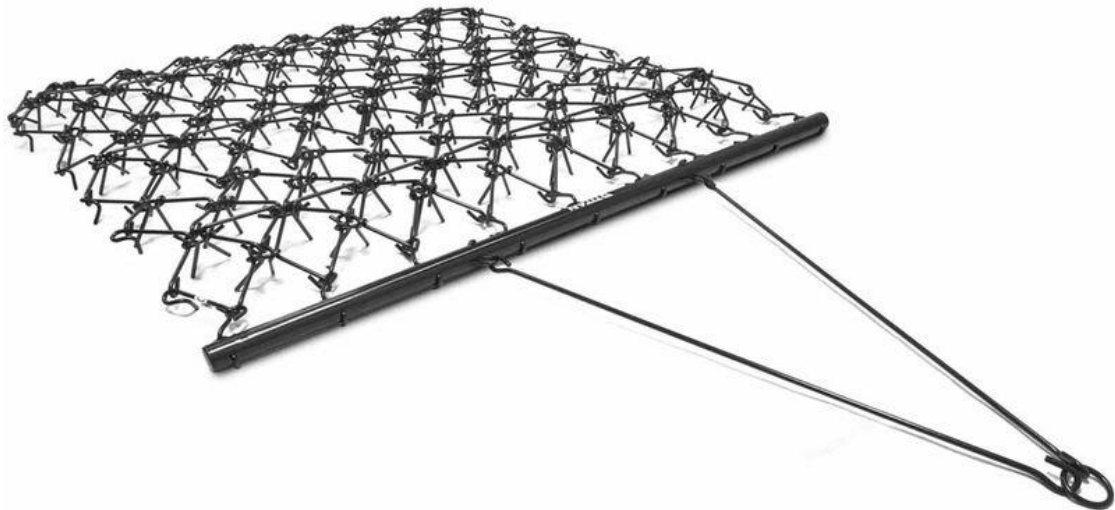


HEAVY DUTY DRAG HARROW

HDHRW68, HDHRW45, HDHRW44

332072, 332073, 332074



TITAN
RAMPS

Operator's Manual



Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious follow without exception. Your life and the lives of others depend on it!

GENERAL INFORMATION

GENERAL WARNINGS

READ and UNDERSTAND this manual completely before using the Drag Harrow.

Operator must read and understand all safety and warning information, operating instructions, maintenance, and storage instructions before operating this equipment. Failure to properly operate and maintain the drag harrow could result in serious injury to the operator or bystanders.

Operation Warnings

- Do not allow children to play on, stand upon or climb on the drag harrow.
- Do not at any time carry passengers sit or stand on the drag harrow.
- Always inspect the drag harrow before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operation.
- Avoid large holes and ditches when operating the drag harrow.
- Always operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
- Do not operate close to creeks, ditches, and public highways.
- To avoid personal injury and/or equipment damage DO NOT EXCEED 10 MPH.
- Always use caution when operating the drag harrow and be aware of your surroundings.
- Only use with recommended vehicles (Tractors, Pick-ups and ATVs / UTVs).
- Always secure the drag harrow to the vehicle hitch before operating.

Crush and Cut Hazards

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean when operating.
- Always wear safety gear, eye protection, gloves and work boots when using the drag harrow.

WARNING

The warnings, cautions, and instructions outlined in this instruction manual cannot cover all possible conditions or situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product and must be supplied by the operator.






PROP 65 WARNING

This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Assembly Is Required

This product requiring assembly before use. See “Assembly” section for instructions. **INSPECT ALL COMPONENTS** closely upon receipt to make sure no components are missing or damaged.

Hazard Signal Word Definitions

	<p>This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.</p>
	<p>DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.</p>
	<p>WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</p>
	<p>CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.</p>
	<p>CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.</p>

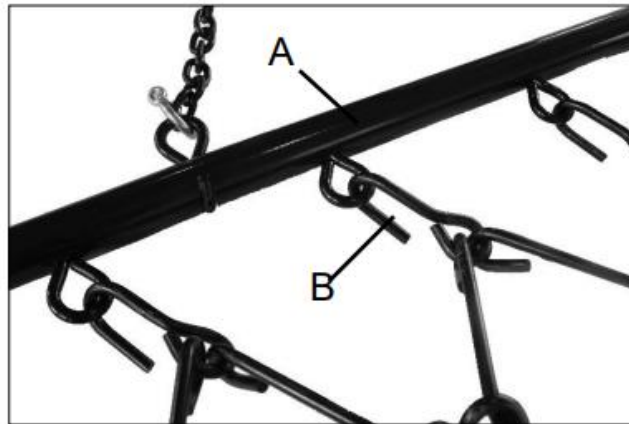
ABOUT YOUR UTILITY DRAG HARROW

The heavy-duty steel construction drag harrow is designed to effectively level dirt, racing tracks and playing fields. With the teeth in the forward and down position, it cultivates, prepares the ground for planting, and rakes up dead forage. The harrow teeth are made of high carbon steel to be maintenance free. The tubular steel draw bar makes it easy to pull behind Tractors, Pickups and ATVs / UTVs.

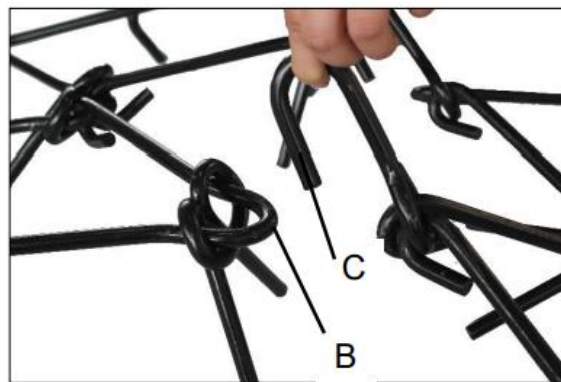
ASSEMBLY INSTRUCTIONS

- Cut and remove packing and shipping wires.
- Open cartons and lay out parts.

1. Connect front, harrow section B to draw bar A.



2. Connect rear, harrow section B to front, harrow section C.



OPERATION INSTRUCTIONS

WARNING

Before using the drag harrow review the instructions below and safety information. Failure to follow these instructions may result in property damage or injury to the operator or bystanders.

USING YOUR DRAG HARROW

1. **ONLY** use approved vehicles when pulling the drag harrow (Tractors, Pick-ups and ATVs / UTVs)
2. **ALWAYS** secure the drag harrow to the vehicle hitch before operating.
3. **ALWAYS** use caution when operating the drag harrow and be aware of your surroundings.
4. **AVOID** large holes and ditches when operating the drag harrow.
5. **ALWAYS** operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
6. **DO NOT** operate close to creeks, ditches, and public highways.
7. To avoid personal injury and/or equipment damage **DO NOT EXCEED 10 MPH.**

MAINTENANCE and STORAGE

WARNING

Improper maintenance and storage of the drag harrow may void your warranty.

MAINTENANCE

- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate all moving parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.

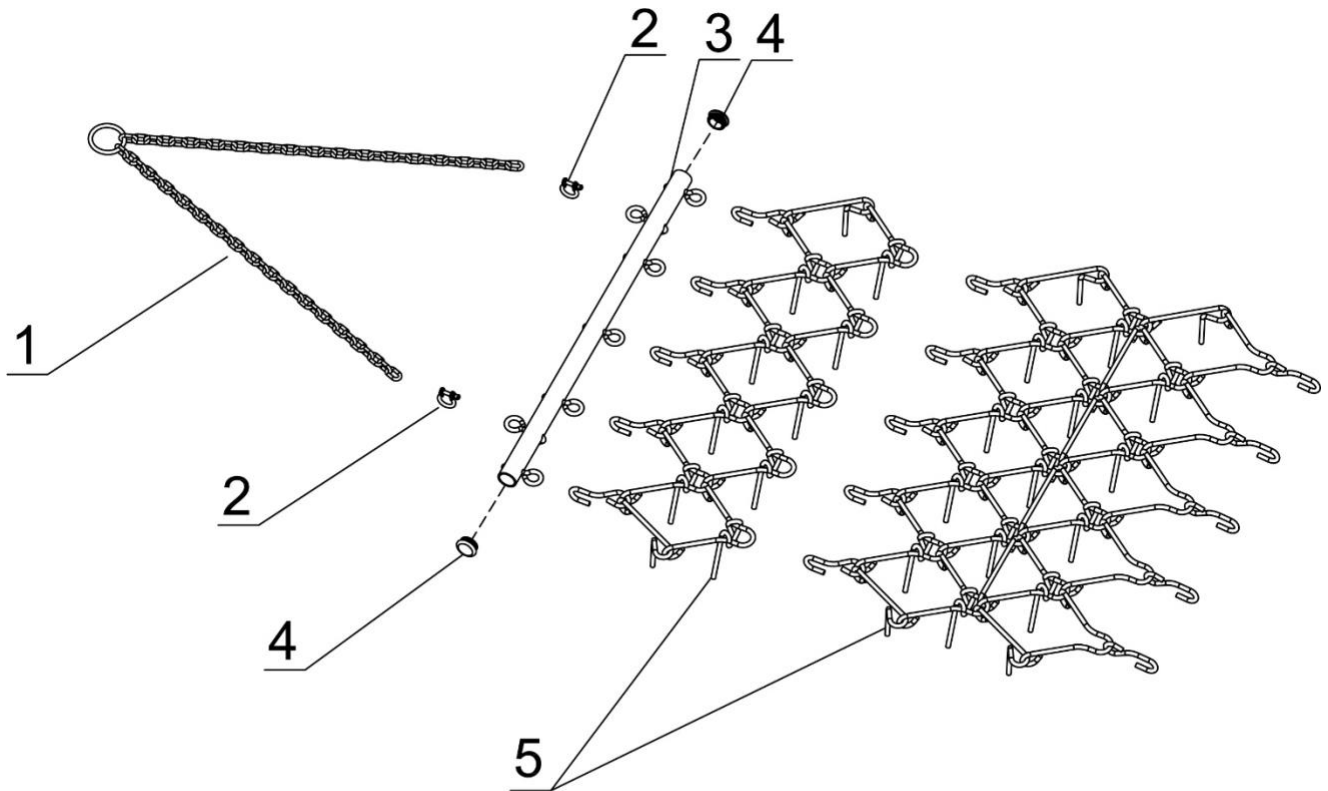
IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operation.

STORAGE

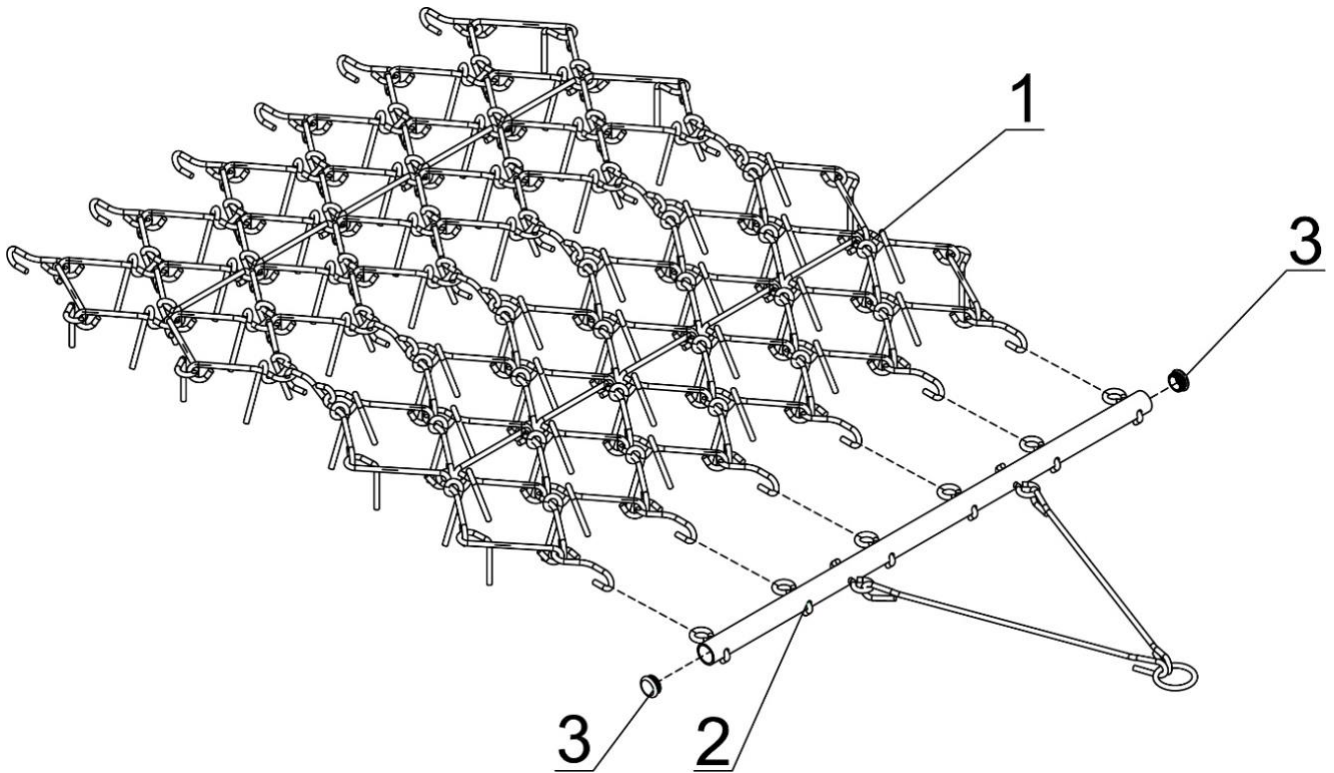
- Before storing make sure the drag harrow is clean and dry for years of trouble-free service.
- Store indoors or protected area during severe weather and winter months.

HDHRW44 PARTS DIAGRAM / EXPLODED VIEW



KEY	PART NUMBER	DESCRIPTION	QTY
(1)	T933-10000-DY	Connecting Rod	1
(2)	U. XY01-0408-DX	Shackle	2
(3)	T933-20000	Tow Bar	1
(4)	T933-00001	Plug	2
(5)	T933-30000	Mesh	1

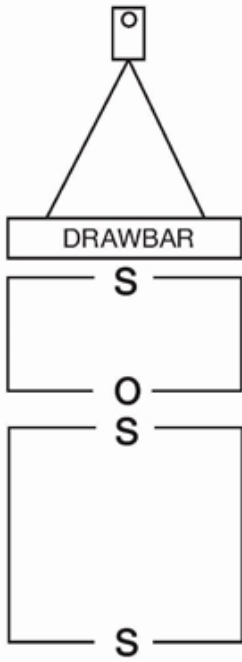
HDHRW45 & HDHRW68 PARTS DIAGRAM / EXPLODED VIEW



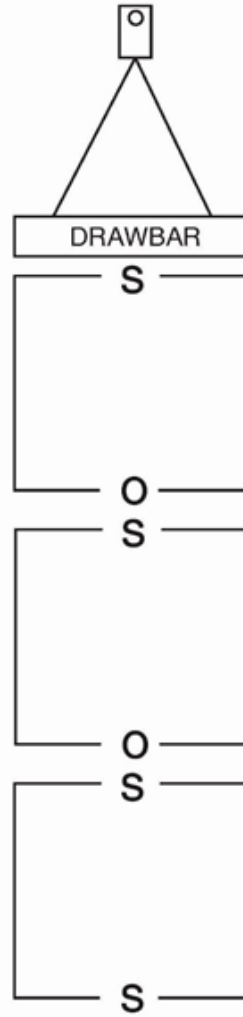
KEY	PART NUMBER	DESCRIPTION	QTY
(1)	Z080-20000	Mesh	1
(2)	Z080-10000	Tow Bar Assembly	1
(3)	T933-00001	Plug	2

HDHRW45 & HDHRW68 LAYOUT FOR HARROW ASSEMBLY

HDHRW45



HDHRW68



LEGEND
S = Male S-Hook
O = Female Loop

ACKNOWLEDGEMENT OF RISK AND RELEASE OF LIABILITY

The use of any equipment, including this one, involves the potential risk of injury. Apart from any warranty claim that might be presented for a claimed defect in material or workmanship of the product, you accept and assume full responsibility for any and all injuries, damages (both economic and non-economic), and losses of any type, which may occur, and you fully and forever release and discharge Titan, its insurers, employees, officers, directors, associates, and agents from any and all claims, demands, damages, rights of action, or causes of action, present or future, whether the same be known or unknown, anticipated, or unanticipated, resulting from or arising out of the use of said equipment.

This equipment must be used with care by capable and competent individuals under supervision, if necessary.

TITAN LIMITED WARRANTY: TERMS, EXCLUSIONS AND LIMITATIONS OF REMEDIES

This product comes with a one (1) year limited warranty that can be found at www.titanramps.com/warranty.html. Please review the same for all details regarding the Titan Limited Warranty.

THE TITAN LIMITED WARRANTY FOUND AT WWW.TITANRAMPS.COM/WARRANTY.HTML IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE, EACH OF WHICH IS HEREBY DISCLAIMED.



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1-800-605-7555

info@titanramps.com

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