

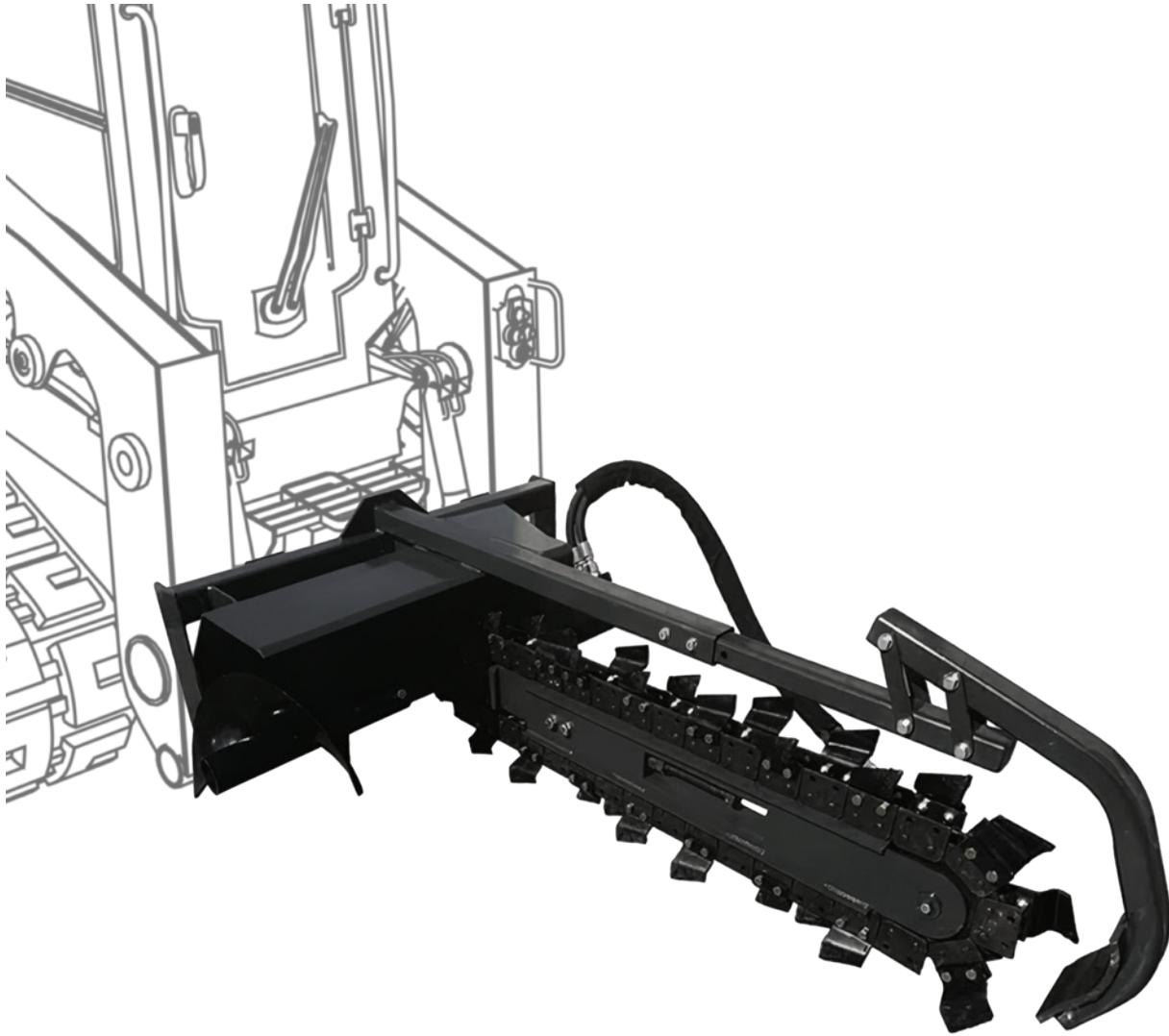


**CID**

**ATTACHMENTS**

# TRENCHER

**OWNER'S MANUAL**



NOV  
2024

OPERATING INSTRUCTIONS | SAFETY RULES | MAINTENANCE PROCEDURES

## REGISTER YOUR PRODUCT

# CID

**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. 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:

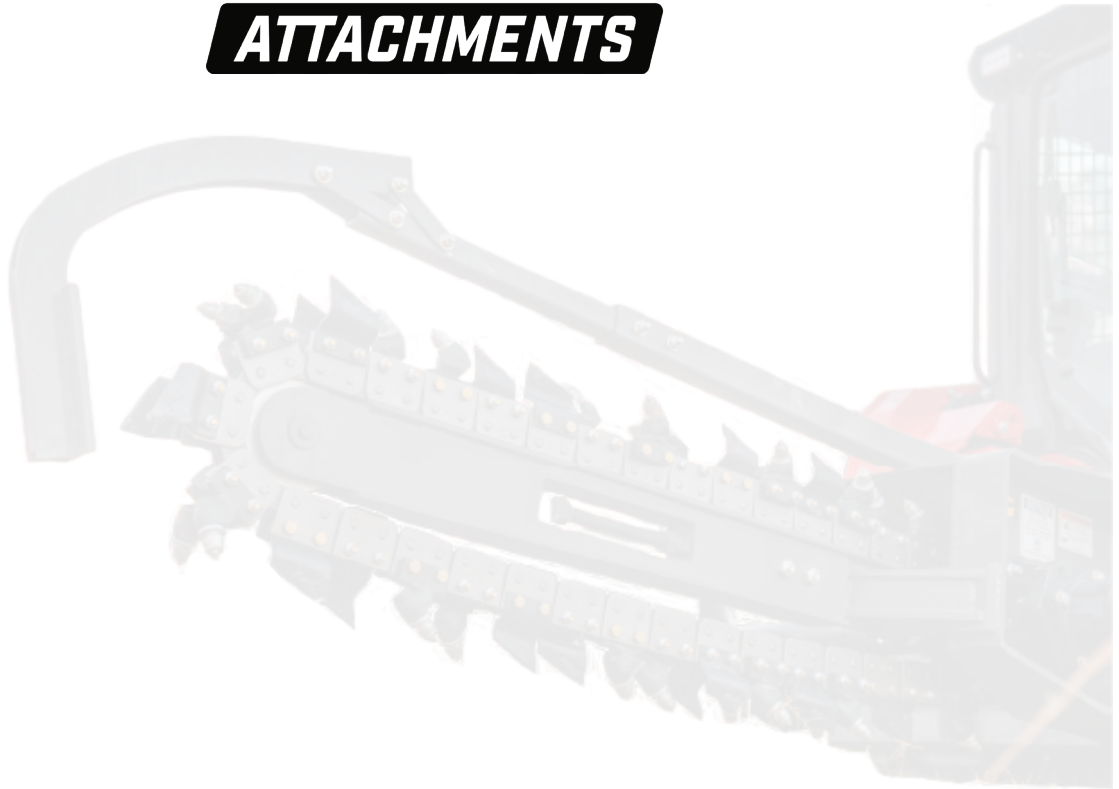
## WELCOME

**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, Cid Attachments*



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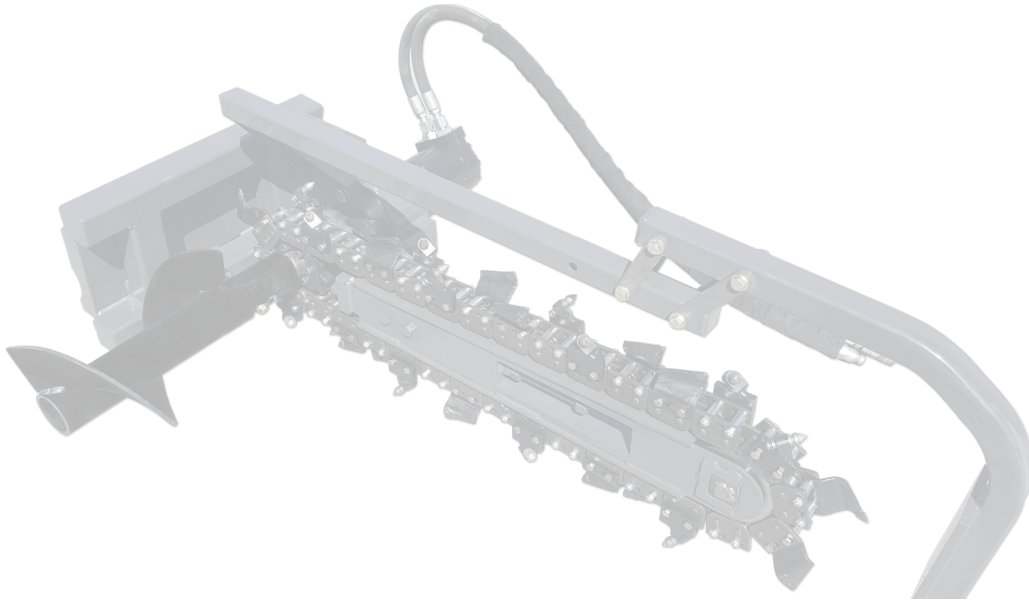
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### IMPORTANT WARRANTY DISCLAIMERS

**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.

# SECTION 2

## SAFETY INFORMATION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
Trencher	implement, attachment, trencher
Machine	skid steer loader, skid steer tractor, loader, prime mover, host machine
Operator	user, personnel

The **Trencher Attachment** 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 judgment, common sense, awareness and proper training!



**BEFORE YOU OPERATE THIS TRENCHER ATTACHMENT:**

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 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 SYMBOLS

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

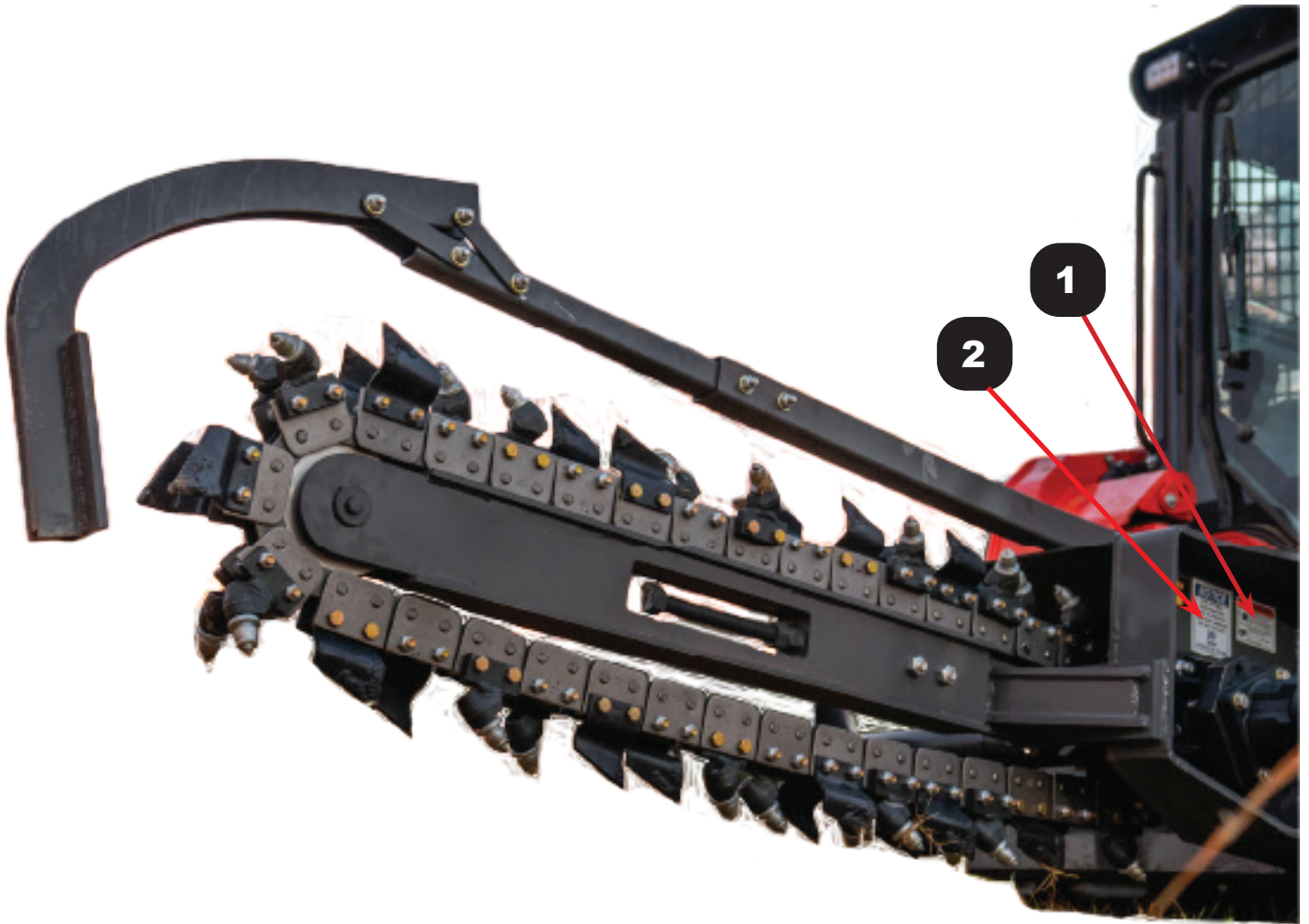
Pictogram	Description
	<p><b>PINCH HAZARD:</b> Keep clear of machine and attachment to prevent death or serious injury from pinching of moving parts.</p>
	<p><b>OPERATING MANUAL:</b> Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.</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 25 feet from the attachment to prevent death or injury from flying objects.</p>
	<p><b>CRUSH HAZARD:</b> DO NOT place any part of the body under the attachment or machine arms to prevent death or serious injury from being crushed .</p>
	<p><b>ENTANGLEMENT HAZARD:</b> STAY BACK from machine while in use. Contact with rotating auger could kill or cause serious injuries.</p>

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.



## 2.3 SAFETY DECALS

**CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS**


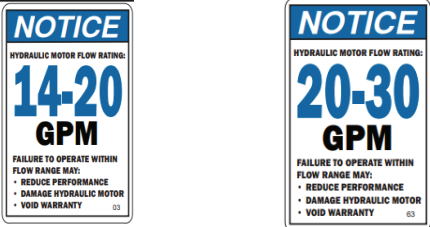


## 2.3 SAFETY DECAL CHART







The safety decals affixed to this attachment are to keep you safe. DO NOT ignore these decals.

Read and understand each decal's safety message. Follow these Safety Decal

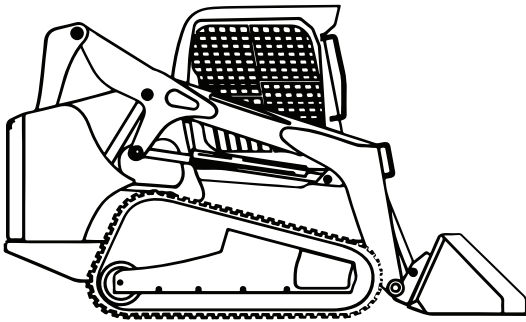
Instructions:

REF	DESCRIPTION	LABEL	QTY
1	COMBO WARNING LABEL		1
2	HYDRAULIC FLOW RATING		1

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

-  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.

## 2.4 SKID STEER LOADER REQUIREMENTS



Tracked

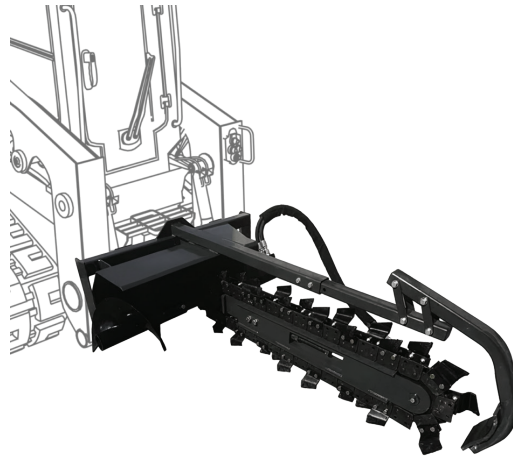
VS.



Wheeled

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

Follow the operating instructions in your Skid Steer operator's manual.



THE TRENCHER Attachment should only be used on machines that meet the necessary requirements.

Machines must have impact resistant windshields, cab side windows & door.

## 2.5 PERSONAL PROTECTIVE EQUIPMENT (PPE)

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



## 2.6 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.
- !** ALWAYS operate this attachment during daylight or well-lit areas.
- !** We recommend using a high strength clear protective door panel when using with this attachment.
- !** To prevent the machine and attachment from rolling forward, stop the engine and set the parking brake when exiting the machine.
- !** Inspect attachment for loose or missing hardware prior to use.
- !** ALWAYS watch for overhead power lines.
- !** DO NOT place any part of your body under this attachment.
- !** 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 attachment to contact buildings, utilities, large rocks or tree stumps or you may lose control of the machine.
- !** 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 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.
- !** ALWAYS wear work gloves when handling this attachment to protect your hands.
- !** ALWAYS use eye protection while operating or servicing this attachment.
- !** DO NOT operate this attachment during lightning or severe weather conditions.
- !** DO NOT allow riders on the machine or on this attachment.
- !** 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.
- !** DO NOT speed! Speed Kills! Keep your driving speed between 2 and 5 mph.
- !** NEVER leave equipment unattended with the engine running, or with this attachment in a raised position.

## 2.7 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. S(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 the capability.
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 arrives from the factory strapped to a wood pallet and requires no final assembly. However, **the crumber shoe bolts need loosened to allow movement.** (They are tightened for transportation.)

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 HOW TO CONNECT ATTACHMENT

### GENERAL ATTACHMENT METHOD

Refer to your machine operator'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. Ensure the hydraulic lines are clear from the front side of the attachment bracket and that the levers on the skid steer Quick Attach Coupler are in the unlocked position.
2. Tilt the skid steer loader Quick Attach Coupler slightly down and drive forward to the rear of the trencher attachment until the top edge of the Quick Attach Coupler hooks under the lip of the attachment bracket. See figure 3.1a below.
3. Slightly tilt the skid steer Quick Attach Coupler upward until the trencher attachment bracket is flat against the skid steer Quick Attach Coupler. See figure 3.1a below.

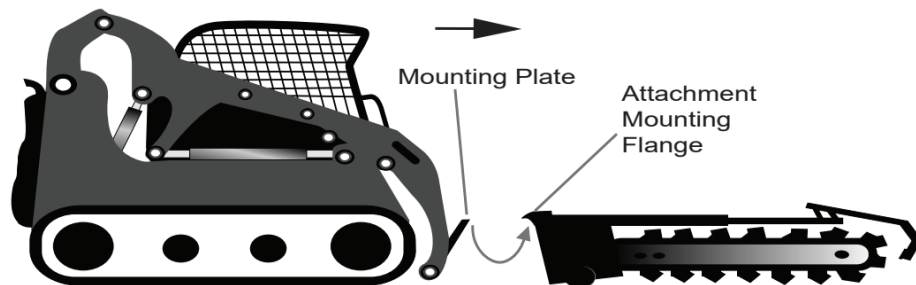
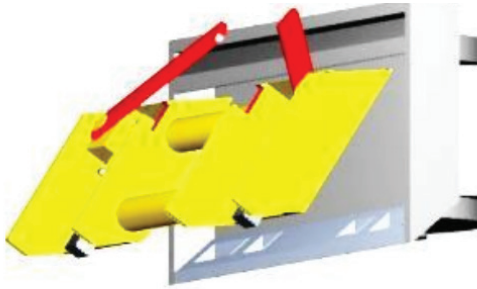


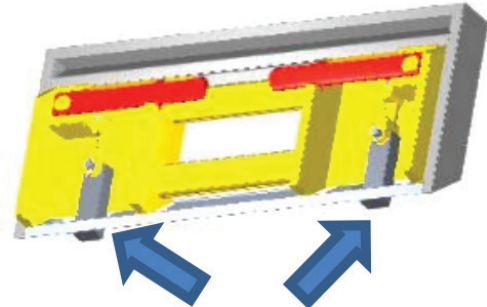
FIGURE 3.1A - QUICK ATTACH COUPLER LOCKED TO ATTACHMENT

### 3.1 HOW TO CONNECT ATTACHMENT CONT.

4. Activate your skid steer's lever lock switch to lock the pins into the attachment bracket. If your skid steer does not have this switch, manually lock the pins as shown in Figure 3.1b below.



*Connecting Coupler to Attachment*



*Check Coupler Lock Engagement*

**FIGURE 3.1B QUICK ATTACH COUPLER LOCKED TO ATTACHMENT BRACKET**

#### **! WARNING**

To avoid serious injury or death, ensure locking 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 skid steer.

#### **NOTICE**

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

5. Connect the attachment hydraulic hoses to the auxiliary supply couplers located on your skid steer loader lift arm.

#### **NOTICE**

Check that hydraulic hoses are locked into the machine couplers before using the attachment.

#### **NOTICE**

If during your initial startup, you realize the controls operate in the opposite direction that you prefer, you can change positions of the quick disconnect couplers on the attachment hoses to remedy your problem.

## 3.2 HOW TO DISCONNECT ATTACHMENT

### DISCONNECTING ATTACHMENT

1. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure by moving the control levers back and forth or using hydraulic relief valve (if applicable).
2. Park machine on a flat and level surface then lower the attachment to the ground.
3. Set parking brake and disengage lock pins using the lock lever switch (if installed).
4. Turn off machine engine.
5. Disconnect hydraulic hoses and connect together or install dust caps to prevent contaminants from entering the hydraulic system. Store hydraulic hoses off the ground.
6. Pull latch handles to disengage lock pins.
7. Re-enter cab and start machine engine.
8. Tilt mounting coupler forward until Quick Attach Coupler is free from mounting bracket.
9. Drive machine backward to clear attachment.

---

## 3.3 CONTROLS

### ATTACHMENT CONTROLS

Your trencher attachment is designed to run off the host 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 attachment are operated with the control handles or pedals in the cab. Consult your machine operator's manual for instructions regarding these functions.

### HYDRAULIC FLOW REQUIREMENTS

When operating the attachment, set the machine engine RPM to a speed that will produce the required flow. Your machine 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 (GPM) of your trencher control. Check the specifications table for your specific model's max GPM.**

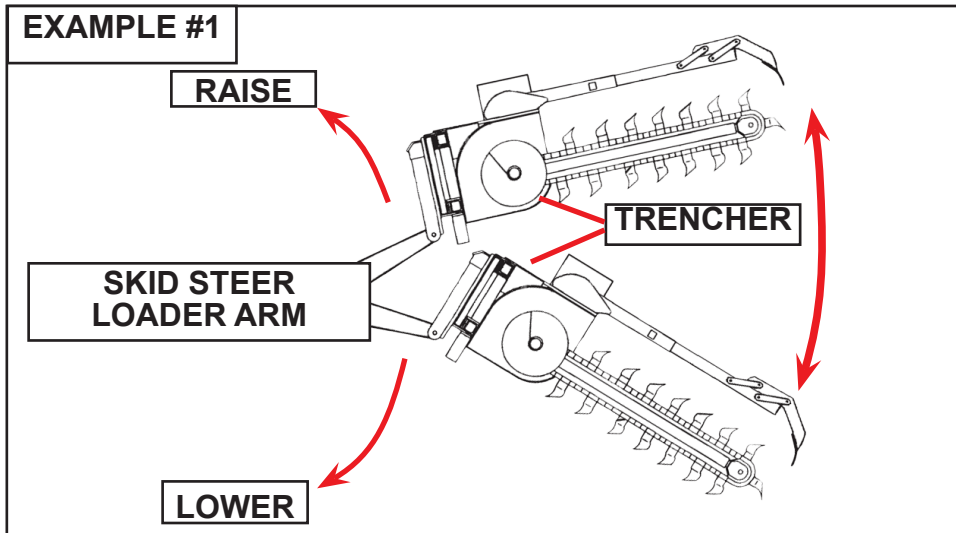


## RAISING AND LOWERING THE TRENCHER

Raise and lower the machine arms to raise and lower the trencher attachment. See *Example 1*.

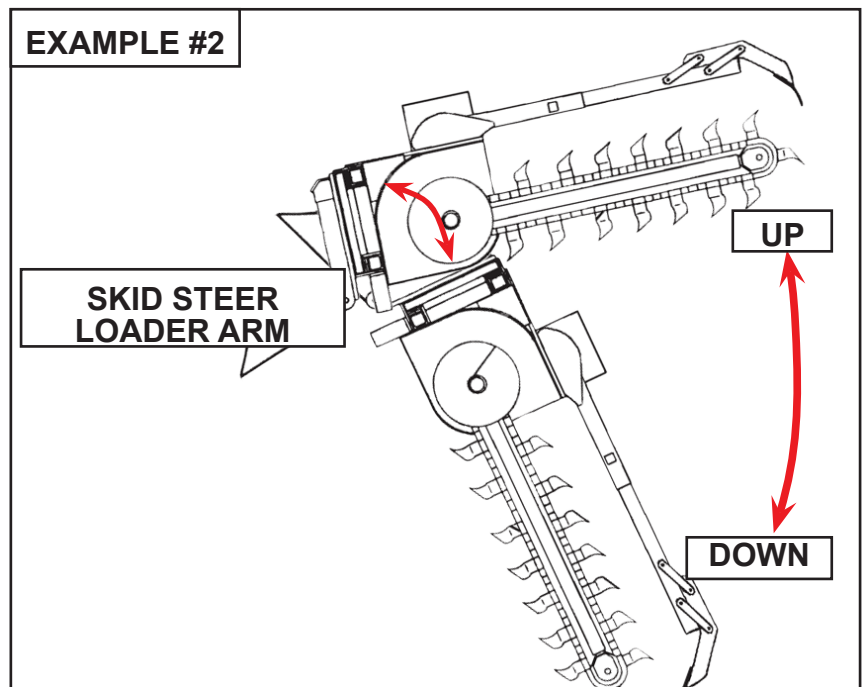
### **! WARNING**

Remember, contact with electrical lines could cause serious injury or death. Remain alert to overhead power or telephone lines, tree limbs, etc. in which the raised trencher could come in contact.



## TILTING THE TRENCHER

The machine controls can be used to tilt the attachment plate back or forward which will tilt the trencher unit up and down. For general trenching as measured from ground level, we recommend a 60° digging angle. See *Example 2*.



### 3.4 LEARNING YOUR ATTACHMENT

**! WARNING** Never use this attachment as a battering ram, or attach ropes, chains, etc., to the unit as it was made for digging.

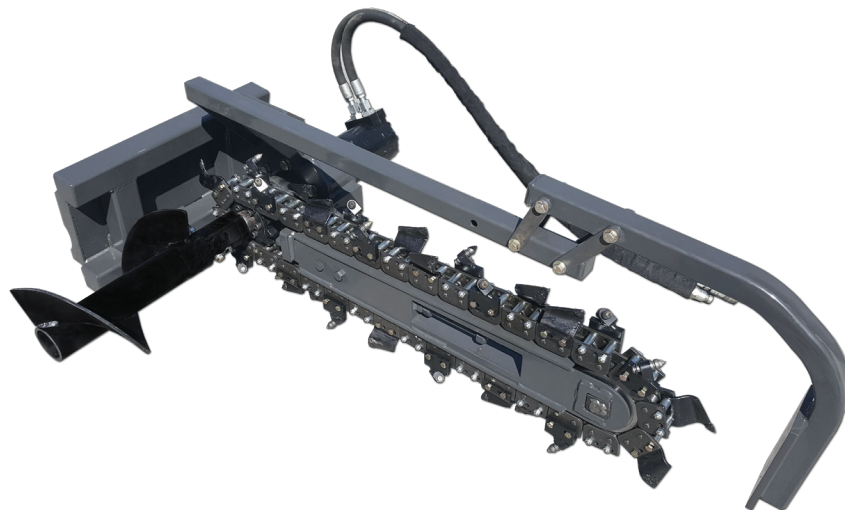
1. Before using this attachment, make sure you are knowledgeable and comfortable with the operation of the auxiliary hydraulic control as outlined in previous sections of this manual and in the machine's operator's manual.
2. When operating this attachment, set the machine throttle at a speed that will 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 ground speed while using this attachment depends on the application and condition and can usually be monitored by sound and feel and depends on the material density.
5. Note that if the hydraulic motor is bogging down because of load on the attachment, it will be necessary to decrease the load until the hydraulic motor's power can overcome the material load on the attachment.

---

#### NOTICE

**The Mini Trencher will operate the same way as the full size trencher.**

**All Safety Precautions and Instructions Apply.**



### 3.5 BEFORE USING YOUR ATTACHMENT

#### **! 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.



### 3.6 OPERATING TIPS

#### **! WARNING**

Never operate this attachment when bystanders are within 25 feet of your work area to avoid an accident that could result in serious injury or death if struck by the trencher during operation.

1. Block off area from bystanders, livestock, etc. Be alert for bystanders, and stop operation if bystanders or livestock enter the work area.
2. Operate only from the Operator’s Cab.
3. Never drop a boom with a rapidly moving digging chain on the ground. The force of the trencher may cause the host machine to move suddenly and unexpectedly.
4. Use caution when operating on slopes. The natural vibration will cause the unit to creep sideways downhill. Try to dig with trencher in a level position.
5. Do not adjust relief valve settings on the host machine.. Incorrect valve settings could result in equipment damage and/or personal injury.
6. An operator must not use drugs or alcohol, which can change his or her alertness or coordination. An operator taking prescription or over-the-counter drugs should seek medical advice on whether or not he or she can safely operate equipment.
7. Before exiting the host machine, lower the unit to the ground, apply the brakes, turn off the host machine’s engine, and remove the key.
8. Do not use the trencher crumber bar or chain as a step when climbing in and out of the machine.

### 3.7 DIGGING PREPARATION

#### **! DANGER**

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



ALWAYS be aware of your surroundings and pay attention to obstacles and terrain around you.

You must notify utility companies of your intent to dig or trench by calling 811 or making an online request with your state’s 811 center a few days prior to digging or trenching. Visit: <https://call811.com/811-In-Your-State> to connect to your state’s 811 center.



**Know what's below.  
Call before you dig.**



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



#### NOTICE

Before operating your attachment, check the hydraulic fluid level in the machine and add manufacturer recommended fluid if necessary.

Verify that hydraulic hoses are securely locked to the machine’s hydraulic couplers before starting the attachment.

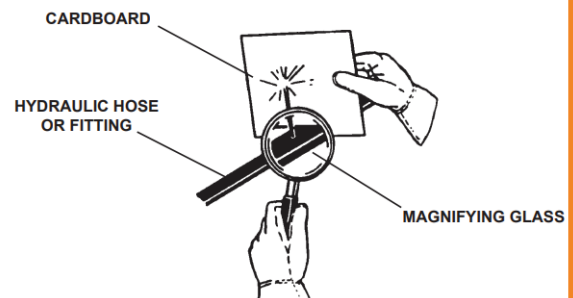
#### CAUTION

Remember to loosen the crumber shoe bolts before use to allow movement & prevent damage. (The bolts are tightened for transportation and MUST be loosened.)

1. Set machine engine RPM to just above idle and flip the auxiliary hydraulic switch to the ON position.
2. Raise the attachment 12 inches off the ground.
3. Rotate the trencher up and down, pausing in between each change. Do this several times to eliminate any air in the circuit.
4. Return the trencher attachment to the level position and set the trencher on the ground.
5. Set the parking brake, then shut off machine engine and exit the cab.
6. Check the hydraulic fluid level in the machine, add manufacturer recommended fluid if necessary.

#### 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 cardboard. Flesh injected with Hydraulic fluid may develop gangrene or other permanent disabilities.



### 3.9 OPERATING INSTRUCTIONS

#### **DANGER**

**LOWER OR SUPPORT RAISED EQUIPMENT:** DO NOT work under raised booms without supporting them. Do not use support material made of concrete blocks, logs, buckets, barrels, or any other material that could suddenly collapse or shift positions. Lower booms to ground level before leaving the operator's cab or working on the attachment.

#### **WARNING**

**ALWAYS** release the hydraulic pressure prior to disconnecting any part of the hydraulic circuit.

The Trencher was designed to dig holes and trenches up to the depth and width of your digging chain. Any other use is Not Recommended.

#### **WARNING**

**ONLY** operate the trencher when seated at the machine controls.

#### **CAUTION**

**ALWAYS** use a crumber assembly on the trencher.

#### PREPARING THE SITE

1. Attach and secure the trencher to the machine as outlined in section 3.1.
2. Plan out the job and inspect the job site for any potential hazards in the area.
3. Ensure you are confident and fully familiar with operating both the machine and its attachment. Review the manual and complete the Safety Acknowledgment Form by signing off on Page 44.
4. **CAUTION:** Check the Trenching area for hidden utility lines **BEFORE** operating the trencher.
5. Mark off the area to be trenched with powdered lime, chalk, or string and stakes. Block off the area from bystanders.
6. Familiarize yourself with the trenching requirements for the task and ensure that the correct digging chain, sprockets, and crumber bars are properly installed for the job.

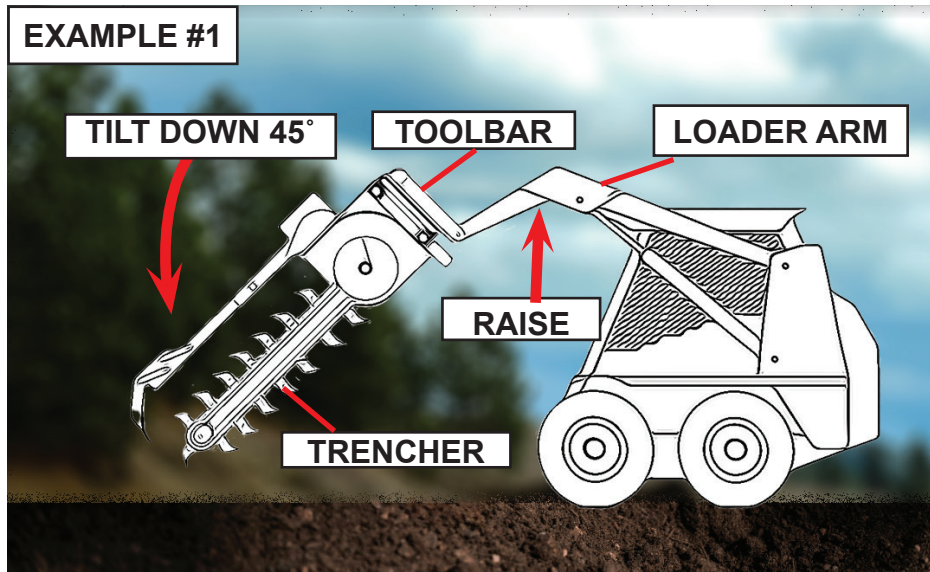
#### STARTING THE TRENCHER

7. Position the machine so that the trencher boom is aligned directly over the center of the trench layout.
8. **NOTE:** The trencher will need to cut approximately 4 feet before reaching the desired depth, so plan accordingly and begin trenching about 4 feet behind the point where you want the trench to start.
9. **NOTICE:** The machine is driven in **REVERSE** when trenching. You cannot trench while driving the machine forward.
10. Raise the trencher using the machine's loader arms and tilt it to a 45° angle (refer to Example 1 on the next page). Position the trencher so that the digging teeth are just above ground level.
11. Set the machine throttle to half speed. Engage the machine's auxiliary hydraulic system to start the digging chain.
12. If any utility lines are damaged, shut off the equipment at once and contact the affected utility immediately.

#### STARTING THE TRENCHER CONT.

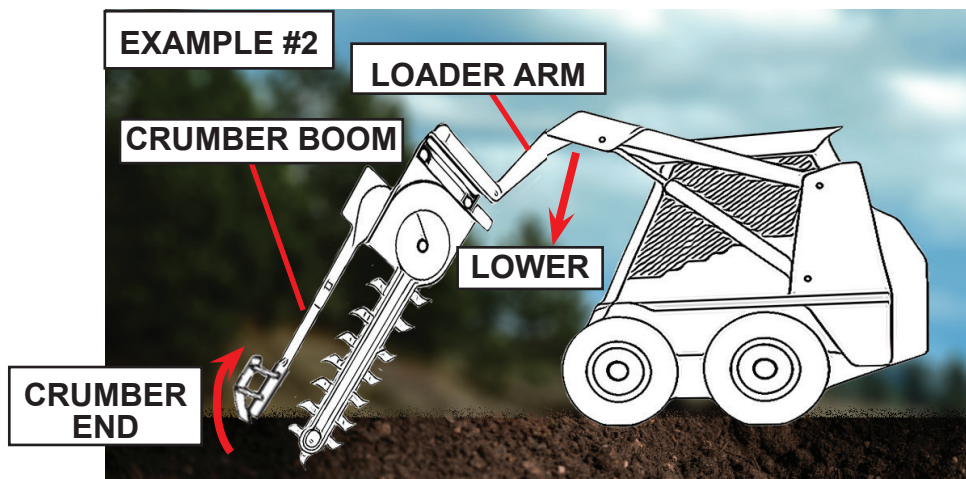
#### **CAUTION**

When lowering the moving digging chain to the ground, the force of the teeth engaging the soil may cause the trencher to suddenly LURCH FORWARD. Be prepared for this and ensure the machine's BRAKE IS SET to help counteract the force.



13. To start trenching, lower the trencher with the host machine's arms to slowly lower the digging chain into the ground and increase to full throttle.
14. Continue lowering the trencher until the crumber end rolls all the way back on the crumber bar. See Example 2

15. NOTICE: Once the crumber end has fully rolled back, do not lower the trencher any further without first moving the host machine in reverse. Failing to do so may cause the crumber boom to bend, which is NOT COVERED by the warranty.

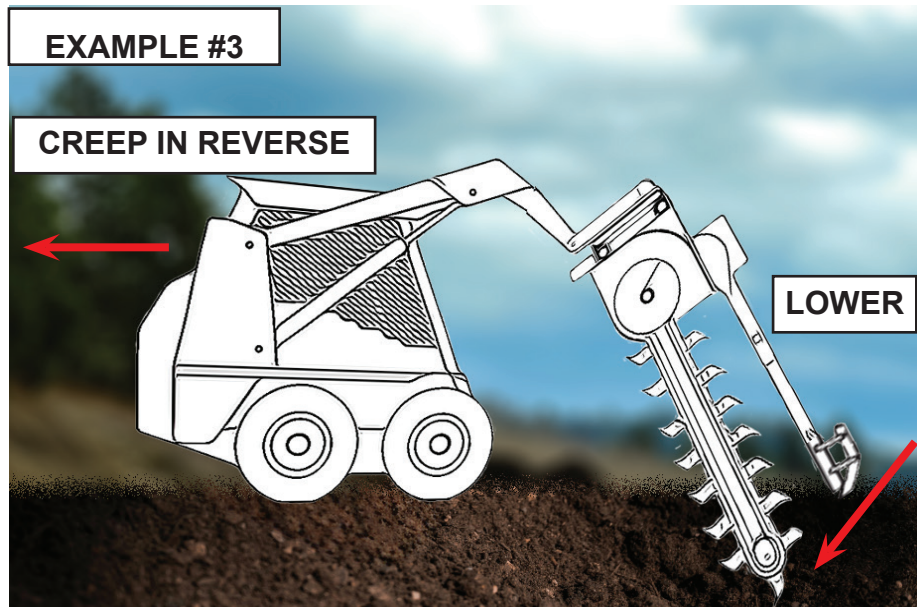


16. Once the crumber end has fully rolled back, slowly REVERSE the machine while continuing to lower the loader arms. As you approach the desired depth, stop lowering the boom and tilt the trencher to a 60° to 65° angle, which is ideal for general trenching. See Example 3 on the next page.

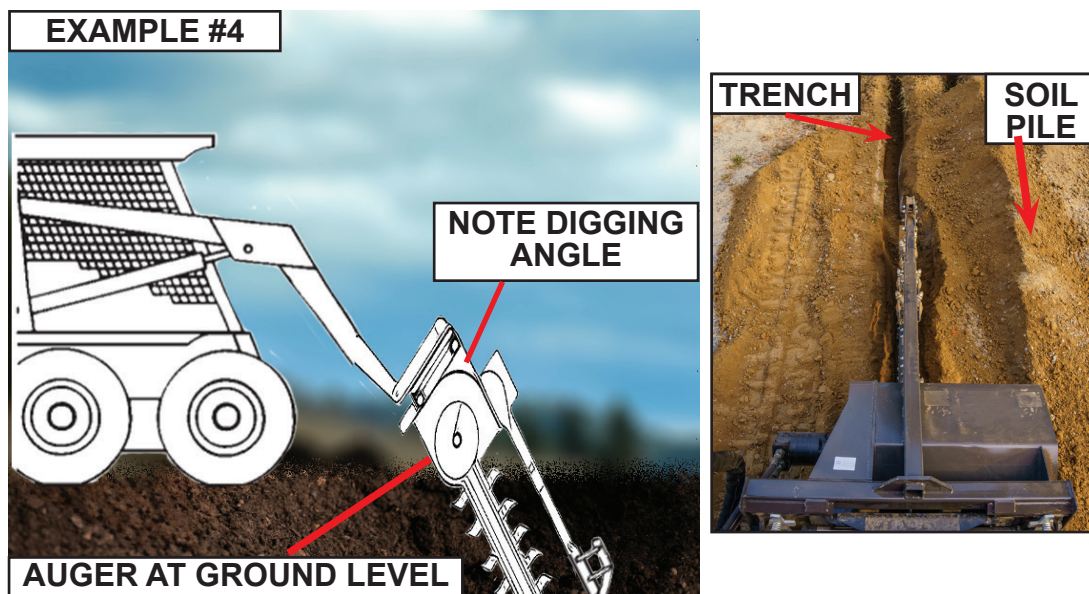
### 3.9 OPERATING INSTRUCTIONS CONT.

#### **! WARNING**

Remain alert to what is happening around you! Look behind you before reversing the machine to trench and be aware of people or things in the path of the machine. Also remain alert to drop-offs or soft ground which could upset the machine causing serious injuries or death.



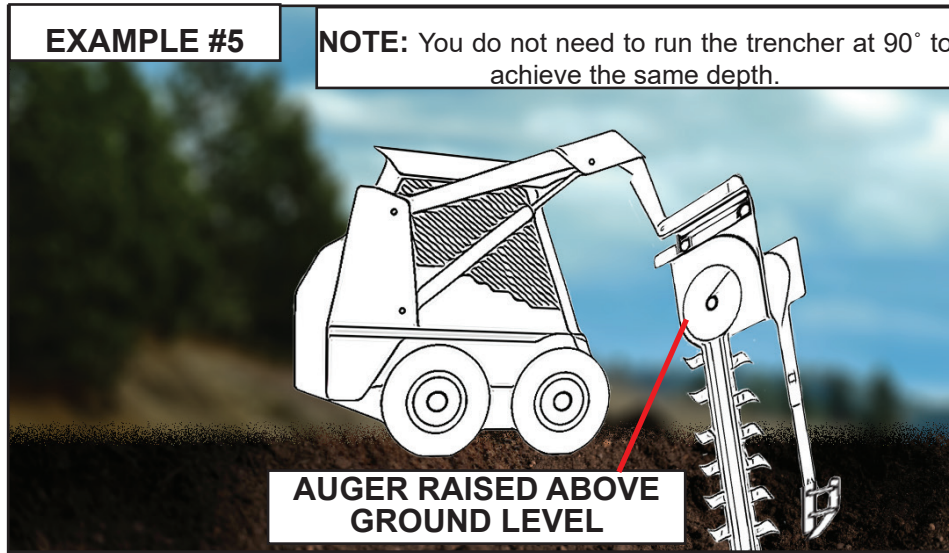
17. When trenching, consider where the soil will be displaced. Position the trencher so that the side auger is at ground level, allowing it to move the soil away from the trench. See Example 4



18. Raise the trencher so the auger rides above ground level, placing the soil beside the trench. The higher the auger, the closer to the trench the soil will be placed. Running the auger 3" to 6" off the ground may require less power to operate the digging chain, potentially increasing the trenching efficiency and the number of feet produced per hour.
19. The higher the auger, the more vertical you will have to tilt the trencher to achieve the same trench depth. See Example 5 on the next page.



### 3.9 OPERATING INSTRUCTIONS CONT.



20. Once the desired trench depth is reached, increase the skid steer throttle to the desired engine RPM.

21. Continue to slowly reverse the machine while staying alert to your surroundings

22. Monitor the machine hydraulic fluid pressure and temperature gages.

23. If the hydraulic fluid pressure or temperature becomes too high, reduce the machine's creeping speed to lighten the load on the auxiliary hydraulic system

#### NOTICE

STOP THE TRENCHER if the hydraulic fluid temperature becomes too hot and allow the hydraulic fluid to cool.

24. NOTICE: The trencher may stall if it is running at a speed faster than the auxiliary system can handle or if too much down pressure is applied.

### STALLING THE TRENCHER

#### NOTICE

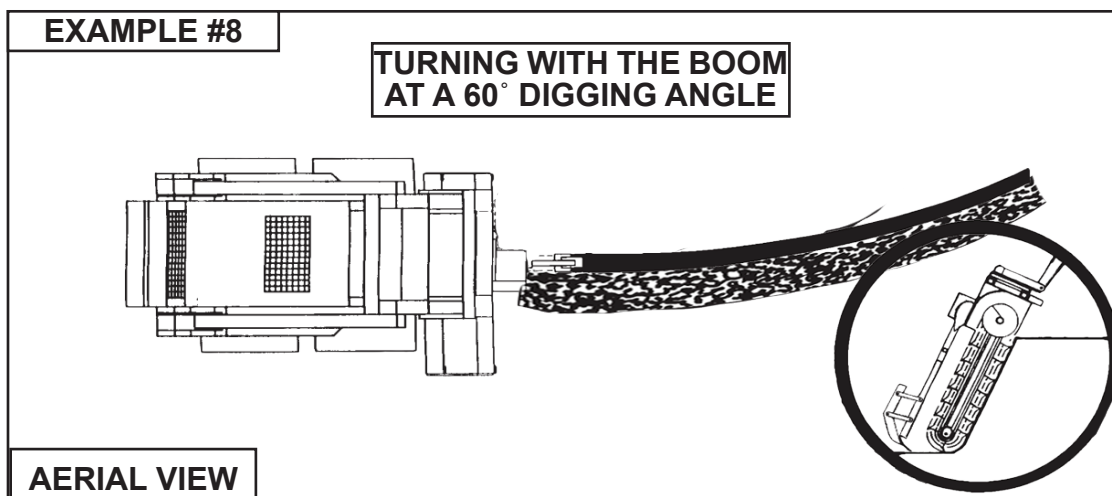
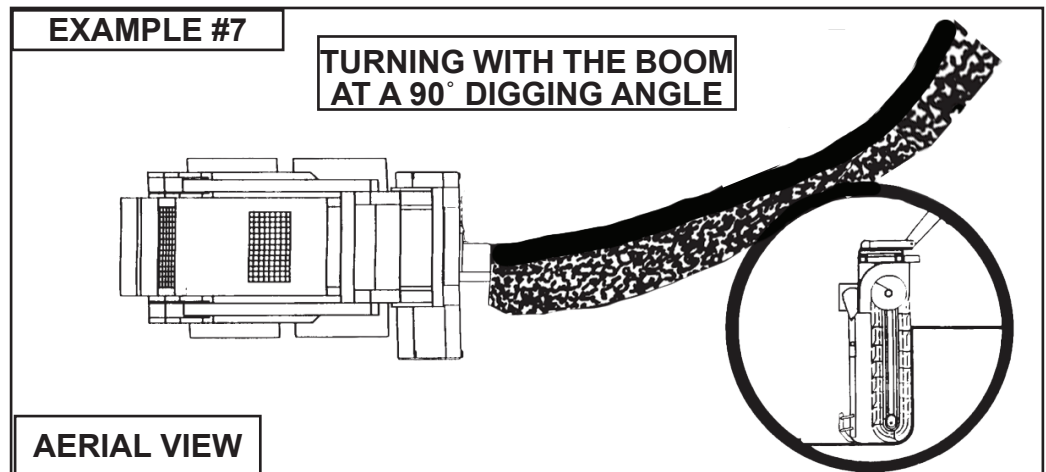
Repeat stalling in a short period of time, can cause the hydraulic fluid temperature to rise excessively, potentially leading to pump failure. Avoid attempting to trench too quickly or for extended periods without giving the system time to cool.

### GRADUAL TURNS WHILE TRENCHING

26. If the trencher stalls while digging, move the host machine slightly forward to free the trencher. You can also try reversing the direction using the auxiliary hydraulic controls to free the digging chain

The greater the angle of the trencher boom to the ground level, the sharper the turn that can be trenched. Also, sharper turns are possible when the boom length is short.

### 3.9 OPERATING INSTRUCTIONS CONT.



REMEMBER: As the boom angle increases, the unit will need to be raised higher out of the trench to maintain a consistent trench depth. Shallow boom angles can severely limit the machine's turning ability.

#### **⚠ WARNING**

Turning too sharply while trenching will cause the trencher to jam in the trench and stall, leading to excessively high hydraulic fluid temperatures. It may also risk bending the trencher boom.

Exercise caution when turning and proceed carefully.

#### **MAKING SHARP TURNS**

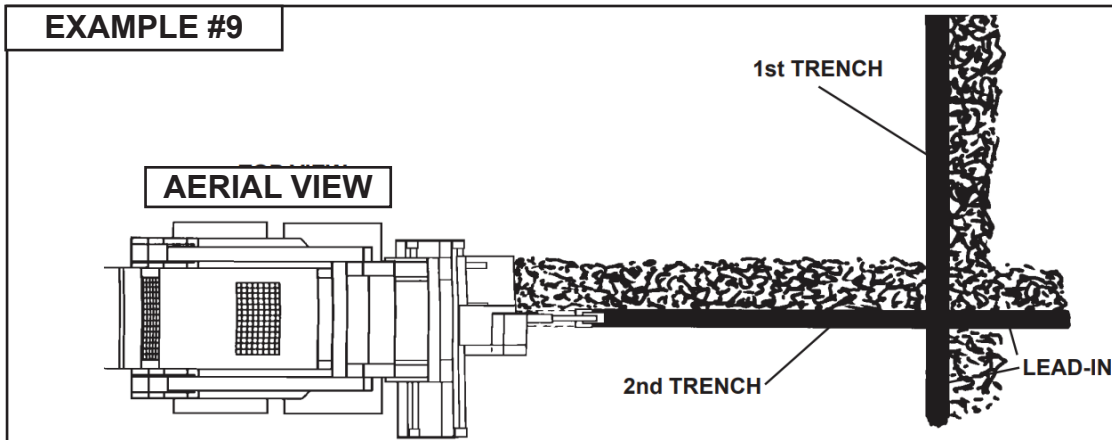
To make sharp turns and 90 degree angles, two trenches have to be dug.

The first trench should be dug as normal, while the second trench will require repositioning of the machine and attachment.

Trench 2: Reposition the trencher and boom at the appropriate angle and follow the guidelines previously stated when starting a trench. Remember, additional space is needed in front of the

trencher to allow it to reach the desired trench depth. *See Example 9 on the next page.*

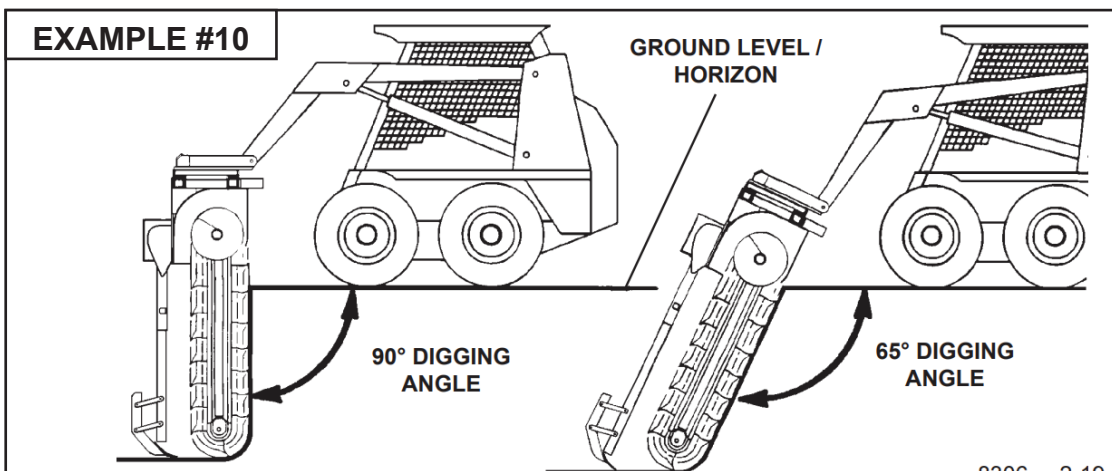
#### MAKING SHARP TURNS CONT.



#### RECOMMENDED DIGGING ANGLES

90° Digging Angle: This angle is recommended for rock and frost conditions, as well as when trenching sharp corners. It helps reduce excessive side pressure on the boom and digging chain when navigating corners

60-65° Digging Angle: This angle is recommended for Normal Trenching as it minimizes carry-over and a cleaner trench bottom.



#### **! WARNING**

To avoid a roll over accident which may result in serious injury or death, DO NOT operate the machine and attachment on uneven terrain or sloped surface with the attachment raised more than 12" off the ground.

## 3.10 BASIC DIGGING TECHNIQUE

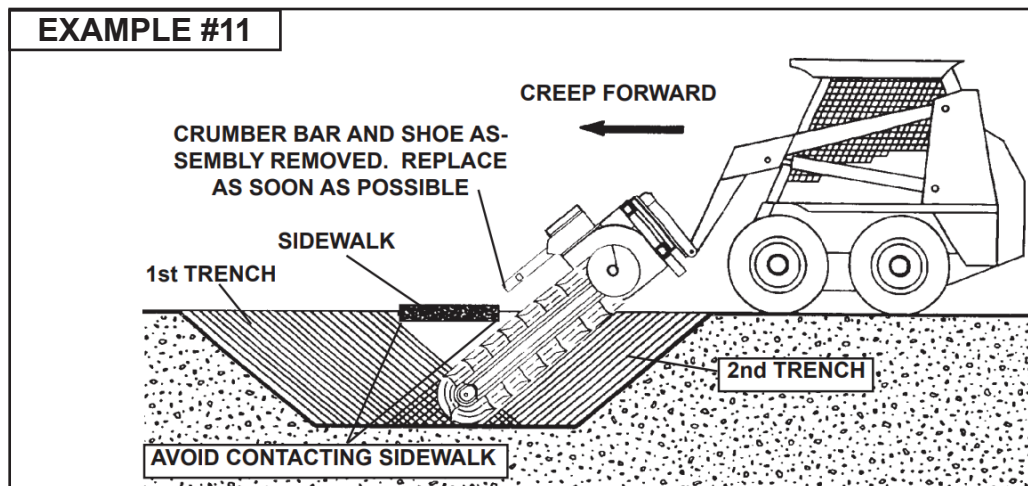
### TRENCHING WITHOUT THE CRUMBER

#### **! WARNING**

The crumber bar and crumber shoe are crucial for YOUR SAFETY! Only in rare cases should they be removed, and **EXTREME CAUTION** must be taken in such instances. Reinstall the crumber bar and crumber shoe as soon as possible.

The trencher can be used to dig under obstacles such as sidewalks with the following instructions:

1. Remove the crumber shoe and bar assembly, then begin the trench as previously instructed, but within one foot of the sidewalk. With the crumber bar and shoe removed, the trench can be dug vertically without the need for lead-in space.
2. Once the desired depth is reached, tilt the trencher to a 60° angle while digging. Then, carefully creep the host machine **FORWARD** to trench under the sidewalk. Take extra care to avoid allowing the digging teeth to contact the cement.
3. Once the maximum extension is reached without damaging the sidewalk, remove the trencher by carefully reversing the host machine until the trencher clears the sidewalk.
4. Move the host machine to the other side of the sidewalk.
5. Carefully line the trencher up to the previous trench and proceed to trench a second trench as described above. See *Example 11*.



### ENDING A TRENCH

When the trench is finished, remember to keep the trencher as low to the ground as is safe and practical. The lower the trencher rides, the more stable the host machine will be.

**SHUT OFF THE TRENCHER BEFORE MOVING AWAY FROM THE TRENCH.**

**NEVER** transport the trencher while the digging chain is moving!

# 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.

### 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!**

### ⚠️ WARNING

### PARTS

Only use genuine Original Equipment Manufacturer (OEM) replacement parts. 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.

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.

⚠️ Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.

⚠️ 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.

⚠️ Wear a welding helmet when welding to protect your eyes, face and neck from flash burn, ultra-violet radiation and heat.

⚠️ Do not wear loose clothing or accessories that can catch in moving parts.

## 4.0 MAINTENANCE OVERVIEW CONT.

- ⚠️ Only perform service work in a well-lit area.
- ⚠️ Long hair should be covered and secured so it does not become entangled.
- ⚠️ Allow the attachment to cool down before servicing this machine.
- ⚠️ NEVER work under an unsupported attachment.

## 4.1 MAINTENANCE SCHEDULE

This Trencher 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.

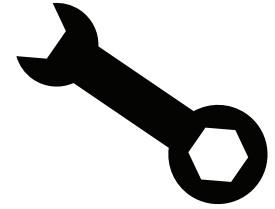
MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
<p style="text-align: center;"><b>Check host machine's hydraulic fluid level. Add fluid as necessary.</b></p> <p style="text-align: center;"><i>Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.</i></p>	<b>X</b>		
<p style="text-align: center;"><b>Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary.</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Check teeth for damage and replace as needed.</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Check Condition and Tension of Chain. Replace as necessary.</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Inspect and replace any worn, torn, or missing safety decals.</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Inspect hydraulic hoses and connectors for damage or leakage. Repair or replace hydraulic items as needed.</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Lubricate the chain with spray-on extreme duty chain lube</b></p>	<b>X</b>		
<p style="text-align: center;"><b>Change oil in gear box. *Change oil after every 50 hours of first time use, then every 1,000 hrs or yearly.</b></p> <p style="text-align: center;"><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 style="text-align: center;"><b>Wash Trencher Attachment.</b></p>		<b>X</b>	
<p style="text-align: center;"><b>Check attachment for major scratches &amp; dings. Sand and repaint these areas to prevent rust damage.</b></p> <p style="text-align: center;"><i>*Use formulated for farm equipment which can be found at your local hardware store.</i></p>			<b>X</b>

## 4.2 MAINTENANCE LOG INSTRUCTIONS

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



### MAINTENANCE LOG



#### 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

## 4.3 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 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>


## 4.4 TORQUE SPECIFICATION TABLE AND INSTRUCTIONS

### BOLT TORQUE INSTRUCTIONS

1. Apply and maintain proper torque on all bolts.
2. Torque values are based on lubricated values. **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 lb.-ft.	LUBRICATED 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

## 4.5 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/>

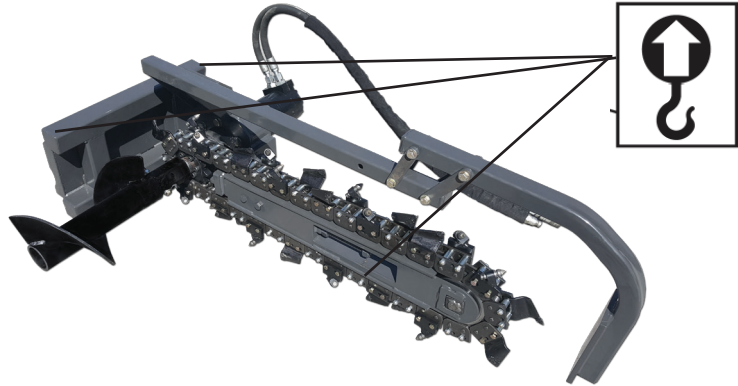


## 4.6 LIFTING POINTS

**! DANGER** **LOWER OR SUPPORT RAISED EQUIPMENT:** DO NOT work under raised booms without supporting them. Do not use support material made of concrete blocks, logs, buckets, barrels, or any other material that could suddenly collapse or shift positions. Lower booms to ground level before leaving the operator's cab or working on the attachment.

**NOTICE** Use care when lifting the attachment as lifting improperly is unsafe and may cause damage to your attachment.

**NEVER** lift the attachment by the chain or crumber assembly.



### **! WARNING**

Only use lifting accessories (chains, slings, ropes, shackles and etc.) that are rated and capable of supporting the size and weight of the attachment. Secure all lifting accessories to prevent unintended disengagement. Failure to do so could result in the attachment falling and causing serious injuries or death.

1. Attach lifting accessories (chains, slings, ropes, shackles and etc.) at recommended lift points.
2. Bring lifting accessories together to a central lifting point.
3. Lift gradually, maintaining balance of the unit.

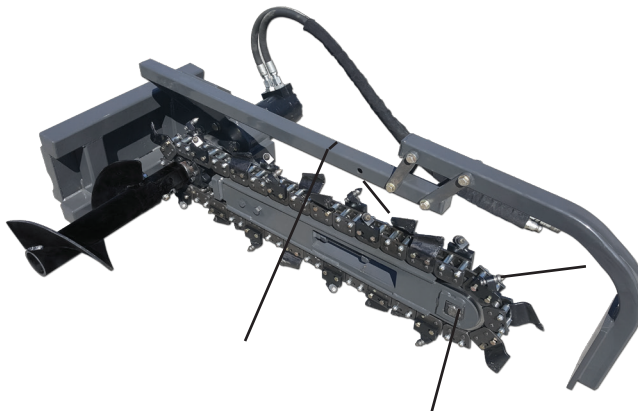
## 4.7 TIE DOWN POINTS

**! WARNING** DO NOT attach tie down accessories over chains or hoses..

Identify the tie-down points before attempting to secure the attachment. Securing the attachment at other points is unsafe and may cause damage. Never tie down accessories using the chain or crumber assembly, or in a manner that could damage hoses or hydraulic components

### **! WARNING**

Failure to **VERIFY** that all tie down accessories are secure and capable of transporting the attachment, preventing disengagement or shifting, could result in injury or death!



### **NOTICE**

Make sure you do not place your tie down strap **OVER** the chain adjuster to prevent bending and damaging it.

## 4.8 CHAIN SERVICING

Check that the digging chain has the correct tension before each use. Trencher arm should be in the horizontal position when checking the chain tension.

### HOW TO ADJUST THE CHAIN TENSION:

1. Loosen boom tension lock hardware.

See *Example 1*



3. Turn the tensioning bolt clockwise until there is a

2-4 inch of sag between the chain and middle section of the boom. See *Example 3*

2. Loosen the adjusting bolt jam nut. See *Example 2*



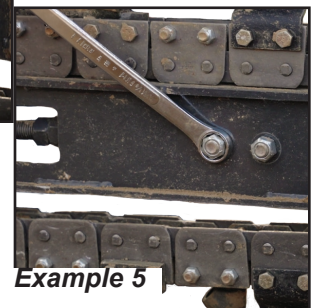
4. Tighten jam nut. See *Example 4*



5. Tighten nuts on outer boom section. See *Example 5*



Example 5: A close-up photograph of a wrench being used to tighten nuts on the outer boom section.



## 4.9 CHAIN REMOVAL-TWO PEOPLE ARE REQUIRED

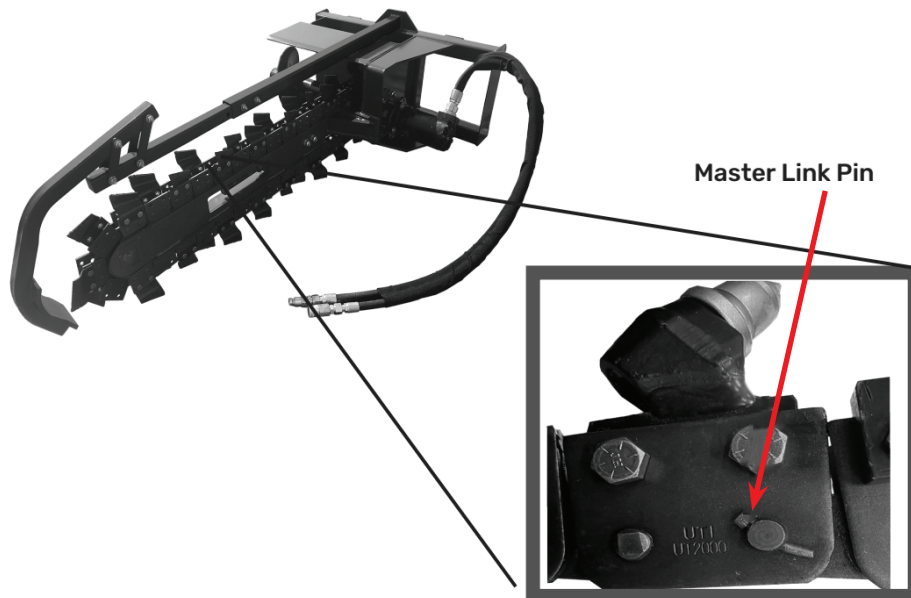
### ⚠ CAUTION

Chain contains sharp edges and are heavy and difficult to handle. Wear protective gloves and use proper lifting devices to position the chain so as to prevent a minor or serious injury.

With the trencher securely attached to the skid steer and resting on the level ground:

1. Relieve the chain tension. (See Section 4.8 above for instructions.)
2. Rotate the chain so the master link pin can be accessed from both sides. See *Figure 17*
3. Secure a lifting strap to the chain to control it after removing the master link pin.
4. Remove master link pin. See *Figure 17*
5. Raise the lifting strap to pull the chain off the boom.

Figure 17



---

## 4.10 CHAIN INSTALLATION - TWO PEOPLE ARE REQUIRED

With the trencher securely attached to the skid steer:

1. Using a lift strap to assist, place the chain onto the nose roller and over the drive sprocket. The cutting edge of the teeth should be facing away from the trencher.
2. Wrap each end of the chain under the boom and join together using a master link pin.
3. Adjust the tension as detailed in Section 4.8.

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## 4.11 LUBRICATING YOUR CHAIN

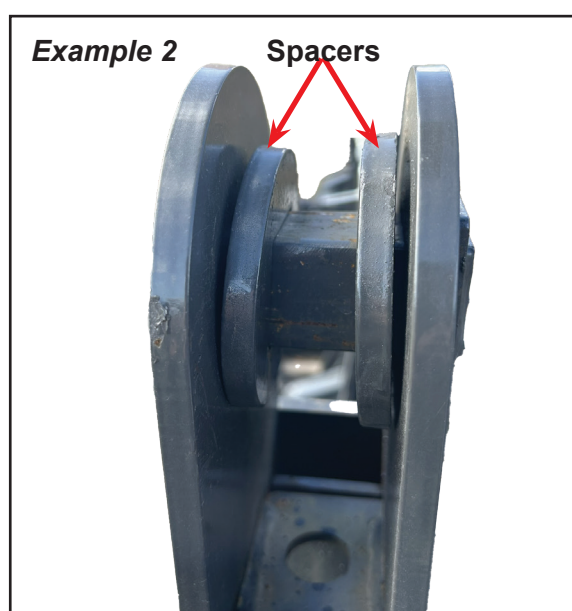
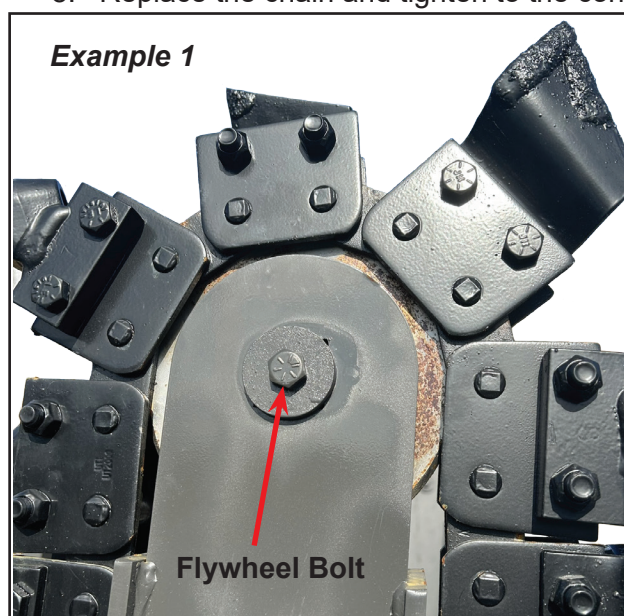
To ensure longevity and optimal performance, all moving parts of your chain must be properly lubricated. Failure to do so can lead to increased wear, breakdowns, heavy draft, unnecessary part replacements, and reduced efficiency. **Your chain should be lubricated every 8 hours.** Make sure to thoroughly clean the chain before using the **Extreme Duty Chain Lube** spray.

### **! DANGER**

**ONLY service the attachment 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 machine.**

## 4.12 REPLACING YOUR TAIL WHEEL

1. Position the machine with the attachment slightly raised and arm locks in place.
2. Relieve the chain tension. (See Section 4.8 for instructions.)
3. Remove the chain. Two people are required. (See Section 4.9 for instructions.)
4. Using the appropriate wrench, remove the bolt on the tail wheel. See *Example 1*
5. Put the two spacers to the side.
6. Place the new tail wheel on the bar with the 2 spacers as shown in *Example 2*.
7. Torque the bolt to the proper specifications listed on page 32.
8. Replace the chain and tighten to the correct tension as listed in Section 4.8.



### **CAUTION**

Use Extreme Caution when removing and reattaching the chain as it weighs in excess of 150 pounds. Improper handling can result in serious injury, including pinching, cuts, or the risk of amputating limbs or extremities.

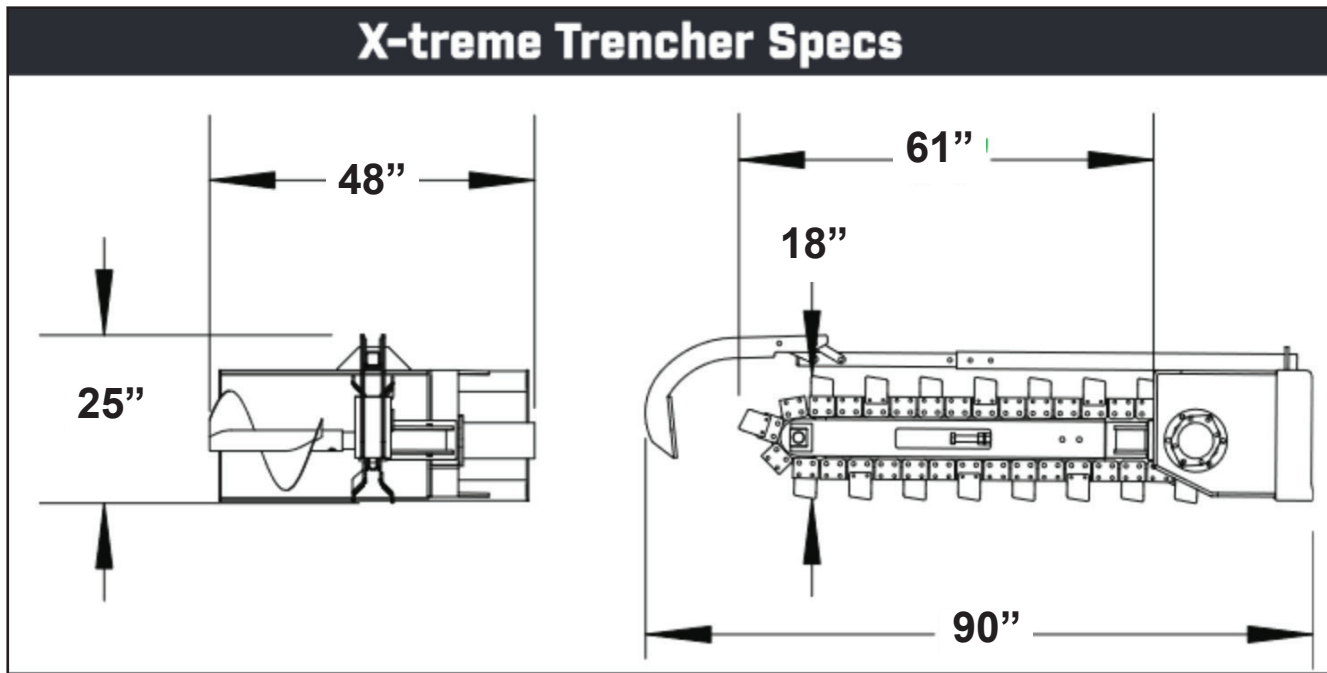
# SECTION 5

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Digging chain will not turn when the auxiliary hydraulics are activated.	<ol style="list-style-type: none"> <li>1. Hydraulic hose not properly connected.</li> <li>2. Skid Loader's hydraulic system not functioning.</li> <li>3. Digging chain too tight.</li> <li>4. Chain is bound up with dirt and rocks.</li> <li>5. Obstruction in ground.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and reconnect hoses.</li> <li>2. Check for hydraulic leaks. <b>CAUTION: Wear eye protection and do not use your body to feel for leaks.</b></li> <li>3. Loosen chain.</li> <li>4. Clean chain at nose roller and sprocket.</li> <li>5. Investigate and clear obstruction.</li> </ol>
Digging chain falls off the boom.	<ol style="list-style-type: none"> <li>1. Incorrect chain tension.</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust chain tension. Pg 32</li> </ol>
Trencher veers off in one direction.	<ol style="list-style-type: none"> <li>1. Improper digging tooth arrangement.</li> <li>2. Tail roller or drive sprocket is worn</li> </ol>	<ol style="list-style-type: none"> <li>1. Rearrange cutting teeth.</li> <li>2. Replace tail roller and drive sprocket.</li> </ol>
Trencher lacks power /speed.	<ol style="list-style-type: none"> <li>1. Reverse travel speed is too fast.</li> <li>2. Hydraulic system over heating.</li> <li>3. Poor hydraulic flow / restricted hose line.</li> <li>4. Loose / broken digging chain.</li> <li>5. Incorrect digging components for soil condition.</li> <li>6. Chain not turning freely on boom.</li> </ol>	<ol style="list-style-type: none"> <li>1. Slow prime mover's travel speed.</li> <li>2. Turn off prime mover and allow system to cool.</li> <li>3. Increase engine speed of prime mover if not running at max RPM.</li> <li>4. Verify auxiliary circuit is providing sufficient flow.</li> <li>5. Tighten or replace chain.</li> <li>6. Check chain tension, and check for dirt build-up on tail roller or drive sprocket.</li> </ol>
Dirt is not expelled from the trench when using rock and frost teeth components.	<ol style="list-style-type: none"> <li>1. Missing or broken teeth.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure the correct chain components are being used for the soil conditions that exist.</li> <li>2. Install cupped teeth.</li> </ol>

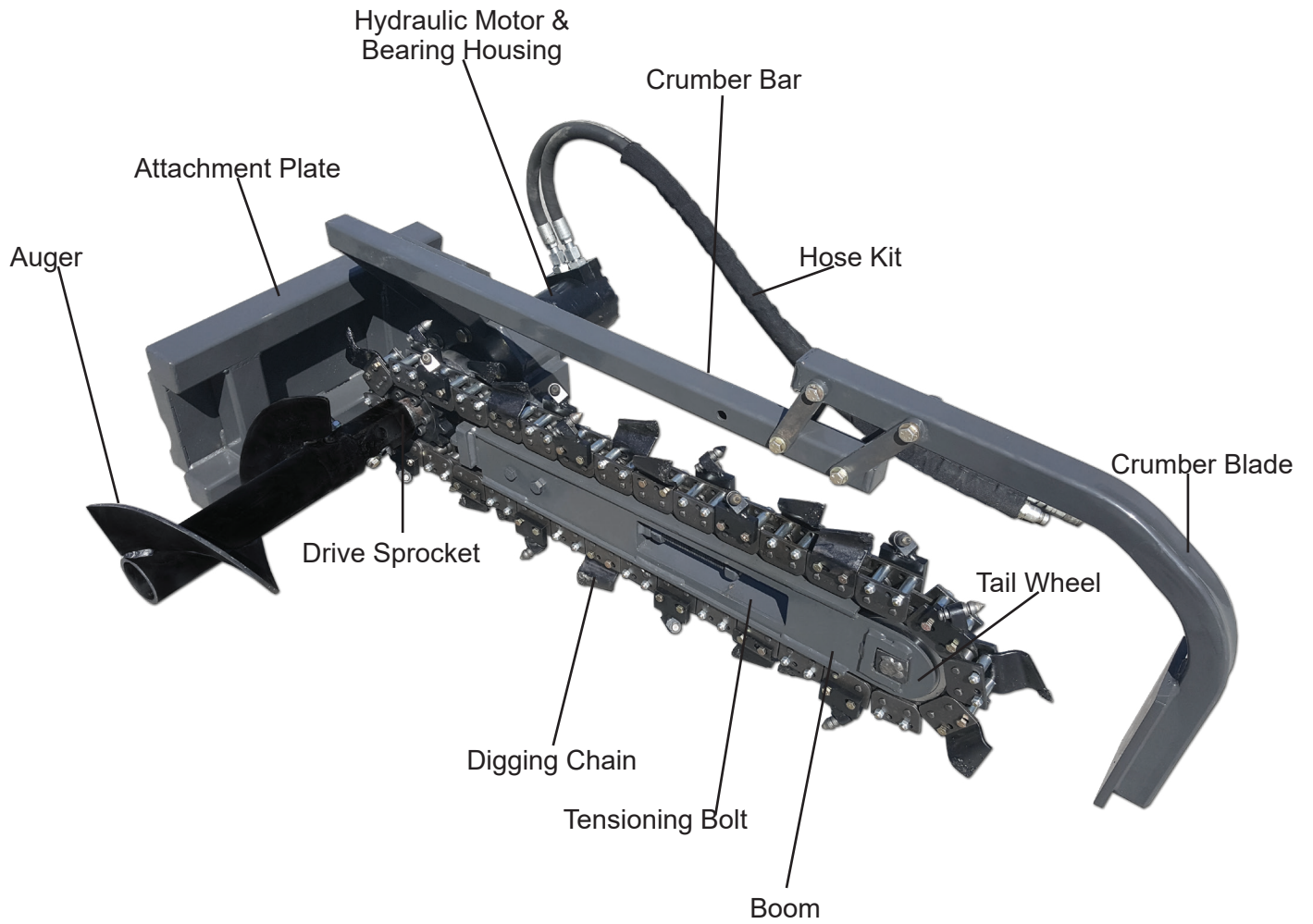
# SECTION 6

## SPECIFICATIONS



SPECIFICATIONS	X-TRENCH 36	X-TRENCH 48	MINI
Hydraulic Flow Options	14-20 GPM	20-30 GPM	6-12 GPM, 12-18 GPM, 18-30 GPM
Trencher Weight W/O Chain	668 lbs	708 lbs	474 lbs - 561 lbs
Digging Depth	36"	48"	36" or 48"
Chain Types	dirt, rock/frost, combo	dirt, rock/frost, combo	dirt, rock/frost, combo
Chain Widths	6", 8"	6", 8"	4", 6", 8"
Crumber Bar	Removable	Removable	Removable

## 6.1 TRENCHER NOMENCLATURE



# SECTION 7

## PARTS INFORMATION

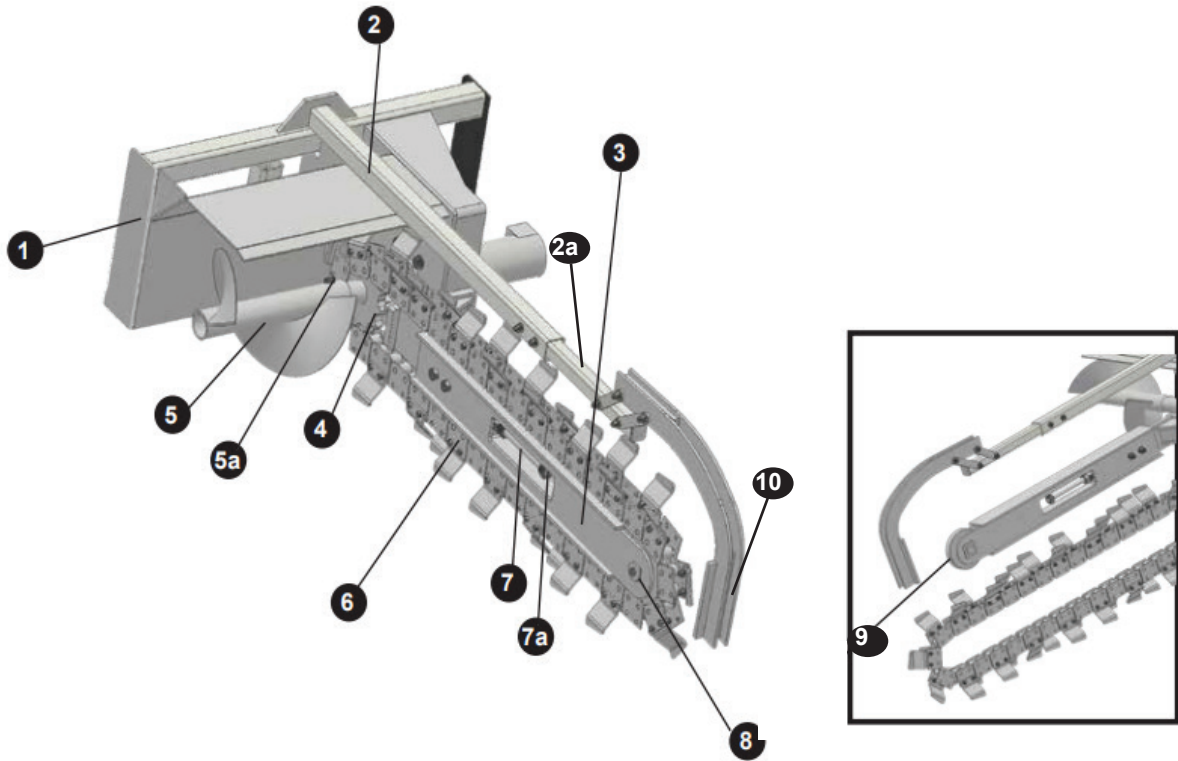
Factory OEM parts specifically designed for your implement are readily available.

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 TRENCHER PARTS DIAGRAM

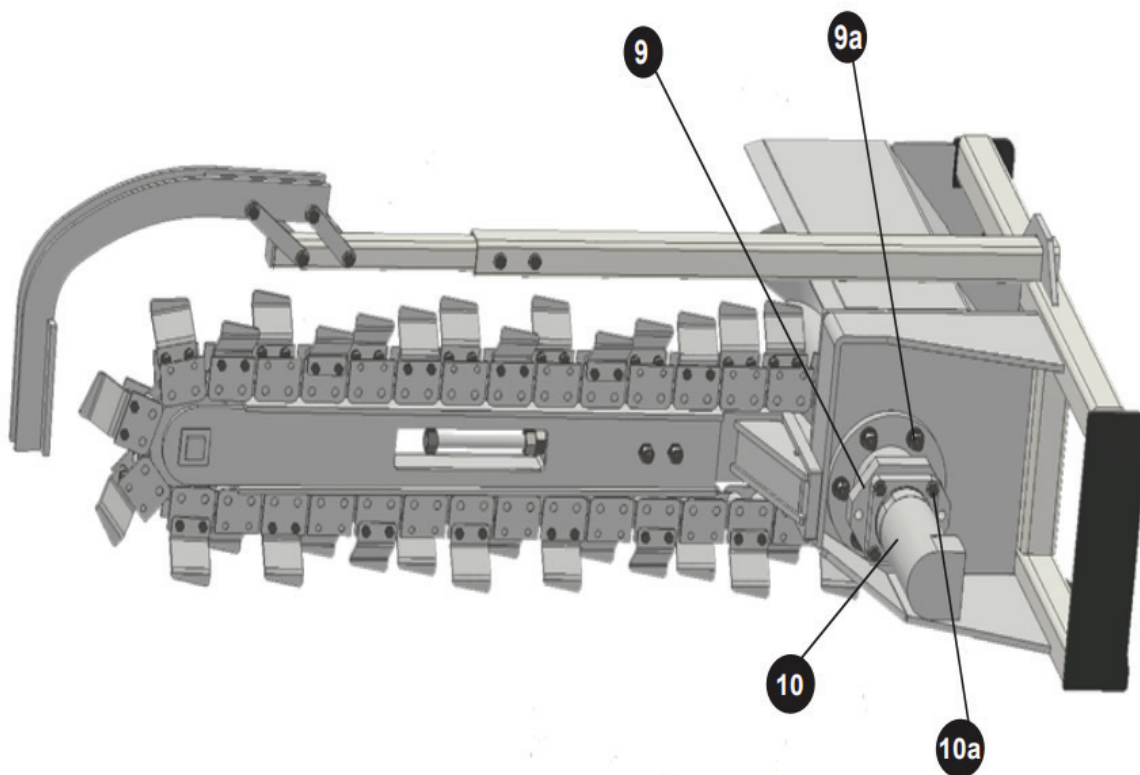


REF	Part Description	WT
1	Frame Weldment	1
2	Crumber Tube (Welded to Frame)	1
2a	Crumber Arm	1
3	Trencher Arm	2
4	Trencher Sprocket/Shaft Weldment	1
5	Auger	1
6	Chain	1
7	1" Threaded Tensioner Rod	1
7a	Tensioner Rod & Nut	1
8	Tail Roller Nut and Pin	1
9	Trencher Front Roller	1
10	Crumber Shoe	1

\*QUANTITY DEPENDS ON SIZE.

**Specify Boom Length And Serial Number When Ordering Parts**

## 7.2 TRENCHER MOTOR PARTS DIAGRAM



REF	Part Description	QTY
9	BEARING HOUSING (BC65)	1
9a	BEARING HOUSING MOUNTING HARDWARE	1
10	MOTOR (3033, 3032)	1
10a	MOTOR MOUNTING HARDWARE	1

# 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.

## **8.0 WARRANTY INFORMATION CONT.**

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. 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.

# SECTION 9

## SAFETY ACKNOWLEDGMENT

**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

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

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:

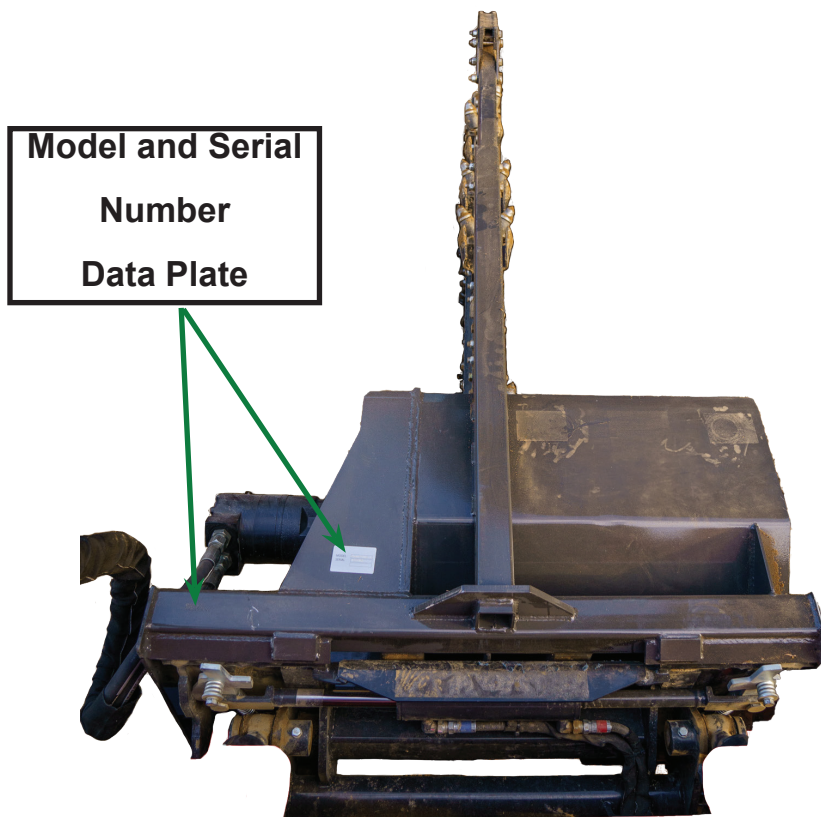
## APPENDIX A FINDING YOUR MODEL AND SERIAL NUMBER

The Model and Serial numbers 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:**

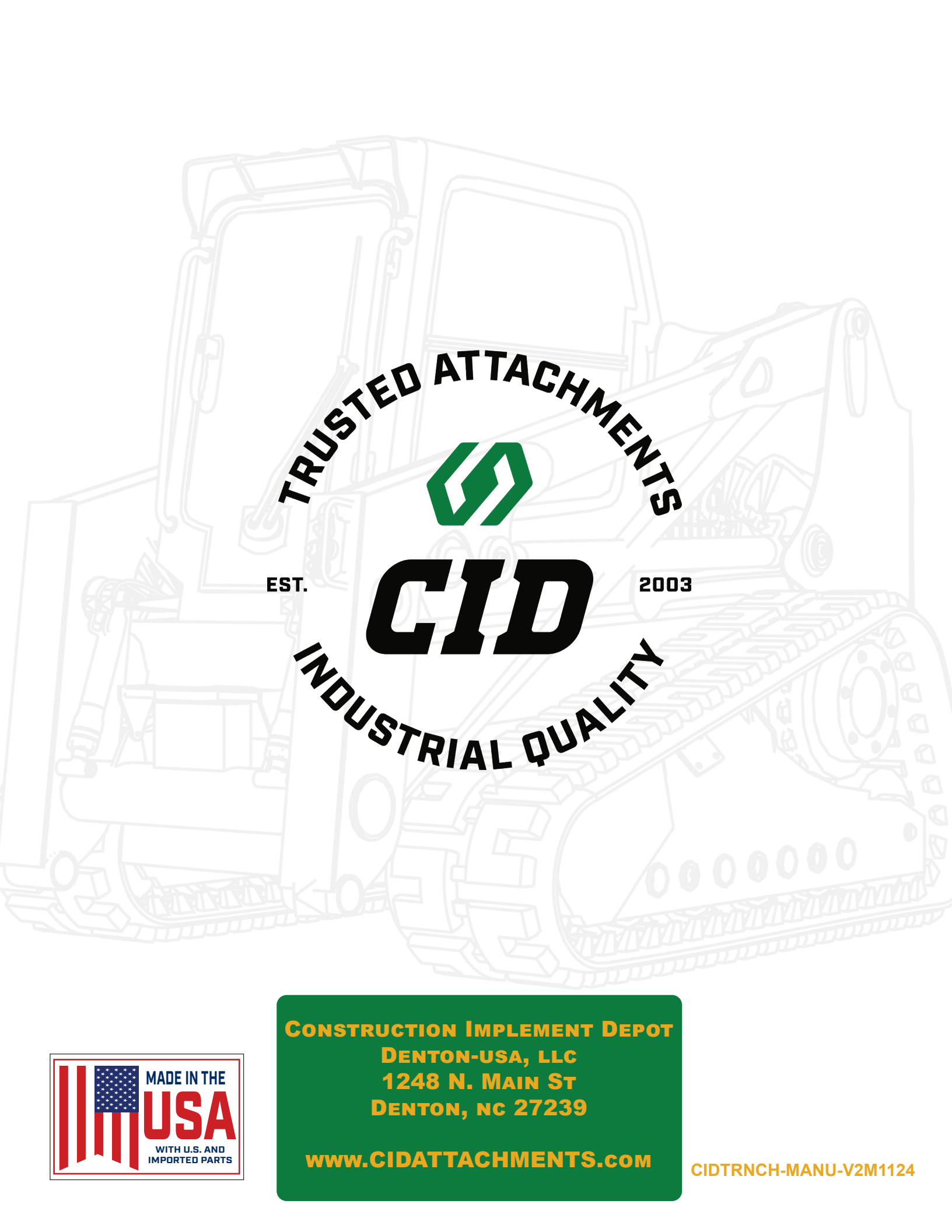
**Top of the attachment plate-left side.**

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  
1248 N. MAIN ST  
DENTON, NC 27239**

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