



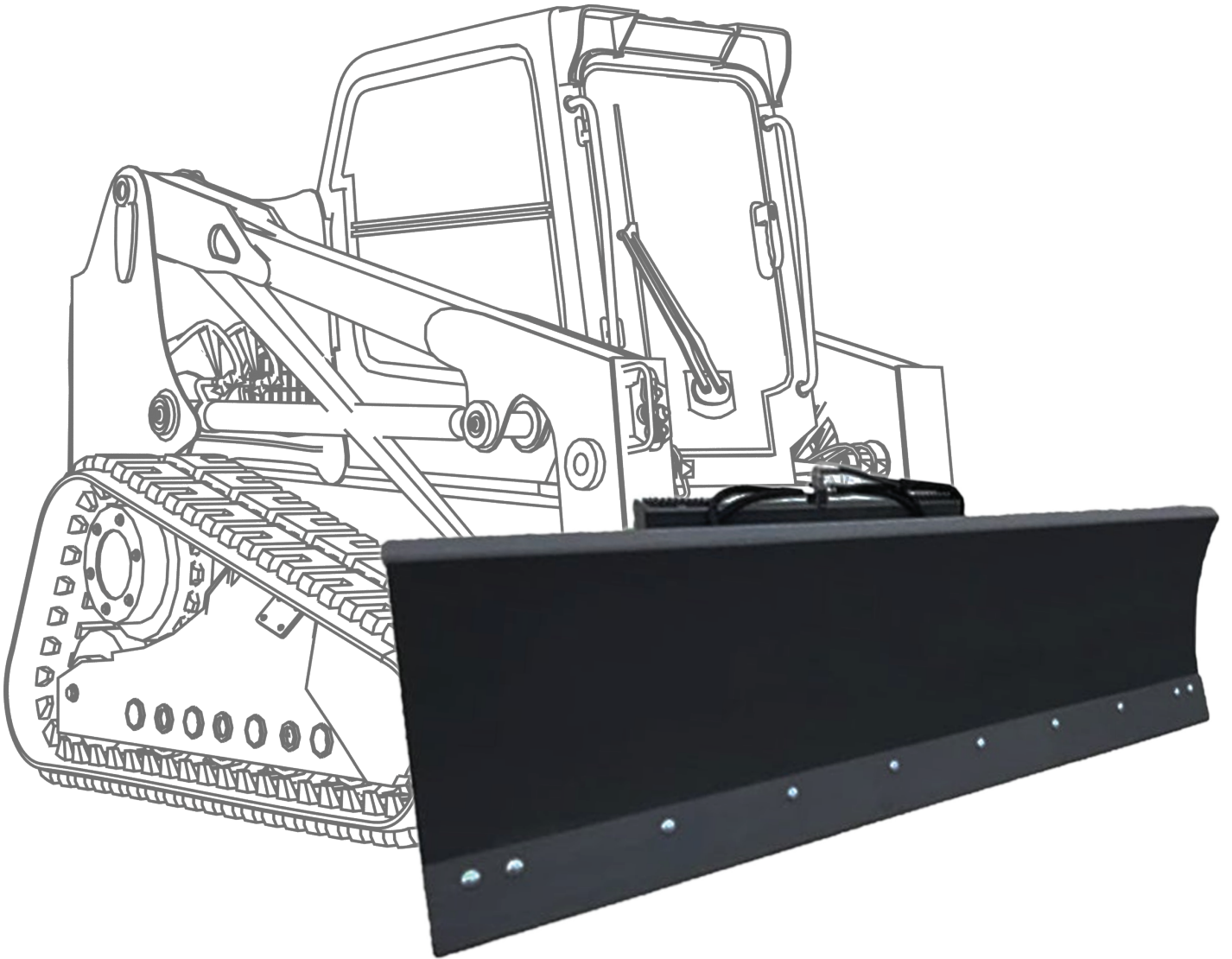
CID

ATTACHMENTS

DOZER BLADE

& PLOW

OWNER'S MANUAL



FEB
2025

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

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

Thank 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.

Sincerely,

Cid Attachments



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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) downline from that flow.

SECTION 2

BLADE & PLOW MODELS

COMPACT TRACTOR SNOW PLOW

The Compact Tractor Snow Plow allows you to quickly clear driveways and parking lots. Easily angle the plow with the 2" X 6" hydraulic cylinder.

- Available in manual angle.
- 2" X 6" Hydraulic Cylinder
- Angles to 30 degrees both ways.
- Available with Rubber Edge.
- Adjustable Skid Shoe
- 3/8" AR400 Bolt On Cutting Edge

- Rated for under 45 HP.

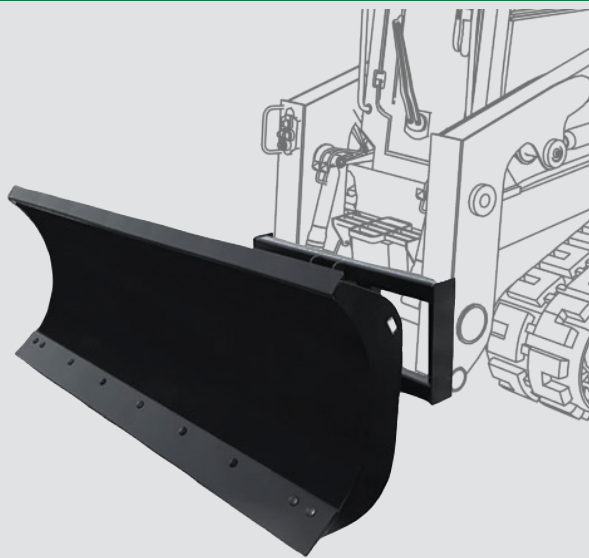


HEAVY DUTY SNOW PLOW

The Heavy Duty Snow Plow is the same basic design of our X-Treme Snow Plow but without the extra roll top. This also allows the operator to have better visibility while plowing.

- Easily angle the plow from inside the cab.
- Available in manual angle (no hydraulics required) or hydraulic versions.
- 3" X 6" Hydraulic Cylinder
- 1/2" AR400 Bolt On Cutting Edge
- Adjustable Skid Shoe
- Angles to 30 degrees both ways.
- Available with Rubber Edge

- Rated for 45-65 HP



X-TREME SNOW PLOW

The X-Treme Snow Plow allows you to efficiently clear driveways and parking lots. Easily angle the plow from inside the machine cab, using the 3" X 6" hydraulic cylinder. The top of the plow is rolled to keep the snow from overflowing towards the cab.

- Easily angle the plow from inside the cab.
- 3" X 6" Hydraulic Cylinder
- 1/2" AR400 Bolt-On-Cutting Edge
- Adjustable Skid Shoe
- Angles to 30 degrees both ways.
- Available in Manual or Hydraulic Versions
- Available with Rubber Edge

- Rated for 65 HP+



2.0 BLADE AND PLOW MODELS

X-TREME 4-WAY & 6-WAY DOZER BLADE

The X-Treme 4-Way and 6-Way Dozer Blades are excellent for grading. With these blades, easily cut a road, level ground for building, or cut a ditch. The dozer blade comes with an electric over hydraulic valve to operate the tilt function of the blade. Only one set of hydraulics are needed.

- Electric over hydraulic valve
- Replaceable cutting edge is standard.
- 1/4" Mold Board
- 3-1/2" x 4" Cylinders
- Replaceable 1/2" AR400 edge is standard.
- 6-way operates with universal, 7 pin, 8 pin, or 14 pin wiring harness.



4-WAY DOZER BLADE



6-WAY DOZER BLADE



MULTI-PURPOSE ANGLE BLADE

This Multi-Purpose Blade was created by engineers to be used as a snow plow and angle blade with ease. To use as a snow plow, remove the center pin. This allows the blade to tip if it hits something. Springs retract the blade into position as soon as the object is cleared.

To use as an angle blade, leave the center pins in to move dirt. This is a 4-way moving blade of up and down and side to side.

These blades have 1/2" thick 6" wide replaceable bolt on cutting edges and comes with two 3" X 6" cylinders, couplings, and hoses. It is ready to go upon delivery.

- Operates as a snow plow or dozer blade.
- 3" X 6" Cylinders
- 3/16" Mold Board
- Removable Center Pin



SECTION 3

SAFETY INFORMATION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
Dozer Blade, Plow	implement, attachment, blade, dozer blade, snow plow, plow
Machine	skid steer loader, skid steer tractor, loader, prime mover, host machine, tractor
Operator	user, personnel

These **Attachments** are 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 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.

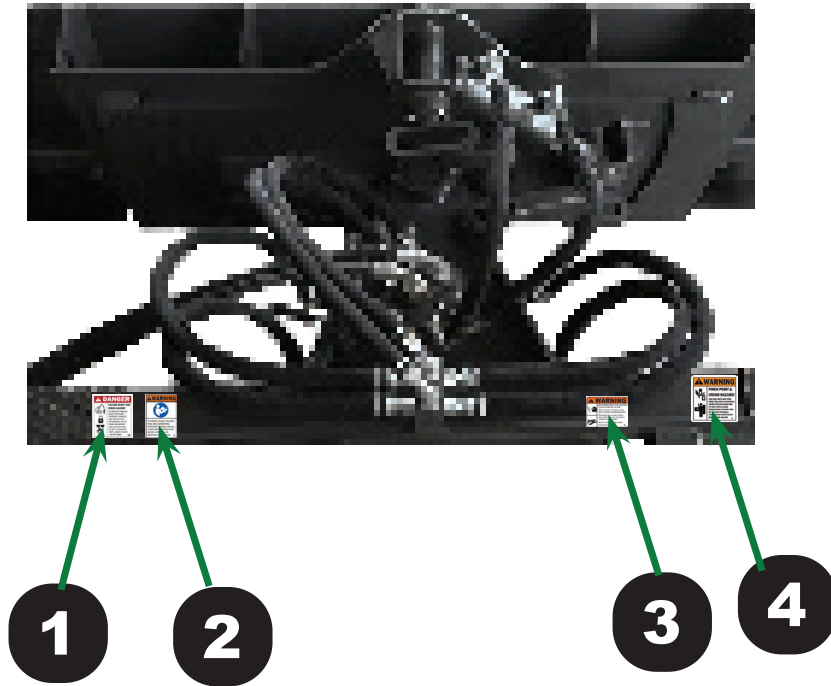
3.1 SAFETY SYMBOLS

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
	PINCH HAZARD: Keep clear of machine and attachment to prevent death or serious injury from pinching of moving parts.
	OPERATING MANUAL: Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.
	EYE PROTECTION & CARDBOARD: Operators and Maintenance personnel must wear proper eye protection and use cardboard or wood to investigate hydraulic leaks to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	HIGH PRESSURE FLUID INJECTION HAZARD: Operators and Maintenance personnel must not place fingers or hands directly over a hydraulic leak to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	NO BYSTANDERS: DO NOT operate this attachment near bystanders. Bystanders must stay back at least 100 feet from the attachment to prevent death or injury from flying objects.
	CRUSH HAZARD: DO NOT place any part of the body under the attachment or machine arms to prevent death or serious injury from being crushed.

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.

CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS

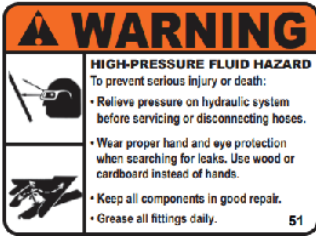






⚠ CAUTION
Keep speed low and exercise extreme caution when plowing as small rocks and debris can be propelled over long distances causing damage to objects or injuries to bystanders. By using this attachment, you acknowledge and accept responsibility for its safe operation. The manufacturer shall not be held liable for any misuse or negligence associated with the use of these attachments.

3.2 SAFETY DECALS CONT.

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	WARNING HIGH PRESSURE FLUID HAZARD	 <p>WARNING HIGH-PRESSURE FLUID HAZARD To prevent serious injury or death: • Relieve pressure on hydraulic system before servicing or disconnecting hoses. • Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands. • Keep all components in good repair. • Grease all fittings daily. 51</p>	1
2	MUST READ OWNER'S MANUAL	 <p>WARNING  TO PREVENT INJURY OR DEATH, READ AND UNDERSTAND OPERATOR'S MANUAL AND ALL OTHER SAFETY INSTRUCTIONS BEFORE OPERATING OR SERVICING THIS MACHINE. 10</p>	1
3	DANGER FALLING OBJECT & CRUSHING HAZARD	 <p>DANGER FALLING OBJECT AND CRUSH HAZARD! TO PREVENT SERIOUS INJURY OR DEATH, PROPERLY CONNECT AND SECURE THIS ATTACHMENT TO THE PRIME MOVER PER OEM INSTRUCTIONS. DO NOT PLACE BODY PARTS UNDER RAISED LOADER ARMS. 06</p>	1
4	PINCH /CRUSH HAZARD WARNING	 <p>WARNING PINCH POINT & CRUSH HAZARD! KEEP BODY PARTS AWAY FROM WEDGE AREA WHILE IN OPERATION. MOVING PARTS CAN CRUSH AND CUT BODY PARTS CAUSING SERIOUS INJURY OR DEATH. TURN OFF AUXILIARY HYDRAULIC CIRCUIT BEFORE INSPECTING OR SERVICING THIS MACHINE. 23</p>	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.

3.3 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.

Machines must have impact resistant windshields, cab side windows, and doors.

THESE Attachments should only be used on machines that meet the following requirements:

MACHINE REQUIREMENTS	
HP	See Pages 6-7 to verify the proper HP for your attachment.

3.4 PERSONAL PROTECTIVE EQUIPMENT (PPE)

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



3.5 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 material 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, large rocks or tree stumps or you may lose control of the machine.**

3.6 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. 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 a ROPS.
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).

4.0 UNPACKING YOUR DOZER BLADE, OR PLOW

SECTION 4

OPERATING PROCEDURES

Your attachment arrives from the factory strapped to a wood pallet and requires no final assembly.

Use a steel band cutting tool to remove the steel straps.

CAUTION

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

4.1 PRE-OPERATING CHECKLIST

Pre-Operating Checklist	
<input type="checkbox"/>	Attachment is securely attached to the machine and pins are 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. (When applicable)
<input type="checkbox"/>	Attachment is in working condition and securely attached to the machine and all bolts and nuts are tight.
<input type="checkbox"/>	Safety labels are present and legible.
<input type="checkbox"/>	Dozer, Blade, Plow, and Cutting Edge are not damaged and are free of obstructions and debris.
<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 has been trained to operate the machine, 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 fluid if necessary. <i>Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.</i>

4.2 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.

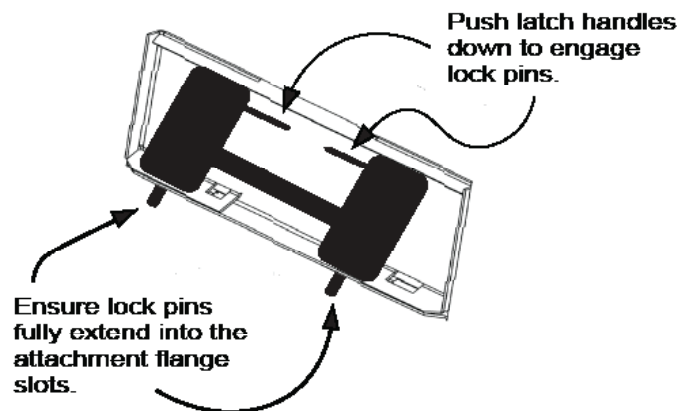
This attachment method refers specifically to skid steers. For all other attachment instructions, refer to the Original Equipment Manufacturer (OEM) for instructions.

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 attachment until the top edge of the Quick Attach Coupler hooks under the lip of the attachment bracket. See *Example 1* below.
3. Slightly tilt the skid steer Quick Attach Coupler upward until the attachment bracket is flat against the skid steer Quick Attach Coupler. See *Example 1* below.



EXAMPLE 1 - QUICK ATTACH COUPLER LOCKED TO ATTACHMENT

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 *Example 2* below.



EXAMPLE 2 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.

4.2 HOW TO CONNECT ATTACHMENT CONT.

NOTICE

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

5. When applicable, 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 starting the attachment.

NOTICE

If during your initial startup, you realize the hydraulics 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.

4.3 CONNECTING ELECTRICAL HARNESS

Connect the 2-wire control harness from the attachment using the A or B Method as shown on page 19. A **universal, 7, 8, or 14 pin** pigtail harness adapter is available to make this connection. When using the optional switch controller, make sure the ground wire is securely attached to the machine frame. Contact your local dealer for more information on how to connect the harness and controller.

ATTACHMENT CONTROLS

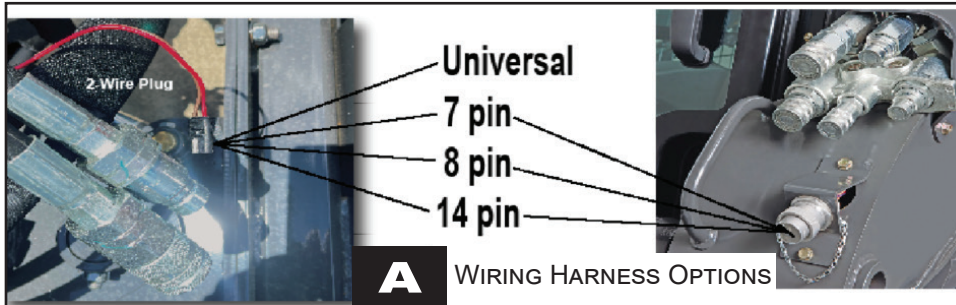
Your attachment is designed to run off the machine's auxiliary hydraulic system, and is activated and deactivated by a control in the operator's cab. The height and tilt functions of your attachment are operated with the control handles or pedals in the cab.

Consult your machine operator's manual for instructions regarding these functions.

HYDRAULIC FLOW REQUIREMENTS

When operating the attachment, always use your machine's standard auxiliary flow. Never use high flow. If you are unsure of your machine's flow rate, contact your machine dealer.

4.3 CONNECTING ELECTRICAL HARNESS ETC.



B OPTIONAL UNIVERSAL SWITCH CONTROLLER

4.4 UNIVERSAL CONTROLLER INSTALLATION

NOTICE

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

1. Place the control box inside the machine cab and connect the red wire with the fuse to the machine operator presence system and the black wire to the machine's grounding system.

! DANGER

Ensure proper functionality of the machine's operator presence system. In the event that bypassing is necessary while utilizing a wiring harness, your use implies acknowledgment and acceptance of inherent risks to yourself and others. Your usage constitutes acceptance for full liability.

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

4.5 BLADE AND SNOW PLOW CONTROLS



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



NOTICE

DO NOT exceed the designed flow rate (GPM) of your attachment. Check the specifications table for your specific model’s max GPM.

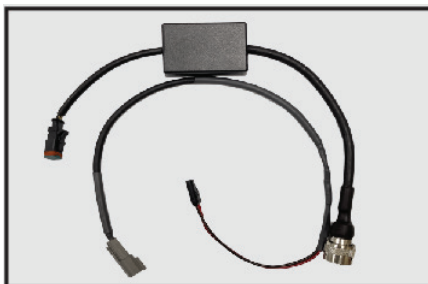
To operate the attachment controls the machines auxiliary hydraulic system must be activated.

To control the angle function of your snow plow , multi-purpose blade, & 4-way dozer, use your machine’s hydraulic controls.

To control the angle function of the 6-way use your machine’s hydraulic controls in tandem with the other wiring harnesses provided.



UNIVERSAL SWITCH CONTROLLER



7-PIN HARNESS



8-PIN HARNESS



14-PIN HARNESS

CAUTION

Exercise extreme caution when adjusting the snow plow angle, as small rocks and debris can be propelled at high speeds over long distances. By using this attachment, you acknowledge and accept responsibility for its safe operation. The manufacturer shall not be held liable for any misuse or negligence associated with the use of this attachment.

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.

1. Set machine engine RPM to just above idle and flip the auxiliary hydraulic switch to the ON position when applicable.
2. With the machine engine RPM just above idle, activate the machine's auxiliary hydraulic system.
3. Increase engine RPM and check for abnormal vibrations or sounds.
4. Raise and lower attachment 3 times and change the angle on the attachment if applicable.
5. Allow to run 30 seconds, reduce engine RPM.
6. Turn off the auxiliary hydraulic system, set parking brake, turn off machine engine and exit cab.
7. 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.

8. Inspect for loose hardware. Fix before continuing.
9. After performing the previous steps and all attachment functions are working properly, the attachment is ready for plowing/grading operations.

WARNING

Never operate this attachment in an enclosed work area. Exhaust fumes from the host machine could result in serious injury or death.
This attachment should be used in an open air environment.

4.7 INSTRUCTIONS FOR PLOWING SNOW

! WARNING

Using this attachment may create white-out conditions in the surrounding area. Remain vigilant of nearby power lines, people, vehicles, and any other obstacles that could potentially damage the machine or attachment.

! CAUTION

Enter and Exit the host machine on the right side when the snow plow attachment is connected. Hydraulic hoses can be a trip hazard.

STARTING TO PLOW SNOW

1. Inspect the work area and make sure it is free of any utilities, rocks, fence posts, barbed wire, rope, twine, and any other objects that could damage the machine or snow plow.
2. With the snow plow properly connected to the host machine, engage the plow with the machine's engine set to a low RPM.
3. Raise the machine arms to lift the snow plow approximately 6" from the ground. Release the parking brake and drive to the work area.
4. Lower/tilt snow plow to desired position as follows: a) Keeping the plow 1" - 2" off the ground for gravel parking lots and drives; b) On plow blade for a clean sweep of an asphalt parking lot or road.
5. Remaining alert to bystanders and safety, angle the plow to the area where snow will be thrown.
6. Increase engine RPM to max. Drive forward and adjust speed as needed.

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CAUTION: Small rocks or debris could be projected from plowing causing injury to bystanders or damage to objects in its path.

4.7 INSTRUCTIONS FOR PLOWING SNOW CONT.

SNOW PLOWING TIPS

1. To plow snow to the left or right sides of the work area, begin snow plowing with the snow plow positioned in the center of the work area and angle the discharge up to 30 degrees to the right or left. Drive forward from one end to the other making turns in the opposite direction of the discharge. Note: Snow plow does not have to change direction at each pass.
2. To plow snow to one side of a work area, begin snow plowing at the opposite end of the snow discharge area. Drive forward to the end of work area then turn in the direction of the snow discharge area. It may be necessary to angle the blade at the end of each pass to keep the snow piles in the discharge area.
3. Adjust your speed according to the depth and thickness of the snow. Use lower speeds in deeper snow to prevent overloading the host machine or attachment.
4. When removing deep snow (snow deeper than snow plow), several passes with the snow plow adjusted to different heights will be necessary.

NOTICE Setting the plow too low may result in damage to the parking lot and your attachment.



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4.8 SAFETY WHEN PLOWING SNOW

! 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 6" off the ground.

! CAUTION

To avoid injury from flying debris or rocks being thrown back at the operator, never operate this attachment with bystanders nearby or machine arms raised at or above eye level of the operator. A closed cab with polycarbonate door is recommended or proper PPE with an open cab.

4.8 SAFETY WHEN PLOWING SNOW CONT.

SAFETY PRACTICES

1. ONLY OPERATE IN WELL LIT WORK AREAS
2. NEVER OPERATE DURING SNOW STORMS, FOG OR OTHER ADVERSE WEATHER CONDITIONS WHERE VISIBILITY IS LIMITED.
3. DO NOT OPERATE NEAR STEEP EDGES OR DROP OFFS.
4. WATCH FOR VEHICLES AND PEDESTRIANS ON HIGHWAYS, ROADS AND PARKING LOTS.
5. DO NOT OPERATE ON FROZEN LAKES, CREEKS, RIVERS, OR PONDS.
6. ENSURE WORK AREA IS CLEAR OF OBJECTS THAT MAY BE DISCHARGED AND MARK ALL OBSTACLES. BE AWARE IN HEAVY SNOWFALL, OBJECTS CAN BE COMPLETELY HIDDEN BY THE SNOW. THERE IS NO WARRANTY COVERAGE FOR HITTING UNSEEN OBJECTS.
7. BEFORE ANGLING BLADE OR STARTING TO PLOW, REMOVE ANY ICE BUILDUP.
8. DO NOT ATTEMPT TO REMOVE ICE ON THE BLADE OR PLOW WITH THE ENGINE RUNNING. TURN OFF AUXILIARY HYDRAULICS, TURN OFF SKID STEER ENGINE, AND SET PARKING BRAKE BEFORE DEICING.

4.9 INSTRUCTIONS FOR USING YOUR BLADE

1. ALWAYS inspect the work area before starting the job. Locate and mark any utilities (shut off utilities), 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 camera when backing up. VERIFY that your back-up alarm is working properly to warn others when you are in reverse, but NEVER assume that the alarm or camera replaces your responsibility to visually check what is behind you.
5. Attachment control is the most important element to getting a good steady work flow.
6. Pushing too big of a load with the attachment will only result in spinning the tracks or tires and will make unwanted ruts and could lead to attachment damage (non-warrantied).
7. Attempting to push too much dirt with the attachment will also necessitate raising the implement to off-load some of the resistance occurring by the material.
8. Before beginning your forward motion with your attachment, stop the machine and make any final angle and height adjustments before continuing.
9. When using your hydraulic attachment, make sure that you can visually see your load. Beware of pushing or pulling down trees or any type of structure in which you cannot visually see the process.
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.

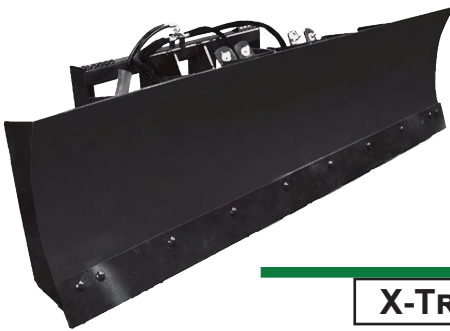


4.9 INSTRUCTIONS FOR USING YOUR BLADE CONT.

11. Be careful that a branch, tree, or root does not “whip” back at the machine. Do NOT attempt to push over dead trees with dead limbs overhead that may fall on you, your machine, or attachment and can cause damage or death.
12. When pushing over trees, debris, or other items always be aware of fall paths, or other scenarios that can cause destruction or death while also making sure to have areas clear and safe.
13. Keep your distance from any type of utility, whether underground or in the air.
14. Wear safety glasses to prevent dirt getting in your eyes. The manufacturer highly recommends a closed in cab.



MULTI-PURPOSE ANGLE BLADE



PLEASE NOTE: The Multi-Purpose Angle Blade can be used for EITHER DIRT OR SNOW. To adapt the blade for snow removal, remove the locking pin that prevents the blade springs from absorbing shock loads.

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X-TREME 4-WAY & 6-WAY DOZER BLADE

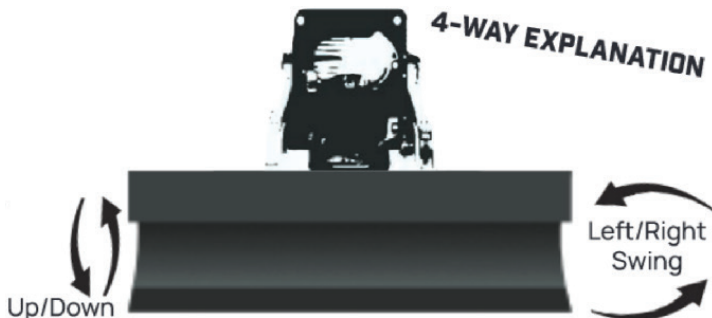


6-WAY EXPLANATION



While these blades are primarily used in dirt, they can be utilized for snow removal as well. Keep in mind that these blades do not have springs to absorb shock loads when encountering obstacles which may result in damage to your attachment if objects are encountered during snow removal. It also could cause injury to yourself or others.

4-WAY EXPLANATION



⚠️ WARNING

Use of these blades for snow removal is not their intended usage and may result in damage to your attachment. By using this attachment for snow, you acknowledge and accept responsibility for its safe operation. The manufacturer shall not be held liable for use of this attachment in any way and the warranty may not apply for damages incurred for anything other than its intended use in correct dirt applications.

4.9 INSTRUCTIONS FOR USING YOUR BLADE CONT.

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.



4.10 HOW TO DISCONNECT ATTACHMENT

DISCONNECTING ATTACHMENT

1. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure.
2. Park machine on a flat and level surface then lower snow plow or blade 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.
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.

SECTION 5

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.**
- ! 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.**
- ! Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.**
- ! Wear a welding helmet when welding to protect your eyes, face and neck from flash burn, ultra-violet radiation and heat.**

5.0 MAINTENANCE OVERVIEW CONT.

-  Only perform service work in a well-lit area.
-  Allow the attachment to cool down before servicing this machine.
-  **NEVER** work under an unsupported attachment.

5.1 MAINTENANCE SCHEDULE

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

MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
Check host machine's hydraulic fluid level. Add manufacturer recommended fluid as necessary. <i>Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.</i>	X		
Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary before each use.	X		
Inspect and replace any worn, torn, or missing safety decals.	X		
Inspect hydraulic hoses and connectors for damage or leakage. Repair or replace hydraulic items as necessary.	X		
Check and remove dirt, debris, ice, or snow accumulation from blades and plows.	X		
Lubricate all grease zerks with Lithium #2 Grease.	X		
Check the condition of the bolt-on edge, cutting edge, and rubber edge by raising the attachment off the ground and tilting as needed.* Replace or repair edge as needed <i>*Make sure arms are locked & parking brake set before inspecting.</i>	X		
Wash attachments thoroughly to prevent rust. Refer to Pg 31.		X	
Check attachment for major scratches & dings. Sand and repaint these areas to prevent rust damage. <i>*Use formulated paint for farm equipment which can be found at your local hardware store.</i>			X

5.2 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 Filter 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

5.3 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 & salt.</p> <p>Wash thoroughly with cleaner.</p> <p>Allow to dry thoroughly. Lubricate as instructed.</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>


5.4 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	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

5.5 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/>

5.6 DOZER BLADE AND SNOW PLOW CARE



WASHING YOUR BLADES & SNOW PLOWS.

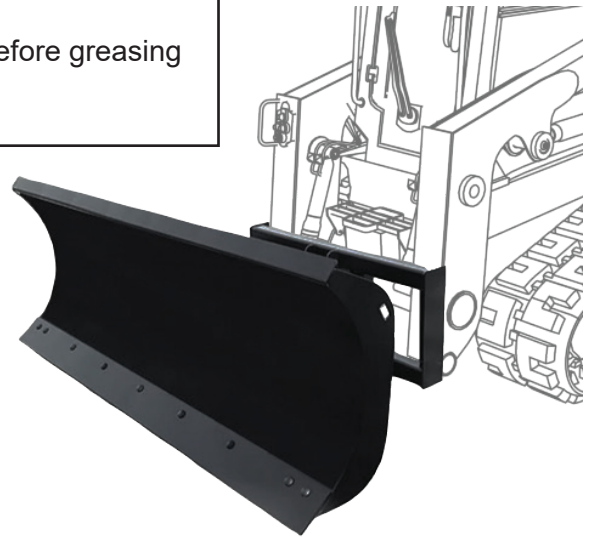
Since the snow attachments come in frequent contact with salt, it is **HIGHLY** recommended that you wash your snow attachments with soap at least every week to **PREVENT RUST!** You can use dish soap or any other soap formulated for road grime.

All other attachments may follow the recommended washing schedule.

At the end of each season, all snow attachments **MUST BE** washed thoroughly with soap and water. Allow to dry completely before greasing all recommended points of contact.

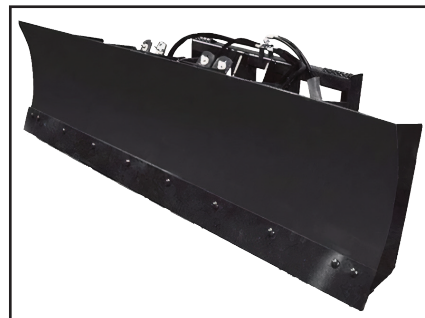
! WARNING

It is crucial that you grease your snow plow and blade as recommended to prevent moving parts from seizing up from rust due to all the salt & corrosive chemicals exposure.



5.7 BOLT-ON-EDGE REPLACEMENT

1. Using the machine controls, position the attachment to access the bottom edge by using either lifts and a hoist, the host machine, or place on secure blocking as needed.
2. **MAKE SURE TO PLACE MACHINE IN PARK AND ALWAYS SET THE ATTACHMENT CLOSE TO THE GROUND OR ON THE GROUND. INSERT LIFT ARM LOCKS.**
3. Power off machine and place in engine park on the host machine.
4. Clean the bolt-on-edge thoroughly.
5. Remove bolts holding the edge and remove edge.
6. Place the new bolt-on-edge in position and insert bolts. Torque the bolts to the proper specifications found in this manual.



BLADES & PLOWS

SECTION 6

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Blade won't angle or tilt correctly.	<ol style="list-style-type: none"> 1. Low hydraulic fluid supply. 2. Obstruction in hydraulic line. 3. Bent Cylinder rod or cylinder internal bypass. 4. Damaged hydraulic cylinder. 5. Hydraulic couplers malfunctioning or noncompatible. 6. Hydraulic Couplers not completely engaged." 	<ol style="list-style-type: none"> 1. Add manufacturer recommended hydraulic fluid. 2. Remove obstruction or replace. 3. Replace 4. Replace 5. Replace 6. Check and tighten couplers.
Tilt function does not work.	<ol style="list-style-type: none"> 1. Electrical problem. 2. Hydraulic selector valve damaged, or bad component. 	<ol style="list-style-type: none"> 1. Ensure the electrical harness is connected to a 12V source. Ensure the electrical circuit is properly grounded. Search for pinch marks in the electrical harness, replace if damaged or cut. With the engine turned off and the ignition key in the "ON" position, activate the swing switch and listen for a "click" sound in the solenoid valve on the attachment. If no "click" sound is heard, either there is no power to the solenoid or the solenoid coil has failed. Check for 12V at the coil harness connector using a multi-meter. 2. Replace or repair damaged components.
Blade or plows won't hold angled position.	<ol style="list-style-type: none"> 1. Hydraulic Fluid leaking past cylinder seals. 2. Broken or leaking Hydraulic lines 3. Overloading one side of the plow. 	<ol style="list-style-type: none"> 1. Replace cylinder seals. 2. Replace and check for leaks. 3. Distribute workload across the full plow or angle to max position.
Blade or plows speed of angling or tilting operation is too slow or erratic	<ol style="list-style-type: none"> 1. Malfunctioning valve. 2. Hydraulic Fluid leaking past cylinder seals. 3. Hydraulic couplers not completely engaged. 4. Obstruction in hydraulic line. 	<ol style="list-style-type: none"> 1. Replace. 2. Replace cylinder seals. 3. Check & tighten couplers. 4. Remove obstruction or replace.

6.0 TROUBLESHOOTING CONT.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Blade or plow is digging into one side when angled or keeps damaging hard surfaces.	<ol style="list-style-type: none"> Attachment is not level to the ground and backframe is incorrectly positioned. For Plow or Snow/Dozer shoes are improperly adjusted. Plow or blade has been damaged in use. Excessive downward pressure, uneven surfaces, or user control. 	<ol style="list-style-type: none"> Check "Backframe Pivot Triangle and keep level to the ground" then angle as necessary. For snow or dozer shoes, adjust to correct height. Contact attachment manufacturer to get replacement. Use machine float control (if equipped) or similar techniques to maintain better control and pressure while in use.
Snow Plow tripping too frequently.	<ol style="list-style-type: none"> Too much load or your scraping and digging into ice or hardened packed snow. Springs have been stretched under a hard impact. 	<ol style="list-style-type: none"> Reduce amount of pushing and take smaller passes to reduce shock load or slightly raise plow by adjusting snow shoes or hydraulics. Contact attachment manufacturer for replacement.
Hydraulic fluid leaking.	<ol style="list-style-type: none"> Cylinder seals damaged. Broken or loose hydraulic lines or fittings. O'rings damaged between the valves Host machine leaking. 	<ol style="list-style-type: none"> Replace and repair. Check for leaks & repair or replace. Replace O'rings. Inspect and replace necessary machine side components.



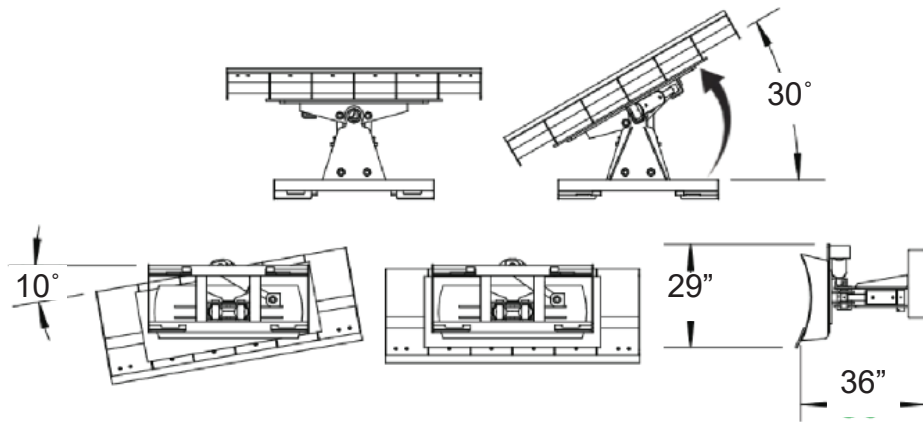
DANGER

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.

SECTION 7

SPECIFICATIONS

X-treme 6-Way Dozer Blade Specs

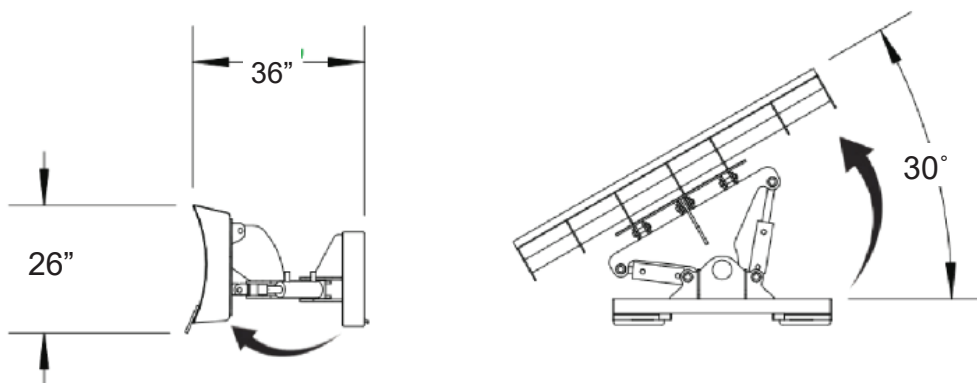


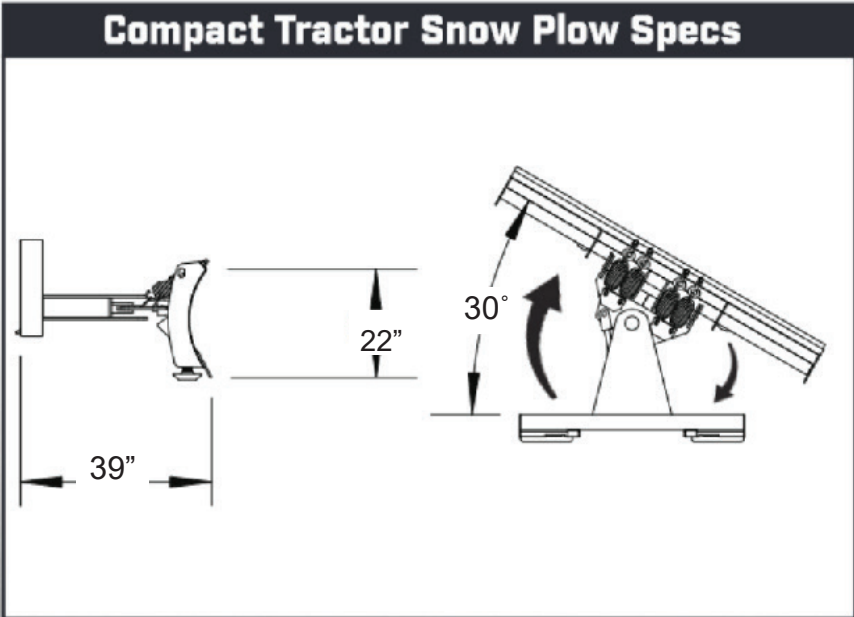
X-TREME 4 WAY 6 WAY DOZER BLADE



MULTI-PURPOSE ANGLE BLADE

Multi Purpose Angle Blade Specs

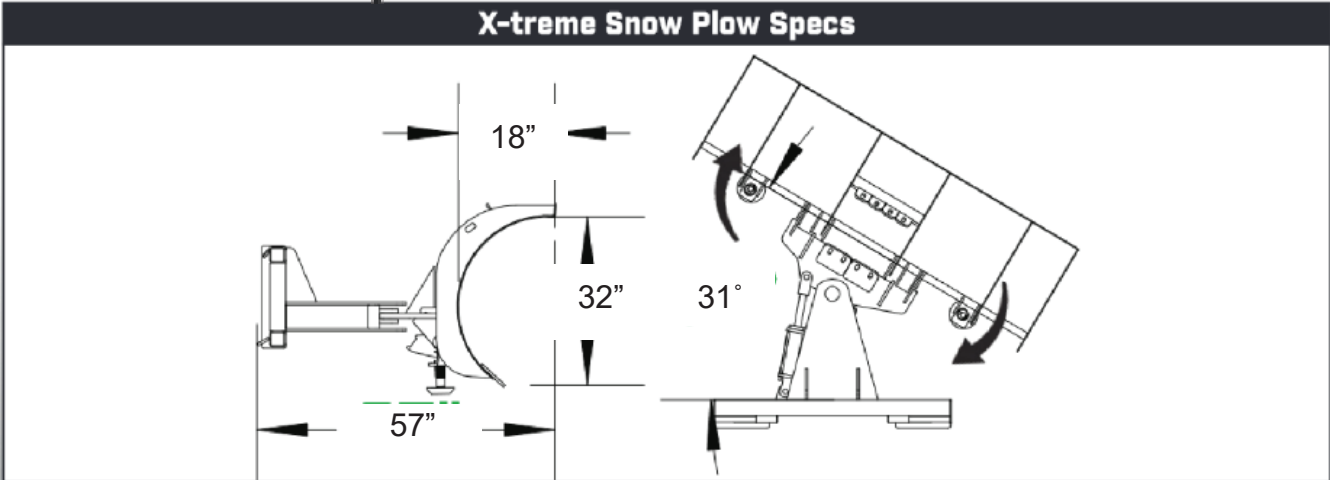




COMPACT TRACTOR SNOW PLOW



X-TREME SNOW PLOW



SECTION 8

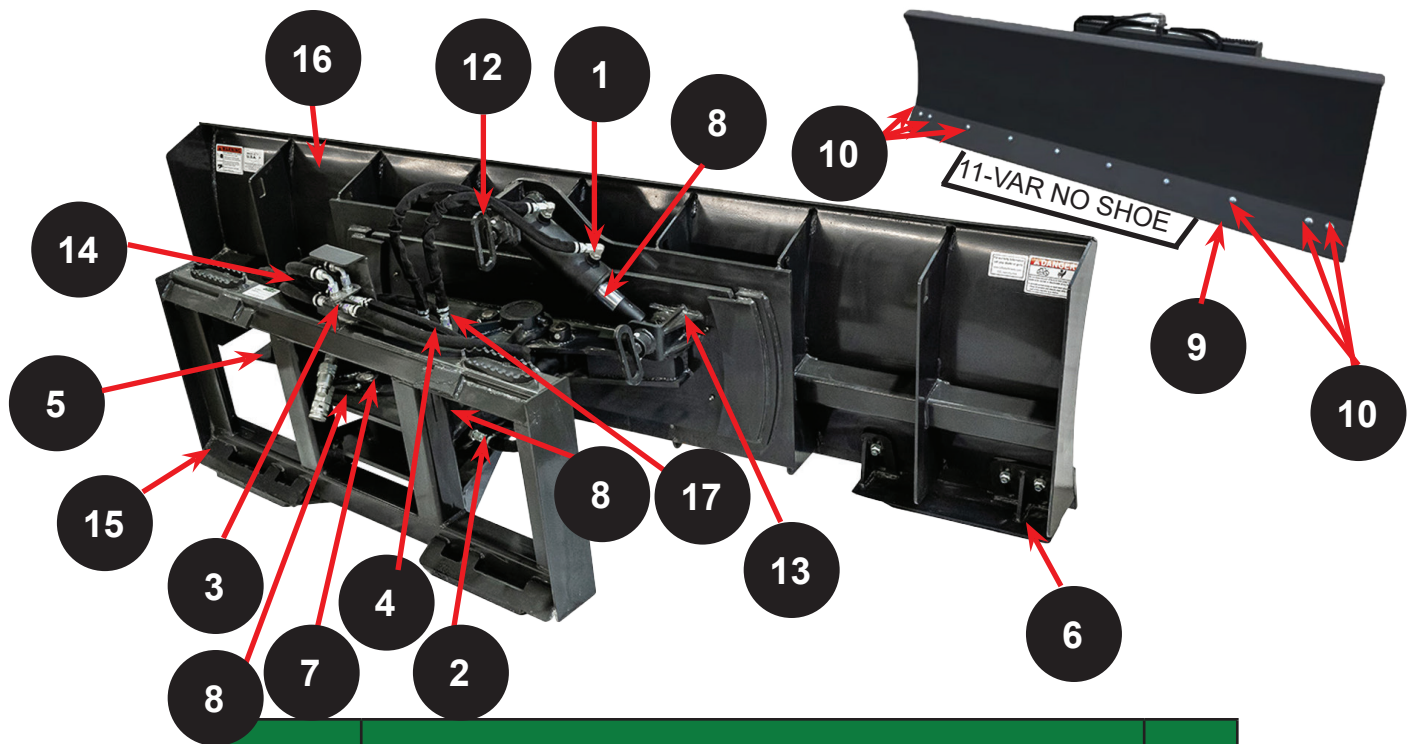
PARTS INFORMATION

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

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

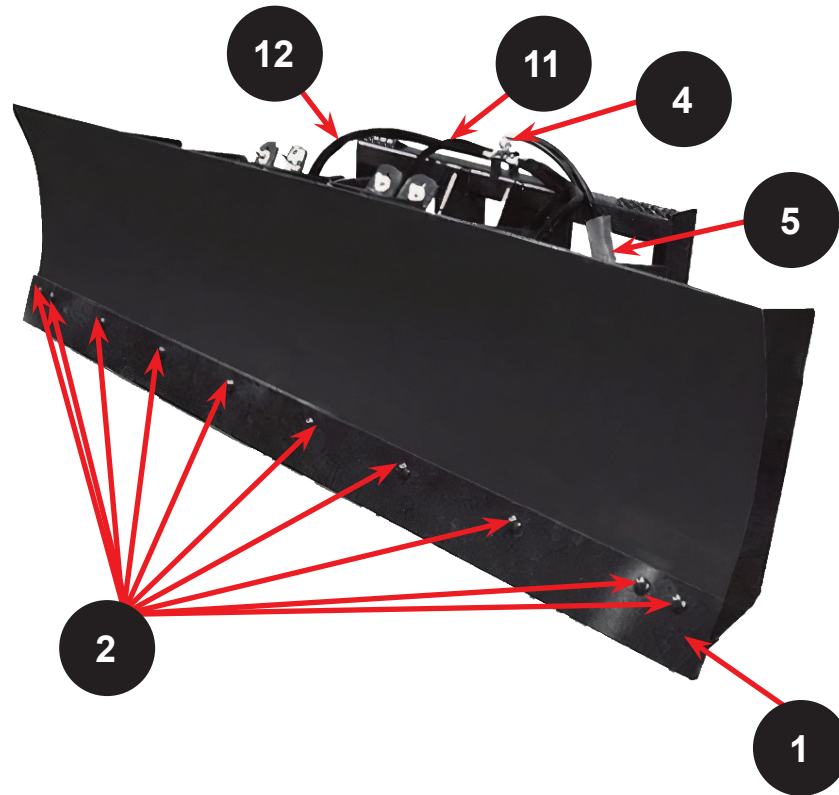
Model Number	
Serial Number	
GPM Requirements	
Date of Owners Manual (Bottom Left Corner of Cover Page)	
Parts Diagram Page Number	
Part Description	
Reference #	
Quantity Desired	
Ship To Information	
Bill To / Payment Information	

8.1 X-TREME 4- WAY, 6-WAY DOZER BLADE PARTS DIAGRAM



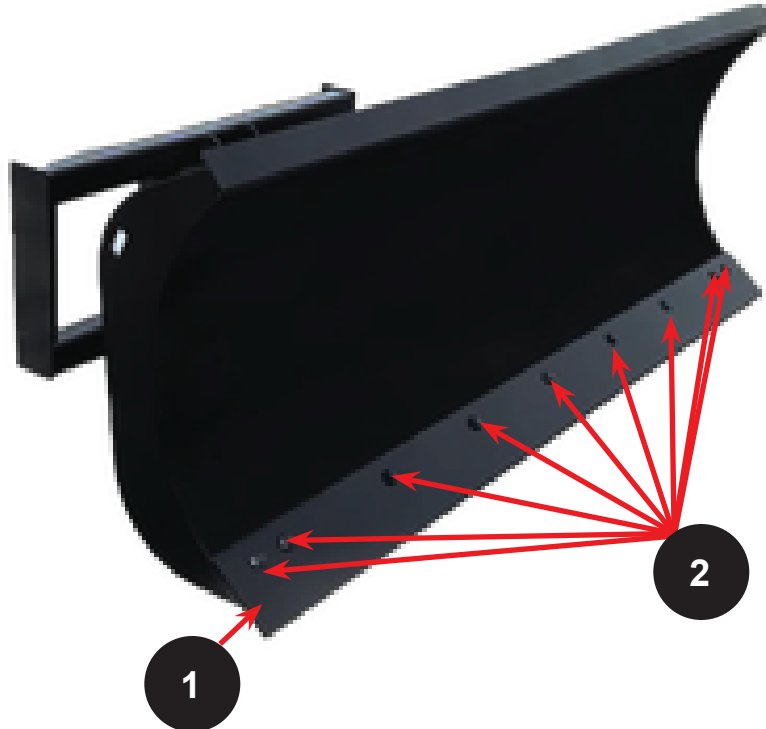
Ref. No	Part Description	Qty
1	90° Cylinder Fitting 6801-06-08 (HY 1023)	2
2	Straight Cylinder Fitting 6400-06-08 (HY 1048)	4
3	Tee 2703LN-06-06-06 (HY 1045)	2
4	Selector Solenoid Fittings 6400-06-10 (HY 1016)	4
5	Dozer Shoe Sub Assembly-Left	1
6	Dozer Shoe Sub Assembly-Right	1
7	Selector Valve (CID3045)	1
8	3.5" X 4" Cylinder (CID3075R)	3
9	Plow edge 0.5 (Length)	1
10	Carriage Bolt 5/8" course-2"- through shoe	6
11	Carriage Bolt 5/8" course 1.75" -no shoe	VAR
12	7" X 1.25" Pin-handle weldment	1
13	5" X 1.25" Pin- handle weldment	1
14	Set of: 6' - 3/8" Machine hose with 5" sleeve	1
15	Back frame weldment	1
16	Front blade pivoting weldment	1
17	7.5" X 3" Center Pivot Pin	1
18	23" hose 3/8" (Not shown)	2
19	26" hose 3/8" (Not shown)	2
20	30" hose 3/8" (Not shown)	4
21	Control wire for solenoid - 2 wire (Not shown)	1

8.2 MULTI-PURPOSE ANGLE BLADE PARTS DIAGRAM



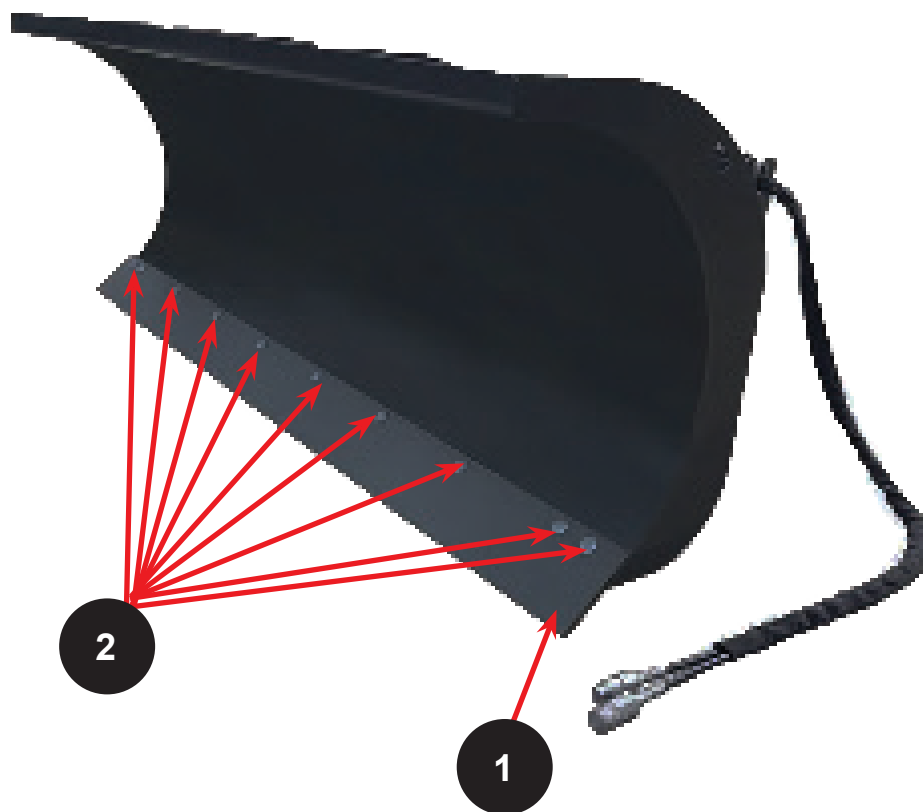
Ref. No	Part Description	Qty
1	Plow Edge .5 (length)	1
2	2-5/8" x 2.00" coarse thread carriage bolt	12
3	5/8" locknut (<i>Not Shown</i>)	2
4	3/8" tee (HY1045)	2
5	7' by 1/4" machine hose with protective sleeve	2
6	Pin- 6" x 1" with 3/8"hole blade hinge pin (<i>Not Shown</i>)	3
7	Pin- 1.25" X 5.625" 3/8" hole rod end cylinder pin (<i>Not Shown</i>)	2
8	Pin- 7.5" x 1.25" 3/8" hole back end cylinder pin (<i>Not Shown</i>)	2
9	MPAB-hinge triangle weldment (<i>Not Shown</i>)	1
10	7.5" x 3" large pivot pin (<i>Not Shown</i>)	1
11	27" by 1/4" short cylinder hose	2
12	32" by 1/4" long cylinder hose	2
13	Cylinders (CID3076R) (<i>Not Shown</i>)	2
14	Short Spring (CID7158) (<i>Not Shown</i>)	4
15	6400-06-08- cylinder fitting (HY1048) (<i>Not Shown</i>)	4
16	Eyebolt 1/2" x 6", washer and nut (<i>Not Shown</i>)	4

8.3 COMPACT SNOW PLOW PARTS DIAGRAM



Ref. No	Part Description	Qty
1	Plow Edge 3/8" Size	1
2	5/8" Carriage Bolt 1.75" Long coarse	VAR
3	3/8" 90° O-Ring to JIC Cylinder Fitting (HY1003) <i>(Not Shown)</i>	2
4	2" x 4.5" Cylinder (CID3097) <i>(Not Shown)</i>	4
5	Short Snowplow Shoe (CID2092) <i>(Not Shown)</i>	2
6	Long Spring (CID7192) <i>(Not Shown)</i>	2
7	1/2" Eye Bolt 6" <i>(Not Shown)</i>	2
8	Pin- 1" x 7" 3/8" hole (blade pivot) <i>(Not Shown)</i>	2
9	Pin- 1" x 5.5" cylinder pin rod end <i>(Not Shown)</i>	1
10	Pin- 1" x 6" cylinder pin barrel end <i>(Not Shown)</i>	1
11	Pin- 7.5" x 2.0" pivot pin <i>(Not Shown)</i>	1
12	8' by 1/4" hose with sleeve <i>(Not Shown)</i>	2
13	1/2" Quick Disconnect Couplers (Flat Face or Pioneer) <i>(Not Shown)</i>	1

8.4 X-TREME & HEAVY DUTY SNOW PLOW PARTS DIAGRAM



Ref. No	Part Description	Qty
1	Plow Edge-5-(length)	1
2	5/8" x 2" Carriage Bolt course	VAR
3	Long Snowplow Shoe (CID3093) (<i>Not Shown</i>)	2
4	Shoe Spacer (1 per shoe) (Total: 2) (<i>Not Shown</i>)	2
5	HD x XD Snowplow Cylinder (CID3097R) (<i>Not Shown</i>)	2
6	3/8" JIC to 1/2 O-Ring 90° (HY1023) (<i>Not Shown</i>)	2
7	Long Spring (CID7192) (<i>Not Shown</i>)	4
8	1/2" X 6" Eye Bolt coarse threads (<i>Not Shown</i>)	4
9	HD/XD Plow- Hinge Triangle Weldment (<i>Not Shown</i>)	1
10	Pin 6" x 1" 3/8" Hole- Hinge Pin for Blade (<i>Not Shown</i>)	2
11	Pin 7.5" x 2" Pivot Pin Triangle (<i>Not Shown</i>)	1
12	Pin Tie Rod Cylinder-3" x 5/16" x 1" Cylinder Pin (<i>Not Shown</i>)	2
13	7' 9" hose 1/4" hose (<i>Not Shown</i>)	1
14	8' 4" hose 1/4" hose (<i>Not Shown</i>)	1
15	1/2" Quick Disconnect Couplers (Flat Face)(<i>Not Shown</i>)	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.

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, 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:

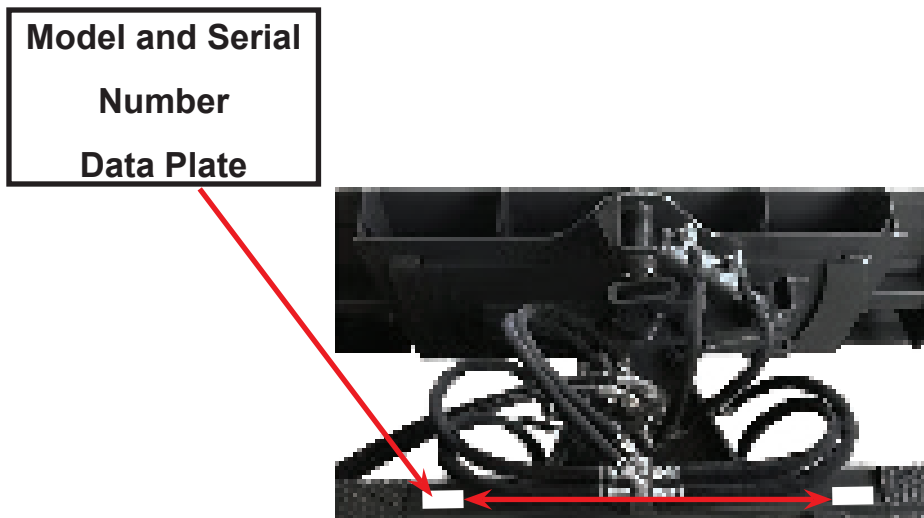
APPENDIX A FINDING YOUR MODEL AND SERIAL NUMBER

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

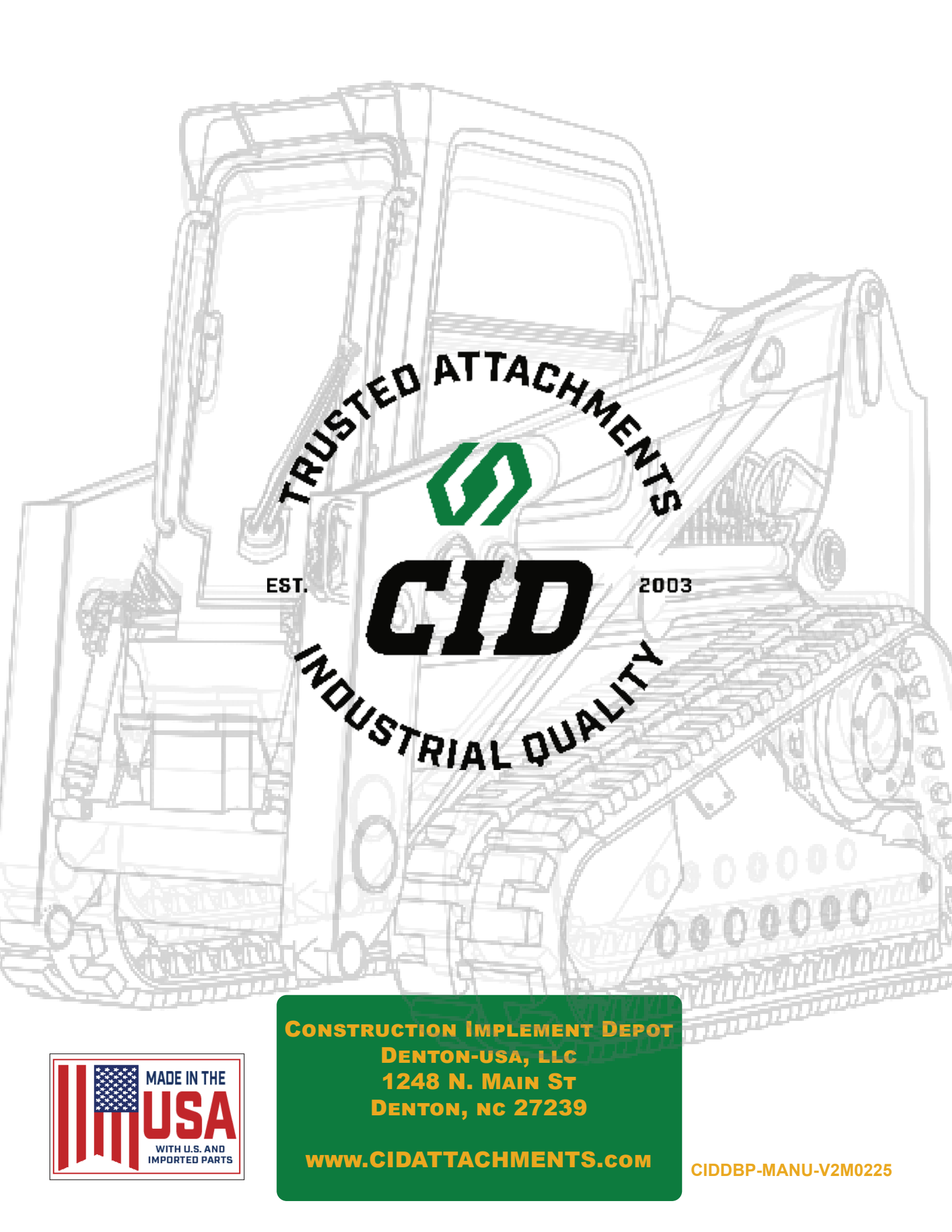
Instructions: Stand at the back of the attachment facing the attachment mounting bracket and look in the following locations:

Top of the attachment plate-left or right 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**

www.CIDATTACHMENTS.com

CIDDBP-MANU-V2M0225

