



# CID

# TREE SAW

## ATTACHMENTS

# X-TREME

OWNER'S MANUAL



X-TREME MANUAL ROTATING TREE SAW



X-TREME FIXED TREE SAW

## REGISTER YOUR PRODUCT



**336-859-2002**

MODEL

WEIGHT

PART

HP RANGE

SERIAL

HYDRAULIC PRESSURE

HYDRAULIC FLOW

[WWW.CIDATTACHMENTS.COM](http://WWW.CIDATTACHMENTS.COM)

Please see the inside of the back cover for instructions of where to find your model and serial number.

## **WARNING**

To prevent personal injury or even death, be sure you read and understand all the instructions in this manual and other related OEM equipment manuals! This attachment if not used and maintained properly, can be dangerous to users unfamiliar with its operation. Do not allow operating, maintaining, adjusting, or cleaning of this attachment until the user has read this manual and has developed a thorough understanding of the safety precautions and functions of the unit. This attachment is designed for the purpose specified. DO NOT modify or use this attachment for any application other than that for which it was designed. Attachments maintained or operated improperly or by untrained personnel can be dangerous, exposing the user and/or bystanders to possible serious injury or death.

Purchase Date:

Dealer Name:

Address:

Phone Number:

## WELCOME

**T**hank you for choosing CID. This attachment has been designed and manufactured to meet the needs of discerning users. 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 this attachment. All users must read and understand this manual before operating this machine. Upon reading this manual, all users should sign the “Safety Acknowledgment 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](http://www.cidattachments.com).

*Sincerely,*

*The CID Team*



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**IMPORTANT WARRANTY DISCLAIMERS**

**ATTENTION:** If your attachment has control valves, cylinders, gearboxes, or motors and they are opened or disassembled, the **WARRANTY** for that item **WILL IMMEDIATELY BE VOIDED!**

**GEAR OIL STATEMENT:** *If applicable in your attachment, check gear oil before each use:*

We recommend using **85-140 grade gear oil**, for use with all our gear boxes, and bearing housings which is separate from the hydraulic fluid used to move your attachment or machine.

(Exception: gear oil used in mulchers is Shell Omala S2 GX 150!)

**HYDRAULIC FLUID STATEMENT:** Check your machine’s hydraulic level and add hydraulic fluid if necessary before each use. Inspect for leaks, and repair if necessary. **Always use your machine’s manufacturer recommended hydraulic fluid in your machine!** Fluid must be clean and debris free. If damage occurs from debris in hydraulic fluid flowing from your machine to our attachment it will VOID the warranty on any cylinders, motors, couplers, manifolds &/or valves (relief, lock, selector, check and flow control) down line from that flow.

**NOTE:** If your attachment requires a case drain, the warranty **WILL BE** immediately voided if the attachment is ran without it. Please refer to specifications sheet on page 35 of this manual.



**WARNING:** This product can expose you to chemicals including benzene and mineral oils, which are known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# SECTION 2

## SAFETY INFORMATION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
Tree Saw	implement, attachment, product, saw, tree saw, rotating tree saw, manual tree saw
Machine	skid steer loader, tractor, loader, prime mover, host machine, skid steer
Operator	user, personnel

This **Tree Saw** 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. NEVER allow untrained people to operate attachment. Accident prevention is a combination of good judgment, common sense, awareness and proper training!



**BEFORE YOU OPERATE THIS TREE SAW:**

KNOW how to safely operate your machine.

READ and UNDERSTAND the safety instructions and operating procedures contained in this manual.

ACKNOWLEDGE your understanding of all safety instructions presented in this manual by signing the “Safety Acknowledgment 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.

This manual and the decals on this attachment 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.

## 2.1 SAFETY SYMBOLS

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
	<p><b>PINCH HAZARD:</b> Keep clear of machine and attachment to prevent death or serious injury from pinching of moving parts.</p>
	<p><b>FLYING DEBRIS HAZARD:</b> ONLY operate this attachment using a machine that has a shatter proof cab to prevent death or serious injury from objects being thrown.</p>
	<p><b>OPERATING MANUAL:</b> Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.</p>
	<p><b>EYE PROTECTION &amp; CARDBOARD:</b> 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.</p>
	<p><b>HIGH PRESSURE FLUID INJECTION HAZARD:</b> 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.</p>
	<p><b>NO BYSTANDERS:</b> DO NOT operate this attachment near bystanders. Bystanders must stay back at least 300 feet from the attachment to prevent death or injury from objects being thrown.</p>
	<p><b>CRUSH HAZARD:</b> DO NOT place any part of the body under the attachment or machine to prevent death or serious injury from being crushed .</p>
	<p><b>AMPUTATION HAZARD:</b> Keep hands and feet away from cutting blades. Do not operate without guards in place. Turn off engine before servicing</p>

## 2.2 SAFETY DECALS

Safety warning decals are located on this attachment near immediate areas of potential hazards. Operators must learn the meaning of each decal and know where to find the decal on the attachment.






*\*Teeth Styles Shown May Not Be The Current Version*

## 2.2 SAFETY DECALS

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:

REF	DESCRIPTION	LABEL	QTY
1	DANGER / WARNING COMBO LABEL		1
2	WARNING DO NOT EXCEED GPM LABEL		1
3	DANGER STAY BACK		

*\*WHEN ORDERING, CHOOSE THE PROPER DECAL FOR YOUR MODEL*

### CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS

**!** Decals must be kept clean and legible at all times.

**!** Operators must inspect the attachment for safety decals.

**!** Replace missing, worn or damaged decals immediately.

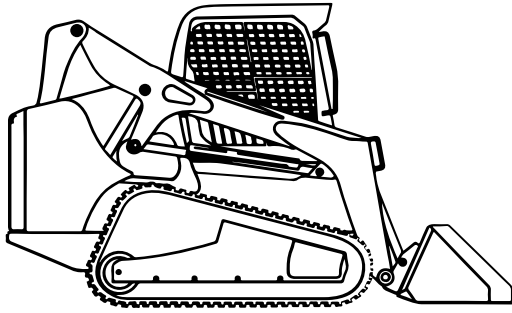
**!** When using a hot pressure washer to clean this attachment make sure

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 attachment.

**!** Make sure metal surface is dry and free of dirt and grease before affixing decals to this attachment.

## 2.3 SKID STEER LOADER REQUIREMENTS



Tracked

VS.



Wheeled

A Tracked Skid Steer or Compact Track Loader (CTL) will provide superior stability in this application.

### **! WARNING**

A screen structure is recommended over the windows and door to prevent injury or even fatal accident to the operator.

### **! CAUTION**

Make sure your machine is in good operating condition. Follow the operating instructions found in the operator's manual. Failure to do so could result in minor or serious injury.

**Machines MUST HAVE impact resistant windshields, cab side windows & doors.**

**Consult the host machine's rated operating capacity to ensure you have the proper lift capacity for optimal operation of your attachment.**

**Flow range MUST support the attachment.**

## 2.4 PERSONAL PROTECTIVE EQUIPMENT (PPE)

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



## 2.5 GENERAL SAFETY INSTRUCTIONS



**MAKE SURE YOU FOLLOW THE GENERAL SAFETY INSTRUCTIONS THAT RELATE TO THE OVERALL OPERATION AND MAINTENANCE OF THIS ATTACHMENT. IT IS IMPORTANT THAT YOU READ AND UNDERSTAND EACH OF THESE MESSAGES TO PREVENT SERIOUS INJURY OR DEATH.**

- ⚠ **NEVER** use drugs or alcoholic beverages while operating or servicing this attachment.
- ⚠ **DO NOT** allow children to play on or around this attachment at any time. Store this attachment in an area not frequented by children.
- ⚠ **ALWAYS** operate this attachment during daylight or well-lit areas.
- ⚠ **ALWAYS** wear the proper personal protection equipment while operating or servicing this attachment. **NEVER** operate or service this attachment with bare feet, sandals, or other light footwear.
- ⚠ We recommend using a high strength clear protective door panel when using with this attachment.
- ⚠ **ALWAYS** wear work gloves when handling this attachment to protect your hands.
- ⚠ To prevent the machine and attachment from rolling forward, stop the engine and set the parking brake when exiting the machine.
- ⚠ **ALWAYS** use eye protection while operating or servicing this attachment.
- ⚠ Inspect attachment for loose or missing hardware prior to using this machine.
- ⚠ **ALWAYS** watch for overhead power lines.
- ⚠ **DO NOT** operate this attachment during lightning or severe weather conditions.
- ⚠ **DO NOT** place any part of your body under this attachment.
- ⚠ **DO NOT** allow riders on the machine or on this attachment.
- ⚠ **NEVER** operate this attachment when bystanders are within 300 feet of your work area. Flying debris could cause serious injury or death.
- ⚠ **ALWAYS** call 811, the “Digger’s Hotline” before digging to identify underground utilities to avoid an accident that could result in Death or Serious Injury to the operator.
- ⚠ **NEVER** position your body or limbs under an unsupported attachment.
- ⚠ **DO NOT** speed! Speed Kills! Keep your driving speed between 2 and 5 mph.
- ⚠ **DO NOT** allow this attachment to contact buildings, utilities, or large rocks or you may lose control of the machine.
- ⚠ **NEVER** leave equipment unattended with the engine running, or with this attachment in a raised position.

## 2.6 FEDERAL LAWS & REGULATIONS

### IMPORTANT FEDERAL LAWS AND REGULATIONS CONCERNING EMPLOYERS, EMPLOYEES, AND OPERATORS

This section is intended to explain in broad terms the concept and effect of the following federal laws and regulations. It is not intended as a legal interpretation of the laws and should not be considered as such.

#### **U.S. PUBLIC LAW 91-596 (The Williams-Steiger Occupational Safety and Health Act of 1970) OSHA**

##### **This Act Seeks:**

“ ... to assure so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources...”

##### **Sec. 5(a) Each Employer – DUTIES**

( 1) shall furnish to each of its employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to its employees.

( 2) shall comply with occupational safety and health standards promulgated under this Act.

(b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his or her own actions and conduct.

##### **OSHA Regulations**

Current OSHA regulations state in part: “At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee in the safe operation and servicing of all equipment with which the employee is, or will be involved.” These will include (but are not limited to) instructions to:

Keep all guards in place when the machine is in operation;

Permit no riders on equipment;

Stop engine, disconnect the power source, and wait for all machine movement to stop before servicing, adjusting, cleaning, or unclogging the equipment, except where the machine must be running to be properly serviced or maintained, in which case the employer shall instruct employees as to all steps and procedures which are necessary to safely service or maintain equipment.

Make sure no one is within 300 feet of machinery before starting the engine, engaging power, or operating the machine.

##### **EMPLOYEE MACHINE OPERATING INSTRUCTIONS:**

1. Securely fasten your seat belt if the machine has a safety operating system.
2. Where possible, avoid operating the machine near ditches, embankments, and holes.
3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
4. Stay off slopes too steep for safe operation.
5. Watch where you are going, especially at row ends, on roads, and around trees.
6. Do not permit others to ride.
7. Operate the machine smoothly - no jerky turns, starts, or stops.
8. Hitch only to the drawbar and hitch points recommended by machine manufacturers.
9. When machine is stopped, set brakes securely and use park lock if available.

##### **Child Labor Under 16 Years Old**

Some regulations specify that no one under the age of 16 may operate power machinery. It is your responsibility to know what these regulations are in your own area or situation. (Refer to U.S. Dept. of Labor, Employment Standard Administration, Wage & Home Division, Child Labor Bulletin # 102).

# SECTION 3

## OPERATING PROCEDURES

Your attachment may arrive 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. Keep bystanders away and wear safety glasses and gloves while removing the steel straps.

### 3.1 PRE-OPERATING CHECKLIST

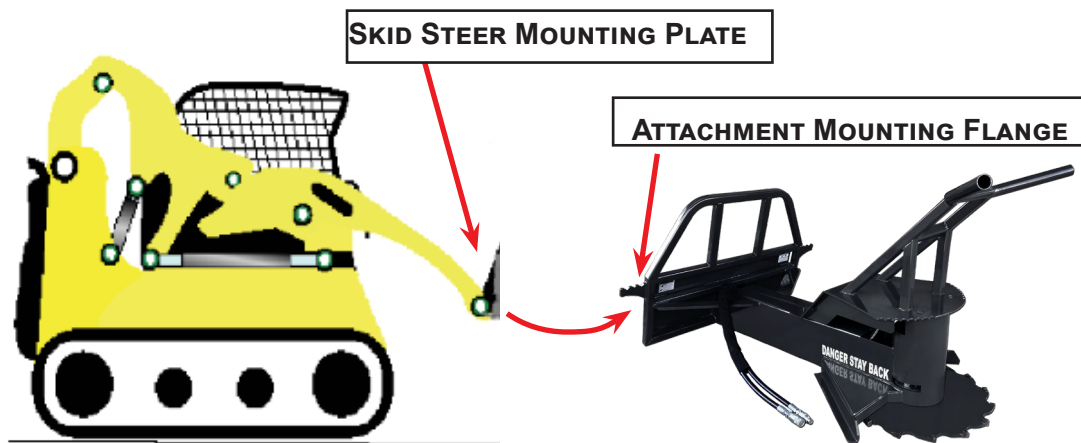
Pre-Operating Checklist	
<input type="checkbox"/>	Tree Saw is securely attached to the machine and pins locked.
<input type="checkbox"/>	Hydraulic hoses are connected and locked to the host machine's hydraulic couplers with no signs of hydraulic fluid leaks present.
<input type="checkbox"/>	Attachment is in working condition, there are no missing teeth, and all bolts and nuts are tight.
<input type="checkbox"/>	Safety labels are present and legible.
<input type="checkbox"/>	No material, rope, wire, etc. is obstructing the machine or saw.
<input type="checkbox"/>	The area of operation is clear of bystanders and any obstacles that could damage the equipment or injury to the operator.
<input type="checkbox"/>	The operator is of good health and not under the influence of any mind altering substances or alcohol.
<input type="checkbox"/>	Check the machine's hydraulic fluid level and add manufacturer recommended fluid if necessary. <i>Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.</i>

## 3.2 HOW TO CONNECT TREE SAW ATTACHMENT GENERAL ATTACHMENT METHOD

Refer to your machine's manual for specific instructions on how to connect and disconnect your attachment.

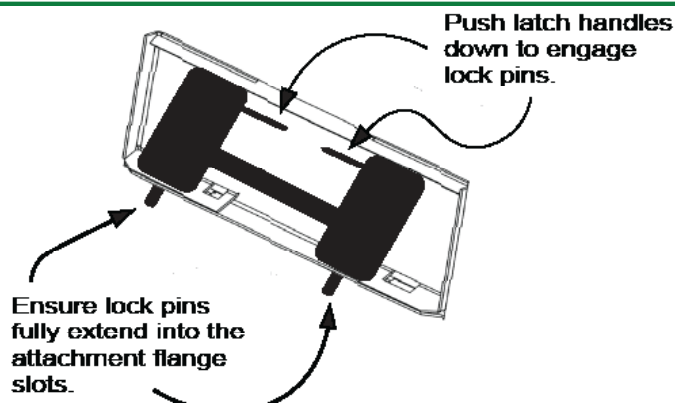
This attachment method refers specifically to skid steers. For all other attachment instructions, refer to the Original Equipment Manufacturer (OEM) for instructions.

1. Make sure the hydraulic lines are clear from the front side of the saw's attachment plate and that the locking pins on the skid steer quick attach mechanism are in the unlocked position.
2. Drive the skid steer to the attachment plate and tilt the skid steer coupler forward and hook the top edge of the skid steer quick attach mechanism under the lip of the saw's attachment plate. See figure 3.2a below.
3. Slowly raise and tilt back the skid steer mounting plate, moving upward until the saw's attachment plate is flat against the skid steer quick attach mechanism. See figure 3.2a below.



**FIGURE 3.2A - SKID STEER MOUNTING PLATE TO ATTACHMENT MOUNTING FLANGE**

4. Activate your skid steer's lever lock switch to engage and lock the pins into the flange slots of the saw's attachment plate. If your skid steer does not have this switch, push the latch handles down until you can see the lock pins extend into the attachment flange as shown in Figure 3.2b below.



**FIGURE 3.2B QUICK ATTACH COUPLER  
LOCKED TO ATTACHMENT PLATE**



**FIGURE 3.2C TRACTOR PIN ON  
HOOKUP**

## 3.2 HOW TO CONNECT TREE SAW ATTACHMENT CONT.

**! 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 attachment from detaching from machine.

**NOTICE** To keep contaminants from entering the hydraulic system, use a clean cloth to wipe away dirt and grease from the hydraulic couplers and cover with plastic or metal caps when not in use.

5. Connect the attachment's hydraulic hoses and the case drain hose (when applicable) to the auxiliary supply couplers located on your skid steer loader lift arm.

**NOTICE** Check that hydraulic hoses are locked into the machine's couplers with the preferred output auxiliary port corresponding to the correct input line on the attachment before use.

Check the hose routing through the full range of intended motion before operating attachment. It is the responsibility of the owner/operator to make sure the hoses are routed correctly and are not pinched.

**! CAUTION**  
ALWAYS visually inspect and verify that the coupler lock pins are fully engaged through the latch slots on the attachment plate.

**! DANGER**  
NEVER enter the area underneath the coupler or any part of the attachment when it is in the raised position to avoid an accident that will result in Death or Serious Injury!

---

## 3.3 TREE SAW CONTROLS

### TREE SAW CONTROLS

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

**! CAUTION**  
It is extremely crucial to protect your hydraulic hoses from damage or destruction as hydraulic failure could result in damage to your attachment or machine and death or serious injury.



Please refer to our “Hydraulic Fluid and Oil Statement” on Page 5 for gear oil or hydraulic fluid instructions.



### HYDRAULIC FLOW

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

DO NOT EXCEED the designated flow rate (GPM) as damage to hydraulic components can occur.

### NOTICE

If the hydraulic function operates in the opposite direction than preferred, change the positions of the quick disconnect couplers on the attachment hoses to remedy the problem.

### NOTICE

ALWAYS release the hydraulic system pressure from the hydraulic circuits prior to removing the attachment or any service work.

### ! WARNING

Make sure the case drain hose is properly attached to the host machine’s case drain connection.

**Warranty WILL BE void if attachment is ran without the case drain hose connected.**

(When Applicable) Excessive hydraulic pressure can blow out seals and damage the motor.

---

## 3.5 PREPPING FOR FIRST TIME USE

Verify that hydraulic hoses are securely locked to the machine hydraulic couplers before starting to use this attachment.

### NOTICE

Before operating the attachment, check the hydraulic fluid in the machine and add fluid if necessary..*Please refer to our “Hydraulic Fluid and Oil Statement” on Page 5 for gear oil or hydraulic fluid instructions.*

### 3.5 PREPPING FOR FIRST TIME USE CONT.

1. After starting machine, lift attachment eighteen (18) inches off the ground surface:
2. Set machine engine RPM to just above idle.
3. Slowly engage the auxiliary hydraulic flow to the attachment until full RPM.
4. Let the attachment run for 30 seconds then engage in workload for 30 seconds.
5. Disengage hydraulic auxiliary flow and wait for blade to stop before lowering the attachment to the ground.
6. Shut off machine engine and exit the operator's cab.
7. Check the hydraulic fluid level in the machine, add manufacturer recommended fluid if necessary.
8. Inspect the hydraulic lines & connectors for noticeable leaks\*. Fix before continuing. **\*Hydraulic lines may not show any leaks until under use.**

#### **DANGER**

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 cardboard. In the event of fluid injection in the skin, see a doctor IMMEDIATELY as the fluid must be surgically removed right away or gangrene may result.

---

### 3.6 LEARNING YOUR ATTACHMENT

#### **DANGER**

NEVER operate the attachment when bystanders are within 300 feet of your work area.

#### **CAUTION**

USE CAUTION when operating on un-level ground surfaces. A machine roll over could result in Minor or Serious Injury. ALWAYS wear your seat belt when operating this attachment.

1. Before using this attachment, make sure you are knowledgeable and comfortable with the operation of the auxiliary hydraulic control as outlined in previous sections of this manual and in the machine's operator's manual.

## 3.6 LEARNING YOUR ATTACHMENT CONT.

2. When operating this attachment, set the machine throttle at a speed that will produce the required flow. If the machine is equipped with a foot throttle, use it to control engine speed and power being delivered to the attachment. Refer to your machine manual or call your local machine dealer for additional help if necessary.
3. Learn what the attachment looks like in a level position when you are seated in the machine. This will help you when operating the attachment.
4. The correct operating speed while using this attachment depends on the application and condition and can usually be monitored by sight, sound and feel and depends on the material density.
5. Note that if the machine engine is bogging down because of the effort to cut with the attachment, it will be necessary to decrease the cut size until the machine's power can overcome the material load on the attachment.

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## 3.7 BEFORE STARTING

### DANGER

ALWAYS contact 811, the "Digger's Hotline" to identify underground utilities to avoid an accident that could result in Death or Serious Injury!

### WARNING

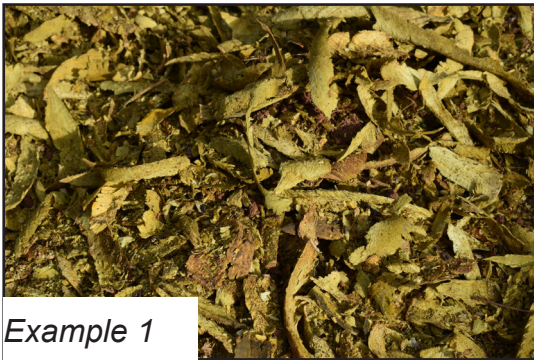
EXPOSURE to crystalline silica dust along with other hazardous dusts may cause serious or fatal respiratory disease. It is recommended to use dust suppression, dust collection and if necessary personal protective equipment during the operation of any attachment that may cause a high level of dust.

1. Inspect the area to be worked and make sure it is free of any buried utilities, rocks, fence posts, or any other hazards or objects that you do not want to move.
2. Observe overhead electrical and other utility lines. Be sure equipment will clear them.
3. Determine a safe and efficient pattern before the start of the job.



### 3.8 DETERMINING THE PROPER CUTTING PROCESS

1. Each tree or limb requires a complete evaluation.
2. Assess the circumference of the tree and the fall path to prevent damage or injury.
3. Be aware of the type of wood being cut; soft, hard, old, or knotty.. **See Section 3.10**
4. For most woods types, the chips from cutting trees or limbs, should look like long curled shavings and long wood chips. **See Example 1**
5. **SOFT WOOD:** The Tree Saw should easily cut through the wood without difficulty. When not sure if cutting correctly, review the photo below to see what the wood chips should look like.
6. If the wood chips are like fine dust, you are either cutting hard wood or the teeth are dull and may need rotated or replaced.
7. **MEDIUM WOOD:** As the wood progresses in density, the size of long curled shavings may decrease some but should still look similar.
8. **VERY OLD OR HARD WOOD:** These trees may require smaller “bites”, slower cutting and may create more of a fine dust than long curled shavings. **See Examples 2**



Example 1

#### NOTICE

If beginning to cut and the tree saw jerks, too big of a bite of wood is being taken. Decrease the size of the bite, and try again. When first starting, move slower as it may take time to operate this attachment effectively.



Example 2

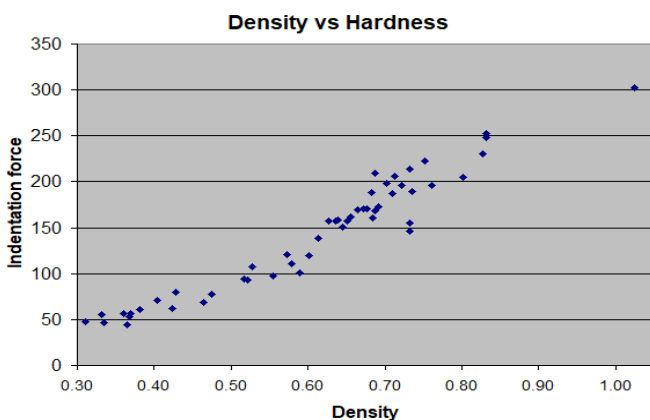
#### CAUTION

Use caution when cutting old, hard wood as it may cause the tree saw blade to smoke or create a fire hazard due to the friction. When cutting, keep the blade level to prevent unnecessary blade friction.

\*Teeth Styles Shown May Not Be The Current Version



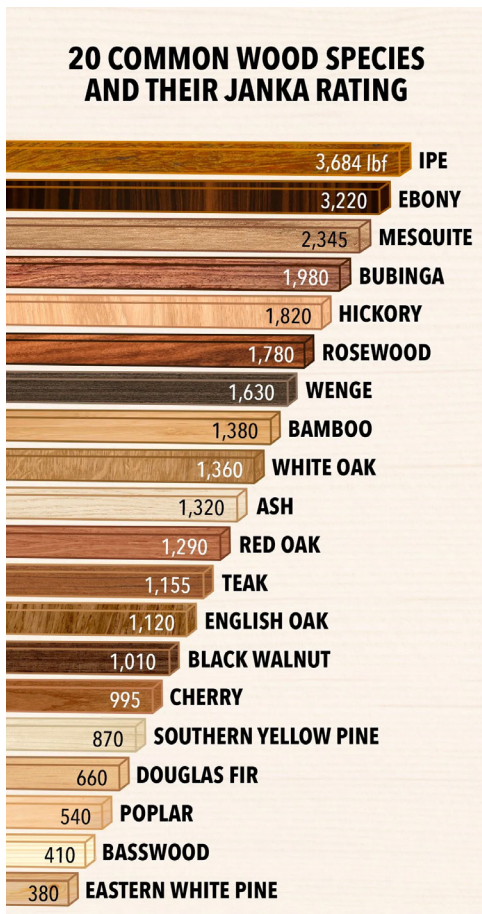
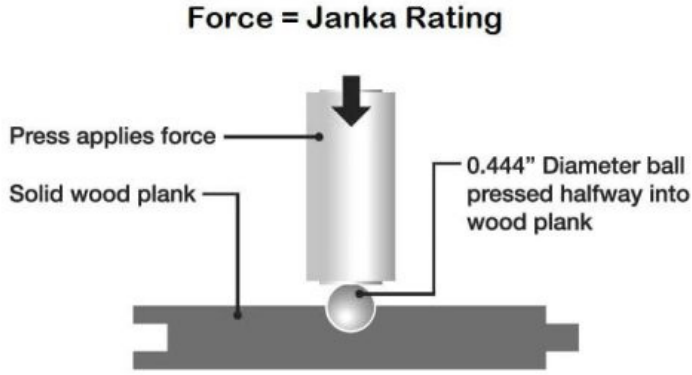
### 3.9 DETERMINING THE HARDNESS OF THE WOOD



When preparing for cutting trees/limbs, it may be difficult to ascertain the hardness of the wood. Old and dried out wood may be even more difficult to judge. The Janka Hardness & Density Rating may be a helpful tool to guide you on the hardness and wood density, which will guide the process of cutting. **SEE THE FOLLOWING**

**PAGE FOR CHARTS TO HELP YOU DECIDE.**

### 3.9 DETERMINING THE HARDNESS OF THE WOOD CONT.



Species	Pressure to Mar (In Pounds)
Hickory, Pecan	1,820
Hard Maple	1,450
White Oak	1,360
Beech	1,300
Red Oak	1,290
Yellow Birch	1,260
Green Ash	1,200
Black Walnut	1,010
Soft Maple	950
Cherry	950
Hackberry	880
Gum	850
Elm	830
Sycamore	770
Alder	590
Yellow Poplar	540
Cottonwood	430
Basswood	410
Aspen	350

### 3.10 MOVING WITH THE TREE SAW



When moving with the Tree Saw attached, it is important to raise the attachment at least 12-18 inches off the ground to prevent damaging it.

### 3.11 CUTTING INSTRUCTIONS

1. With the tree saw hydraulics activated, engage the track/wheels and move forward and begin to cut tree while keeping pressure on the tree with the pusher bar.
2. **DANGER: Be aware of any leaning trees. Use extreme caution if a tree is leaning. Always cut from the opposite side if possible, so as to facilitate gravity for a natural fall.**
3. The angle of the approach/cut can aide the tree fall direction but will not necessarily determine the exact angle the tree may fall.
4. Use the machine's tilt function to tilt the saw downward at about a 5 degree angle when cutting to prevent the tree from falling backwards onto the machine. Use push bar or saw head to push tree forward and control fall away from the machine.
5. For smaller trees, be aware, once the blade completely cuts through, the tree can be thrown suddenly to the side of the direction of the blade rotation.
6. Only cut into the tree at a slow, steady pace.
7. While the attachment is cutting, move the machine towards the tree and continue pushing with push bar until the tree falls.
8. Additional cuts can be completed to decrease the height of the stump.

---

### 3.12 OPERATING GUIDELINES

#### **DANGER**

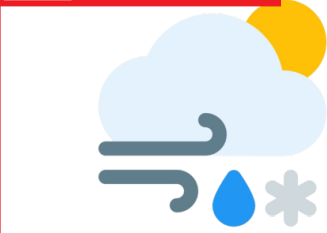
To prevent death from electrocution, NEVER operate this attachment or allow trees to fall near/on electrical wires or cables.

1. ALWAYS inspect the work area before starting the job. Locate and mark any utilities (also turn utilities off), steel posts, rocks or any other objects that could be damaged or could damage this attachment during operation.
2. NEVER assume the work area is safe and skip the inspection before start of operation.
3. Operate at a safe slow-paced speed that will allow you to watch the area ahead and behind the attachment and machine.
4. **Look behind you** and/or utilize your mirrors and back-up camera when backing up.
5. VERIFY that your back-up alarm and camera are working properly to warn others when you are in reverse, but NEVER think that the alarm or camera replaces your responsibility to visually check what is behind you.
6. Attachment control is the most important element to getting a good steady work flow.
7. Before beginning your forward motion with your attachment, stop the machine and make any final adjustments to the attachment for angle and height.
8. When using your hydraulic attachment, make sure that you can visually see the tree. Beware of pushing or pulling down trees in which you cannot visually see the process.
9. To finish cutting the tree, move forward while pushing the tree.
10. To save service work and down time, always pay attention that tree branches or roots do not poke through past the attachment arms and damage any hydraulic parts or even enter the cab area.

### 3.12 OPERATING GUIDELINES CONT.

11. Be careful that a branch or root does not “whip” back at the machine. The manufacturer **REQUIRES** a closed in cab with the door shut.
12. Keep your machine and attachment away from any type of utility, whether underground or in the air. If you lift your boom too high, you may further reduce your tractive power or cause unstable lifting or moving conditions.
13. **NEVER** operate in high wind or other adverse and unsafe weather conditions.
14. When using your attachment, make sure that you can visually see the attachment. Beware of swinging or extreme movement that may occur when you lift your attachment or cut through a tree. Anticipate the fall path and keep yourself and others from being in the fall path.
15. **NEVER** over-extend or overload the attachment in such a way that it exceeds the limits of the host machine and the center of gravity.

**! DANGER**



Never use this attachment in wind, snow, hail, or other severe weather events or any other conditions that can cause tip over, loosening of strapping, or load swinging conditions.

#### Proper Lifting of Tree Saw

1. Lift the tree saw and verify the center of gravity. Always double check the machine for correct capacity, and other safety issues like tipping load or sudden movement of attachment.

2. Slightly lift the attachment in preparation of cutting and make sure not to overextend the lifting capacity of your machine, attachment, or overextending past the Center of Gravity (COG).

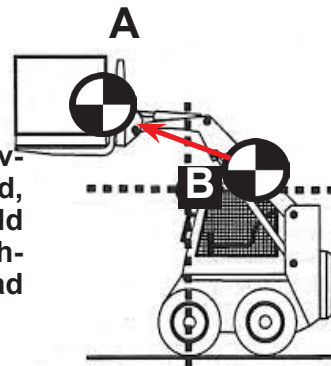
**! WARNING** Remember: The attachment weighs near 1,000 lbs. The COG must be centered to prevent the host machine from tipping.

#### **! DANGER**

**NEVER** over extend your boom past what is reasonable for your machine, or the attachment, or anywhere that extends the “Center of Gravity” (of machine with combined load) to an unsafe position.

Note: When your center of gravity moves past point “B”, and keeps extending past point “A” the further out it extends, the greater the risk of the load position shifting forward. As in Example 1, the center of gravity should always be within both axles of the machine and never past that point or instability will occur.

Your COG (Center of Gravity) when loaded, unloaded, moving, or stationary, should always be within your attachment, or skid steer max load capacity at all times.



### 3.13 HOW TO DISCONNECT TREE SAW

1. Park machine on a flat and level surface then lower tree saw to the ground.
2. Wait for blade and motor to stop completely or run into tree or material being cut to quickly stop the blade. Make sure it fully stops before exiting the operator's cab.
3. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure. (Refer to dealer or machine manual for further instructions.)
4. Set parking brake and disengage lock pins using the lock lever switch (if installed skip step #7).
5. Turn off machine engine.
6. Disconnect hydraulic hoses and connect together or install dust caps to prevent contaminants from entering the hydraulic system.
7. Pull latch handles to disengage lock pins.
8. Re-enter cab and start machine engine.
9. Tilt mounting coupler forward until quick attach coupler is free from mounting bracket.
10. Drive machine backward to clear attachment.



# SECTION 4

## MAINTENANCE PROCEDURES

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

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

### **WARNING**







Only use genuine Original Equipment Manufacturer (OEM) replacement parts on this attachment. We will not be liable for any damages or injuries caused by the use of after market parts on this attachment.

### **NOTICE**

Improper maintenance or modifications to the design or performance of this attachment will void the warranty. **ONLY** use genuine OEM replacement parts on this attachment.

### **Safety Instructions**

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

-  Wear proper Personal Protective Equipment (PPE) while working on this attachment, which may include safety glasses, hard hats, steel toe boots, gloves, etc.
-  Only perform service work in a well-lit area.
-  If servicing is performed while the attachment is attached to the machine, turn engine off, set parking brake and chock wheels to prevent machine from moving.
-  Allow the attachment to cool down before servicing this attachment.
-  Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.
-  **NEVER** work under an unsupported attachment.

### **WELDING REPAIRS**

Welding on attachments must be performed by certified welders who have requested and obtained written approval from an authorized representative of the manufacturer before welding begins.

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 attachment unsafe to operate and **VOID THE WARRANTY!**

## 4.1 MAINTENANCE SCHEDULE.

This **Tree Saw** attachment will provide years of dependable service if routine maintenance procedures are performed. The maintenance tasks listed below are based on normal operating conditions and should never be performed while the attachment is in operation. More frequent maintenance may be necessary with intense use or when operating in adverse

MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
<p>Check host machine's hydraulic fluid level. Add manufacturer recommended fluid as necessary.</p> <p><i>Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.</i></p>	<b>X</b>		
<p>Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary.</p>	<b>X</b>		
<p>Inspect and replace any worn, torn, or missing safety decals.</p>	<b>X</b>		
<p>Inspect hydraulic hoses and connectors for damage or leakage. Repair or replace hydraulic items as necessary.</p>	<b>X</b>		
<p>Check oil level in bearing house. Add oil as necessary.</p>	<b>X</b>		
<p>Lubricate pivot joint using #2 lithium grease. (Manual Rotating Only)</p>	<b>X</b>		
<p>Change 85-140 oil in bearing house. *Change oil after 50 hours of first time use, then every 1000 hours or yearly.</p>			<b>X</b> 1,000 HRS
<p>Wash tree saw.</p>		<b>X</b>	
<p>Check tree saw for major scratches &amp; dings. Sand and repaint these areas to prevent rust damage.</p> <p>*Contact the manufacturer for approved OEM paint for your attachment.</p>			<b>X</b>

### DANGER

ONLY service the tree saw on stable, even terrain. NEVER park on sloped terrain to avoid being struck and killed or seriously injured by the unexpected rolling or movement of the attachment or machine.

#### 4.1 MAINTENANCE SCHEDULE CONT.

MAINTENANCE TASK	Daily /	WEEKLY	YEARLY
	Every 10 Hrs	EVERY 50 HRS	EVERY 2,000 HRS
<b>BEFORE STARTING Tree Saw:</b>			
All tree saw teeth are properly torqued and none are missing.	<b>X</b>		
Blade is in good condition. No cracks, gouges, or heat discoloration.	<b>X</b>		
All teeth are still in the wear zone and have not reached the weld line.	<b>X</b>		
<b>START UP:</b>			
All protective devices are in place and secure.	<b>X</b>		
Warning sign "Stay out of Reach" in place & visible.			
No unusual noises or vibrations.	<b>X</b>		
<b>SHUT DOWN:</b>	<b>X</b>		
When tree saw blade is binding or pinching			
When tree saw blade is jammed.	<b>X</b>		
Check Fastener Tightening Torques. <i>Instructions on Pg 28</i>		<b>X</b>	
Saw Blade Complete Inspection			<b>X</b>




## 4.2 TORQUE SPECIFICATION TABLE AND INSTRUCTIONS

### BOLT TORQUE INSTRUCTIONS

1. Apply and maintain proper torque on all bolts.
2. Use lubricated torque values when applying Loctite. **Do not grease or oil bolts.**
3. Wipe bolts clean and use Loctite 635 or equivalent before tightening bolts. May need curing activator.
4. Use a torque wrench to assure the proper amount of torque is being applied to the bolt.
5. **MUST CURE 72 HOURS BEFORE USE TO PREVENT LOOSENING OF BOLTS.**

### TORQUE VALUES

#### SAE GRADE 8

	DRY	LUBRICATED
	lb.-ft.	lb.-ft.
1/4"	12	9
5/16"	24	18
3/8"	45	35
1/2"	110	80
3/4"	380	280
7/8"	600	450
1"	910	680
1 1/4"	1820	1360
1 1/2"	3162	2688

## 4.3 TORQUE EQUIPMENT REQUIREMENTS

### TOOLS & EQUIPMENT REQUIREMENTS

To complete the maintenance procedures described in this section, you may need the following tools:

- 1/2 inch drive breaker bar
- 3/4 inch impact socket
- 1/2 inch impact socket
- Tapping Hammer
- 1/2 inch drive torque wrench
- Nylon pry bar set
- Safety stands
- **Loctite 635 or Equivalent-MUST CURE 72 HRS**
- Lifting device (overhead crane hoist, forklift)



#### NOTE:

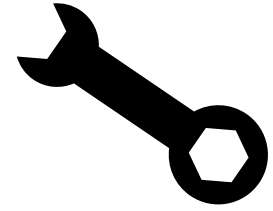
When removing bolts with Loctite, it will be necessary to apply localized heat of at least 250 degrees Celsius or to 482 degrees Fahrenheit to loosen bolts.

**LOCTITE 635 TECHNICAL SPECIFICATIONS FOR BONDING, CURING, REMOVAL AND INSTALLATION CAN BE FOUND HERE:**  
<https://next.henkel-adhesives.com/>

## 4.4 MAINTENANCE LOG INSTRUCTIONS



# MAINTENANCE LOG



Use the log sheets on at the end of this manual to document all routine maintenance and repair services performed on this attachment.

### 10. MAINTENANCE

#### MAINTENANCE LOG

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:
<i>Replace Putter Blades</i>	<i>Joe Smith</i>	01/24/24
<i>Inspect Hydraulic Plumbing</i>	<i>Joe Smith</i>	02/25/24
<i>Change Oil in Bearing Housing</i>	<i>Joe Smith</i>	04/24/24

## 4.5 STORAGE TIPS

To get years of quality use out of your attachment, follow these tips when storing your attachment for the season:

	<p>Ensure attachment is free of water, debris, dirt and grease.</p>
	<p>Store your attachment in a dry shed or garage.</p>
	<p>When storing your attachment for the season, cover with a weather proof tarp to protect it from the elements.</p>

## 4.6 BLADE SAFETY

### **! WARNING**

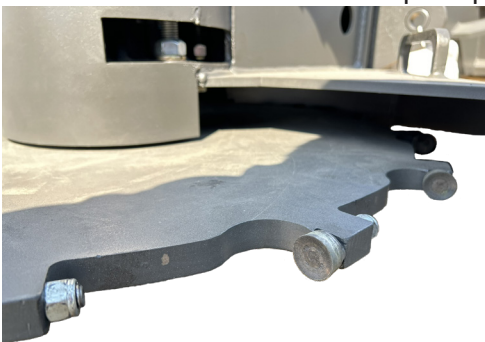
1. NEVER weld on a blade holder.
2. REPLACE the blade holder if cracks and/or excessive damage are present.
3. The blade holder MUST be disassembled at every 2,000 service hours (hour meter only) allowing for complete inspection which is impossible on an assembled unit.

## 4.7 TOOTH INSPECTION & REPLACEMENT



PRODUCT	TORQUE SPECS
POCKET BOLTS	220 FT-LBS DRY (180 FT-LBS LUBRICATED)
TEETH	35 FT-LBS

1. Place Tree Saw firmly on the ground with the blade in the horizontal position and lock out in place.
2. With gloves, slowly rotate the blade by hand.
3. Thoroughly clean the visible part of BLADE, all TOOTH HOLDERS, and TOOTH.
4. Carefully inspect each TOOTH, TOOTH BOLT, and SPACER for looseness, cracks, damage, or excessive wear.
5. All damaged or loose parts must be replaced. Refer to Tooth & Tooth Holder Torque Specifications Chart above for tightening torque value and tightening condition.
6. Carefully inspect ALL teeth. Each Tooth should have visible wear remaining before the weld line.
7. If there is more wear available on a different section of the tooth, it may be Rotated 180 degrees.
8. To replace Tooth, loosen Tooth Nut and back out. Tap on the head of the Nut, not threads, until Tooth pops loose.(May need heat. Pg 28.)
9. Remove TOOTH BOLT, SPACER, and TOOTH.
10. Ensure that the mating surfaces of the Tooth and Tooth Holder are clean and free of burrs.
11. Insert New Tooth into Tooth Holder.



**\*IMAGES SHOWN MAY NOT DEPICT EXACT BLADE TYPE.**

## 4.7 TOOTH INSPECTION & REPLACEMENT

*Beveled Edge*



12. Install SPACER with the beveled edge pointing towards the Tooth Holder.



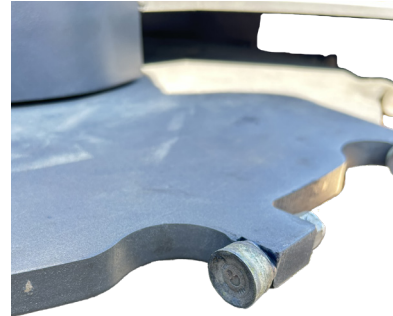
13. Apply Loctite 635 or equivalent to the new Tooth threads.

14. Add LOCKNUT and finger tighten.

15. Torque TOOTH BOLT to specific tight-

ening torque values and tightening condition as specified in "Tooth & Tooth Holder Torque Specs" on page 30.

16. Repeat this procedure for all other teeth that have to be replaced.



### NOTICE

**Damaged or excessively worn teeth will reduce blade life and decrease operating efficiency. ALWAYS use sharp teeth.**

#### REPLACE TEETH UNDER THE FOLLOWING CONDITIONS:

- Unbalanced blade
- Missing tooth
- Damaged Teeth (fragmented)
- Worn cutting edges.

### NOTICE

**Worn teeth can be rotated to extend life. Try to match tooth weight to prevent blade from becoming unbalanced.**

#### SIGNS OF TOOTH WEAR THAT AFFECT QUALITY & PERFORMANCE:

- Cutting speed abnormally slowing down.
- Excessive smoke and heat.
- Cloud of fine sawdust.
- Excessive temperature of teeth.

## 4.8 HOW TO ROTATE TEETH

1. Place Tree saw firmly on the ground with the blade in the horizontal position and lock out in place.

2. With gloves, slowly rotate the blade by hand until you reach the worn Tooth.

3. Thoroughly clean the visible part of the TOOTH & TOOTH HOLDER.

4. To Loosen Tooth, loosen TOOTH NUT and back out. Tap on the head of the Nut, not threads, until Tooth pops loose.(May need heat. Pg 28.)

5. Rotate the TOOTH 180 degrees.

6. Place spacer with beveled edge pointing towards the Tooth Holder.

7. Apply Loctite 635 or equivalent to the Tooth threads. *Rotate 180 Degrees*

8. Add Locknut and torque to specifications.



## 4.9 GEARBOX & DRIVE BEARING HOUSING MAINTENANCE



Please refer to our “Hydraulic Fluid and Oil Statement” on Page 5 for gear oil or hydraulic fluid instructions.



### NOTICE

Maintenance procedures for the drive bearing housing require special tools and skills. DO NOT attempt to service drive bearings or gear boxes unless you have the tools and skills to do so.

### CHECKING OIL LEVEL

1. Check the oil level daily. Refill with 85-140 grade gear oil.
2. Check the oil level by removing the oil filler plug. The oil level should be to the bottom of the oil filler plug

Oil Level

Oil Filler Plug



### NOTICE

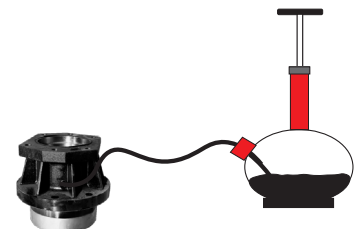
The initial oil should be changed after 50 hours of operation under load. Subsequent oil changes should take place after every 1000 hours of operation. More frequent oil changes may be necessary if operating this saw in extreme hot conditions.

### GEARBOX OIL CHANGE PROCEDURE

1. Remove oil filler plug and insert one end of a discharge hose into the oil filler port and the other end into an approved waste oil container.
2. Using an oil removal pump, remove the old oil from the gear box unit.
3. Refill with 85-140 grade gear oil until oil level is up to the bottom of the oil filler port.
4. Reinstall oil filler plug.

### NOTICE

Properly dispose of used oil. Visit [www.Earth911.com](http://www.Earth911.com) to search for the nearest used oil recycling center near you.



# SECTION 5

## TROUBLESHOOTING

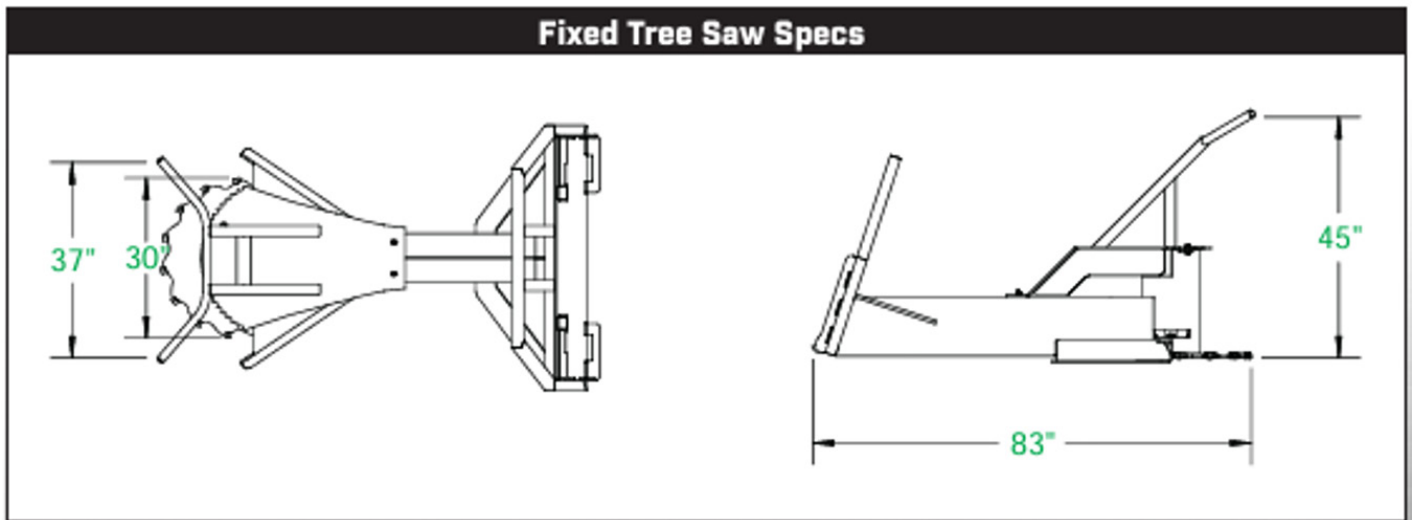
PROBLEM	POSSIBLE CAUSE	SOLUTION
Machine loses power or saw blade bogs down when operating tree saw.	<p>Loose, disconnected, or damaged hydraulic hose.</p> <p>Saw is not leveled properly &amp; is putting pressure on blade while cutting.</p> <p>Material or debris “jamming” in saw.</p> <p>Bearing failure - (To diagnose, shut off hydraulic flow to cutter then slowly rotate the blade holder assembly and listen for bearing noise.)</p> <p>Saw speed too slow or ground speed too fast while cutting.</p> <p>Auxiliary hydraulic flow too slow.</p> <p>Teeth are worn or missing.</p>	<p>Check for loose, disconnected, or damaged hydraulic hose. Tighten or replace.</p> <p>Keep blade level or only slightly angled while cutting. Extra cuts may be needed to give blade space.</p> <p>Remove material or debris from saw</p> <p>Repair or replace bearing housing.</p> <p>Increase engine throttle/RPM's and/or reduce ground speed.</p> <p>Ensure proper flow rate and/or check for stuck H-valve in hydraulic lines. Repair or replace.</p> <p>Rotate or replace teeth as necessary.</p>
Tree saw blade becomes uneven or warped.	<p>Saw receiving excessive shock loads from contacting solid objects (rocks, steel pipes, etc.)</p> <p>Saw used in prying or other improper manner.</p>	<p>Avoid or clear the area of solid objects, raise height to clear exposed rock surfaces, etc.</p> <p>Don't pry or lift objects with blade. Replace blade.</p>
Hydraulic fluid level goes down during operation.	Hydraulic system leak, or leaks in host machine's hydraulic system.	Investigate and repair leaks.
Saw is not cutting properly or excessive vibration.	<p>Missing, loose, or damaged teeth.</p> <p>Saw blade damaged.</p> <p>Bearing failure.</p>	<p>Rotate or replace teeth as necessary.</p> <p>Replace blade.</p> <p>Repair or replace bearing housing.</p>

## 5.0 TROUBLESHOOTING

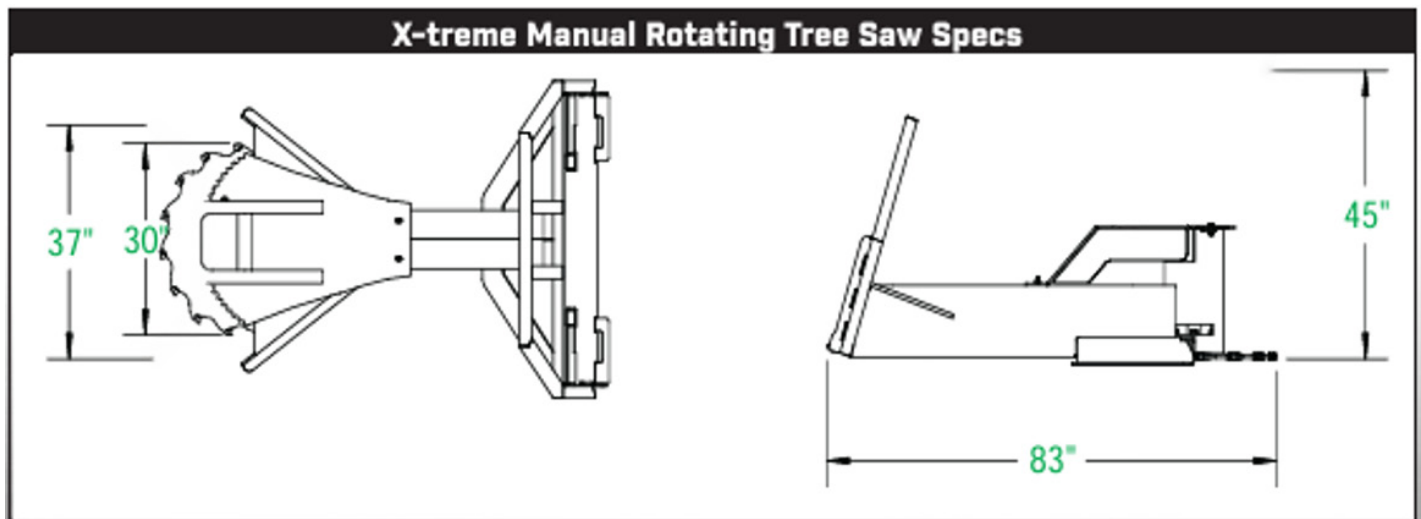
PROBLEM	POSSIBLE CAUSE	SOLUTION
Saw blade does not move when hydraulic system is activated.	<p>Loose, disconnected, or damaged hydraulic hose.</p> <p>Quick disconnects not connected or fully seated.</p> <p>Material or debris “jamming” in saw.</p> <p>Machine auxiliary circuit inoperative.</p>	<p>Check for loose, disconnected, or damaged hydraulic hose. Tighten or replace.</p> <p>Check and reconnect Quick Disconnects.</p> <p>Remove material or debris from saw.</p> <p>Investigate and have repaired.</p>
For Manual Rotating Version: Pin no longer aligns/locks properly or head won't rotate correctly.	<p>Not greasing pivot pin frequently enough.</p> <p>Damage to pin, or locking mechanism.</p> <p>Damage has occurred to the frame of the saw or there is an obstruction.</p>	<p>Grease pivot pin before each use and repeat every 8 hours or less while using in extreme conditions.</p> <p>Repair or replace pin or locking mechanisms.</p> <p>Investigate and clear obstructions or repair damage.</p>
Pins are prematurely wearing or breaking.	<p>Not greasing pivot pin frequently enough.</p> <p>Saw receiving excessive shock loads from ramming or contacting solid objects (rocks, concrete, steel pipes, etc.)</p>	<p>Grease pivot pin before each use &amp; repeat every 8 hours or less while using in extreme conditions.</p> <p>Clear or mark the area of solid objects, or raise the saw height to clear exposed solid surfaces.</p>

# SECTION 6

## SPECIFICATIONS



**BE AWARE: YOUR DEPTH OF CUT IS 10" AND MULTIPLE CUTS MAY BE NECESSARY WHEN CUTTING A LARGER TREE. BACK CUTTING MAY BE NECESSARY. USE CAUTION TO PREVENT DEATH OR INJURY.**



# SECTION 7

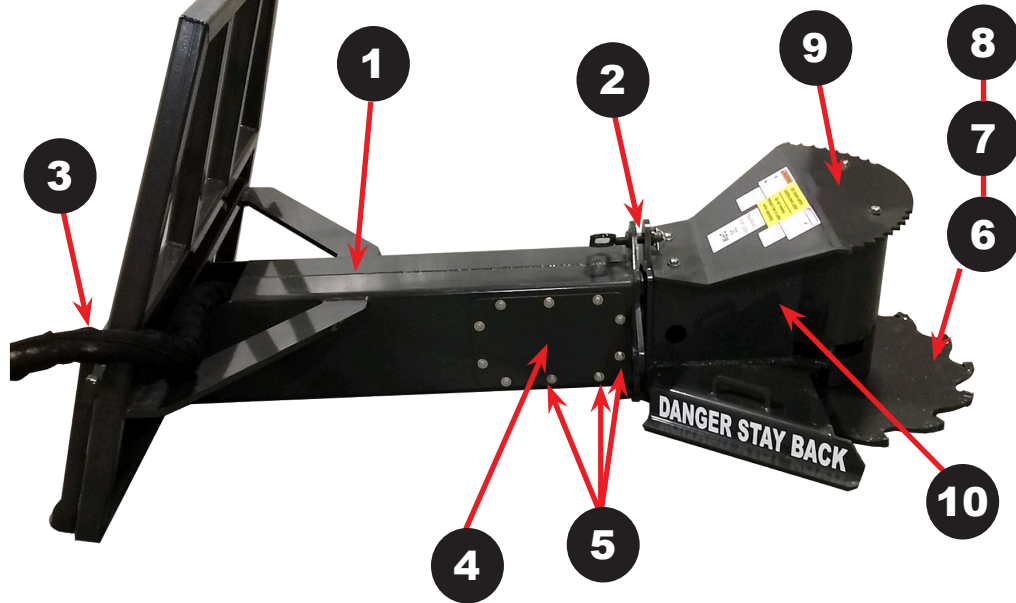
## PARTS INFORMATION

Factory OEM 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:

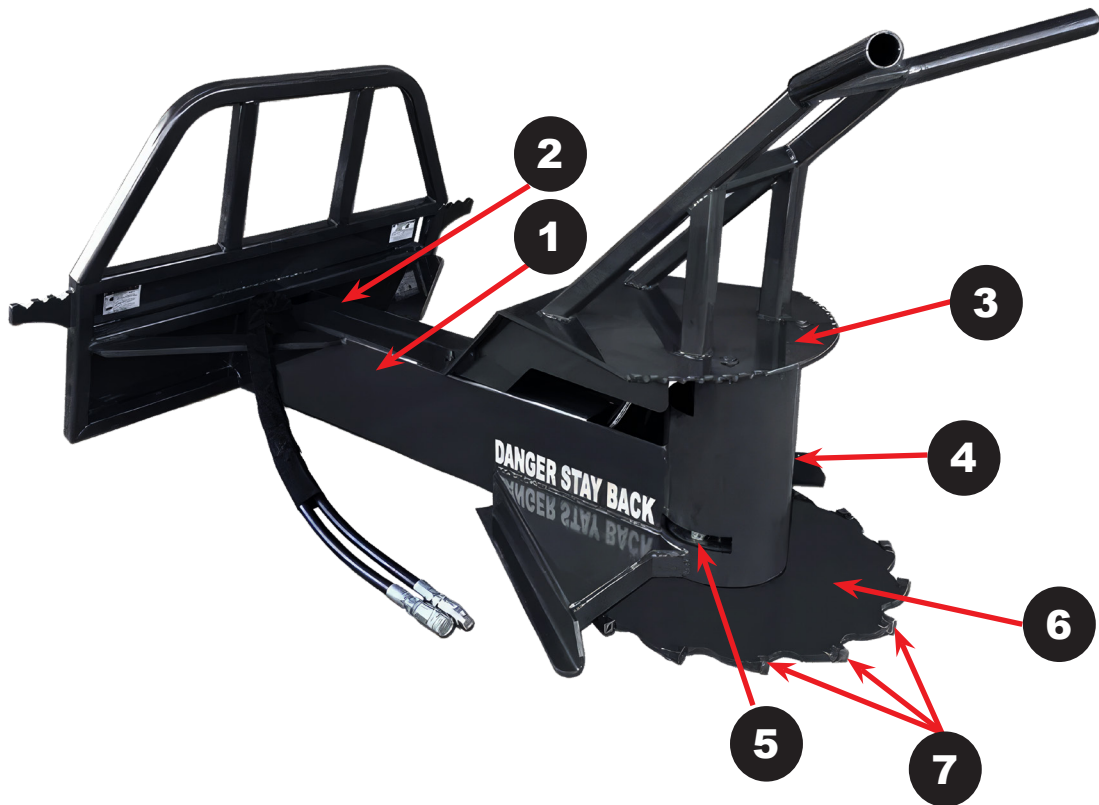
<b>Model Number</b>	
<b>Serial Number</b>	
<b>GPM Requirements</b>	
<b>Date of Owners Manual (Bottom Left Corner of Cover Page)</b>	
<b>Parts Diagram Page Number</b>	
<b>Part Description</b>	
<b>Reference #</b>	
<b>Quantity Desired</b>	
<b>Ship To Information</b>	
<b>Bill To / Payment Information</b>	

## 7.1 X-TREME ROTATING TREE SAW PARTS DIAGRAM



REF	Part Description	QTY
1	Rotating Tree Saw Main Weldment (Fully Welded)	1
2	Head Rotating Lock Pin	1
3	Hose Kit, couplers 1/2 flat face	1
4	Hose Access Cover	1
5	Hose Access Cover Bolts/Washers/ Nuts	10
6	Tree Saw Blade Bolts/Washers (3/4" x 2-3/4")	6
7	Tree Saw Blade (Without Teeth)	1
8	Tree Saw Tooth, Spacer and Locknut- (sold together) (11200906, 11200886, 11200896)	14
9	Motor Cover	1
10	Tree Saw Rotating Head Weldment	1
11	Motor:	1
	17-23 GPM (No Case Drain Required)	
	20-30 GPM (Case Drain Required)	

## 7.2 X-TREME NON-ROTATING TREE SAW PARTS DIAGRAM



REF	Part Description	QTY
1	Fixed Tree Saw Main Weldment (Fully Welded)	1
2	Hose Kit, Couplers 1/2 Flat Face	1
3	Replaceable Motor Cover with Push Bar and Bolts (Non-Rotating Tree Saw Only)	1
4	Motor:	1
	17-23 GPM (No Case Drain Required)	
	20-30 GPM (Case Drain Required)	
5	Tree Saw Blade Bolts/Washers (3/4" x 2-3/4")	6
6	Tree Saw Blade (without teeth)	1
7	Tree Saw Tooth, Spacer and Locknut- (sold together) (11200906, 11200886, 11200896)	14

# SECTION 8

## WARRANTY INFORMATION

### LIMITED WARRANTY

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

#### WARRANTY EXCLUSIONS

This warranty does not cover normal wear items, including but not limited to: bearings, hoses, blade holders, 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 improper application or installation, misuse, negligence, accidents or improper maintenance. Please note: Any modification or customization made to your attachment may void its warranty. This warranty is void if any components have been disassembled, i.e., pumps, gear boxes or motors or the attachment has been used without the case drain attached (if applicable). Be sure to follow all recommended Horsepower and GPM requirements as outlined in product specifications, in order to prevent the warranty from being void. This warranty is contingent upon the use of approved BRAND parts exclusively. Any use of non-approved parts may result in voiding the warranty. Please be advised that the warranty does not cover refurbished attachments. Specially modified attachments built by the manufacturer to meet your needs shall not be warranted by CID, Inc.

#### REPAIRS UNDER WARRANTY

**Any repairs, including welding, on attachments must be performed by certified repair technicians who have requested and obtained written approval from an authorized representative of CID before repairs begin.** If you are completing the repair, you must also have prior written approval to prevent the warranty from being voided.

#### WARRANTY STATEMENT

Our obligation under this Limited Warranty shall be solely limited to repairing or replacing any part (see non-covered items above) 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

## **8.0 WARRANTY INFORMATION CONT.**

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. CID, Inc. products are warranted to be free from defects in workmanship or materials for a period of 12 months from the initial sale.

*Purchaser and Manufacturer hereby (a) submit to the non-exclusive jurisdiction of the courts of competent jurisdiction in North Carolina and Davidson County in which this company resides for resolution of any dispute concerning this Limited Warranty or the rights or obligations of Purchaser and/or Manufacturer; (b) agree that any litigation in connection with this Limited Warranty shall be venued in North Carolina and Davidson County in which the company resides and (c) waive any objection they may have as to any such action or proceeding brought in such court that such court is an inconvenient forum. Nothing herein shall limit the right of Purchaser or Manufacturer (or the right of any permitted successor or assign of either) to bring proceedings against the other in the courts of any other jurisdiction wherein any assets of such other party may be located.*

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## **8.1 WARRANTY RETURN AUTHORIZATION POLICY**

### **WARRANTY RETURN AUTHORIZATION POLICY:**

If repairs are required, a Return Material Authorization (RMA) number must be obtained for the defective part as well as proof of purchase. RMA and services are rendered by CID only. Any responsibility of shipping costs on any item returned for repair is at the discretion of CID, Inc.

All returned parts must have the following:

1. A legible RMA number written on the outside of the package.
2. Warranty Claim Form (online)
3. The defective part.

RMA numbers are only valid for 30 days from the date of issue. All shipped replacement parts will require a Parts Order (PO) number from the original CID, Inc dealer. Repairs not covered by the warranty, will be charged for parts and labor at the current pricing rate. Should you have any problems with your attachment, please follow the instructions listed on the following page.

## 8.2 WARRANTY PROCEDURE

### WARRANTY RETURN AUTHORIZATION PROCEDURE:

1. Call the Warranty Department at (336) 859-2002 EXT 215. You will need to provide the model and serial number of the defective item(s) (see Appendix for where to find this information), a description of the problem, and have photographs available.
2. Upon a warranted issue, visit [www.cidattachments.com](http://www.cidattachments.com), click on the warranty tab, and fill in the warranty information on the Warranty Claim Form. CID, Inc will retain a Return Material Authorization (RMA) number of the defective part. If all the information above is completed CID, Inc will issue a RMA number via email.
3. Once you have an approved RMA number, a shipping label will be provided with CID's address and instructions for returning the defective part. **Appropriate RMA's/PO's will be invoiced and payment received while the evaluation process is being completed to prevent delays in your normal business operations. In the event the defective part(s) is un-warranted and repairs are not covered by the warranty, the customer will be invoiced for any additional parts and labor at the current pricing rate. If the part is deemed under warranty, a credit of the invoice will be issued.**
4. CID will ship a replacement part to the provided location or customer with a RMA identifier of some kind. **The customer is responsible for initial shipping charges until evaluation of the part has been completed.** If the part failure is covered by the warranty, the customer will be reimbursed for any paid shipping charges. In the event, the part is not covered by the warranty, the customer is responsible for return shipping.
5. Once the defective part is warranted by CID, the customer will be issued a credit and the PO number will no longer be active.
6. In the event CID decides that the attachment needs to be returned to them 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 the owner's agreement and receipt of payment for parts and labor.





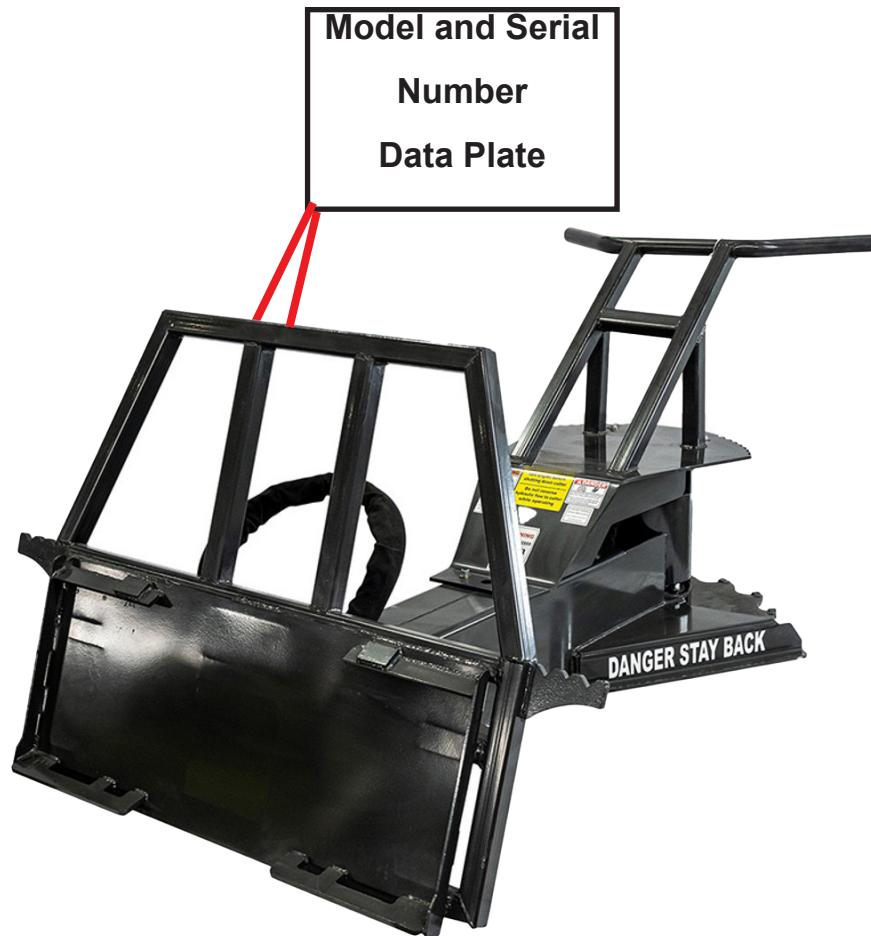


## APPENDIX A FINDING YOUR MODEL AND SERIAL NUMBER

The Model and Serial numbers will be in one place and will either be etched into the attachment or on a Data Plate.

**Instructions: Stand at the back of the attachment facing the attachment mounting bracket and look in the following locations:**

1) Back- top left area



PLEASE NOTE: The Model and Serial number may be etched or on a Data Plate.

Disclaimer: Any critical changes made to this manual by individuals outside the manufacturer's authorized personnel are doing so at their own risk. The manufacturer cannot be held legally responsible for any consequences, damages, or liabilities resulting from such modifications. It is advised to adhere strictly to the original manual provided by the manufacturer for optimal performance, safety, and reliability.



**TRUSTED ATTACHMENTS**



EST.

**CID**

2003

**INDUSTRIAL QUALITY**

**CONSTRUCTION IMPLEMENT DEPOT  
DENTON-USA, LLC  
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DENTON, NC 27239**

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CIDTRSW-MANU-V3M0626