



EN

Operation & Maintenance Manual

Three-Point Box Blade



Blade Box 48 S/N: B63Y00101 & Above
Blade Box 60 S/N: B63Z00101 & Above
Blade Box 72 S/N: B64100101 & Above



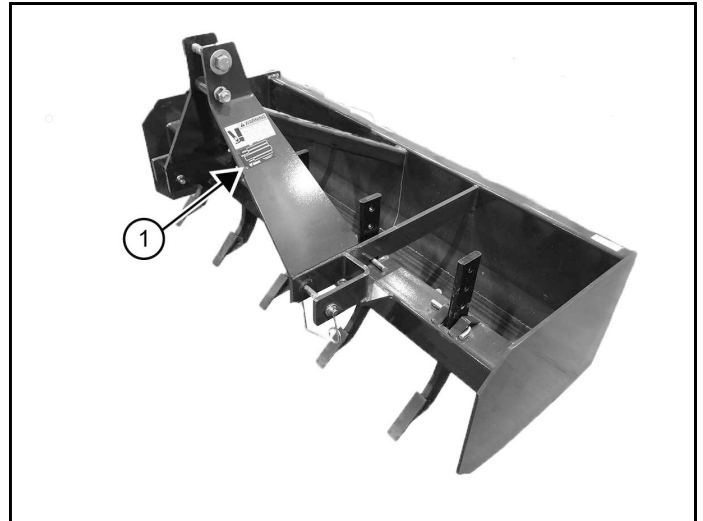


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MANUFACTURER**North America**

Ignite Attachments
2741 20th Avenue South
Moorhead, MN 56560

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

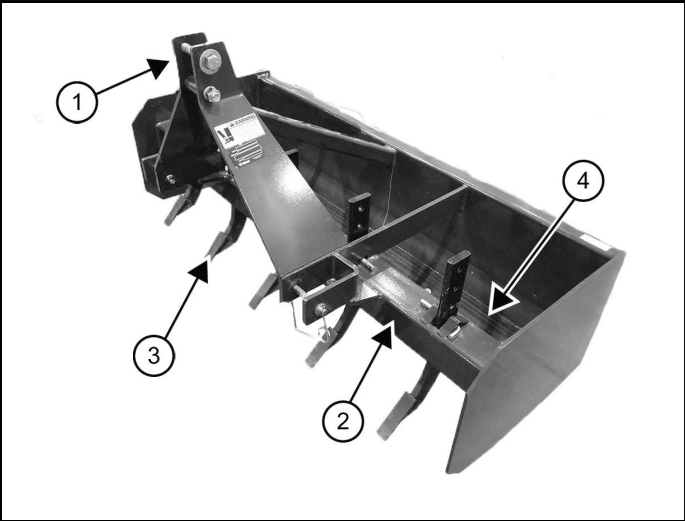
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Always use the serial number of the three-point box blade when requesting service information or when ordering parts. Earlier or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 1].

IMPLEMENT IDENTIFICATION

Rear O Implement

Figure 2

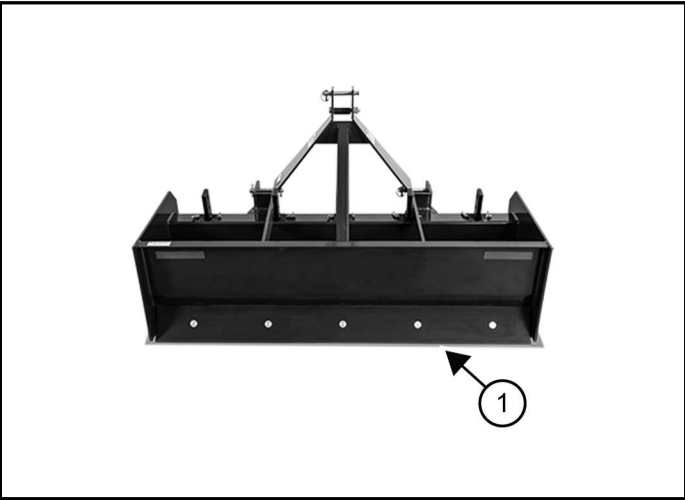


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REF.	Description
1	Three-Point Hitch (Category 1)
2	Mainframe
3	Scarifier
4	Scraper Blade

Front Of Implement

Figure 3



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STANDARD ITEMS

The three-point box blade is equipped with the following standard items:

- Category I hitch
- Two reversible / interchangeable blades
- Adjustable / replaceable scarifier shanks.

SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility (Implement)



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. ◀

D-1002

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. ◀

W-0344

IMPORTANT

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

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

Check all of the items on the Service Schedule decal (if equipped) in the Every 10 Hours section or as shown in the Operation & Maintenance Manual.

Use Safety Rules

- Read and follow instructions in the machine and the implement's Operation & Maintenance Manual before operating.
- Check for underground lines before operating implement (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 implement is securely fastened to the machine.
- Make sure all the machine controls are in the neutral position before starting the machine.

- Operate the implement only from the operator's position.
- Operate the implement according to the Operation & Maintenance Manual.
- When learning to operate the implement, 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 implement.
- The implement must be used ONLY on approved machines. Visit [\[Missing external cross reference text\]](#) for an updated list of approved implements for each machine model.
- DO NOT modify equipment or add implements that are not approved by the manufacturer.
- DO NOT make any adjustments or repairs on the machine or implement while the engine is running.
- Keep shields and guards in place. Replace if damaged.

Call Before You Dig



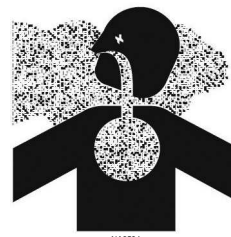
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Dial 811 (USA Only)

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



NA3504

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.

FIRE PREVENTION



Maintenance

The machine and some attachments 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 coolants 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 implement, 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 machine. Access them online at igniteattachments.com.



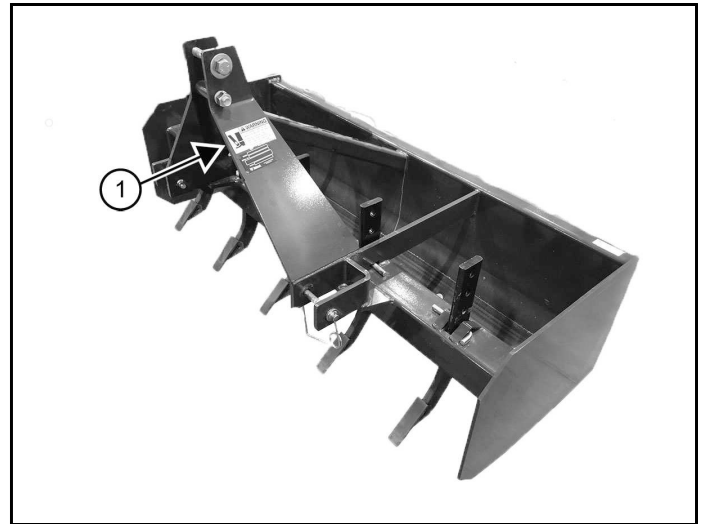
Operation & Maintenance Manual

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 igniteattachments.com

IMPLEMENT SIGNS (DECALS)

Figure 4



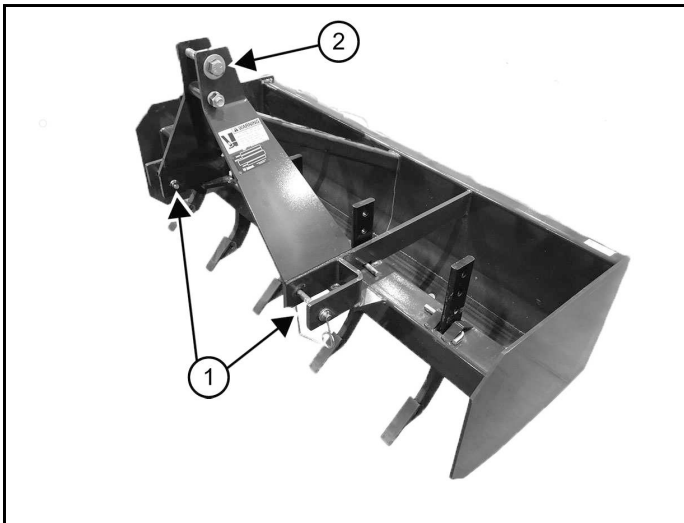
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REF.	DECAL
1	<p>Crush Warning</p> <p>Located near 3 point hitch, both sides</p> <p>71892000IG</p>

DAILY INSPECTION

Implement Mounting Frame

Figure 5



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Inspect the lower implement mounts (Item 1) and upper mount (Item 2) [Figure 5] and all welds for wear and damage each time the implement is removed from the machine.

Check the following items at the start of a work day:

- Check for damaged or missing decals. Replace if necessary.
- Replace any worn or damaged parts immediately.

Three-Point Hitch

WARNING

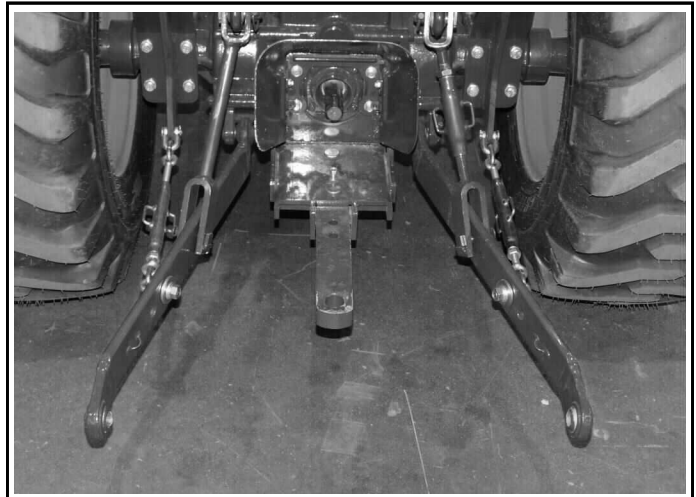
UNINTENDED MOVEMENT HAZARD

Failure to follow instructions can cause serious injury or death.

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 equipped) before activating the parking brake. ◀

W-2656

Figure 6



c138256

- Inspect the three-point hitch linkage, PTO shaft splines, guards, and shields. Replace if damaged or missing [Figure 6].

Repair broken or loose parts.

See your machine Operation & Maintenance Manual for detailed information on inspecting three-point hitch.

OPERATING PROCEDURE WITH COMPACT TRACTORS

Approved Compact Tractor Models And Requirements

	Box Blade 48	Box Blade 60	Box Blade 72
Tractor HP	18–30	26–65	35–65

The chart shows the approved box blade models for compact tractors based on horsepower.

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

Setting Up The Ballast

Install the correct ballast on the compact tractor before installing the three-point box blade. See the compact tractor Operation & Maintenance Manual for ballast information.

Entering And Exiting The Compact Tractor

⚠ WARNING

INSTABILITY HAZARD

Failure to obey warnings can cause the machine to rollover.

- Use Roll-Over Protective Structure (ROPS) and fasten the seat belt.
- Install the correct rear ballast.
- Do NOT exceed the Loader lift capacity.
- Check tire condition and proper air pressure.
- Use tires with the correct load rating. ◀

WI-3043

See your compact tractor Operation & Maintenance Manual for detailed instructions on entering and exiting the machine.

Installing The Three-Point Implement

Always inspect the compact tractor three-point hitch and implement three-point mounting before installation. (See Daily Inspection on Page 10) .

⚠ WARNING

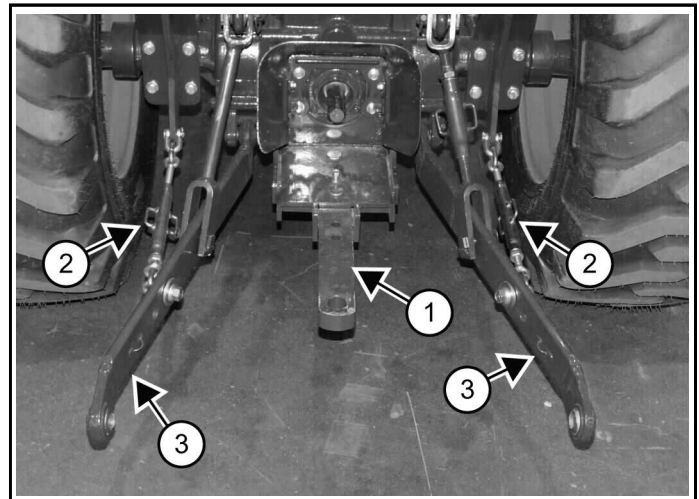
GENERAL HAZARD

Failure to obey warnings can cause serious injury or death.

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

WI-2744

Figure 7



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1. Move the drawbar (Item 1) [Figure 7] to the storage position or remove (if necessary). See the compact tractor Operation & Maintenance Manual for detailed information.

The three-point hitch lower links must be set wide enough to clear the implement mounting pins.

2. Adjust the sway bars (Item 2) (both sides) to move the lower links (Item 3) [Figure 7] as needed.

See the compact tractor Operation & Maintenance Manual for detailed information on adjusting sway bars.

⚠ WARNING

CRUSHING HAZARD

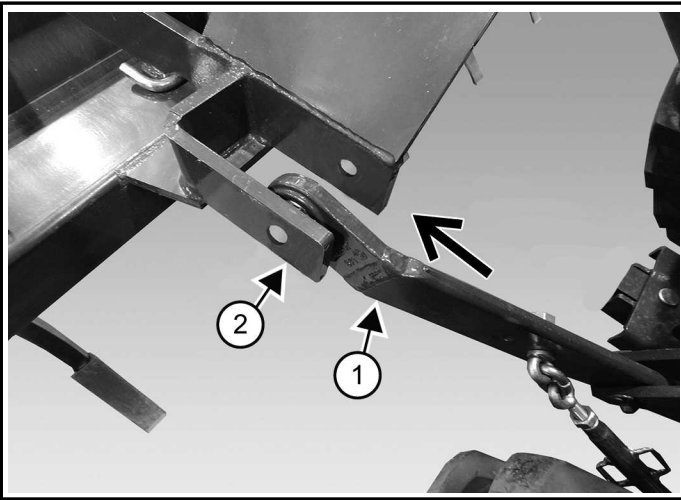
Contact with the machine can cause serious injury or death.

Before backing the machine, look in all directions and make sure no bystanders are in the work area. Do not allow anyone between the machine and the implement when backing up to the implement for installation. ◀

WI-2734

3. Enter the compact tractor (See Entering And Exiting The Compact Tractor on Page 11) .
4. Start the engine and release the parking brake.

Figure 8



5. Drive the compact tractor to the implement and align the lower links (Item 1) with the implement lower mounts (Item 2) [Figure 8] (both sides).
6. Lower or raise the compact tractor three-point hitch lower links (Item 1) until they are even with the lower mounts (Item 2) [Figure 8] (both sides) of the three-point implement.

See the compact tractor Operation & Maintenance Manual for detailed information on operating the compact tractor.

7. Stop the engine and exit the compact tractor. (See Entering And Exiting The Compact Tractor on Page 11)

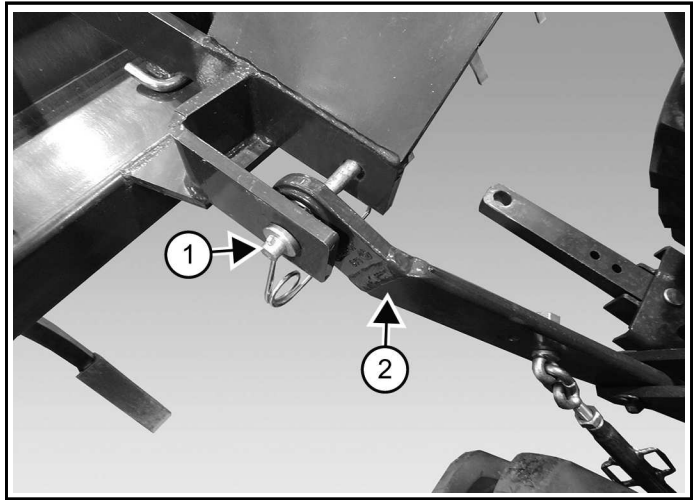
⚠ WARNING

PINCHING HAZARD

Failure to follow instructions can cause serious injury. Keep fingers and hands out of pinch points when installing and removing implement or attachments. †

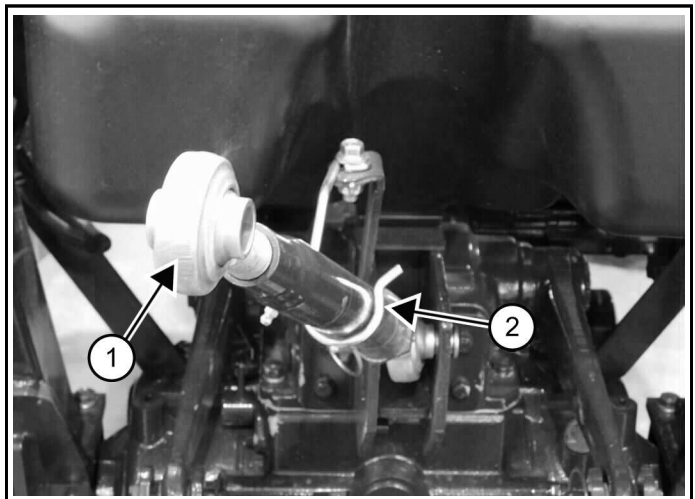
W3371

Figure 9



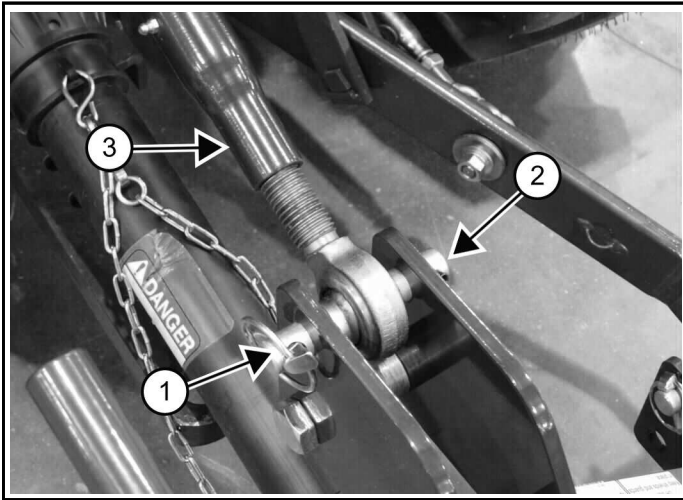
8. Install the lower implement pin (Item 1) through the lower mounts and lower link (Item 2) [Figure 9] (both sides) and secure with retaining clip.

Figure 10



9. Remove the top link (Item 1) from the storage position bracket (Item 2) [Figure 10].

Figure 11



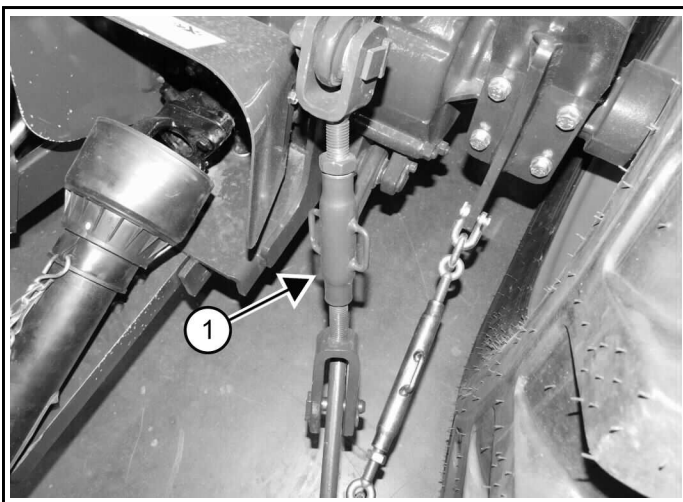
10. Lower the top link (Item 1) [Figure 11] until it aligns with the implement upper mounting hole.
11. Install the pin (Item 2) and retainer pin (Item 3) [Figure 11].

NOTE: It may be necessary to lengthen or shorten the top link to align it with the implement mounting hold [Figure 11].
(See Adjusting The Top Link on Page 13)

12. The implement can be leveled front to back by adjusting the top link.
(See Adjusting The Top Link on Page 13)
13. The implement side to side sway will need to be adjusted. (See Adjusting The Sway Bar on Page 14)

Adjusting The Lift Link

Figure 12

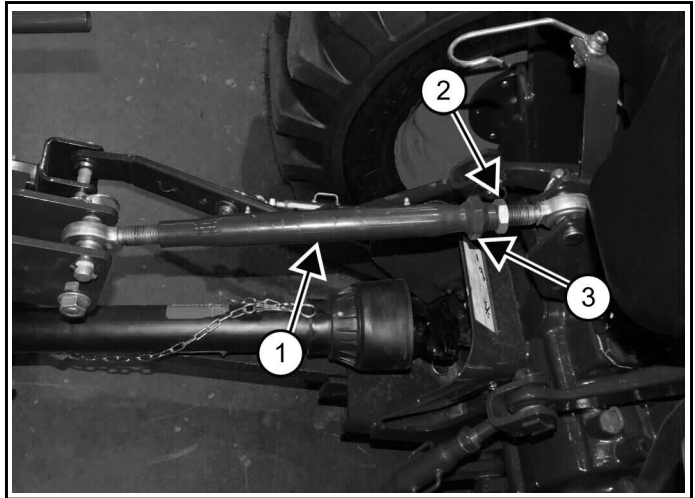


The lift link (Item 1) [Figure 12] is used to adjust the side to side level of the implement.

See the compact tractor Operation & Maintenance Manual for detailed information on adjusting the lift link.

Adjusting The Top Link

Figure 13

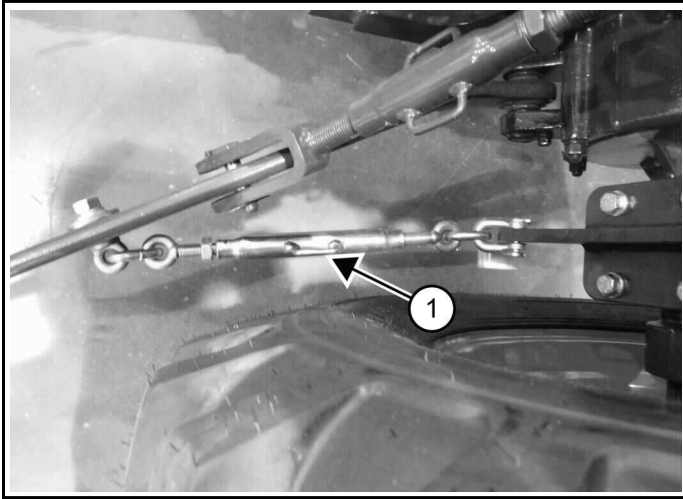


The top link (Item 1) [Figure 13] is used to adjust the front to back level of the implement.

1. Loosen the locknut (Item 2) and use the adjuster (Item 3) [Figure 13] to lengthen or shorten the top link.
2. Turn clockwise to lengthen the top link, turn counterclockwise to shorten top link.
3. After the implement has been leveled, tighten the locknut (Item 2) [Figure 13].

Adjusting The Sway Bar

Figure 14



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The sway bar (Item 1) [Figure 14] (both sides) are used to center the implement between the tires and limits the implements side to side movement.

Adjust the sway bars to center the implement between the tires. See the compact tractor Operation & Maintenance Manual for detailed information on adjusting sway bars.

When adjusting the sway bars with implement installed, the implement will need to be raised slightly off the ground.

Control Functions Three-Point Hitch (Implement)

The three-point hitch will be used to raise or lower the implement. (See the compact tractor Operation & Maintenance Manual for detailed information on operating the three-point hitch).

Driving The Implement And Tractor To Worksite

⚠ WARNING

GENERAL HAZARD

Steering and braking can be affected by the loader attachment, implements, front wheel assist and the rear differential lock.

Always install the correct ballast. Do not exceed the Loader or Three-Point Hitch lift capacities.

Always carry loads low. Slow down when turning.

Always lock the brake pedals together (if equipped) for road travel.

Unlock the brake pedals (if equipped) only when using brake pedals to assist in slow speed turns in work applications.

Make sure that the brakes are adjusted correctly so the compact tractor does not pull to one side when braking. ◀

W-2738

⚠ WARNING

INSTABILITY HAZARD

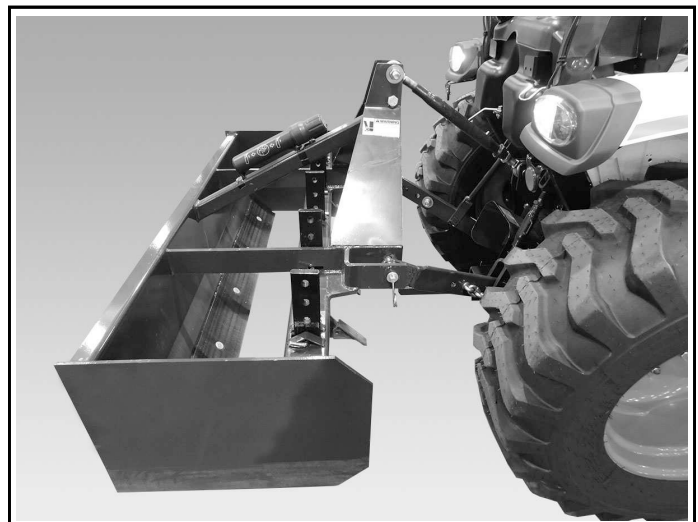
Failure to obey warnings can cause the machine to rollover.

- Use ROPS and fasten the seat belt.
- Install the correct rear ballast.
- Do NOT exceed the Loader lift capacity.
- Check tire condition and proper air pressure.
- Use tires with the correct load rating. ◀

W-3043

1. Enter the compact tractor.
(See Entering And Exiting The Compact Tractor on Page 11) .
2. Start the engine.

Figure 15



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3. Raise the three-point box blade to the travel position [Figure 15]. See the compact tractor Operation & Maintenance Manual for detailed information on operating the three-point hitch.)
4. Drive the compact tractor and implement to the work area.
5. When operating on public road or highway, always follow local regulations. For example; Slow Moving Vehicle (SMV) emblem or directional signals and hazard / flasher lights may be required.
6. Park on flat level ground.
7. Lower the three-point box blade slightly above the ground. (See the compact tractor Operation & Maintenance Manual for detailed information on operating the three-point hitch.)
8. Stop the engine and exit the compact tractor. (See Entering And Exiting The Compact Tractor on Page 11)
6. Watch for and avoid obstructions and obstacles that may cause damage to the box blade and compact tractor.
7. When done with the pass, lift the box blade, turn the tractor around, lower the box blade to the ground, and continue until the area is finished.

Operating The Backfill Blade

The top link is critical in all backfilling operations. Adjust the top link so the blade is tilted down at the rear, causing the blade to move across the ground and not digging into the ground. (See Adjusting The Top Link on Page 13)

- Use a slow speed and caution to prevent damage to the box blade while using the backfill blade.
- The backfilling operation should be performed with the load in the center of the blade. Avoids loads at the ends of the blades.
- Do not ram into a load, this may cause damage to the box blade and compact tractor.
- Perform all backfilling operations at slow speeds to prevent damage if the blade hits an object.
- Moving snow with the backfilling blade is a delicate operation and should be done at a slower speed and with caution.

NOTE: Damage to the box blade and compact tractor may occur by hitting hidden objects.

- Damage to the box blade may occur by hitting objects that can be hidden easily in the snow, or a snow bank that is too much material to move.
- Use caution when using the box blade for snow removal because the compact tractor may suddenly lose and regain traction causing a sudden surge of ground speed.

WARNING

UNINTENDED MOVEMENT HAZARD
Failure to follow instructions can cause serious injury or death.

Before you leave the operator's seat:
Fully lower the loader arms, put the attachment flat on the ground (if equipped).
Fully lower the implement(s) to the ground (if equipped).
Lock brake pedals together (if equipped) and engage the parking brake.
Place all controls in neutral.
Stop the engine, unfasten the seat belt, and remove the key.

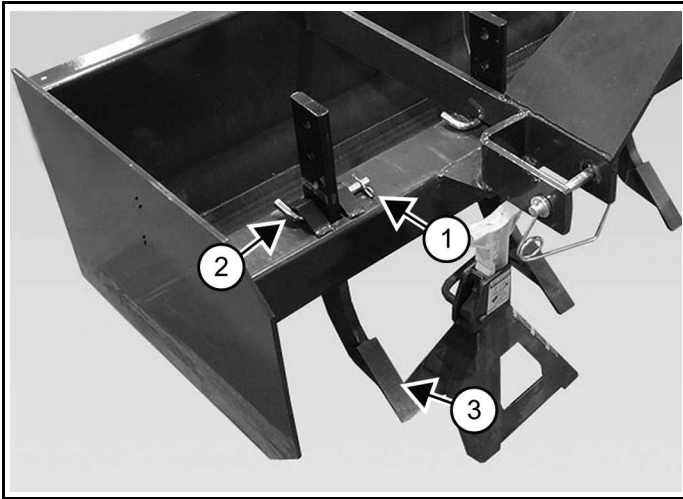
W-3178

Operating The Scraper Blade

1. When at the area to be scraped, stop the tractor, lower the box blade from the travel position to the ground.
2. Exit the compact tractor. (See Entering And Exiting The Compact Tractor on Page 11)
3. Adjust the top link to set the cutting edge at the correct angle. (See Adjusting The Top Link on Page 13)
4. Enter the compact tractor. (See Entering And Exiting The Compact Tractor on Page 11)
5. Slowly drive the tractor forward scraping the box blade across the ground with the three-point lift control in the float position.

Adjusting The Scarifier Teeth

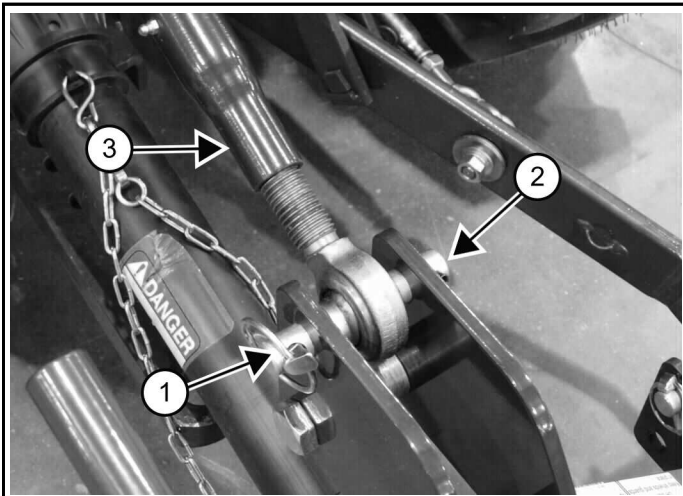
Figure 16



1. Remove the retaining pin (Item 1), locking pin (Item 2), and adjust the scarifier (Item 3) [Figure 16] to the desired position.
2. Insert locking pin and retaining pin.

Removing The Three-Point Implement

Figure 17

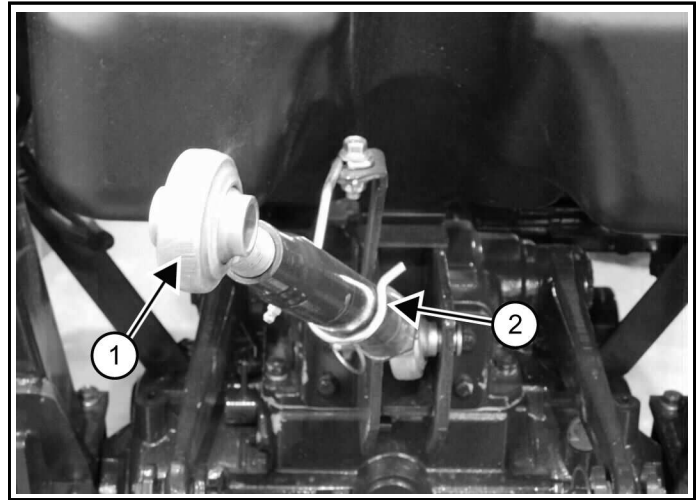


1. Remove the retainer pin (Item 1) and pin (Item 2) [Figure 17].

It may be necessary to lengthen or shorten the top link when remove the implement from the compact tractor. (See Adjusting The Top Link on Page 13)

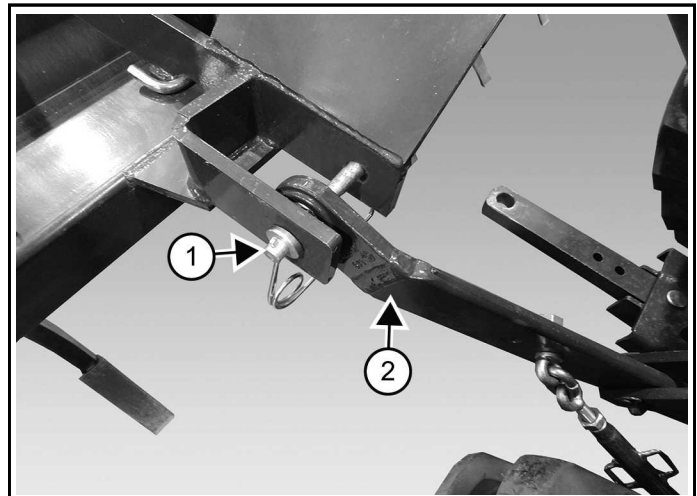
2. Remove the top link (Item 3) [Figure 17] from the implement.

Figure 18

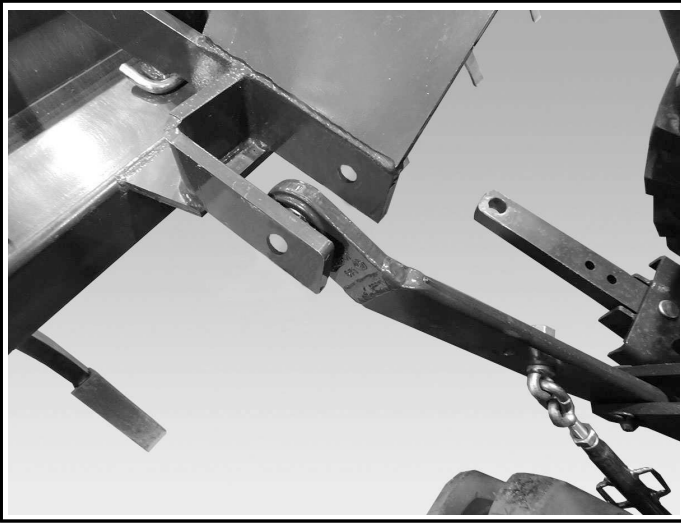


3. Place the top link (Item 1) into the storage position bracket (Item 2) [Figure 18].

Figure 19



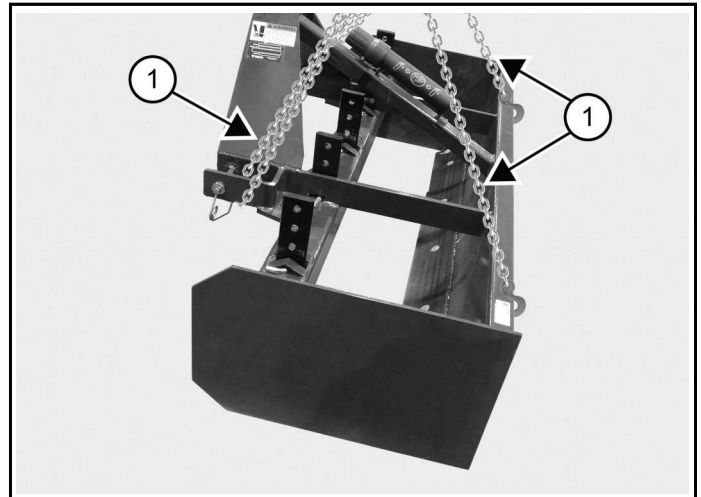
4. Remove the lower implement pin (Item 1) from the lower mounts and lower link (Item 2) [Figure 19]
5. Enter the compact tractor.
(See Entering And Exiting The Compact Tractor on Page 11)
6. Start the engine and release the parking brake.

Figure 20

7. Slowly drive the compact tractor away from the implement [Figure 20]
8. Remove the front ballast from the compact tractor (if equipped).

LIFTING THE IMPLEMENT

Use chains that are in good condition and of adequate size to lift the implement.

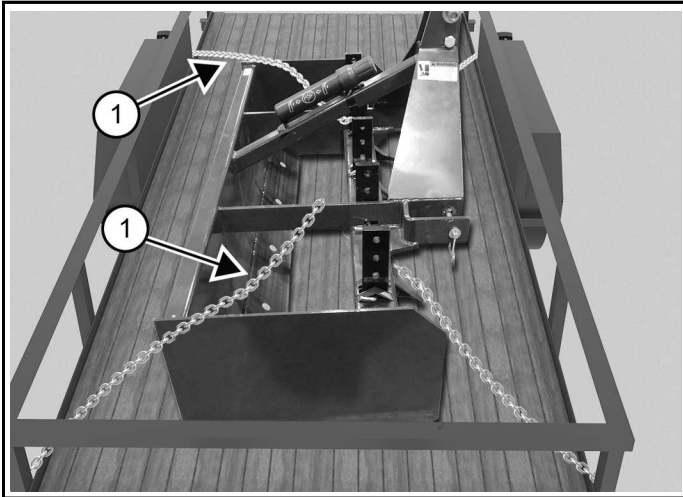
Figure 21

- Fasten the chains to the three-point box blade (Item 1) [Figure 21].

TRANSPORTING THE IMPLEMENT ON A TRAILER

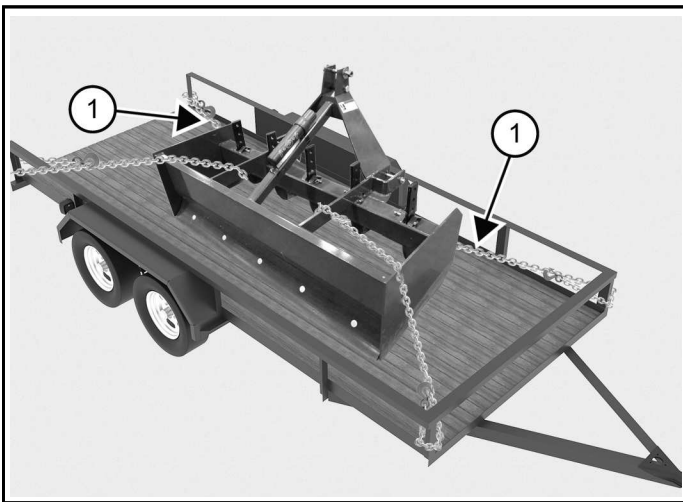
Fastening The Implement On A Trailer

Figure 22



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Figure 23



C141982a

- Fasten the chains to the implement (Item 1) [Figure 22] and [Figure 23] and fasten each end of the chain to the transport vehicle.
- Use chain binders to prevent the implement from moving during transport.

TRANSPORTING THE IMPLEMENT AND MACHINE ON A TRAILER

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.



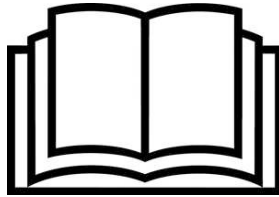
MAINTENANCE SAFETY WARNINGS



- Never service the Ignite Attachments attachment / 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 / implements without instructions. See Operation & Maintenance Manual and Attachment / Implement Service Manual.
- Cleaning and maintenance are required daily.
- Never service or adjust attachment / implement with the engine running unless instructed to do so in manual.
- Always lower the attachment / 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 The Implement

WARNING

INSUFFICIENT INSTRUCTIONS HAZARD

Untrained operators or failure to follow instructions can cause serious injury or death.

- Read and understand the Operation & Maintenance Manual and decals on machine.
- Follow warnings and instructions in the manuals when making repairs, adjustments or servicing.
- Check for correct function after adjustments, repairs or service.*

W-2408

PROBLEM	CAUSE	CORRECTION
Bent Moldboard	Damaged by hitting hidden objects.	Slow speed down if soil conditions are unknown.
Cutting blade does not penetrate soil.	Cutting edge is dull.	Rotate or replace cutting edge.
	Blade angle is too straight	Adjust top link.
	Soil is too hard.	Use scarifiers to loosen soil.
A-Frame is bent	Impacting objects during backfill.	Slow speed down if soil conditions are unknown.
Moldboard is digging too deep.	Blade angle too steep.	Adjust top link.
Unable to level ground adequately.	Tractor draft control set incorrectly.	Refer to the compact tractor Operation & Maintenance Manual for the correct procedure.

SERVICE SCHEDULE

Maintenance Intervals

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures.

Explanation of the service intervals:

- **10:** Every 10 hours or daily (before starting the machine).
- **50:** Every 50 hours.
- **250:** Every 250 hours or every 12 months, whichever comes first.
- **500:** Every 500 hours or every 12 months, whichever comes first.
- **750:** Every 750 hours or every 12 months, whichever comes first.
- **1000:** Every 1000 hours or every 12 months, whichever comes first.
- **2000:** Every 2000 hours or every 24 months, whichever comes first.

Service Schedule		
○	Check condition / proper operation. Adjust or replace as needed.	
Item	Service Required	Service Interval (hours)
		10
Mainframe	Check frame and welds.	○
Hardware	Check all bolts and nuts are tight	○

CUTTING EDGE

Removing And Installing The Cutting Edge

⚠ WARNING

CRUSHING HAZARD

Falling implement can cause serious injury or death. Securely block up the implement before working underneath. ◀

W-2585

⚠ WARNING

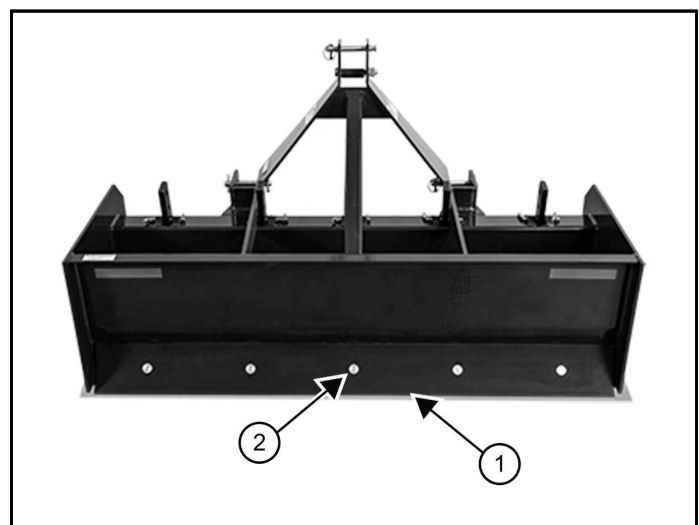
ENTANGLEMENT AND IMPACT HAZARD

Contact with moving parts, a trench cave-in or flying objects can cause serious injury or death. Keep all bystanders 6 m (20 ft) away from equipment when operating. ◀

W-2119

The same procedure will be used to remove the inner and outer cutting edge. Removal of the outer cutting edge is shown.

Figure 24



P217004b

1. Check the condition of the cutting edge and mounting hardware. Visit [Missing external cross reference text] if replacement parts are needed.

The cutting edge (Item 1) [Figure 24] is reversible.

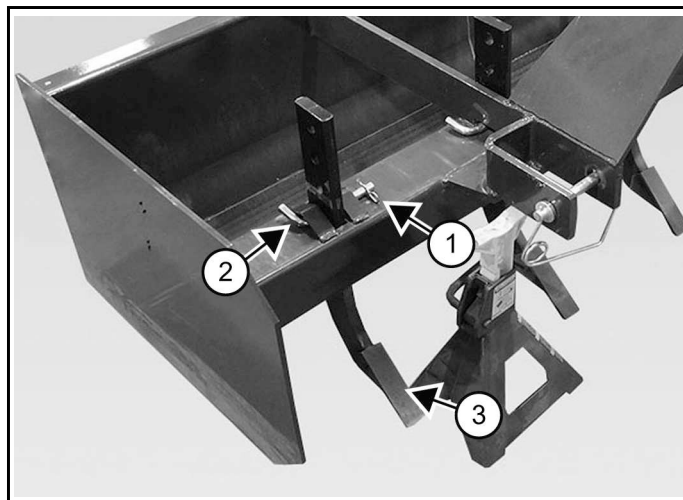
2. When the cutting edge becomes worn or damaged, lower the box blade until it is 25,0 – 51,0 mm (1–2 in) off the ground. Use a safety stand or wood blocks to support the box blade.
3. Remove the nuts and bolts (Item 2) [Figure 24] from the cutting edge, rotate the cutting edge 180° and reinstall.

When installing tighten the bolts to 170 – 190 N·m (125 – 140 ft-lb) torque.

SCARIFIER TEETH

Removing And Installing Scarifier Teeth

Figure 25



1. Remove the retaining pin (Item 1), locking pin (Item 2), and remove the scarifier (Item 3) [Figure 25]

When installing insert and adjust the scarifier to the desired position. Install the locking pin and retaining pin.

STORAGE AND RETURN TO SERVICE

Implement Storage

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

- Thoroughly clean and wash the implement.
- Inspect the three-point mounts, mounting pins and all welds on the implement for wear and damage.
- Check for loose hardware, missing guards, or damaged parts.
- Check for damaged or missing decals. Replace if necessary.
- Replace worn or damaged parts.
- Place the implement in a dry protected shelter.
- Place the implement flat on the ground.
- In muddy conditions or to prevent the implement from freezing to the ground, put the implement on planks or blocks before removing the implement from the machine.

Return To Service

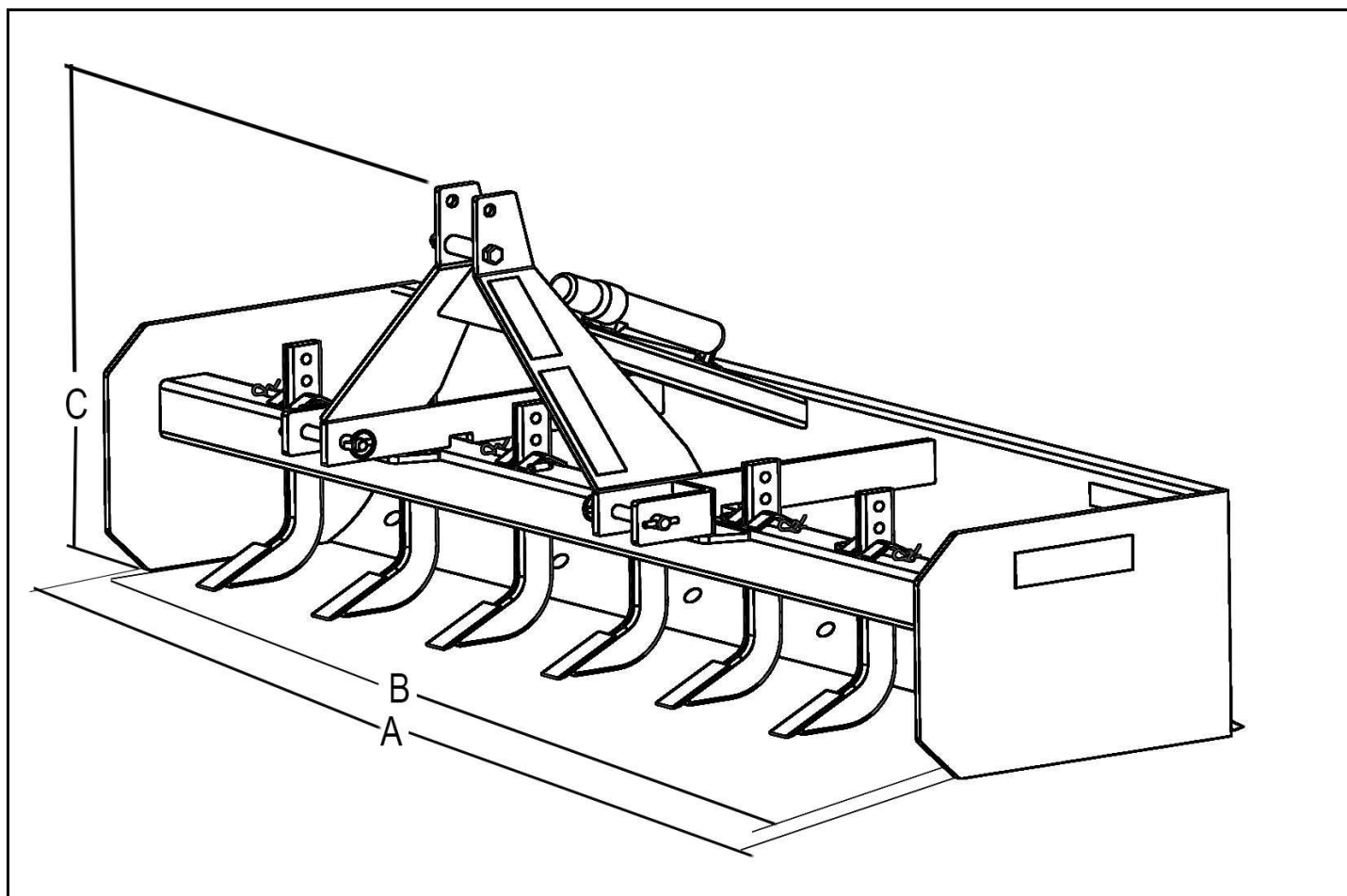
After the Ignite Attachments implement has been in storage, it is necessary to follow a list of items to return the implement to service.

- Be sure all shields and guards are in place.
- Install and operate implement, check for correct function.

IMPLEMENT 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 26



P142024a

DESCRIPTION	BLADE BOX 48	BLADE BOX 60	BLADE BOX 72
Overall Width (A)	1254 mm (49.38 in)	1553 mm (61.13 in)	1857 mm (73.13 in)
Overall Cutting Width (B)	1238 mm (48.75 in)	1537 mm (60.5 in)	1842 mm (72.5 in)
Overall Height (C)	879 mm (34.61 in)	851 mm (33.5 in)	851 mm (33.5 in)

PERFORMANCE SPECIFICATIONS

DESCRIPTION	BLADE BOX 48	BLADE BOX 60	BLADE BOX 72
Working Width	1270 mm (50 in)	1562 mm (61.5 in)	1867 mm (73.5 in)
Number of Shanks	5	5	6
Shank Penetration	0 – 76 mm (0 – 3 in)	0 – 102 mm (0 – 4 in)	0 – 102 mm (0 – 4 in)
Shank Size	19,05 mm x 64 mm (0 – 0.75 in x 2.5 in)	19,05 mm x 64 mm (0 – 0.75 in x 2.5 in)	19,05 mm x 64 mm (0 – 0.75 in x 2.5 in)
Main Frame	102 mm x 102 mm x 6 mm (4 in x 4 in x 0.25 in)	102 mm x 102 mm x 6 mm (4 in x 4 in x 0.25 in)	102 mm x 102 mm x 6 mm (4 in x 4 in x 0.25 in)
Hitch Type	CAT I	CAT I	CAT I
Number of Cutting Edges / Size	10 mm x 152 mm (2 / 0.38 in x 6 in)	10 mm x 152 mm (2 / 0.38 in x 6 in)	10 mm x 152 mm (2 / 0.38 in x 6 in)
Weight with Scarifiers	163 kg (360 lb)	190 kg (418 lb)	215 kg (474 lb)

IMPLEMENT WARRANTY

A statement explaining the terms and conditions of the warranty coverage that applies to your 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.