in serious injury ,even death.

**Hydraulic connection:**



## VI. Operation

### Basic operation:

1. Make sure that the oil line of the disc mulcher is connected and the oil pump is off.
2. Adjust the working height and angle of the disc mulcher and adjust it according to the specific needs.
3. Place the disc mulcher above or behind the working object to ensure that the machine is stable and not tilted.
4. Turn on the oil supply switch of the skid steer loader to the attachment, gradually increase the oil supply (need to turn on the high-flow mode), so that the cutter head reaches the rated speed, and slowly approaches the object.
5. Maintain steady during operation, apply pressure evenly, and keep the appropriate angle between the attachment and the working object. Then slowly forward or downward.
6. After completing the work, gradually reduce the engine speed. Turn off the oil supply switch of the skid steer loader, and the cutter head will stop rotating for a period of time.
7. Clean the working area and disc mulcher to ensure safety and hygiene.

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### **Notes:**

1. Before operating the disc mulcher, wear appropriate personal protective gears, such as safety helmet, goggles, gloves, etc.
2. During the operation, pay attention to keep the working area clean and well ventilated to prevent soil splashing and inhalation.
3. Do not operate the disc mulcher for a long time. Otherwise, overheating may damage the attachment. Pay attention to the wear of the cutter head. If the blades have been worn too much or crack, they should be replaced in time (the blades need to be checked before each use. The grease in the transmission box needs to be regularly checked every month. The higher the frequency of use, the shorter the inspection interval).
4. When operating the disc mulcher, it is necessary to keep focus and avoid distraction and fatigue operation, so as to avoid accidents.
5. When using the disc mulcher, please follow the operating rules and illegal operation and overload use are prohibited.

## VII. Maintenance

Regular maintenance is the 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 disc mulcher.	✓	
2	Check the wear of blades	✓	
3	Check if hydraulic system is leaking and tighten it if necessary. Inspect for damage and replace as needed.	✓	
4	Grease fittings	✓	
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 .		✓

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**WARNING:** Hydraulic oil/diesel oil spilled under pressure can penetrate the skin and cause serious injury. The liquid spilling from a tiny hole is almost invisible. Use a piece of cardboard or wood instead of your hands to look for a suspected leaking point.



***Wolverine***

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