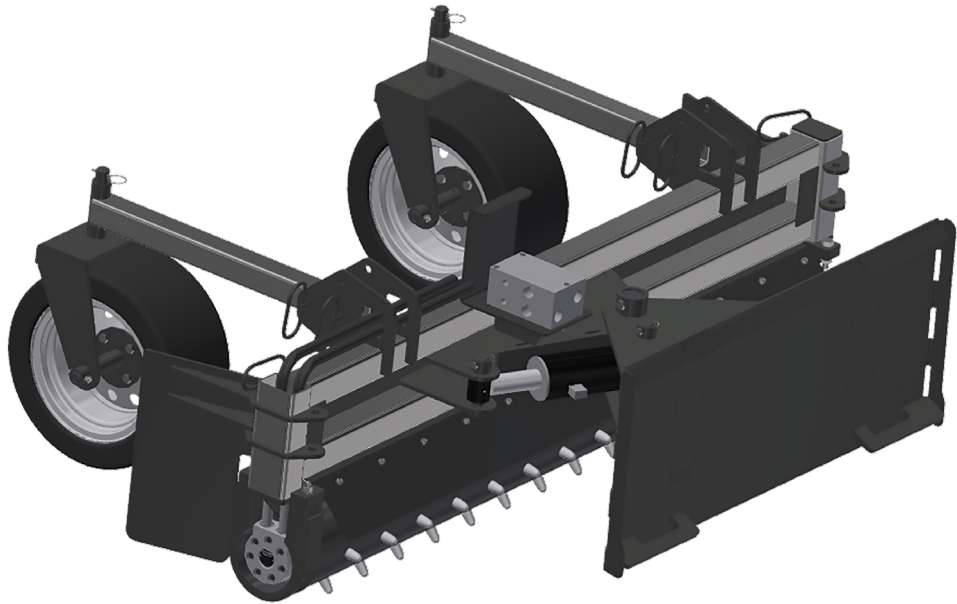


X-TREME POWER RAKE

15-25 GPM



MODEL SERIES

XPWR72

XPWR90

SAFETY RULES | OPERATING INSTRUCTIONS | MAINTENANCE PROCEDURES

Record product information below.

MODEL:

SERIAL:

PURCHASE DATE:

DEALER NAME:

ADDRESS:

--

MODEL FEATURES

- Available Sizes: 72", 90"
- Hydraulic or Manual Angle Available
- Carbide Teeth On Drum
- Solid Foam Filled Tires
- Bi-Directional Drum
- Removeable Retaining Wings
- Front/Back Debris Curtain
- Available with universal 7 pin, 8 pin, or 14 pin wiring harness.

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THANK YOU

Dear Owner:

We appreciate your business and thank you for choosing Construction Implements Depot, Inc. as your provider of quality skid steer attachments. We are committed to providing you with a heavy duty product that will provide years of satisfaction and safe operation.

This manual will provide instructions on how to safely operate and maintain the X-TREME POWER RAKE. All users must read and understand this manual before operating this machine. Upon reading this manual, all users should sign the "Safety Acknowledgement Form" at the end of this manual.

Please record your model and dealer information on the inside front cover. You will be asked to provide this information when ordering parts or requesting service. If you need more information on this product, contact your local dealer or visit www.cidattachments.com.

Sincerely,

The CID Team
Construction Implements Depot, Inc.



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SECTION 2
SAFETY
INFORMATION

2.0 INTRODUCTION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
X-treme Power Rake	implement, attachment, machine, rake, power rake
Skid Steer	skid steer loader, skid loader, skid steer tractor, loader, prime mover
Operator	user, personnel

The **X-treme Power Rake** is designed and manufactured with safety in mind. However, improper use and operator error can result in death or serious injury. It is important that you read and fully understand the safety instructions and operating procedures presented in this manual before operating this attachment. Accident prevention is a combination of good judgement, common sense, awareness and proper training!

BEFORE you operate this power rake:

1. KNOW how to safely operate your skid steer loader.
2. READ and UNDERSTAND the safety instructions and operating procedures contained in this manual.
3. ACKNOWLEDGE your understanding of all safety instructions presented in this manual by signing the "Safety Acknowledgement Form" at the end of this manual.

Although every effort has been made to ensure a safe product, every possible circumstance that could pose a potential hazard cannot be anticipated. The warnings presented in this manual and on this product, are therefore not all-inclusive.

In addition to the safety messages presented in this section, you must also read and understand the safety messages presented in the other sections of this manual.

2.1 SAFETY SYMBOLS

This manual and the decals on this machine use safety symbols, hazard labels, pictograms and color coded signal words to alert you to potential hazards that may cause severe injury or death if a safety instruction is ignored.



SAFETY ALERT SYMBOL - This symbol is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Hazard Classifications

Hazards are identified by the “Safety Alert Symbol” and followed by the signal word “DANGER”, “WARNING”, or “CAUTION”.

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE




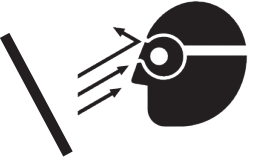



Indicates a situation which may cause damage to equipment or property. Messages are not related to personal injury.

Safety Instructions

Indicates specific safety-related instructions or procedures.

2.2 SAFETY PICTOGRAMS

Pictograms are graphic symbols meant to alert you of a potential hazard. Read and understand the hazard description for each of these symbols.

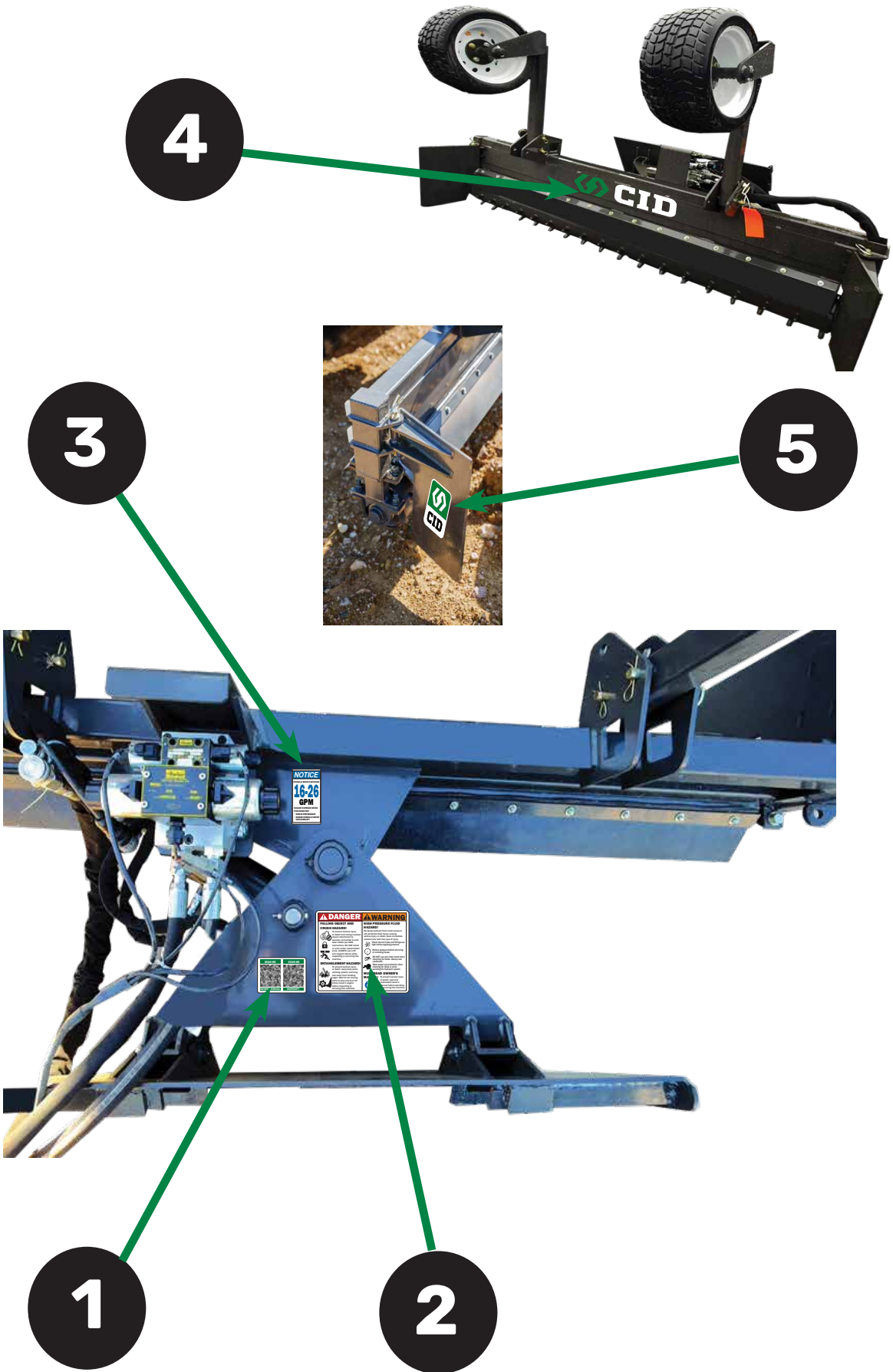
Pictogram	Description
	PINCH HAZARD: Keep clear of skid steer and brush cutter machine to prevent death or serious injury from pinching of moving parts.
	FLYING DEBRIS HAZARD: ONLY operate this machine using a skid steer that has a shatter proof cab to prevent death or serious injury from objects being thrown.
	OPERATING MANUAL: Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.
	EYE PROTECTION & CARDBOARD: Operators and Maintenance personnel must wear proper eye protection and use cardboard or wood to investigate hydraulic leaks to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	HIGH PRESSURE FLUID INJECTION HAZARD: Operators and Maintenance personnel must not place fingers or hands directly over a hydraulic leak to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	NO BYSTANDERS: DO NOT operate this machine near bystanders. Bystanders must stay back at least 25 feet from the machine to prevent death or injury from objects being thrown.
	CRUSH HAZARD: DO NOT place any part of the body under the machine or skid steer arms to prevent death or serious injury from being crushed .

2.3 SAFETY DECAL INSTRUCTIONS



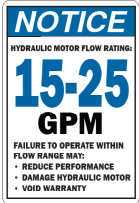


The safety decals affixed to this machine are to keep you safe. DO NOT ignore these decals. Read and understand each decal's safety message. Follow these Safety Decal Instructions:

- ⚠ Decals must be kept clean and legible at all times.
- ⚠ Operators must inspect the machine for safety decals.
- ⚠ Replace missing, worn or damaged decals immediately.
- ⚠ When using a hot pressure washer to clean this machine make sure water jet is not too close to the decal as this may cause the decal to peel.
- ⚠ When replacing parts, be sure safety decals are in place prior to using the machine.
- ⚠ Make sure metal surface is dry and free of dirt and grease before affixing decals to this machine.

2.4 SAFETY DECAL LOCATIONS

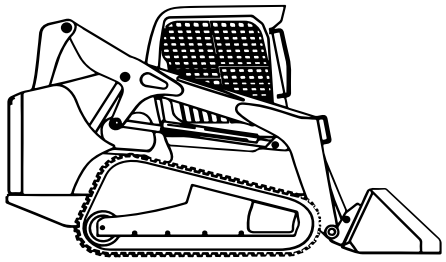


2.5 SAFETY DECAL CHART

REF	DESCRIPTION	LABEL	QTY
1	SCAN TO VIEW OWNER'S MANUAL & WARRANTY INFORMATION QRS CODE LABEL (CID44A)		1
2	DANGER COMBO LABEL (CID82E)		1
3	AUXILIARY HYDRAULIC FLOW NOT TO EXCEED 15-25 GPM NOTICE LABEL (CID40)		1
4	CID LARGE LOGO DECAL 15" X 4" PRE MASK (CID18C) NOTE: NON-SAFETY DECAL		1
5	CID LOGO VERTICAL (CID18D) NOTE: NON-SAFETY DECAL		2

CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS.

2.6 SKID LOADER REQUIREMENTS



Tracked

VS.



Wheeled

A tracked skid steer or Compact Track Loader (CTL) will provide superior stability in this application.

- Ensure your skid steer loader is in good operating condition.
- Skid steer lift capacity: 3,000 lbs
- Skid steer loader weight: 10,000 lbs
- Follow the operating instructions in your skid steer operator's manual.
















2.7 Personal Protective Equipment (PPE) Requirements

All operators should wear hearing protection, safety glasses, hand protection and dust mask while operating this machine.



2.8 GENERAL SAFETY INSTRUCTIONS

Below are general safety instructions that relate to the overall operation and maintenance of this machine. It is important that you read and understand each of these messages to prevent serious injury or death.

-  ALWAYS watch for overhead power lines.
-  DO NOT place hands or feet near rotating drum.
-  NEVER operate this attachment when bystanders are within 25 feet of your work area. Flying debris could cause serious injury or death.
-  NEVER position your body or limbs under an unsupported attachment.
-  DO NOT allow this machine to contact buildings, utilities, large rocks or tree stumps or you may lose control of the skid steer loader.
-  DO NOT operate this machine during lightning or severe weather conditions.
-  NEVER use drug or alcoholic beverages while operating or servicing this machine.
-  ALWAYS operate this attachment during daylight or well-lit areas.
-  To prevent the skid steer loader and implement from rolling forward, stop the engine and set the parking brake when exiting the skid steer loader.
-  Inspect implement for missing hardware prior to using this machine.
-  DO NOT allow children to play on or around this equipment at any time. Store this implement in an area not frequented by children.
-  ALWAYS wear the proper personal protection equipment while operating or servicing this machine. NEVER operate or service this machine with bare feet, sandals, or other light footwear.
-  ALWAYS wear work gloves when removing debris from the drum.
-  ALWAYS use eye protection while operating or servicing this machine.
-  DO NOT speed! Keep your driving speed between 2 and 5 mph.

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SECTION 3

OPERATING INSTRUCTIONS

3.0 UNPACKING YOUR POWER RAKE

Your attachment arrives from the factory strapped to a wood pallet and requires no final assembly. Use a steel band cutting tool to remove the steel straps.

CAUTION

Shipping straps are under great tension, and could lash out uncontrollably when cut causing injuries to your body or bystanders. Wear safety glasses and gloves while removing the steel straps.

3.1 HOW TO MOUNT THE POWER RAKE

General Attachment Method

Refer to your skid steer operator's manual for specific instructions on how to mount and

1. Enter operator's cab and start skid steer loader.
2. Tilt the skid steer loader quick attach coupler slightly down and drive forward to the rear of the power rake until the top edge of the quick attach coupler connects into the attachment bracket. Slightly tilt the skid steer quick attach coupler up until the coupler and attachment bracket fully engage. See figure 3.1a on next page.
3. Activate the coupler pin mechanism to lock the pins into the attachment bracket. If your skid steer does not have this mechanism, shut skid steer engine off and exit the cab.
4. Push the skid steer quick attach locking levers down until you can see the coupler pins extend into the slots on the attachment bracket.

WARNING

To avoid serious injury or death, ensure coupler pins fully extend through the slots on the attachment bracket and that levers are down in the locked position to prevent cutter from detaching from prime mover.

6. Connect hydraulic hoses and the case drain hose to the auxiliary supply couplers located on your skid steer loader lift arm.

NOTICE

To keep contaminants from entering the hydraulic system, use a clean cloth to wipe away dirt and grease from the hydraulic couplers.

3.2 HOW TO DISMOUNT THE POWER RAKE

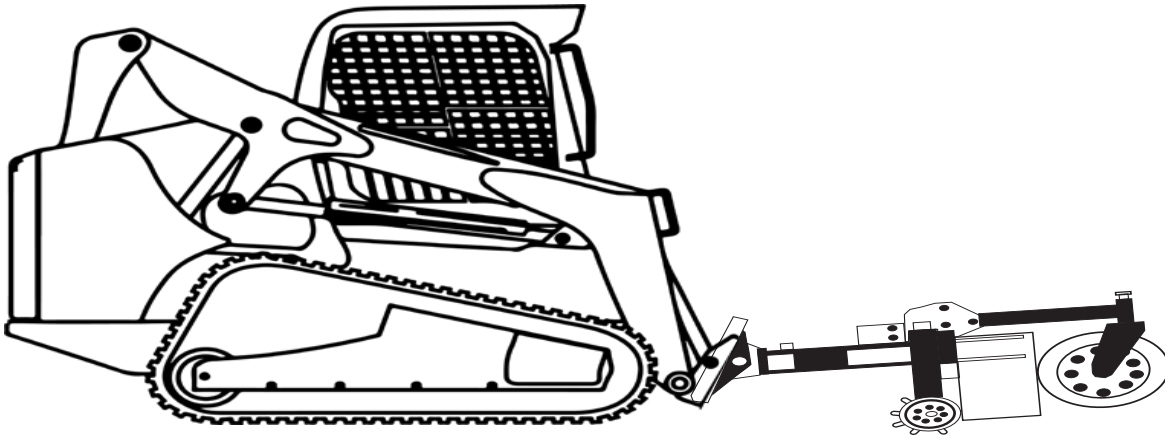


Figure 3.1a - Power Rake Mounting

Dismounting Power Rake

1. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure.
2. Park skid steer on a flat and level surface then lower power rake to the ground.
3. Set parking brake and disengage lock pins using the lock lever switch (if installed).
4. Turn off skid steer engine.
5. Disconnect hydraulic hoses.
6. Pull latch handles to disengage lock pins.
7. Re-enter cab and start skid steer engine.
8. Tilt mounting coupler forward until mounting bracket is free from mounting plate.
9. Drive skid steer backward to clear power rake.

3.3 CONNECTING THE ELECTRICAL HARNESS

Connect the control harness from the power rake to the electrical bulkhead connector mounted on the skid steer loader arm. A *universal, 7, 8, or 14 pin* pigtail harness adapter is available to make this connection.

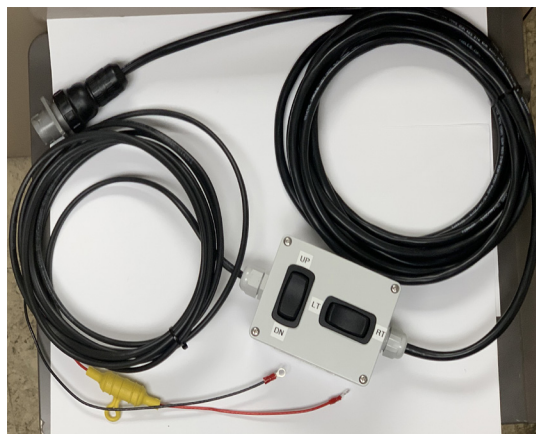
3.4 HOW TO INSTALL THE UNIVERSAL CONTROLLER

If your skid steer loader does not support auxiliary electrics, an optional universal controller will control:

- left and right angle position
- drum rotation

NOTICE

To prevent possible equipment damage, it is recommended the universal controller be installed by a qualified technician who is familiar with your skid steer's electrical system.



3.4 HOW TO INSTALL THE UNIVERSAL CONTROLLER CONT.

To Install Universal Controller:

1. Place the controller on the operator's seat and route the power cable from the left side of the controller to a point where the red wire with fuse can be connected to the skid steer's operator presence system, and the black wire connected to the skid steer's grounding system.

WARNING

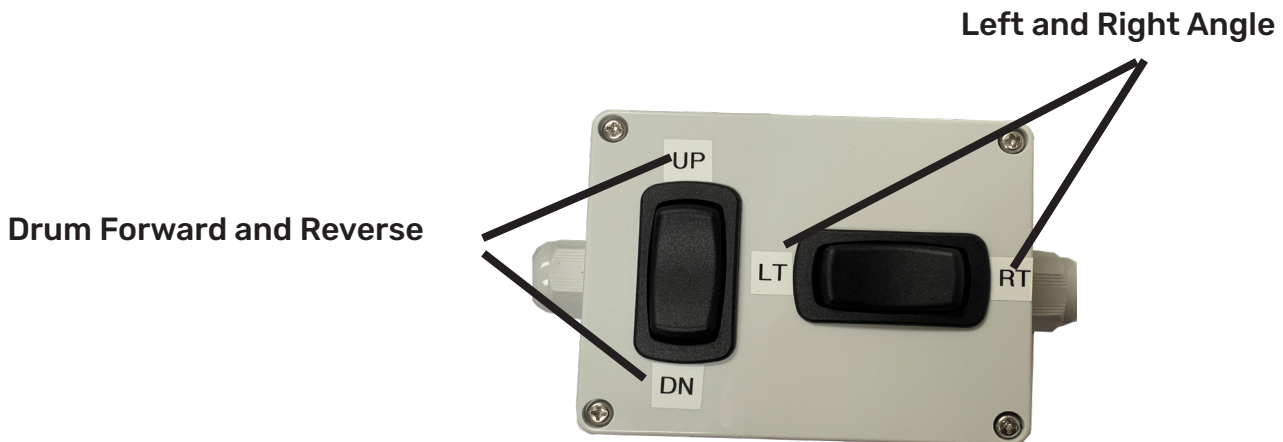
The paddle controller must connect to the skid steer's *operator presence system* to avoid serious injury or death. This system will disconnect power to the attachment when the operator restraint bar is raised or when the operator rises from the seat.

Do not connect the controller directly to the skid steer's battery or other source that is energized all the time. You could be killed or severely injured if a control switch is accidentally bumped while exiting the skid steer cab.

2. Route the control cable that extends from the right side of the controller box through the cab and up to the back of the loader pivot arm, then down the arm to a point near the hydraulic couplers. *Note: Secure this cable using plastic cable ties along the inside of the loader arm to prevent cable from being snagged by tree branches or other debris.*
3. Make sure the cable is free of tension when raising and lowering the loader arms.

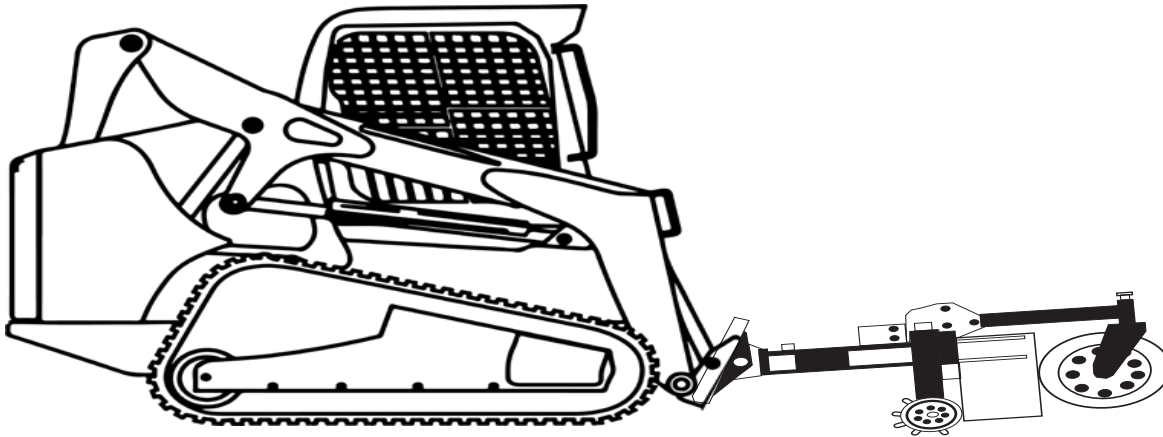
Power Rake Controls

Your power rake is designed to run off the skid steer loader's auxiliary hydraulic system, and is activated and deactivated by a control in the operator's cab. The height and tilt functions of your power rake are operated with the control handles or pedals in the cab. Consult your skid steer operator's manual for instructions regarding these functions.



3.6 INITIAL USE PROCEDURE

After starting skid steer, raise attachment 6 inches off the ground surface:



NOTICE

Before operating power rake, check the hydraulic fluid level in the skid steer and add oil if necessary.

NOTICE

Make sure the case drain hose is properly attached to the prime mover's case drain connection. Warranty may be void if attachment is ran without the case drain hose connected. Excessive hydraulic pressure can blow out seals and damage the motor.

Verify that hydraulic hoses are securely locked to the skid steer hydraulic couplers before starting the power rake.

3.6 INITIAL USE PROCEDURE CONT.

1. Set skid steer engine RPM to just above idle.
2. Raise the rack to 6 inches above the ground.
3. Switch on the auxiliary hydraulic circuit.
4. Allow the power rake to run for 30 seconds to purge air from the system, then switch off the auxiliary hydraulic circuit.
5. Lower the power rake to the ground, shut off skid steer engine and exit the cab.
6. Check the hydraulic oil level in the skid steer, add oil if necessary.
7. Inspect the power rake hydraulic plumbing for noticeable leaks. Fix before continuing.

WARNING

To avoid serious injury by hydraulic fluid injection into your skin, never use your hand or other body parts to locate a hydraulic leak. Detect leaks with a piece of wood or card board.

8. Restart skid steer, set engine RPM to slightly above idle.
9. Raise the power rake off the ground and switch on the auxiliary hydraulic circuit.
10. Slowly increase skid steer engine to full throttle.
11. Ensure power rake is running smoothly.
12. Test the controls for proper movement (left swing, right swing, drum forward, drum reverse).

NOTICE

If power rake vibrates while increasing RPM's, switch off the auxiliary hydraulic circuit and investigate the cause. Refer to the Troubleshooting Chart on pages 38-39.

3.7 STARTING AND STOPPING THE POWER RAKE

When operating the power rake, set the skid steer engine RPM to a speed that will produce the required flow. Your skid steer dealer can measure the flow available on your machine and recommend a throttle setting that is compatible with this attachment.

NOTICE

DO NOT exceed the designed flow rate of 15-25 GPM when operating your power rake.

Starting the Power Rake

WARNING

To avoid serious injury or death from thrown objects and flying debris, ensure no bystanders are within 25 feet of the work area before starting the Power Rake.

1. Complete steps 1-6 in Section 3.1.
2. Set skid steer engine RPM to slightly above idle.
3. Raise the rake attachment to 6 inches above the ground.
4. Activate skid steer auxiliary hydraulic circuit.
5. Slowly increase skid steer engine to full throttle. Ensure power rake is running smoothly.

NOTICE

DO NOT engage the auxiliary hydraulic circuit with engine at full throttle or damage to the drum unit can occur.

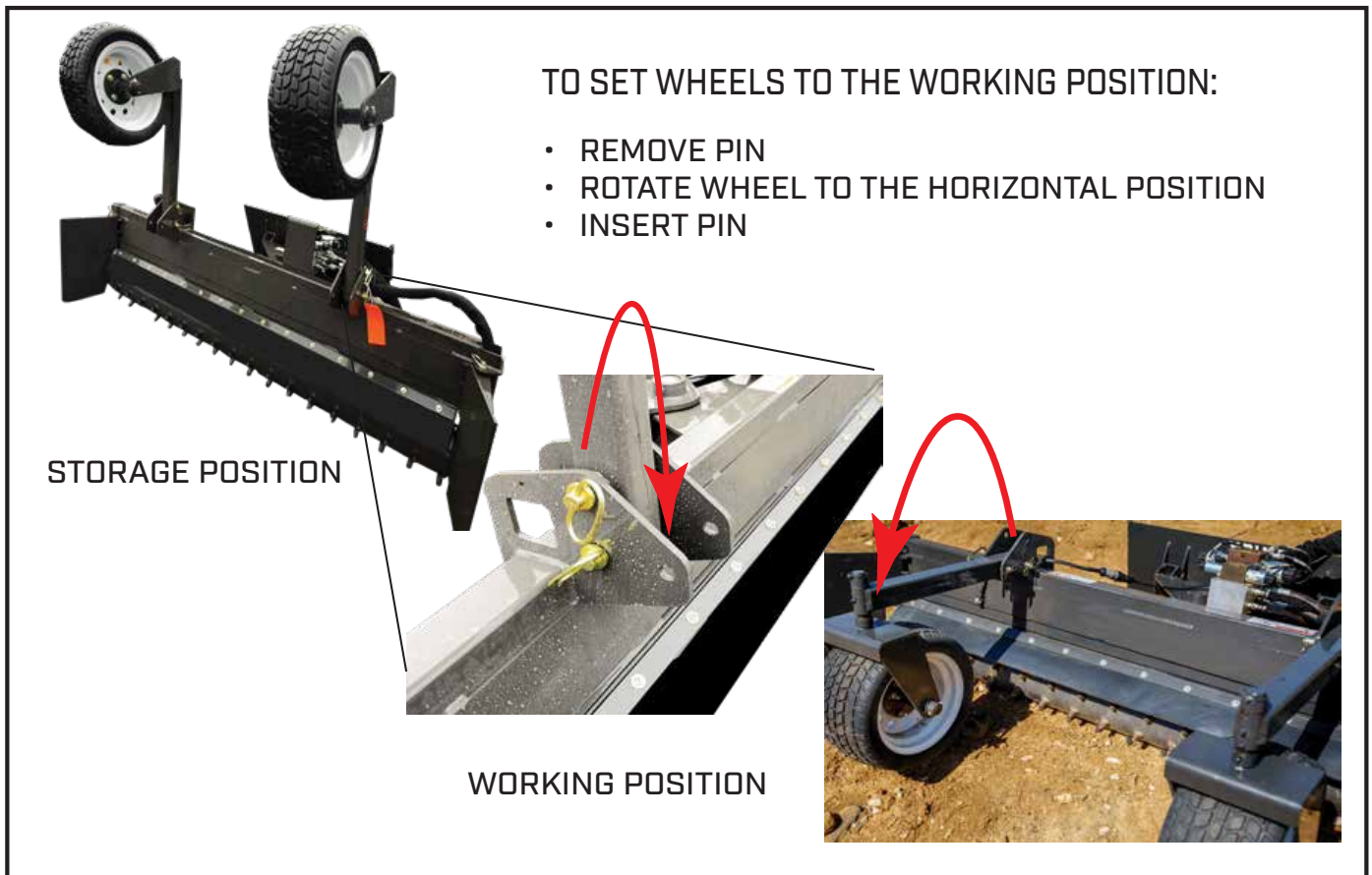
Stopping the Power Rake

1. Raise the power rake slightly and set skid steer engine RPM to idle.
2. Switch off the auxiliary hydraulic circuit.

WARNING

After switching off the auxiliary hydraulic circuit, keep hands and feet clear of the rotating drum.

3.8 GAUGE WHEELS



3.9 RETAINING WINGS

FUNCTIONS

- Retains dirt in front of the roller (drum) to allow rocks and other debris to be sifted.
- Pushes dirt along the path of travel filling in low spots.

CONFIGURATIONS

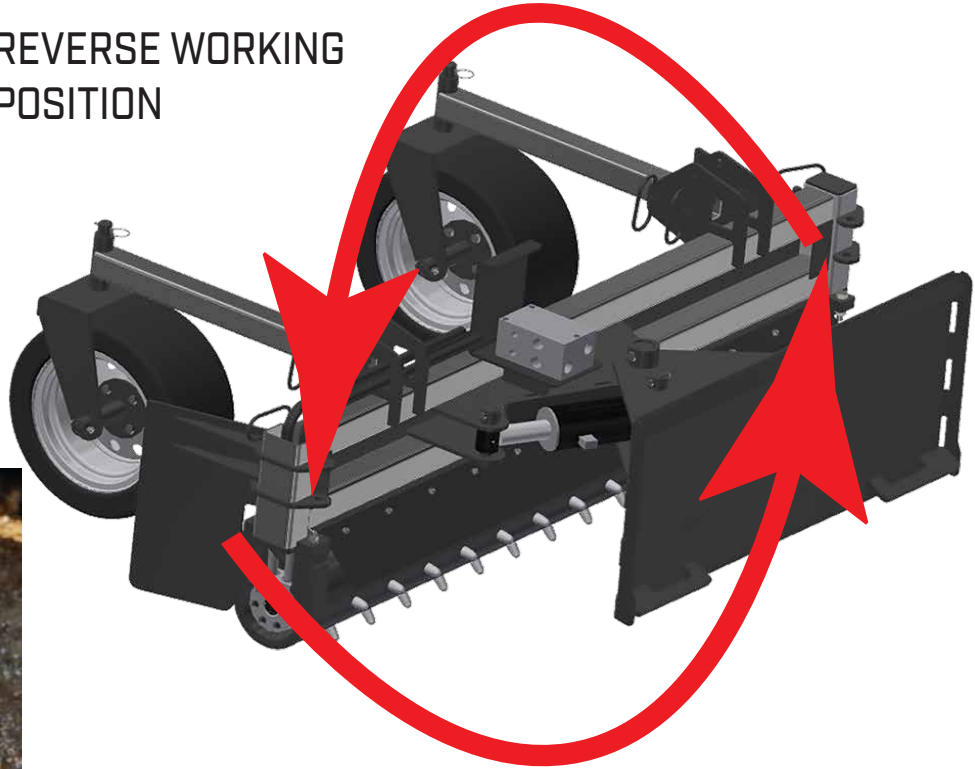
- working position (wings in the down position)
- storage position (wings in the up position)

3.9 RETAINING WINGS CONT.

If dirt needs to be pushed along while the skid loader is traveling in reverse, then the retaining wings should be installed according to the image below.



REVERSE WORKING POSITION



WORKING POSITION

- Retaining wings should be installed in the down position to push out rocks and debris from working path and during final finish grading.

STORAGE POSITION

- Retaining wings should be installed in the up position in unprepared and rough soil conditions.

NOTICE

Extremely rough and hard surface areas can damage the wings when they are installed in the down position.

Preparing Seed Beds

Follow these steps for preparing a seed bed:

1. **STAKEOUT** the desired location of the seed bed and **MARK** each corner using marking paint and wooden grade stakes.
2. Carefully **INSPECT** the work area for any hazards. **REMOVE** objects that could damage the attachment such as metal piping, fence materials, cables and large rocks.
3. **CUT** grass taller than 6 inches and **REMOVE** the clippings before using the Power Rake. Tall grass can wrap and bind around the drum reducing machine performance.
4. **BREAKUP** areas with hard soil by tilting back the Power Rake until the gauging wheels lift from the ground and the rotating drum contacts the surface. *Note: Gauging wheels may also be removed or stowed in the up position.* If the machine starts to “bog” down or stall out, increase the engine RPM to maintain steady drum rotation. The retaining wings should be in the stored position during this process. Multiple passes may be necessary to ensure hardened soil has been pulverized.
5. To **REMOVE** rocks and debris, install the retaining wings in the working position and tilt the rake forward until the gauging wheels touch the dirt. Position the skid loader at one end of the work area then drive straight and make overlapping passes until rocks and debris are removed.

3.11 OPERATING TIPS

TIPS

1. The Powered Rake should be set to operate level. Adjust the gauge wheel height to level the rake.
2. For best results any “green material” in the work area should be dry.
3. To thatch grass areas, lower the gauge wheels and tilt the rake forward so that the teeth on the drum are barely grazing the surface.
4. Use a loader bucket to remove large windrow piles.
5. NEVER engage the auxiliary hydraulics at full engine rpm.
6. When the power rake is operated at an angle the skid steer will want to continue to veer in the direction of the angle. The operator must make adjustment with the skid steer controls to keep a straight line of travel.
7. Maintain sufficient RPM to avoid stalling the rotating drum.
8. Operating the power rake in reverse will remove the skid steer tracks.

3.12 REMOVING DEBRIS WRAP

WARNING

Material such as rope, wire, roots, plastic etc. may wrap around the drum. STOP IMMEDIATELY and remove foreign material. A spinning drum can throw material causing injury to the operator and bystander. Material that wraps around the drum may cause premature wear and tear to bearing and bearing seals.

To remove wrapped roots and grass:

1. Stop the forward motion of the skid steer.
2. Raise the drum 12" above the ground.
3. Slowly reverse direction of the rotating drum.

To remove wrapped wire or rope:

1. Place your prime mover on a level surface.
2. Place your prime mover's transmission in "Park" and engage the parking brake.
3. Lower the power rake onto preplaced blocking that will support the frame so that the drum teeth are not in contact with the ground.

WARNING

To prevent serious injury or death, do not use blocking made of concreted blocks, logs, buckets, barrels or any other material that could suddenly collapse or shift positions. Do not use wood or steel blocking that is warped, twisted, or tapered.

4. Shut off your prime mover's engine, and relieve all pressure in the hydraulic lines.
5. Disconnect the hydraulic lines from your prime mover and connect the two ends to each other to allow the drum to rotate freely.
6. Remove the material from the drum while allowing it to rotate manually.

SECTION 4

MAINTENANCE PROCEDURES

4.0 MAINTENANCE OVERVIEW

The maintenance procedures described in this manual should only be carried out by qualified mechanics who have been trained to repair this machine.

Some procedures require special tools and skills to complete. DO NOT attempt to repair or perform service work on this machine unless you have the skills and tools to do so. Contact your local dealer for maintenance and repair services.

Welding Repairs

Contact your dealer before performing any type of welding repair to this cutter, as this may void warranty.

All authorized welding repairs must be performed by qualified welders in accordance to the American Welding Society (AWS) standards. Welding procedures performed by unqualified welders may deem this cutter unsafe to operate.

Parts




Only use genuine OEM replacement parts on this machine. The manufacturer or dealer will not be liable for any damages or injuries caused by the use of after market parts on this machine.

NOTICE

Improper maintenance or modifications to the design or performance of this machine will void the warranty.


Safety Instructions

Obey the following safety instructions when servicing or repairing this machine.

-  Wear proper Personal Protective Equipment (PPE) while working on this machine, which may include safety glasses, hard hats, steel toe boots, gloves, etc.
-  Wear a welding helmet when welding to protect your eyes, face and neck from flash burn, ultra-violet radiation and heat.
-  Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.

4.0 MAINTENANCE OVERVIEWVCONT.

 Only perform service work in a well-lit area.

 Allow the machine to cool down before servicing this machine. Hot oils can burn your skin.

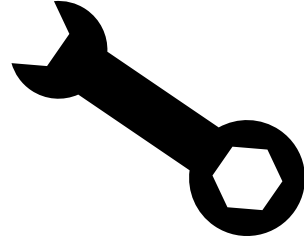
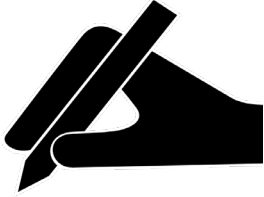
4.1 MAINTENANCE SCHEDULE

Your Power Rake will provide years of dependable service if routine maintenance procedures are performed. The maintenance tasks listed below are based on normal operating conditions. More frequent maintenance may be necessary with intense use or when operating in adverse environmental conditions.

MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
Check skid steer loader hydraulic fluid level. Add fluid as necessary.	X		
Check that all fasteners (nuts, bolts,, washers, pins, keepers) are in place. Tighten as necessary.	X		
Inspect and replace any worn, torn, or missing safety decals.	X		
Inspect hydraulic plumbing (hoses and connectors) for damage or leakage. Repair or replace hydraulic items as necessary.	X		
Check condition of drum and teeth.	X	X	X
Check power rake for major scratches and dings. Sand and repaint these areas to prevent rust damage. *Use a paint formulated for farm equipment which can be found at your local hardware store.	X	X	X

4.2 MAINTENANCE LOGS

Document all maintenance and service activities performed on this power rake using the maintenance log sheets included at the end of this manual.

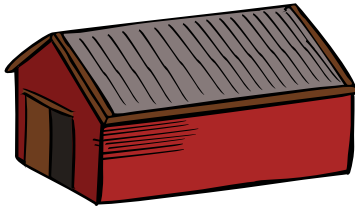


4.3 STORAGE TIPS

Follow these tips when storing your power rake for the season:



Ensure power rake is free of debris, dirt and grease.



Store your power rake in a dry shed or garage.



Cover your power rake with a weather resistant tarp when storing outside.

SECTION 5

TROUBLESHOOTING

5.0 TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Drum will not rotate.	1. Auxiliary hydraulic hoses not connected.	Connect hoses. (See Installation/Removal.)
	2. Auxiliary hydraulics not engaged.	Turn on auxiliary hydraulics.
	3. Air in hydraulic lines.	Cycle skid-steer auxiliary system several times to remove air from lines.
	4. Obstruction in hydraulic lines.	Replace obstructed or damaged line.
	5. Obstruction between rotor and material bar.	Reverse rotor to clear obstruction.
	6. Relief valve setting on skid-steer not properly adjusted.	Have skid-steer dealer set relief valve at correct pressure.
	7. Worn, damaged, insufficient, or inadequate pump.	Repair or replace hydraulic pump.
	8. Insufficient oil in system.	Service the skid-steer hydraulic reservoir.
	9. Hose ends not completely engaged.	Check hose coupling and engage properly.
	10. Sheared or missing drive key in sprocket.	Replace key – check shaft for damage.
Oil leaks.	1. Worn or damaged seal.	Replace leaking seal.
	2. Loose or damaged hoses.	Replace damaged hoses and secure loose hoses.
	3. Loose or damaged connections.	Replace damaged hose connections and tighten loose fittings.
Operating depth insufficient.	1. Wheels too low.	Raise wheels.
	2. Drum rpm too slow.	Increase skid steer RPM or adjust hydraulic flow to motor.
	3. Build up of dirt on drum.	Clean drum.

5.0 TROUBLESHOOTING CONT.

PROBLEM	CAUSE	SOLUTION
Too much dirt going into the windrow or dirt going over the top of the side plates.	<ol style="list-style-type: none">1. Operating2. Wheels set too high.	<p>Reduce ground speed</p> <p>Lower wheels.</p>
Hydraulic hose failure.	<ol style="list-style-type: none">1. Hose being pinched.2. Hoses worn or frayed.3. Hydraulic relief pressure set too high on skid steer.	<p>Reroute hose and fasten it out of the way.</p> <p>Replace hose.</p> <p>Adjust relief pressure.</p>
Drum balling up with soil.	<ol style="list-style-type: none">1. Soil too wet.2. Working in clay soil.	<p>Wait until soil dries.</p>
Excessive vibration and/or machine jumps over ground.	<ol style="list-style-type: none">1. Excessive debris wrapped on drum.2. Drum speed not correct.3. Hard soil condition.4. Damaged or bent drum unit.	<p>Remove trash (clean rotor). Increase drum speed if turning slow.</p> <p>Decrease drum speed if turning too fast.</p> <p>Wait for rain.</p> <p>Replace drum unit.</p>
Excessive tooth breakage.	<ol style="list-style-type: none">1. Operator is dropping rotating rotor rapidly into hard ground.2. Drum hitting large rocks or stumps.	<p>Retrain operator.</p> <p>Check work area before operating.</p>
Angle cylinder will not extend or retract.	<ol style="list-style-type: none">1. Electrical failure.2. Broken wire.3. Electric connections not making contact.4. Hydraulic system not activated.	<p>See skid-steer Operator's Manual.</p> <p>Replace or repair wire.</p> <p>Check wiring harness and switch connections.</p> <p>Engage drum drive motor before attempting to move angle cylinder.</p>

SECTION 6

SPECIFICATIONS

6.0 Specifications Chart

MODEL	DRUM DIAMETER	ANGLE DEGREE	WIDTH	WEIGHT	DRUM WIDTH
XPRW72	10.25"	20	79.5	1,004 LBS	72"
XPRW90	10.25"	20	95.5	1,332 LBS	90"

SECTION 7

PARTS INFORMATION

7.0 Parts Information Form

Factory fresh parts specifically designed for your implement are readily available.

For hassle free service and to ensure you receive the correct parts for your implement, please provide your dealer with the following information:

Model Number	
Serial Number	
GPM Requirements	
Date of Owners Manual (Bottom Left Corner of Cover Page)	
Parts Diagram Page Number	
Part Description	
Reference #	
Quantity Desired	
Ship To Information	
Bill To / Payment Information	

Use Genuine Parts from Construction Implements Depot, Inc.

SECTION 8

WARRANTY INFORMATION

8.0 Warranty Statement

Limited Warranty

Construction Implements Depot, Inc. products are warranted to be free from defects in workmanship or materials for a period of 12 months from the initial sale, lease or rental date.

Warranty Exclusions

This warranty does not cover normal wear items, including but not limited to: bearings, hoses, ground engaging parts such as teeth, blades, cutting edges, pilot bits, auger teeth and broom bristles. This warranty does not cover maintenance, service or adjustments. This warranty does not cover damage due to misuse, negligence, accidents, improper maintenance or modifications of this product. This warranty is void if any components have been disassembled, i.e., pumps, gear boxes or motors. Specially modified attachments built by CID X-treme Attachments to meet your customers' needs shall not be warranted by Construction Implement Depot, Inc. This warranty does not cover replacement parts not supplied by CID, Inc.

Warranty Statement

Our obligation under this Limited Warranty shall be solely limited to repairing or replacing any part (see non-covered items above) free of charge that, according to our judgment, show evidence of a defect in quality of workmanship or materials for the stated 12 month warranty period. All defective parts must be routed directly to CID, Inc. with freight or delivery charges to be prepaid. This limited warranty shall not be interpreted to render CID, Inc. liable for any injury or damage to persons, businesses or property of any kind nor expenses or losses incurred for labor, supplies, substitute machinery rental or for any other reason. Repair or replacement parts are subject to the supply conditions at the time of repair or replacements, which may directly affect our ability to obtain material and/or replacement parts. CID, Inc. reserves the right to make improvements in design or changes in specifications at any time without incurring any obligations to owners of previously purchased products. No one but CID, Inc. is allowed to alter, modify or enlarge this warranty nor the exclusions, limitations and reservation at any time.

8.1 Return Goods Authorization Policy

Warranty Service Procedure

RGA (Returning Goods Authorization) Policy:

If repairs are required, CID must obtain an RGA number from the manufacturer of the defective part and proof of purchase. RGA and services are rendered by CID only. Any responsibility of shipping costs on any item returned for repair is at the discretion of CID. All returned parts must have:

1. A legible RGA number written on the outside of the package.
2. A Service Request Form.
3. The defective part.

RGA numbers are only valid for 30 days from the date of issue. All shipped replacement parts will require a PO number from the original CID Customer. If the defective part is rendered non-warranty, the PO number will be invoiced for the replacement. Should you have any problems with your attachment, please follow the following procedures to obtain service.

1. Call the Warranty Department at (336) 859-2002 . You will need to provide the model and serial number of the defective item(s), a description of the problem and have photographs available.
2. Upon a warranted issue, visit www.cidattachments.com, click on the warranty tab, and fill in the warranty information. CID will retain an RGA number from the manufacturer of the defective part. If all the information above is fulfilled the manufacturer will issue an RGA number.
3. Obtain a PO number from the original CID customer. PO numbers will be invoiced in the event the defective part(s) is un-warranted
4. CID will ship a replacement part with a Service Request Form and RGA #. There will be a call tag with the Manufacturer's address and instructions for returning the defective part.
5. Once the defective part is warranted by the manufacturer, CID will be issued a credit and the PO number will be void.
6. In the event the manufacturer renders that the attachment be returned to CID for repair, CID will make arrangements for pickup and return. Repairs will be performed by CID qualified technicians. Non-warranted issues will be discussed and repairs will be performed upon agreement of the owner, and payment for parts and labor will be issued.

SECTION 9

SAFETY ACKNOWLEDGEMENT FORMS

SAFETY ACKNOWLEDGEMENT FORM

ATTENTION ALL OPERATORS: Print your name, sign and date in the boxes below to acknowledge that you have read and fully understand the safety instructions presented in this manual, and have been trained on how to safely operate this attachment.

OPERATOR NAME

SIGNATURE

DATE

SECTION 10

MAINTENANCE LOG SHEETS

MAINTENANCE LOG

Use this log sheet to document all routine maintenance and repair services performed on this machine.

DESCRIPTION OF MAINTENANCE / REPAIRS	SERVICED BY	DATE

MAINTENANCE LOG

Use this log sheet to document all routine maintenance and repair services performed on this machine.

DESCRIPTION OF MAINTENANCE / REPAIRS	SERVICED BY	DATE

MAINTENANCE LOG

Use this log sheet to document all routine maintenance and repair services performed on this machine.

DESCRIPTION OF MAINTENANCE / REPAIRS	SERVICED BY	DATE

DENTON



NORTH CAROLINA

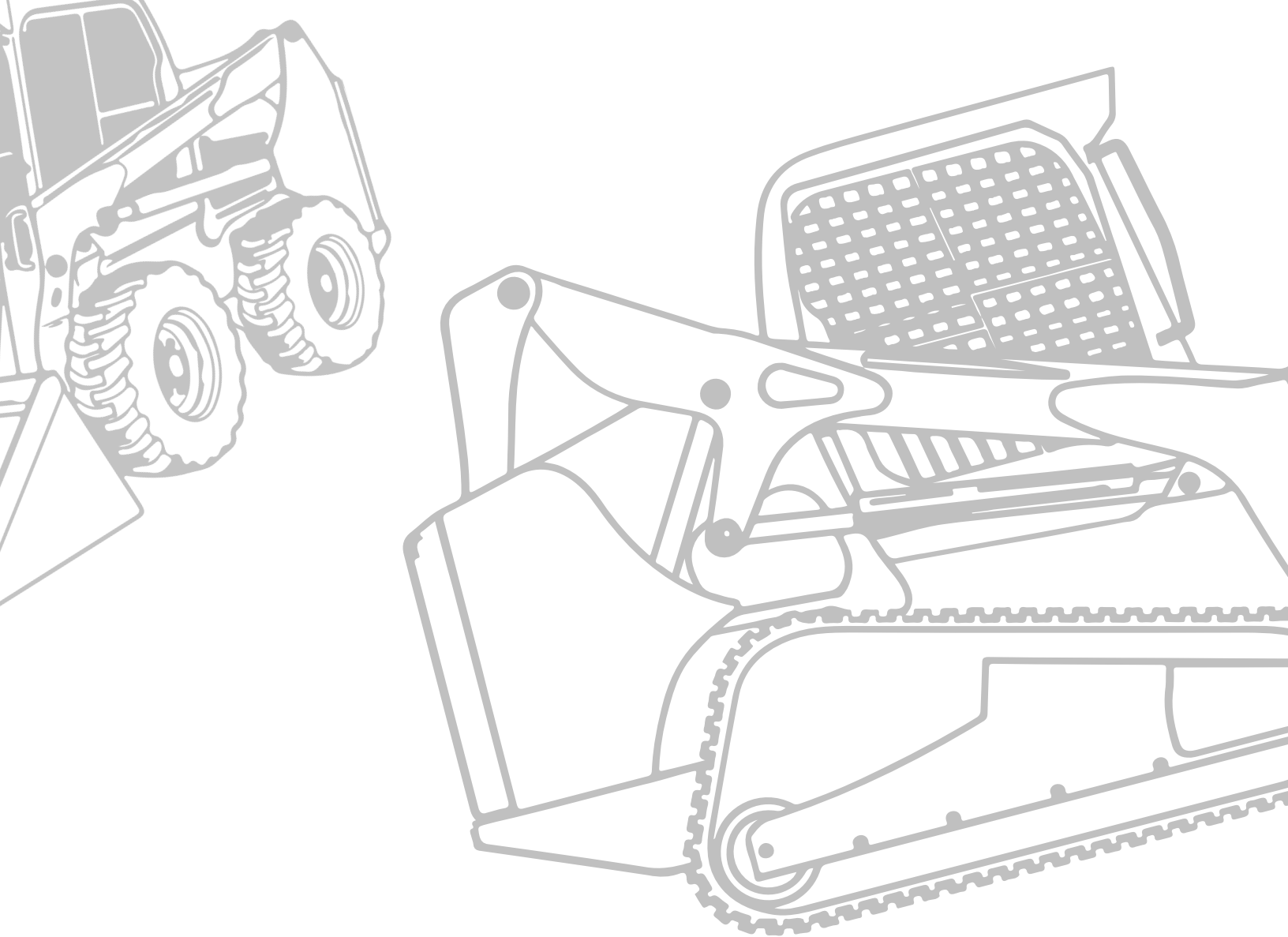


NOTICE

This manual must remain with this machine.



Store manual in the attached document canister.



CID

ATTACHMENTS

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