



EN

Operation & Maintenance Manual

Snow Pusher



6 Foot Snow Pusher S/N: B68P00101 & Above
7 Foot Snow Pusher S/N: B68R00101 & Above
8 Foot Snow Pusher S/N: B68S00101 & Above
10 Foot Snow Pusher S/N: B6HZ00101 & Above



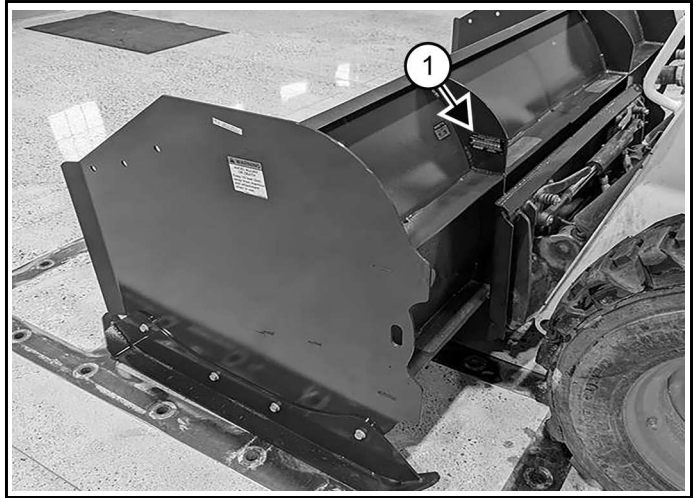


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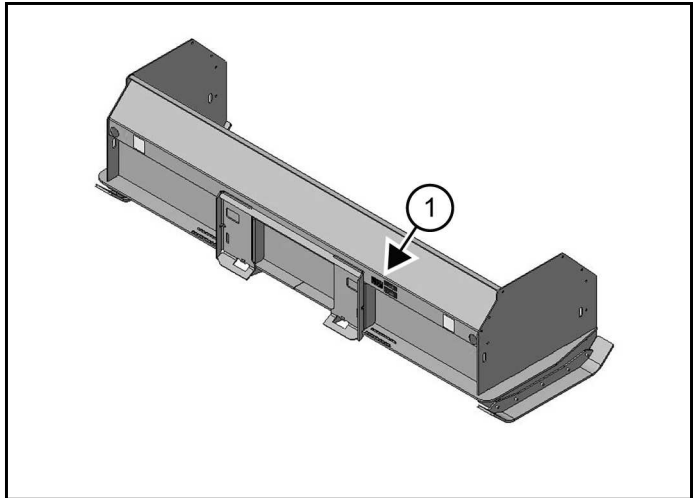
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MANUFACTURER**North America**

Ignite Attachments
2741 20th Avenue South
Moorhead, MN 56560
1-888-232-1988

SERIAL NUMBER LOCATION**Attachment Serial Number****Figure 1**

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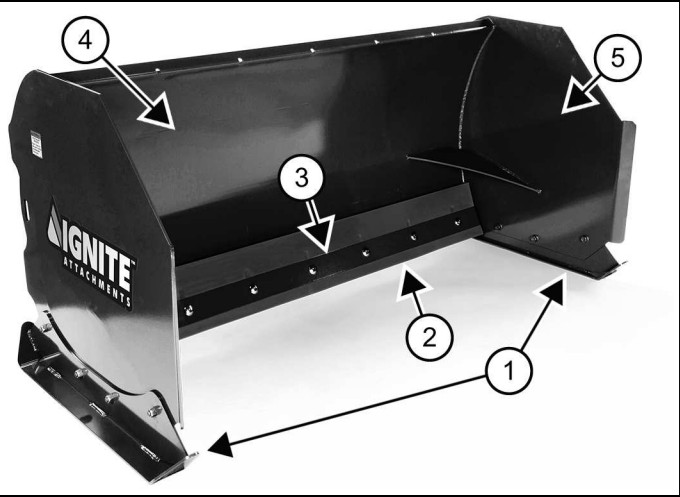
Figure 2

C223363a

Always use the serial number (Item 1) [Figure 1] (for 6, 7, and 8 Foot Models) and [Figure 2] (for 10 Foot Model) of the snow pusher when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation.

ATTACHMENT IDENTIFICATION

Figure 3



C218420b

REF.	DESCRIPTION
1	Skid Shoe (Qty. 2)
2	Rubber Cutting Edge
3	Cutting Edge Retainer
4	Moldboard
5	Sideplate

FEATURES AND ACCESSORIES

Standard Items

The snow pusher is equipped with the following standard items:

- Rubber Cutting Edge
- Cutting Edge Retainer
- Skid Shoes

SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility




Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.


DANGER

The signal word **DANGER** on machine signs and in the manuals indicates a hazardous situation which, if not avoided, will result in serious injury or death. ◀


WARNING

The signal word **WARNING** on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death. ◀


IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine. ◀

The machine and attachment must be in good operating condition before use.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine.

Use Safety Rules

- Read and follow instructions in the machine and the attachment's Operation & Maintenance Manual before operating.
- Check for underground lines before operating attachment (if applicable).
- In addition to the design and configuration of equipment, hazard control, and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.
- Check that the attachment is securely fastened to the machine.

- Make sure all the machine controls are in the neutral position before starting the machine.
- Operate the attachment only from the operator's position.
- Operate the attachment according to the Operation & Maintenance Manual.
- When learning to operate the attachment, do it at a slow rate in an area clear of bystanders.
- DO NOT permit personnel to be in the work area when operating the machine and attachment.
- The attachment must be used ONLY on approved machines. Visit igniteattachments.com for an updated list of approved attachments for each machine model.
- DO NOT modify equipment or add attachments that are not approved by the manufacturer.
- DO NOT make any adjustments or repairs on the machine or attachment while the engine is running.
- Keep shields and guards in place. Replace if damaged.

Call Before You Dig

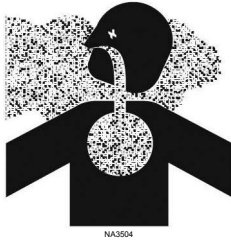


Dial 811 (USA Only)

Dial 1-888-258-0808 (USA & Canada)

When you call, you will be directed to a location in your state / province / city for information about buried lines (telephone, cable TV, water, sewer, gas, etc.).

Silica Dust Exposure



Silica dust can cause lung disease and is known to the state of California to cause cancer.

Cutting or drilling concrete containing sand or rock containing quartz may result in exposure to silica dust.

Do not exceed Permissible Exposure Limits (PEL) to silica dust as determined by OSHA or other job site Rules and Regulations. Use a respirator, water spray, or other means to control dust.

Machine Requirements And Capabilities

- Fasten seat belt securely. If equipped with a foldable Roll-Over Protective Structure (ROPS), only fasten seat belt when ROPS is up and locked. DO NOT wear seat belt if ROPS is down.
- Machine's three-point hitch must be equipped with sway bars or chains.
- Stop the machine and engage the parking brake. Install blocks in front of and behind the rear tires of the machine. Install blocks underneath and support the attachment securely before working under raised attachments.
- Keep bystanders clear of moving parts and the work area. Keep children away.
- Use increased caution on slopes and near banks and ditches to prevent overturn.
- Make certain that the Slow Moving Vehicle (SMV) emblem is installed so that it is visible and legible. When transporting the equipment, use the flashing warning lights (if equipped) and follow all local regulations.
- Operate this attachment with a machine equipped with an approved ROPS. Always wear seat belt when the ROPS is up. Serious injury or death could result from falling off the machine.
- Before leaving the operator's seat:
 - ▷ Park on flat level ground.
 - ▷ Fully lower the attachment and place it flat on the ground.
- ▷ Fully lower the three-point hitch or mid-mount attachments (if equipped).
- ▷ Engage the parking brake.
- ▷ Place all controls in neutral.
- ▷ Stop engine, unfasten seat belt and remove the key.
- Carry passengers only in designated seating areas. Never allow riders on the machine or attachment. Falling off can result in serious injury or death.
- Start the machine only when properly seated in the operator's seat. Starting a machine in gear can result in serious injury or death.
- Operate the machine and attachments from the operator's position only.
- Add the correct ballast when using front mount attachments. Contact your Ignite Attachments representative for available ballast options.
- Do not handle large objects (such as round bales or posts) unless the machine is equipped with the proper attachment and the load is secured.
- The parking brake must be engaged before leaving the operator's seat. Rollaway can occur because the transmission may not prevent machine movement. Lock the brake pedals together (if applicable) before activating the parking brake.

FIRE PREVENTION



Maintenance

The machine, some attachments, and some implements have components that are at high temperatures under normal operating conditions. The primary source of high temperatures is the engine and exhaust system. The electrical system, if damaged or incorrectly maintained, can be a source of arcs or sparks.

Flammable debris (leaves, straw, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it can cause a fire hazard. Clean often to avoid this accumulation. Flammable debris in the engine compartment is a potential fire hazard.

The operator's area, engine compartment, and engine cooling system must be inspected every day and cleaned if necessary to prevent fire hazards and overheating.

All fuels, most lubricants, and some coolant mixtures are flammable. Flammable fluids that are leaking or spilled onto hot surfaces or onto electrical components can cause a fire.

Operation

Do not use the machine where exhaust, arcs, sparks, or hot components can contact flammable material, explosive dust, or gases.

Electrical



Check all electrical wiring and connections for damage. Keep the battery terminals clean and tight. Repair or replace any damaged part or wires that are loose or frayed.

Battery gas can explode and cause serious injury. Use the procedure in the Operation & Maintenance Manual for connecting the battery and for jump starting. Do not jump start or charge a frozen or damaged battery. Keep any open flames or sparks away from batteries. Do not smoke in battery charging area.

Hydraulic System

Check hydraulic tubes, hoses and fittings for damage and leakage. Never use open flame or bare skin to check for

leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.

Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.

Fueling



Stop the engine and let it cool before adding fuel. No smoking! Do not refuel a machine near open flames or sparks. Fill the fuel tank outdoors.

Ultra Low Sulfur Diesel (ULSD) poses a greater static ignition hazard than earlier diesel formulations with higher sulfur content. Avoid death or serious injury from fire or explosion. Consult with your fuel or fuel system supplier to ensure the delivery system is in compliance with fueling standards for proper grounding and bonding practices.

Starting

Do not use ether or starting fluids on any engine that has glow plugs or an air intake heater. These starting aids can cause explosion and injure you or bystanders.

Use the procedure in the Operation & Maintenance Manual for connecting the battery and for jump starting.

Spark Arrester Exhaust System

The spark arrester exhaust system is designed to control the emission of hot particles from the engine and exhaust system, but the muffler and the exhaust gases are still hot.

Check the spark arrester exhaust system regularly to make sure it is maintained and working properly. Use the procedure in the Operation & Maintenance Manual for cleaning the spark arrester muffler (if equipped).

Welding And Grinding

Always clean the machine and attachment, disconnect the battery, and disconnect the wiring from the Ignite Attachments controllers before welding. Cover rubber hoses, battery, and all other flammable parts. Keep a fire extinguisher near the machine when welding.

Have good ventilation when grinding or welding painted parts. Wear a dust mask when grinding painted parts. Toxic dust or gas can be produced.

Dust generated from repairing nonmetallic parts such as hoods, fenders, or covers can be flammable or explosive. Repair such components in a well-ventilated area away from open flames or sparks.

Fire Extinguishers



Know where fire extinguishers and first aid kits are located and how to use them. Inspect the fire extinguisher and service the fire extinguisher regularly. Obey the recommendations on the instructions plate.

PUBLICATIONS AND TRAINING RESOURCES

The following publications are also available for your Ignite Attachments product. Access them online at igniteattachments.com.



Operation & Maintenance Manual

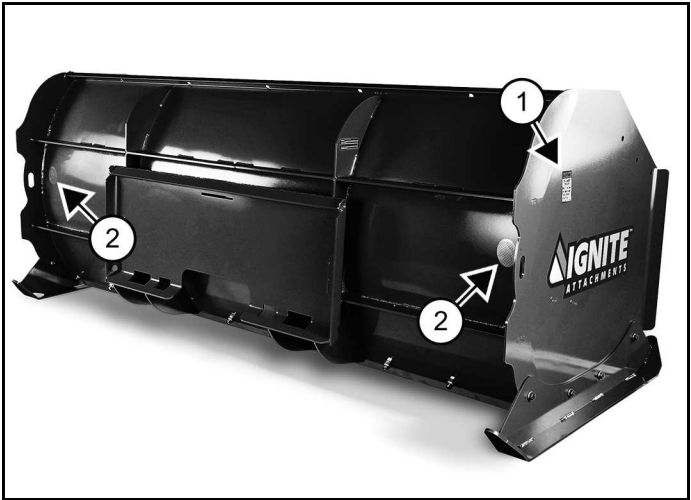
Complete instructions on the correct operation and the routine maintenance of your attachment.
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For the latest information on Ignite Attachments products and the Ignite Attachments Company, visit our website at www.igniteattachments.com.


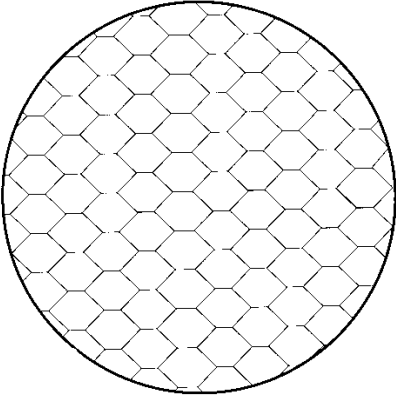
ATTACHMENT SIGNS (DECALS)

6, 7, and 8 Foot Snow Pusher Models

Figure 4

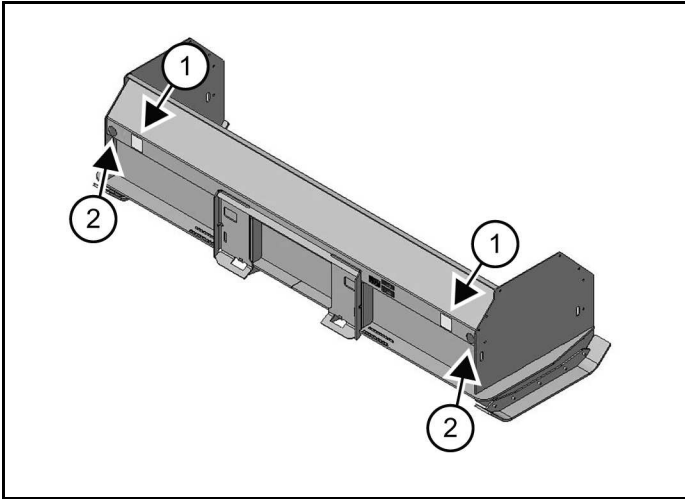


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REF.	DECAL
1	<div>Warning</div> <div>Located on the side (both sides)</div> <div>65838620IG</div> <div></div>
2	<div>Reflector</div> <div>Located on the back (both sides)</div> <div>71066270IG</div> <div></div> <div>7106627</div>

10 Foot Snow Pusher Model

Figure 5



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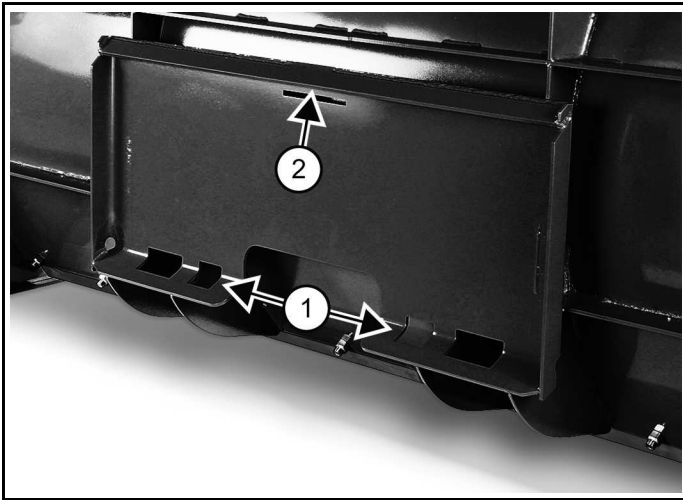
REF.	DECAL
1	<p>Warning</p> <p>Located on the back (both sides)</p> <p>65838620IG</p>
2	<p>Reflector</p> <p>Located on the back (both sides)</p> <p>71066270IG</p>

7106627

DAILY INSPECTION

Attachment Mounting Frame

Figure 6

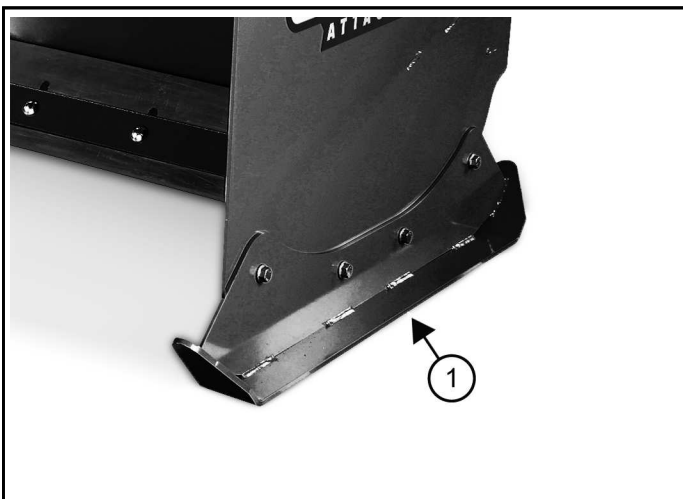


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Inspect the attachment mounting frame wedge mounts (Item 1), mounting flange (Item 2) [Figure 6], and all welds on the snow pusher for wear and damage each time the snow pusher is removed from the machine.

Inspecting The Skid Shoe

Figure 7

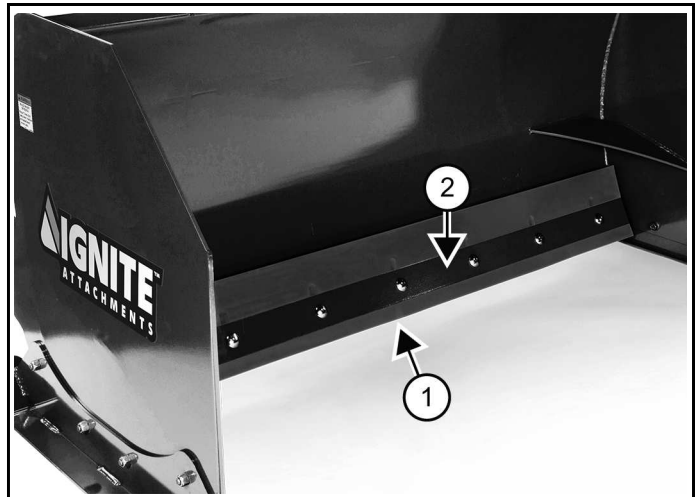


C218423a

Inspect the skid shoes (Item 1) [Figure 7], bolts, and all welds on the snow pusher skid shoes for wear and damage each time the snow pusher is removed from the machine.

Inspecting The Rubber Cutting Edge

Figure 8



C218424a

Inspect the rubber cutting edge (Item 1), retainer plate (Item 2) [Figure 8], and all bolts on the snow pusher for wear and damage each time the snow pusher is removed from the machine.

Inspecting The Machine Quick Coupler

⚠ WARNING

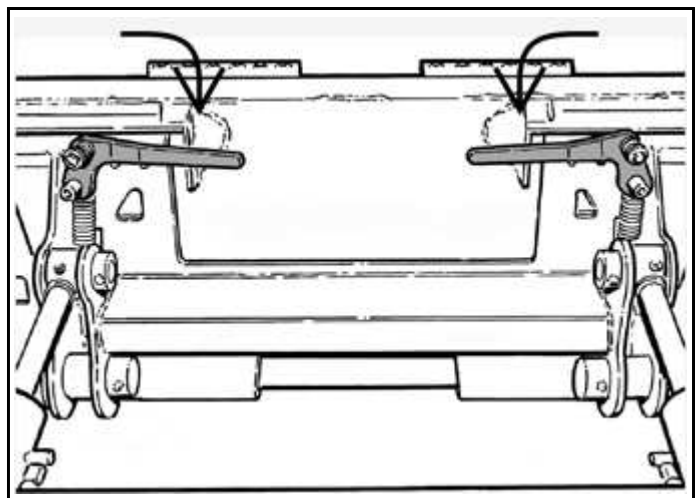
CRUSHING HAZARD

Failure to secure attachment coupler wedges can allow attachment to come off and cause serious injury or death.

Both wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked.

W-2715-EF

Figure 9

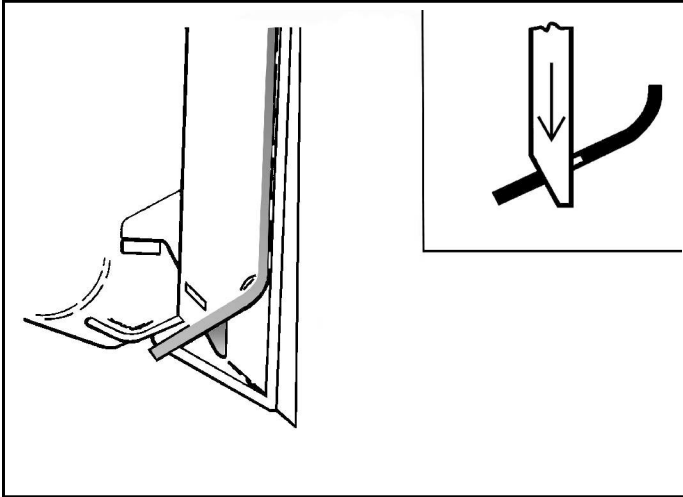


NA3448a

- Lower down the quick coupler levers until they are fully engaged in the locked position [Figure 9] (wedges fully extended through the attachment mounting frame holes).

The levers and wedges must move freely [Figure 9].

Figure 10

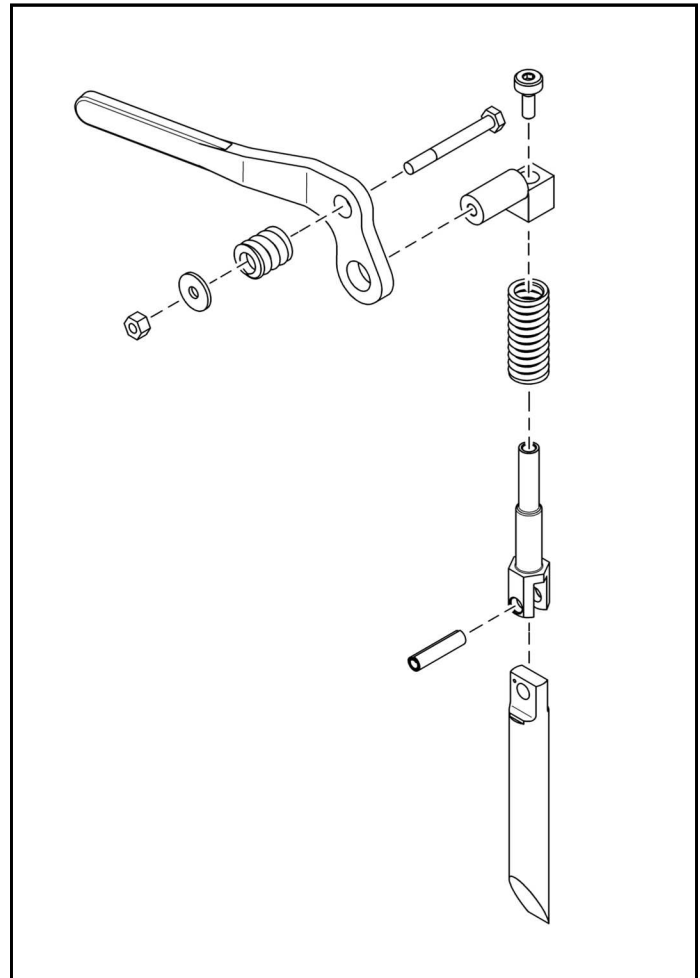


NA3450A

The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the machine quick coupler [Figure 10].

If the wedge does not contact the lower edge of the hole, the attachment will be loose and can come off the quick coupler.

Figure 11



NA13085S

- Inspect the attachment mounting frame. (See Attachment Mounting Frame on Page 11)
- Replace any parts that are damaged, bent, or missing [Figure 11].
- Keep all fasteners tight.
- Look for cracked welds.
- Contact your Ignite Attachments representative for replacement parts.
- Lubricate the wedges. (See the machine's Operation & Maintenance Manual for the correct procedure.)

OPERATING PROCEDURE

Approved Models And Requirements

	6 Foot Snow Pusher	7 Foot Snow Pusher	8 Foot Snow Pusher	10 Foot Snow Pusher
Loader HP	30 – 60	35 – 80	40 – 80	50 – 95
Tractor HP	30 – 75	45 – 90	55 – 100	60 – 100

The chart shows the approved snow pusher models for machines based on horsepower.

Warranty on this attachment is void if used on a non-approved carrier. Contact your Ignite Attachments representative for a current list of approved carriers.

⚠ WARNING

MODIFICATION AND INSUFFICIENT INSTRUCTIONS HAZARD

Use of unapproved attachments, implements or improperly sized attachments can cause serious injury or death.

Attachments, implements and buckets for safe loads of specified densities are approved for each model. Never use attachments, implements, or buckets which are not approved by Ignite Attachments. ◀

WI-2709

Machine / Attachment Setup

Setting Up The Ballast

Install the correct ballast on the machine before installing the attachment. See the machine's Operation & Maintenance Manual for ballast information. See specifications for the weight of the attachment. (See Performance Specifications on Page 27)

Entering And Exiting The Machine

⚠ WARNING

GENERAL HAZARD

Failure to obey warnings can cause serious injury or death.

Obey all warnings on the machine and in the manuals. ◀

WI-2744

Figure 12



C216077a

Use the attachment / implement steps (if equipped), grab handles, and safety treads (on the machine and frame) to get in and out of the machine, maintaining a three-point contact at all times [Figure 12]. Do not jump.

See the machine's Operation & Maintenance Manual for detailed instructions on entering and exiting the machine.

Installing The Attachment

Installing With Non-powered Machine Quick Coupler

The illustrations and instructions provided explain how to install a bucket attachment onto a machine. Follow these same instructions if you are installing different attachments such as a grapple, snow pusher, sweeper, etc.

The attachment mounting frame for the attachment has a top flange that is designed to receive the top edge of the machine quick coupler and the lower part of the frame is designed to receive the quick coupler wedges.

⚠ WARNING

GENERAL HAZARD

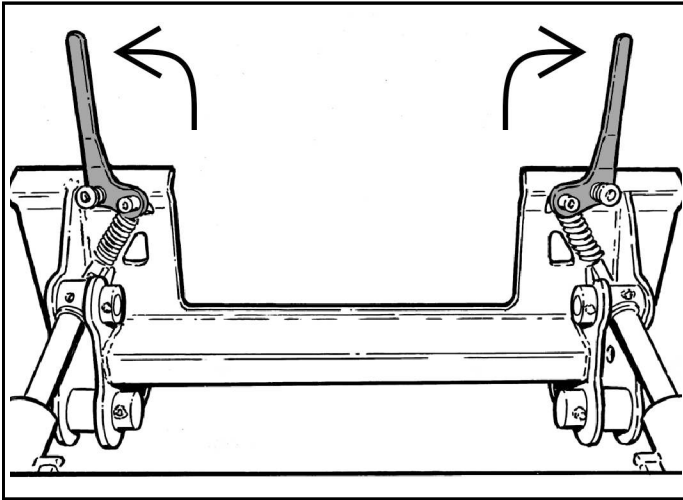
Failure to obey warnings can cause serious injury or death.

Obey all warnings on the machine and in the manuals. ◀

WI-2744

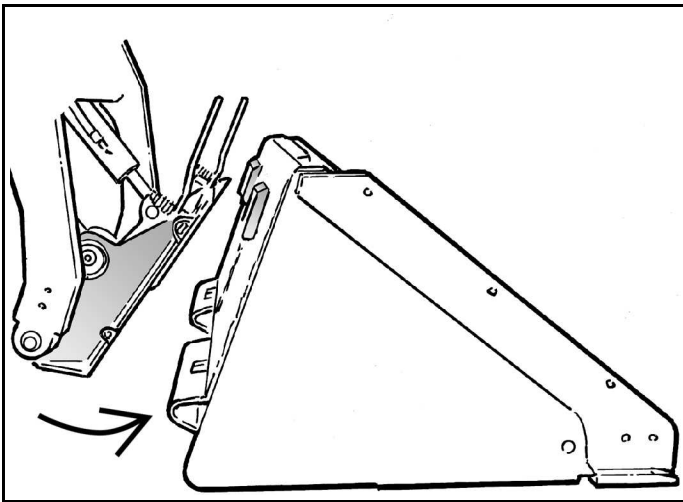
Always inspect the machine's quick coupler and the attachment mounting frame before installation. (See the machine's Operation & Maintenance Manual.) (See Daily Inspection on Page 11)

Figure 13



1. Pull the quick coupler levers up until they are fully raised (wedges fully raised) [Figure 13].
2. Enter the machine.
3. Turn the machine on.
4. Release the parking brake.
5. Lower the lift arms and tilt the machine quick coupler forward.

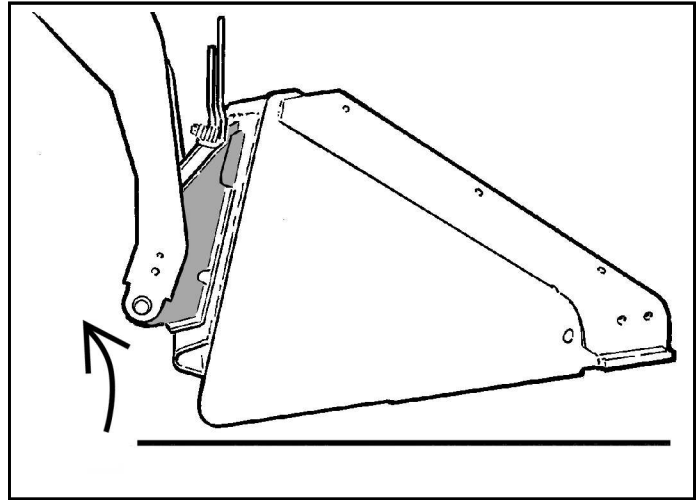
Figure 14



6. Drive the machine slowly forward until the top edge of the quick coupler is completely under the top flange of the attachment [Figure 14].

NOTE: Be sure the quick coupler levers do not hit the attachment.

Figure 15



7. Tilt the quick coupler backward until the attachment is slightly off the ground [Figure 15].

This will cause the attachment mounting frame to fit up against the front of the quick coupler.

NOTE: When leaving the operator's seat to install an attachment, tilt the attachment until it is slightly off the ground.

8. Turn the machine off and exit the machine.

⚠ WARNING

GENERAL HAZARD

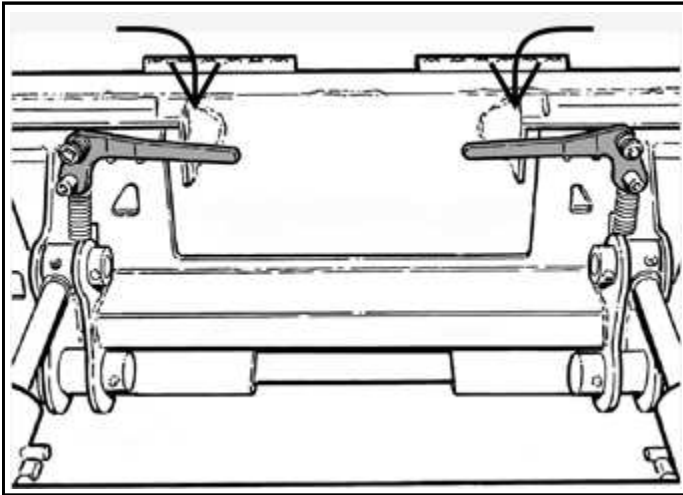
Failure to follow instructions can cause serious injury or death.

Before you leave the operator's seat:

- Lower the lift arms and put the attachment flat on the ground.
- Engage the parking brake.
- Move all controls to the **NEUTRAL / LOCKED** position to make sure the lift, tilt, and drive functions are deactivated.
- Stop the engine.*

W-3156

Figure 16



9. Push down on the quick coupler levers until they are fully engaged in the locked position [Figure 16] (wedges are fully extended through the attachment mounting frame holes).

If both levers do not engage in the locked position, see your machine dealer or representative for maintenance.

⚠ WARNING

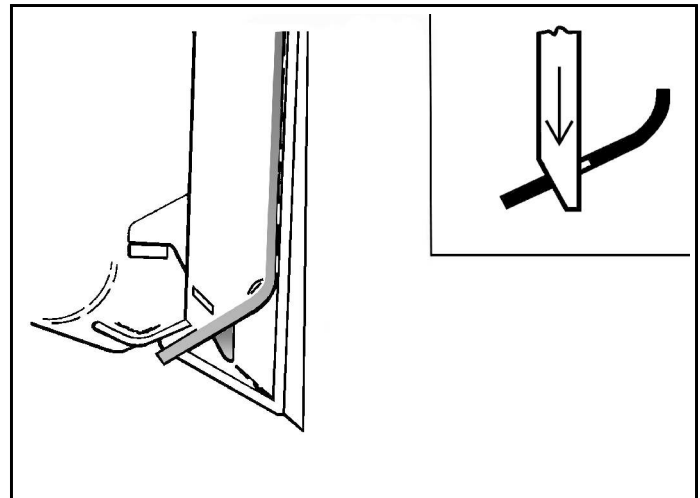
CRUSHING HAZARD

Failure to secure attachment coupler wedges can allow attachment to come off and cause serious injury or death.

Both wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked. ◀

W-2715-EF

Figure 17



The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the quick coupler [Figure 17].

Installing With Powered Machine Quick Coupler

⚠ WARNING

GENERAL HAZARD

Failure to obey warnings can cause serious injury or death.

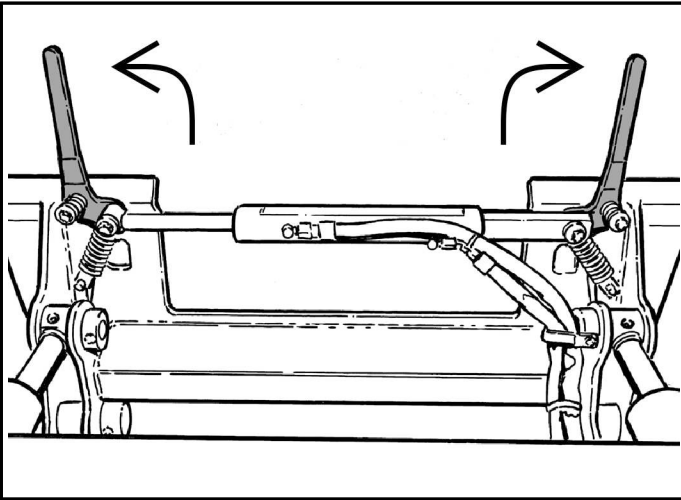
Obey all warnings on the machine and in the manuals. ◀

W-2744

Some machines may be equipped with a powered machine quick coupler. For specific control location and operation of the machine's powered quick coupler, see the machine's Operation & Maintenance Manual.

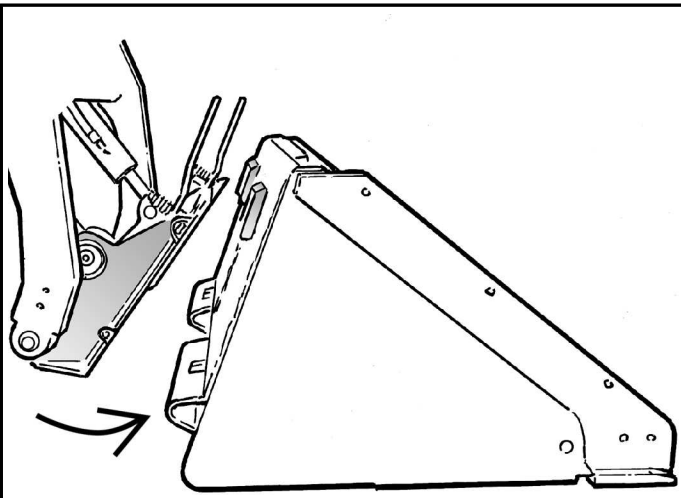
1. Enter the machine.
2. Turn the machine on.
3. Release the parking brake.

Figure 18



4. Operate the powered quick coupler until the levers are fully raised (wedges fully raised) [Figure 18].
5. Lower the lift arms and tilt the machine quick coupler slightly forward.

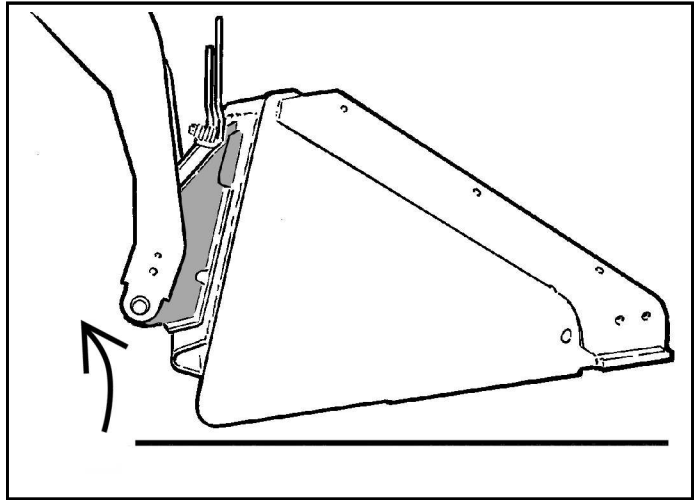
Figure 19



6. Drive the machine slowly forward until the top edge of the quick coupler is completely under the top flange of the attachment mounting frame [Figure 19].

NOTE: Be sure the quick coupler levers do not hit the attachment.

Figure 20



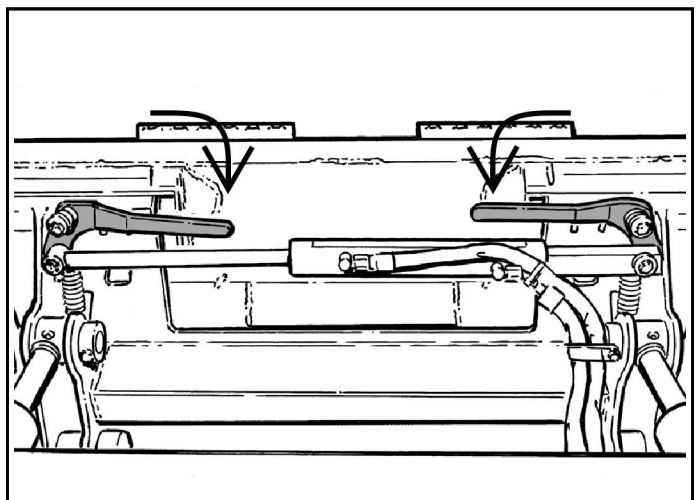
7. Tilt the quick coupler backward until the attachment is slightly off the ground [Figure 20].

This will cause the attachment mounting frame to fit up against the front of the quick coupler.

Some powered quick coupler system have continuous pressurized hydraulic oil to keep the wedges in the engaged position and prevent attachment disengagement. Because the wedges can slowly lower, the operator may need to reactivate the powered quick coupler to be sure both wedges are fully raised before installing the attachment.

8. Operate the powered quick coupler until the levers are fully raised (wedges fully raised).

Figure 21



9. Operate the powered quick coupler until the levers are fully engaged in the locked position [Figure 21] (wedges fully extended through the attachment mounting frame holes).

If both levers do not engage in the locked position, see your machine dealer or representative for maintenance.

⚠ WARNING

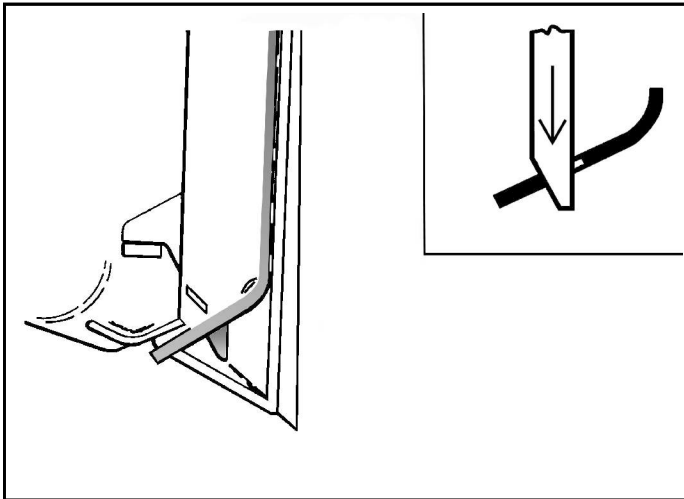
CRUSHING HAZARD

Failure to secure attachment coupler wedges can allow attachment to come off and cause serious injury or death.

Both wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked. ◀

W-2715 EP

Figure 22



NA3450A

10. The wedges must extend through the holes [Figure 22] in the attachment mounting frame, securely fastening the attachment to the quick coupler.
11. Lower the lift arms and put the attachment flat on the ground.
12. Turn the machine off and exit the machine.

⚠ WARNING

GENERAL HAZARD

Failure to follow instructions can cause serious injury or death.

Before you leave the operator's seat:

- Lower the lift arms and put the attachment flat on the ground.
- Engage the parking brake.
- Move all controls to the NEUTRAL / LOCKED position to make sure the lift, tilt, and drive functions are deactivated.
- Stop the engine. ◀

W-3158

Operating The Snow Pusher

1. Enter the machine. See the machine's Operation & Maintenance Manual for detailed instructions.
2. Fasten the seat belt and lower the seat bar (if equipped).

⚠ WARNING

GENERAL HAZARD

Failure to follow instructions can cause serious injury or death.

Bystanders must keep at least 3 m (10 ft) away from the machine and attachment when operating. Never leave the operating position when the engine is running. ◀

W-2320

3. Start the engine.
4. Release the parking break.
5. Drive forward pushing snow to desired location.

Adjust speed according to the depth and weight of the snow being moved.

Removing The Attachment

Removing With Non-powered Machine Quick Coupler

1. Lower the lift arms and put the attachment flat on the ground.

NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the machine.

2. Turn the machine off and release auxiliary hydraulic pressure (if applicable). (See the machine's Operation & Maintenance Manual for correct procedure.)

⚠ WARNING

GENERAL HAZARD

Failure to follow instructions can cause serious injury or death.

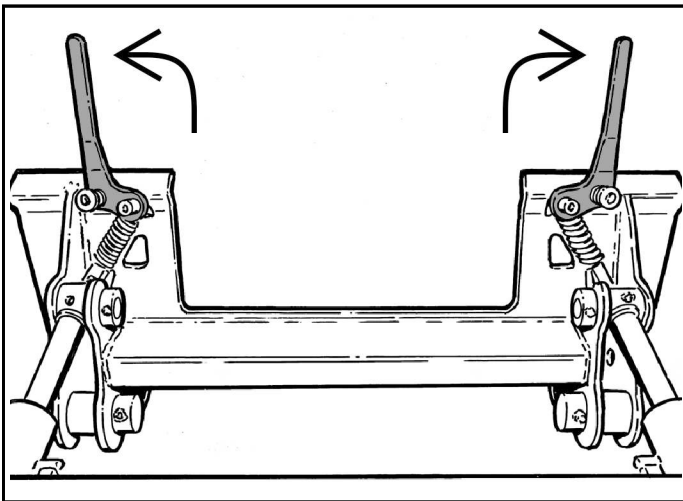
Before you leave the operator's seat:

- Lower the lift arms and put the attachment flat on the ground.
- Engage the parking brake.
- Move all controls to the **NEUTRAL / LOCKED** position to make sure the lift, tilt, and drive functions are deactivated.
- Stop the engine. ◀

W-3198

3. Exit the machine.

Figure 23



NA3445A

4. Pull the machine quick coupler levers up [Figure 23] until they are fully raised (wedges fully up).

⚠ WARNING

PINCHING HAZARD

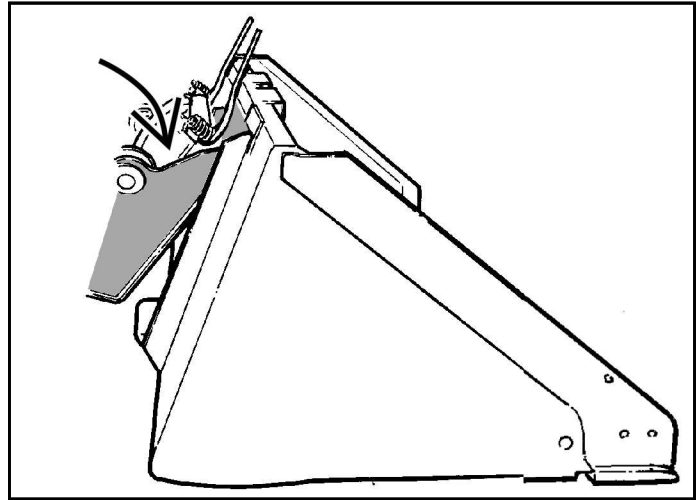
Failure to follow instructions can cause serious injury.

Keep fingers and hands out of pinch points when latching and unlatching the attachment quick coupler. ◀

W-2541

5. Enter the machine.
6. Turn the machine on.
7. Release the parking brake.

Figure 24



NA3447D

8. Tilt the quick coupler forward and drive the machine backward, away from the attachment [Figure 24].

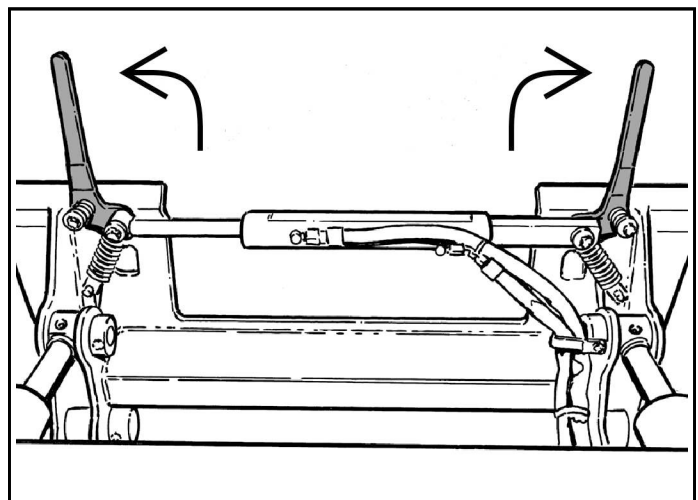
Removing With Powered Machine Quick Coupler

For specific control location and operation of the machine's powered quick coupler, see the machine's Operation & Maintenance Manual.

1. Lower the lift arms and put the attachment flat on the ground. Lower or close the hydraulic equipment (if equipped).

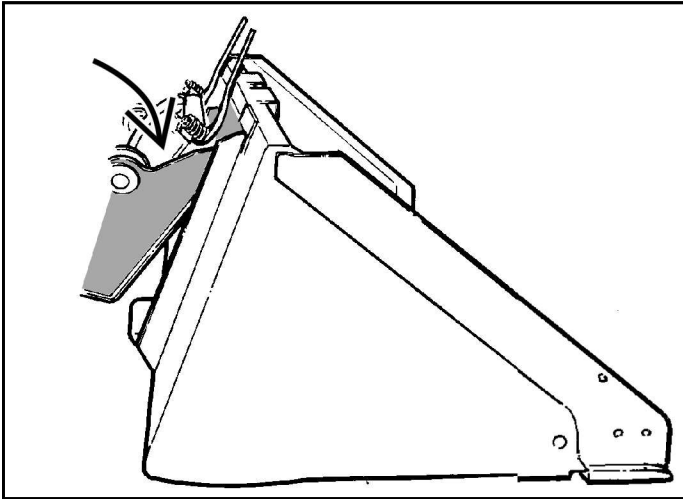
NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the machine.

Figure 25



NA3453A

2. Operate the powered quick coupler until the levers are fully raised (wedges fully raised) [Figure 25].

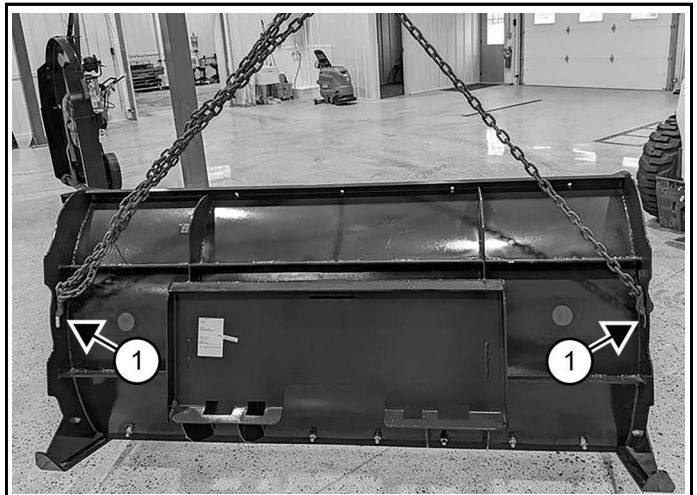
Figure 26

3. Tilt the quick coupler forward and drive the machine backward, away from the attachment [Figure 26].

Some powered quick couplers have continuous pressurized hydraulic oil to keep the wedges in the engaged position and prevent attachment disengagement. Because the wedges can slowly lower, the operator may need to reactivate the powered quick coupler when removing an attachment to be sure both wedges are fully raised.

LIFTING THE ATTACHMENT

NOTE: Use chains that are in good condition and of adequate size to lift the attachment.

Figure 27

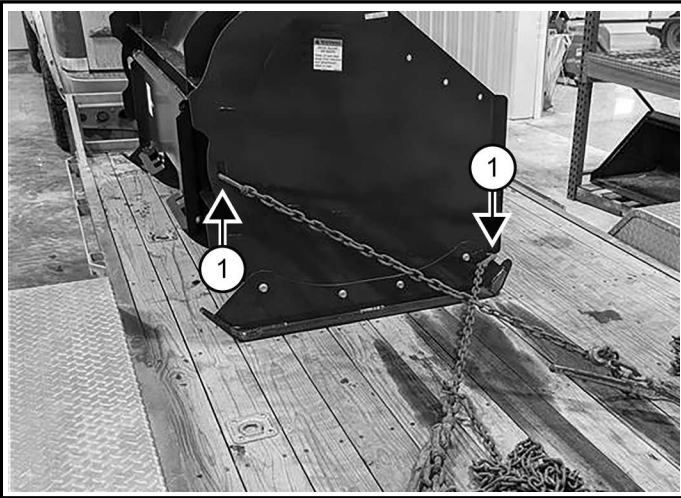
Fasten the chains to the snow pusher sideplates (Item 1) [Figure 27].

TRANSPORTING THE ATTACHMENT ON A TRAILER

Fastening The Attachment On A Trailer

NOTE: Use chains that are in good condition and of adequate size to secure the attachment.

Figure 28



- Fasten the chains to the snow pusher (Item 1) [Figure 28] and fasten each end of the chain to the transport vehicle.
- Use chain binders to prevent the snow pusher from moving during transport.

TRANSPORTING THE ATTACHMENT AND MACHINE ON A TRAILER

⚠ WARNING

INSTABILITY HAZARD

Wood ramps can break and cause personal injury. Use adequately designed ramps of sufficient strength to support the weight of the machine loading onto a transport vehicle.

W-2058

Be sure the transport and towing vehicles are of adequate size and capacity for weight of machine and attachment combination. (See machine and attachment Operation & Maintenance Manuals for specifications.)

Loading

- The rear of the trailer must be blocked or supported when loading and unloading to prevent the front of the trailer from raising.
 - Load the heaviest end of the machine and attachment combination first.
 - Lower the attachment to the floor.
 - Turn the machine off.
 - Engage the parking brake (if equipped).
 - Exit the machine. (See the machine's Operation & Maintenance Manual for the correct procedure.)

Fastening

- Install the chains at the front and rear tie-down positions on the machine. (See the machine's Operation & Maintenance Manual to properly chain the machine to the transport vehicle.)
 - Install chains on the attachment (if required).
 - Fasten each end of the chain to the transport vehicle.

NOTE: Use chain binders to prevent the attachment and machine from moving during transport.



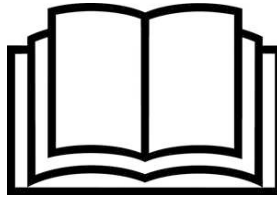
MAINTENANCE SAFETY WARNINGS



- Never service the Ignite Attachments attachment or implement without instructions. Read and understand the Operation & Maintenance Manual and safety signs (decals) on machine.
- Follow warnings and instructions in manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.



This Safety Alert Symbol means: “Attention! Be Alert! Your Safety is Involved!” Carefully read the message that follows.



- Never service attachments or implements without instructions. See Operation & Maintenance Manual and Attachment or Implement Service Manual.
- Cleaning and maintenance are required daily.
- Never service or adjust attachment or implement with the engine running unless instructed to do so in manual.
- Always lower the attachment or implement to the ground before lubricating or servicing.
- Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate skin or eyes.
- Stop, cool, and clean engine of flammable materials before checking fluids.
- Keep body, loose objects, and clothing away from moving parts, electrical contacts, hot parts, and exhaust.
- Safety glasses are needed for eye protection from electrical arcs, battery acid, compressed springs, fluids under pressure, and flying debris or when tools are used. Use eye protection approved for type of welding.

Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are not in the Operation & Maintenance Manual must be performed **ONLY BY QUALIFIED SERVICE PERSONNEL**. Always use genuine Ignite Attachments replacement parts.

TROUBLESHOOTING

Troubleshooting Chart

PROBLEM	CAUSE	CORRECTION
Snow pusher does not seat properly on the machine quick coupler.	Quick coupler wedges not fully retracted before installation	Retract quick coupler wedges before installation
	Mud, ice or stones are lodged between the quick coupler and the snow pusher	Remove debris between quick coupler and snow pusher
Snow pusher leaving snow behind	Rubber cutting edge worn or damaged	Adjust rubber cutting edge Reverse or replace rubber cutting edge
	Snow pusher tilted to far forward	Adjust angle of snow pusher using tilt function of the machine

REMOVING AND INSTALLING THE SKID SHOE

⚠ WARNING

IMPACT AND INJECTION HAZARDS

Flying debris or pressurized fluids can cause serious injury or death.

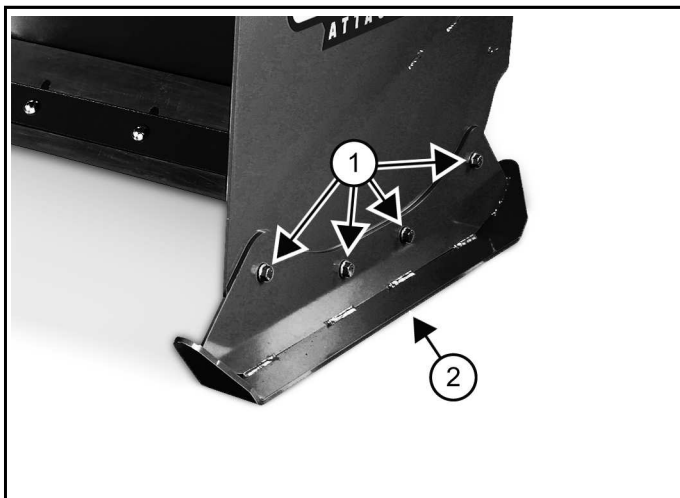
Wear safety glasses to prevent eye injury when any of the following conditions exist:

- When fluids are under pressure.
- Flying debris or loose material.
- Engine is running.
- Tools are being used.

W-2019

1. Raise the snow pusher, then place blocking on both sides of the snow pusher frame.

Figure 29



2. Remove the lock nuts (Item 1) and bolts, then remove the skid shoe (Item 2) [Figure 29].
3. Install new skid shoe and tighten lock nuts to 76 ft-lb torque.

REMOVING AND INSTALLING THE RUBBER CUTTING EDGE

⚠ WARNING

IMPACT AND INJECTION HAZARDS

Flying debris or pressurized fluids can cause serious injury or death.

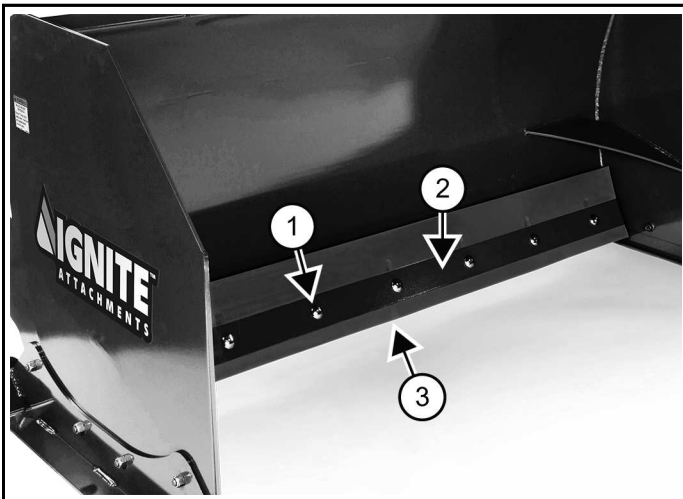
Wear safety glasses to prevent eye injury when any of the following conditions exist:

- When fluids are under pressure.
- Flying debris or loose material.
- Engine is running.
- Tools are being used.

W-2019

1. Raise the snow pusher, then place blocking on both sides of the snow pusher frame.

Figure 30



C218424b

2. Remove the bolts and nuts (Item 1) [Figure 30].
3. Remove the cutting edge retainer (Item 2) and rubber cutting edge (Item 3) [Figure 30].
4. Install new rubber cutting edge, cutting edge retainer, and tighten bolts to 65 - 75 ft-lb torque.

REVERSING THE RUBBER CUTTING EDGE

1. Raise the snow pusher, then place blocking on both sides of the snow pusher frame.
2. Remove the bolts and nuts (Item 1) [Figure 30].
3. Remove the cutting edge retainer (Item 2) and rubber cutting edge (Item 3) [Figure 30].
4. Rotate the rubber cutting edge 180° or until the worn side is facing up.
5. Install the rubber cutting edge and cutting edge retainer.
6. Install and tighten bolts and nuts to 65 - 75 ft-lb torque.

STORAGE AND RETURN TO SERVICE

Attachment Storage

Sometimes it may be necessary to store your Ignite Attachments attachment for an extended period of time. Below is a list of items to perform before storage.

- Thoroughly clean the attachment.
- Lubricate the attachment.
- Inspect the attachment mounting frame upper flange, lower mounts, and all welds on the attachment for wear and damage.
- Check for loose hardware, missing guards, or damaged parts.
- Replace worn or damaged parts.
- Check for damaged or missing decals. Replace if necessary.
- Place the attachment in a dry protected shelter.
- Place the attachment flat on the ground.

NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the machine.

Return To Service

After the Ignite Attachments attachment has been in storage, it is necessary to follow a list of items to return the attachment to service.

- Be sure all shields and guards are in place.
- Lubricate the attachment.
- Install and operate attachment, check for correct function.
- Check for leaks. Repair as needed.

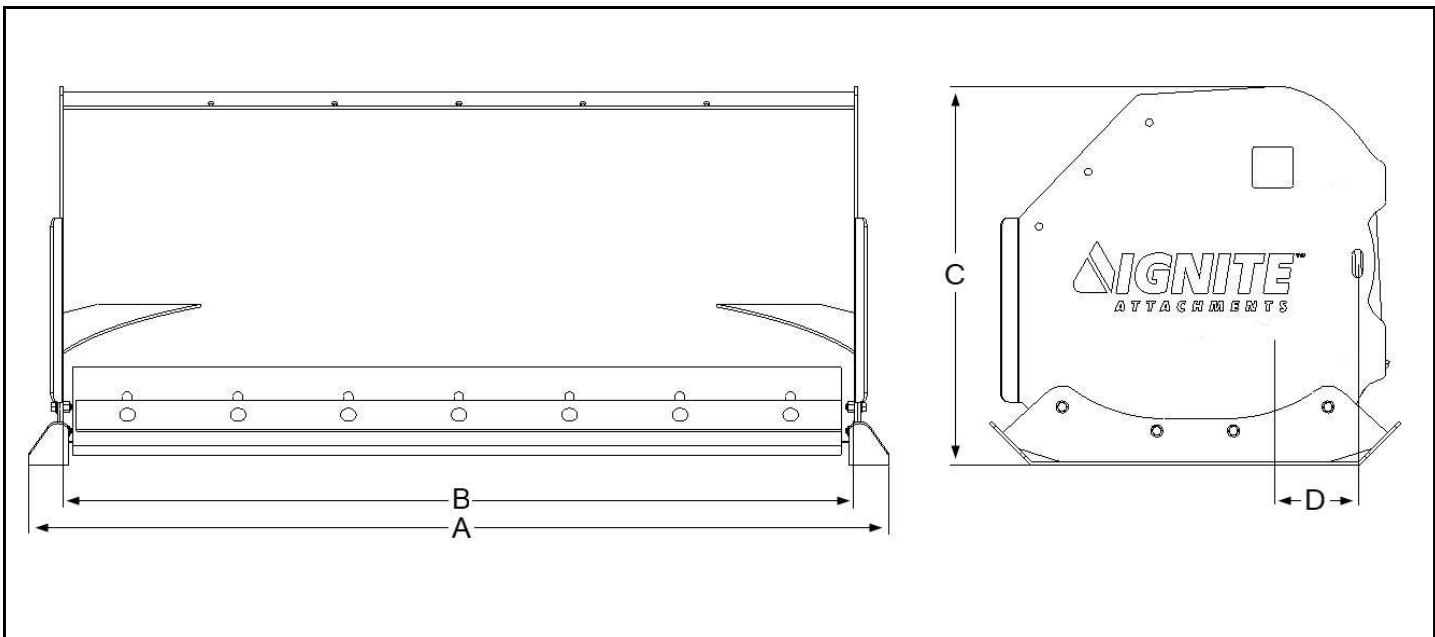
ATTACHMENT SPECIFICATIONS

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Ignite Attachments equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.

SNOW PUSHER DIMENSIONS

- All dimension are shown in millimeters. Respective standard dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to SAE and ISO standards and are subject to change without notice.

Figure 31



P218398a

DESCRIPTION	6 FOOT SNOW PUSHER	7 FOOT SNOW PUSHER	8 FOOT SNOW PUSHER	10 FOOT SNOW PUSHER
Overall Width (A)	1905 mm (75 in)	2159 mm (85 in)	2464 mm (97 in)	3200 mm (126 in)
Working Width (B)	1753 mm (69 in)	2007 (79 in)	2311 mm (91 in)	2972 mm (117 in)
Moldboard Height (C)	787 mm (31 in)	940 mm (37 in)	940 mm (37 in)	864 mm (34 in)
Center Of Mass From Interface (D)	181 mm (7.1 in)	255 mm (10.0 in)	287 mm (11.3 in)	217 mm (8.6 in)

PERFORMANCE SPECIFICATIONS

DESCRIPTION	6 FOOT SNOW PUSHER	7 FOOT SNOW PUSHER	8 FOOT SNOW PUSHER	10 FOOT SNOW PUSHER
Operating Weight	448 lb	568 lb	605 lb	881 lb
Loader Horsepower	30 HP to 60 HP	35 HP to 80 HP	40 HP to 80 HP	50 HP to 95 HP
Tractor Horsepower	30 HP to 75 HP	45 HP to 90 HP	55 HP to 100 HP	60 HP to 100 HP
Interface Type	Universal Quick Coupler Plate			
Wear Edge	38,1 mm (1.5 in) x 203,2 mm (8 in) Rubber Replaceable			
Skid Shoes	Replaceable			

ATTACHMENT / IMPLEMENT WARRANTY

A statement explaining the terms and conditions of the warranty coverage that applies to your attachment / implement is available by visiting igniteattachments.com.

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Reference Information

Product Serial Number:

Engine Serial Number:

Dealer Information:



WARNING Cancer and Reproductive Harm. This product can expose you to chemicals including lead and lead compounds, mineral oils, and phthalates which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.