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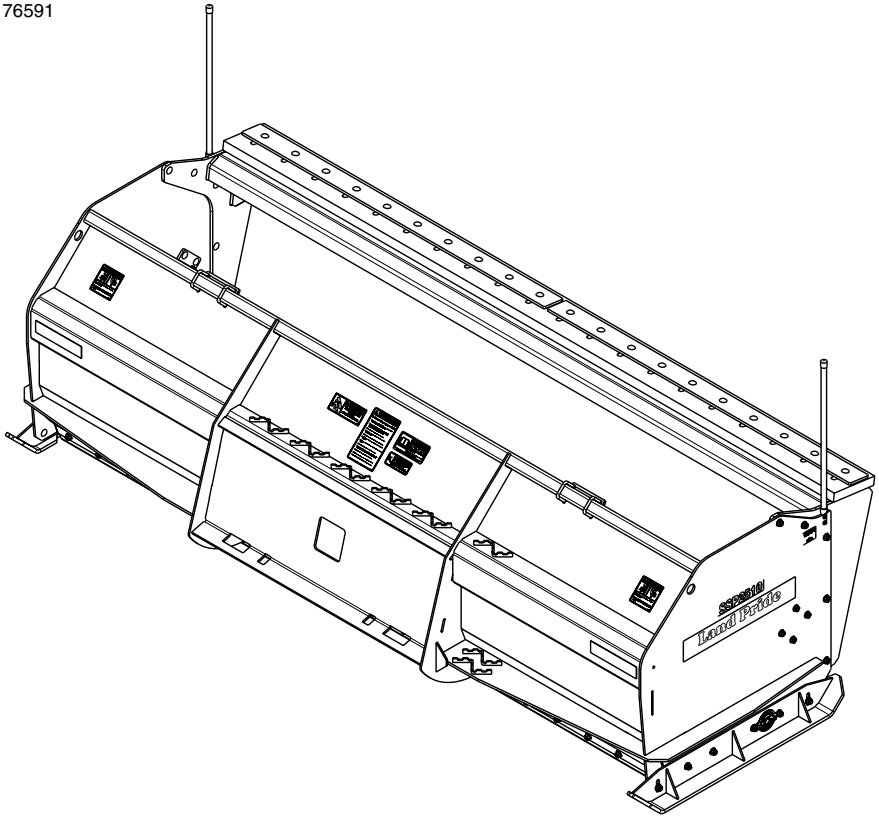
Snow Pusher

SSP2510, & SSP2512

76591



303-348M
Operator's Manual

Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

Cover photo may show optional equipment not supplied with standard unit.

For an Operator's Manual and Decal Kit in French Language, please see your Land Pride dealer.

Printed 8/23/21

Machine Identification

Record your machine details in the log below. If you replace this manual, be sure to transfer this information to the new manual.

If you, or the dealer, have added Options not originally ordered with the machine, or removed Options that were originally ordered, the weights and measurements are no longer accurate for your machine. Update the record by adding the machine weight and measurements provided in the Specifications & Capacities Section of this manual with the Option(s) weight and measurements.

Model Number	
Serial Number	
Machine Height	
Machine Length	
Machine Width	
Machine Weight	
Delivery Date	
First Operation	
Accessories	

Dealer Contact Information

Name: _____

Street: _____

City/State: _____

Telephone: _____

Email: _____

California Proposition 65

⚠ **WARNING**: Cancer and reproductive harm - www.P65Warnings.ca.gov

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Printed in the United States of America.

8/23/21

See previous page for Table of Contents.

Parts Manual QR Locator

The QR (Quick Reference) code on the left will take you to the Parts Manual for this equipment. Download the appropriate App on your smart phone, open the App, point your phone on the QR code and take a picture.

Dealer QR Locator

The QR code on the left will link you to available dealers for Land Pride products. Refer to Parts Manual QR Locator on this page for detailed instructions.

Listed below are common practices that may or may not be applicable to the products described in this manual.

Safety at All Times

Careful operation is your best assurance against an accident.

All operators, no matter how much experience they may have, should carefully read this manual and other related manuals, or have the manuals read to them, before operating the power machine and this attachment.

- ▲ Thoroughly read and understand the "Safety Label" section. Read all instructions noted on them.
- ▲ Do not operate the equipment while under the influence of drugs or alcohol as they impair the ability to safely and properly operate the equipment.
- ▲ Operator should be familiar with all functions of the tractor/skid steer and attachment and be able to handle emergencies quickly.
- ▲ Make sure all guards and shields appropriate for the operation are in place and secured before operating the attachment.
- ▲ Keep all bystanders away from equipment and work area.
- ▲ Start tractor/skid steer from the driver's seat with steering levers and hydraulic controls in neutral.
- ▲ Operate tractor/skid steer and controls from the driver's seat only.
- ▲ Never dismount from a moving tractor/skid steer or leave machine unattended with engine running.
- ▲ Do not allow anyone to stand between tractor/skid steer and attachment while hooking-up.
- ▲ Keep hands, feet, and clothing away from power-driven parts.
- ▲ While transporting and operating equipment, watch out for objects overhead and along side such as fences, trees, buildings, wires, etc.
- ▲ Store attachment in a safe and secure area where children normally do not play. When needed, secure attachment against falling with support blocks.

Look for the Safety Alert Symbol

The SAFETY ALERT SYMBOL indicates there is a potential hazard to personal safety and extra precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. 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.

Be Aware of Signal Words

A signal word designates a degree or level of hazard seriousness. They are:

DANGER: Indicates a hazardous situation that, if not avoided, will result in death or serious injury.

WARNING: Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION: Indicates a hazardous situation that, if not avoided, may result in minor or moderate injury.

Be Aware of Special Notices

Special notices are intended to point out important and helpful information that should be followed. They are usually placed inside a box. They are:

IMPORTANT: Indicates that equipment or property damage could result if instructions are not followed.

NOTE: Indicates supplementary explanations that will be helpful when using the equipment.

Safety Precautions for Children

Tragedy can occur if the operator is not alert to the presence of children. Children generally are attracted to attachments and their work.

- ▲ Never assume children will remain where you last saw them.
- ▲ Keep children out of the work area and under the watchful eye of a responsible adult.
- ▲ Be alert and shut the attachment and skid steer/track loader down if children enter the work area.
- ▲ Never carry children on the power machine or attachment. There is not a safe place for them to ride. They may fall off and be run over or interfere with the control of the power machine.
- ▲ Never allow children to operate the power machine, even under adult supervision.
- ▲ Never allow children to play on the power machine or attachment.
- ▲ Use extra caution when backing up. Before the power machine starts to move, look down and behind to make sure the area is clear.

Listed below are common practices that may or may not be applicable to the products described in this manual.

Dig Safe - Avoid Underground Utilities

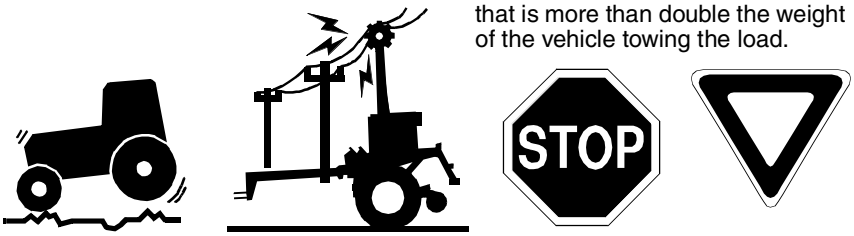
- **USA: Call 811**
  CAN: digsafecanada.ca
  Always contact your local utility companies (electrical, telephone, gas, water, sewer, and others) before digging so that they may mark the location of any underground services in the area.
- Be sure to ask how close you can work to the marks they positioned.

Transport Safely

- Comply with federal, state, and local laws.
- Use towing vehicle and trailer of adequate size and capacity. Secure equipment towed on a trailer with tie downs and chains.
- Sudden braking can cause a towed trailer to swerve unexpectedly. Reduce speed if towed trailer is not equipped with brakes.
- Avoid contact with any overhead utility lines or electrically charged conductors.
- Always drive with load on end of loader arms low to the ground.
- Always drive straight up and down steep inclines with heavy end of skid steer or tractor with loader attachment on the “uphill” side.
- Engage park brake when stopped on an incline.
- Maximum transport speed for an attached equipment is 20 mph. DO NOT EXCEED. Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrains require a slower speed.
- As a guideline, use the following maximum speed weight ratios for attached equipment:

  20 mph when weight of attached equipment is less than or equal to the weight of machine towing the equipment.

  10 mph when weight of attached equipment exceeds weight of machine towing equipment but not more than double the weight.
- **IMPORTANT:** Do not tow a load that is more than double the weight of the vehicle towing the load.

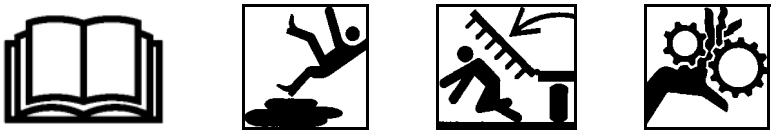


Tire Safety

- Tire changing can be dangerous and must be performed by trained personnel using the correct tools and equipment.
- Always properly match the wheel size to the properly sized tire.
- Always maintain correct tire pressure. Do not inflate tires above recommended pressures shown in the Operator’s Manual.
- When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.
- Securely support the attachment when changing a wheel.
- When removing and installing wheels, use wheel handling equipment adequate for the weight involved.
- Make sure wheel bolts have been tightened to the specified torque.

Practice Safe Maintenance

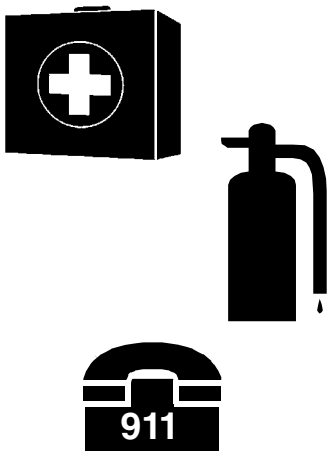
- Understand procedure before doing work. Refer to the Operator’s Manual for additional information.
- Work on a level surface in a clean dry area that is well-lit.
- Lower attachment to the ground and follow all shutdown procedures before leaving the operator’s seat to perform maintenance.
- Do not work under any hydraulically supported equipment. It can settle, suddenly leak down, or be lowered accidentally. If it is necessary to work under the equipment, securely support it with stands or suitable blocking beforehand.
- Use properly grounded electrical outlets and tools.
- Use correct tools and equipment for the job that are in good condition.
- Allow equipment to cool before working on it.
- Disconnect battery ground cable (-) before servicing or adjusting electrical systems or before welding on equipment.
- Inspect all parts. Make certain that parts are in good condition & installed properly.
- Replace parts on this attachment with genuine Land Pride parts only. Do not alter this attachment in a way which will adversely affect its performance.
- Do not grease or oil attachment while it is in operation.
- Remove buildup of grease, oil, or debris.
- Always make sure any material and waste products from the repair and maintenance of the attachment are properly collected and disposed.
- Remove all tools and unused parts before operation.



Listed below are common practices that may or may not be applicable to the products described in this manual.

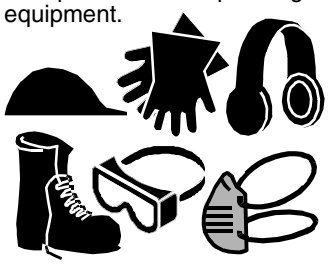
Prepare for Emergencies

- ▲ Be prepared if a fire starts.
- ▲ Keep a first aid kit and fire extinguisher handy.
- ▲ Keep emergency numbers for doctor, ambulance, hospital, and fire department near the phone.



Wear Personal Protective Equipment (PPE)

- ▲ Wear protective clothing and equipment appropriate for the job such as safety shoes, safety, glasses, hard hat, dust mask, and ear plugs.
- ▲ Clothing should fit snug without fringes and pull strings to avoid entanglement with moving parts.
- ▲ Prolonged exposure to loud noise can cause hearing impairment or hearing loss. Wear suitable hearing protection such as earmuffs or earplugs.
- ▲ Operating a machine safely requires the operator's full attention. Avoid wearing headphones while operating equipment.

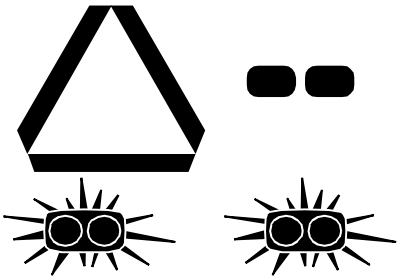


Avoid High Pressure Fluids

- ▲ Escaping fluid under pressure will penetrate the skin or eyes causing serious injury.
- ▲ Relieve all residual pressure before disconnecting hydraulic lines or performing work on the hydraulic system.
- ▲ Make sure all hydraulic fluid connections are properly tightened/torqued and all hydraulic hoses and lines are in good condition before applying pressure to the system.
- ▲ Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
- ▲ Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
- ▲ **DO NOT DELAY.** If an accident occurs, seek immediate emergency medical care or gangrene may result.

Use Safety Lights and Devices

- ▲ A slow moving power machine can create a hazard when driven on public roads. They are difficult to see, especially at night. Use the Slow Moving Vehicle (SMV) sign when on public roads.
- ▲ Flashing warning lights and turn signals are recommended whenever driving on public roads.

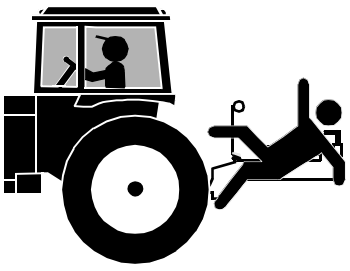


Use Seat Belt and ROPS

- ▲ Land Pride recommends the use of a CAB or roll-over-protective-structures (ROPS) and seat belt in almost all power machines. Combination of a CAB or ROPS and seat belt will reduce the risk of serious injury or death if the power machine should be upset.
- ▲ If ROPS is in the locked-up position, fasten seat belt snugly and securely to help protect against serious injury or death from falling and machine overturn.

Keep Riders Off Machinery

- ▲ Never carry riders on the power machine or attachment.
- ▲ Riders obstruct operator's view and interfere with the control of the power machine.
- ▲ Riders can be struck by objects or thrown from the equipment.
- ▲ Never use the power machine or attachment to lift or transport riders.

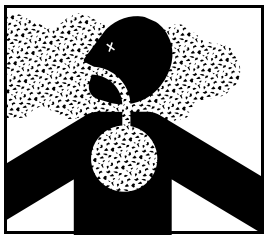


These are common practices that may or may not be applicable to the products described in this manual.

Avoid crystalline Silica (quartz) Dust

Because crystalline silica is a basic component of sand and granite, many activities at construction sites produce dust containing crystalline silica. Trenching, sawing, and boring of material containing crystalline silica can produce dust containing crystalline silica particles. This dust can cause serious injury to the lungs (silicosis).

There are guidelines which should be followed if crystalline silica (quartz) is present in the dust.



- ▲ Be aware of and follow OSHA (or other local, State, or Federal) guidelines for exposure to airborne crystalline silica.
- ▲ Know the work operations where exposure to crystalline silica may occur.
- ▲ Participate in air monitoring or training programs offered by the employer.
- ▲ Be aware of and use optional equipment controls such as water sprays, local exhaust ventilation, and enclosed cabs with positive pressure air conditioning if the machine has such equipment. Otherwise respirators shall be worn.
- ▲ Where respirators are required, wear a respirator approved for protection against crystalline silica containing dust. Do not alter respirator in any way. Workers who use tight-fitting respirators can not have beards/ mustaches which interfere with the respirator seal to the face.
- ▲ If possible, change into disposable or washable work clothes at the work site; shower and change into clean clothing before leaving the work site.
- ▲ Do not eat, drink, use tobacco products, or apply cosmetics in areas where there is dust containing crystalline silica.
- ▲ Store food, drink, and personal belongings away from the work area.
- ▲ Wash hands and face before eating, drinking, smoking, or applying cosmetics after leaving the exposure area.

Handle Chemicals Properly

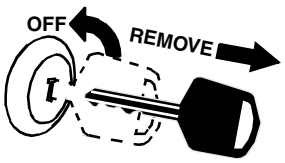
- ▲ Protective clothing should be worn.
- ▲ Handle all chemicals with care.
- ▲ Follow instructions on container label.
- ▲ Agricultural chemicals can be dangerous. Improper use can seriously injure persons, animals, plants, soil, and property.
- ▲ Inhaling smoke from any type of chemical fire can be a serious health hazard.
- ▲ Store or dispose of unused chemicals as specified by the chemical manufacturer.

Skid Steer Shutdown And Storage

- ▲ Reduce engine speed and shut-off all power to the attachment.
- ▲ Park on solid, level ground and lower attachment until it is flat on the ground or on non-concrete support blocks.
- ▲ Turn off engine. Do not remove ignition key at this time.
- ▲ Turn ignition key to the “RUN” position. Relieve all hydraulic pressure by moving both joysticks.
- ▲ Turn ignition key to Off and remove to prevent unauthorized starting.
- ▲ Relieve all hydraulic pressures.
- ▲ If included, raise seat bar and move controls until both lock.
- ▲ Wait for all components to stop before leaving operator’s seat.
- ▲ Use steps, grab-handles and anti-slip surfaces when stepping on and off the skid steer.

Tractor Shutdown & Storage

- ▲ Reduce engine speed and shut-off all power to the attachment.
- ▲ Park on solid, level ground and lower attachment until it is flat on the ground or on non-concrete support blocks.
- ▲ Put tractor in park or set park brake.
- ▲ Turn off engine and remove ignition key to prevent unauthorized starting.
- ▲ Relieve all hydraulic pressures.
- ▲ Wait for all components to stop before leaving operator’s seat.
- ▲ Use steps, grab-handles and anti-slip surfaces when stepping on and off the tractor.



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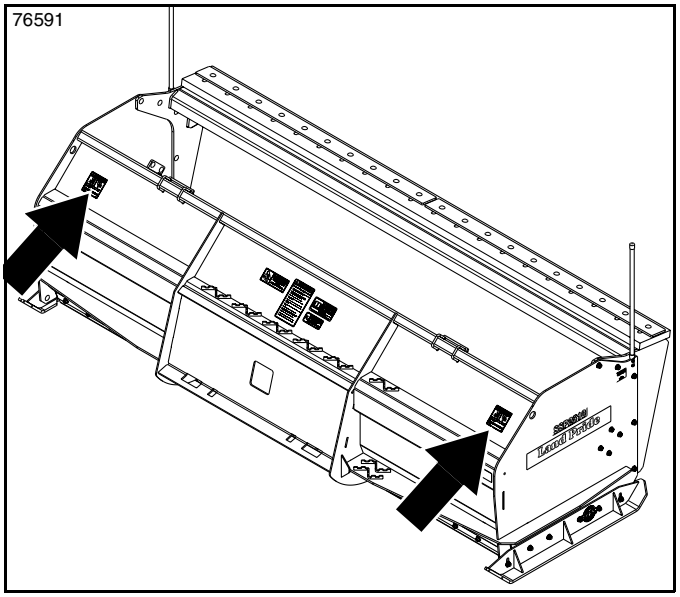
Safety Labels

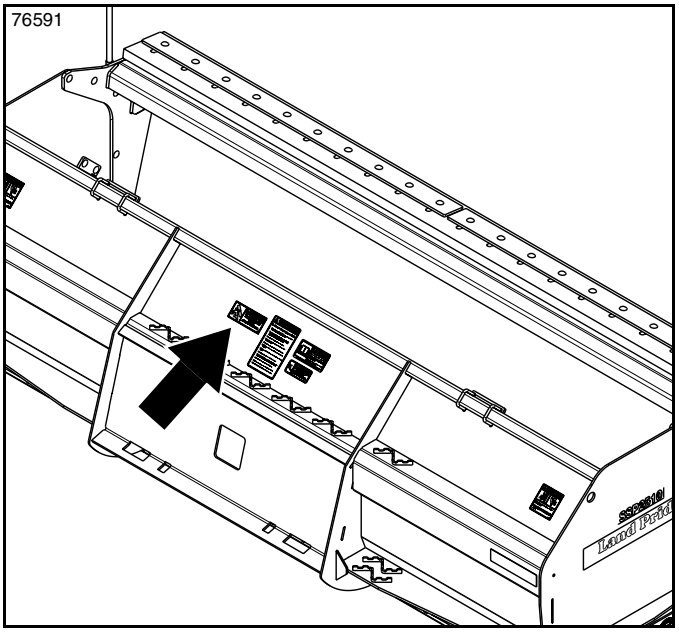
Your Snow Pusher comes equipped with all safety labels in place. They were designed to help you safely operate your implement. Read and follow their directions.

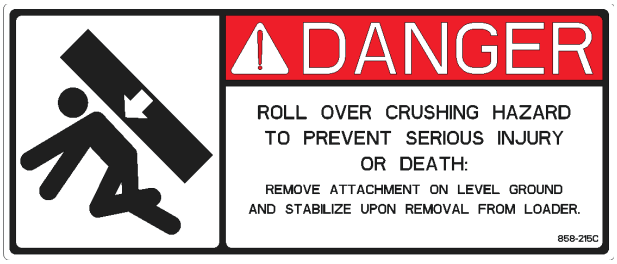
1. *Keep all safety labels clean and legible.*
2. *Refer to this section for proper label placement. Replace all damaged or missing labels. Order new labels from your nearest Land Pride dealer. To find your nearest dealer, visit our dealer locator at www.landpride.com.*
3. *Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by Land Pride. When ordering new components make sure the correct safety labels are included in the request.*
4. *Refer to this section for proper label placement. To install new labels:*
   a. *Clean the area the label is to be placed.*
   b. *Spray soapy water on the surface where the label is to be placed.*
   c. *Peel backing from label. Press firmly onto the surface.*
   d. *Squeeze out air bubbles with the edge of a credit card or with a similar type straight edge.*



838-112C

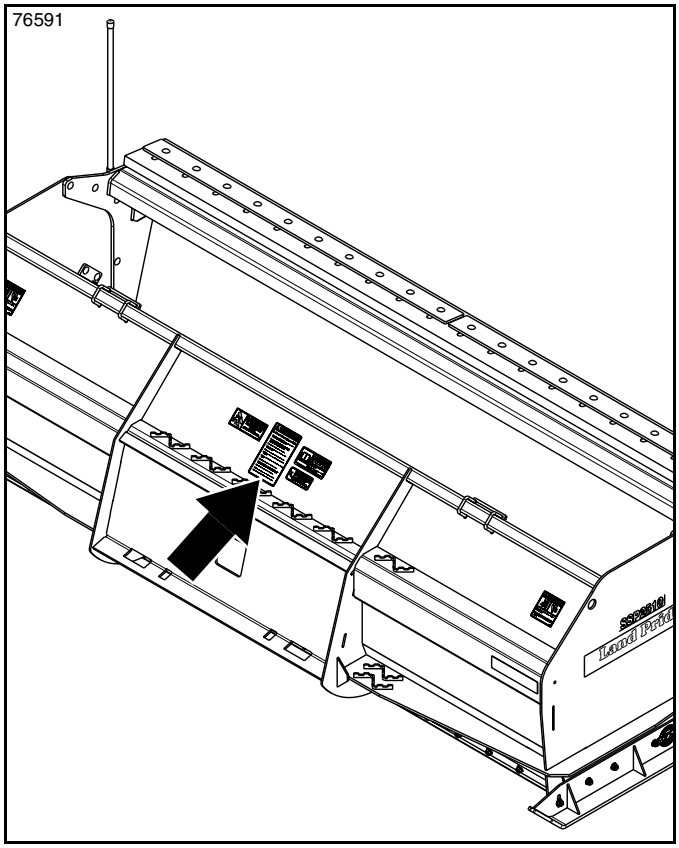
Danger: Pinching Hazard (2 places)

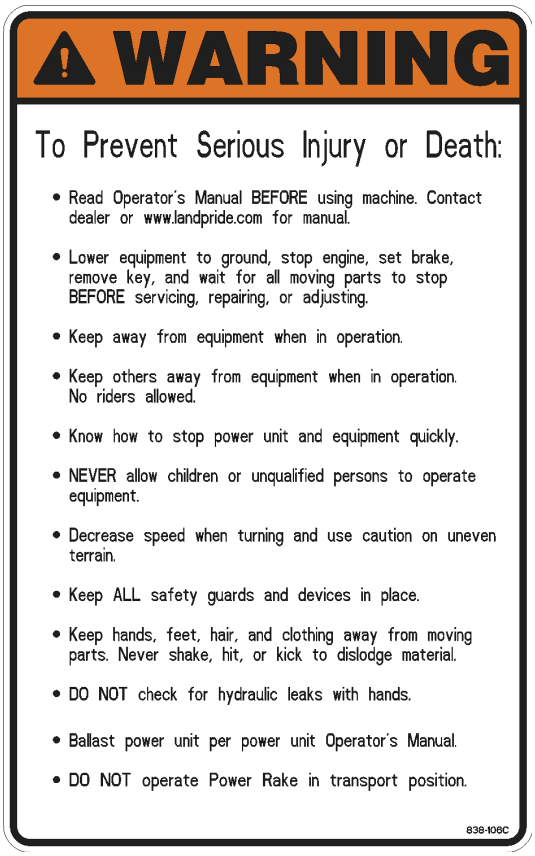




858-215C

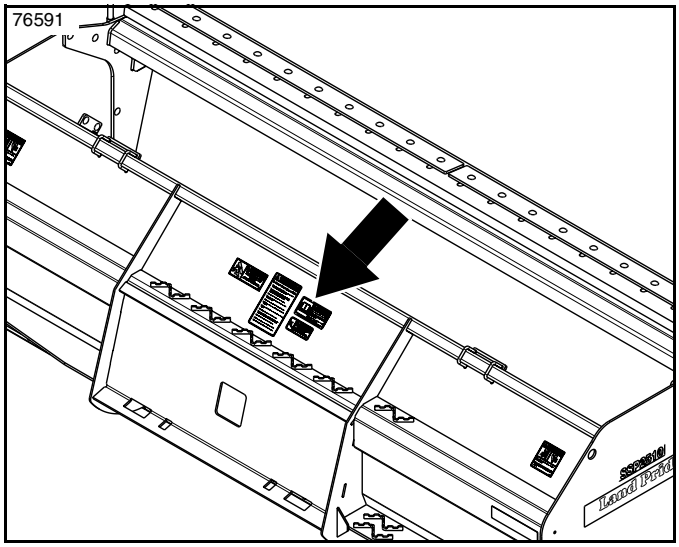
Danger: Roll Over Crushing Hazard

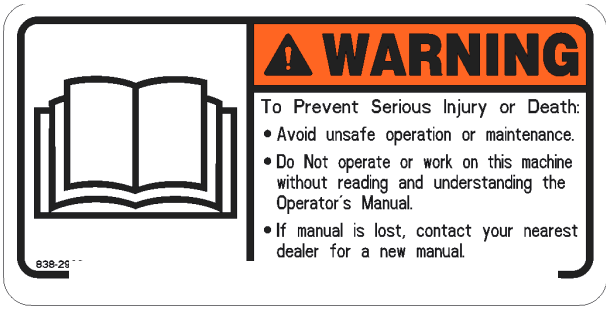




838-106C

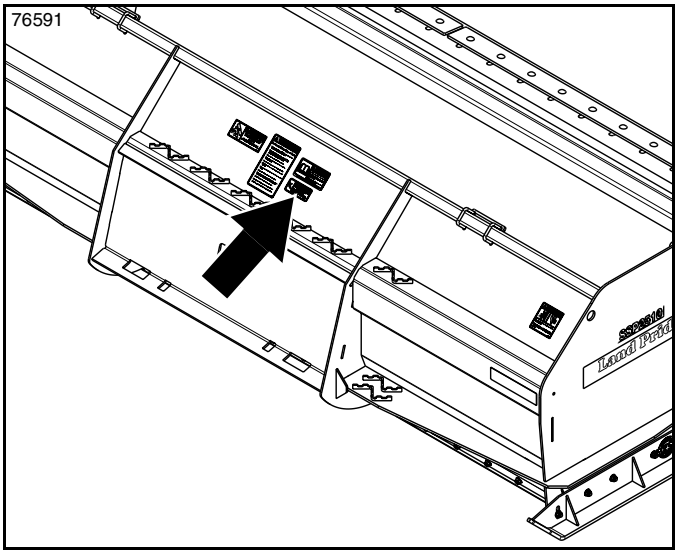
Warning: General Warning





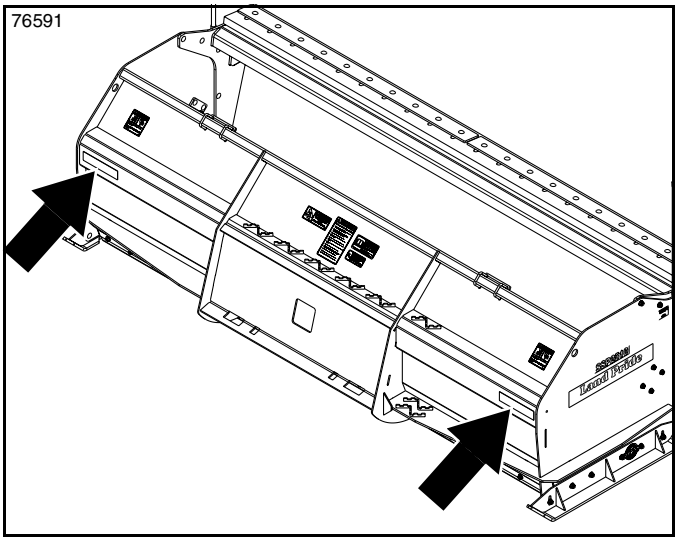
838-293C

Warning: Read & Understand Manual



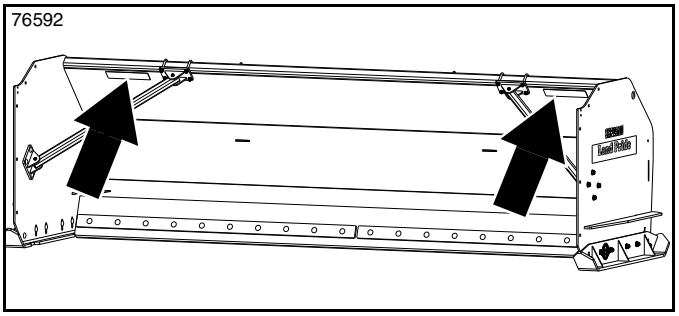
844-363C

Warning: Falling/Tripping Hazard



838-614C

2" x 9" Red Reflector (2 places)



838-615C

2" x 9" Amber Reflector (2 places)

Land Pride welcomes you to the growing family of new product owners. This Snow Pusher has been designed with care and built by skilled workers using quality materials. Proper assembly, maintenance, and safe operating practices will help you get years of satisfactory use from this machine.

Application

Land Pride's SSP25 Series Snow Pushers are available in popular sizes to fit your skid steer or tractor loader equipped with a universal Quick-Attach hitch. They are designed to push snow and other loose materials straight ahead without leaving windrows on the side or damaging the pavement below when using the optional rubber snow blade.

The 25 Series is offered in 10' (3.0 m) and 12' (3.7 m) model widths with 3/16" (5 mm) moldboard and 5/16" x 35" (0.8 cm x 89 cm) tall side panels. The models are equipped with AR400 skid shoes that are adjustable, reversible, and replaceable. The customer can choose between the optional 8" (20 cm) rubber snow blade or optional 1/2" x 6" (1.3 cm x 15 cm) steel blades. The rubber snow blade is designed to help eliminate pavement damage and damage to lot striping on most surfaces.

The customer may also choose to add the optional pull back feature on the SSP2510 model for removing snow close to garage doors. Orange markers are available on both models as an accessory to assist in locating the outer ends of the Snow Pusher.

See **"Specifications & Capacities"** on page 22 and **"Features & Benefits"** on page 23 for additional information and performance enhancing options.

Using This Manual

- This Operator's Manual is designed to help familiarize you with safety, assembly, operation, adjustments, troubleshooting, and maintenance. Read this manual and follow the recommendations to help ensure safe and efficient operation.
- The information contained within this manual was current at the time of printing. Some parts may change slightly to assure you of the best performance.
- To order a new Operator's or Parts Manual, contact your authorized dealer. Manuals can also be downloaded, free-of-charge, from our website at www.landpride.com

Terminology

"Right" or "Left" as used in this manual is determined by the direction the operator faces while sitting looking forward in the operator's seat unless otherwise stated.

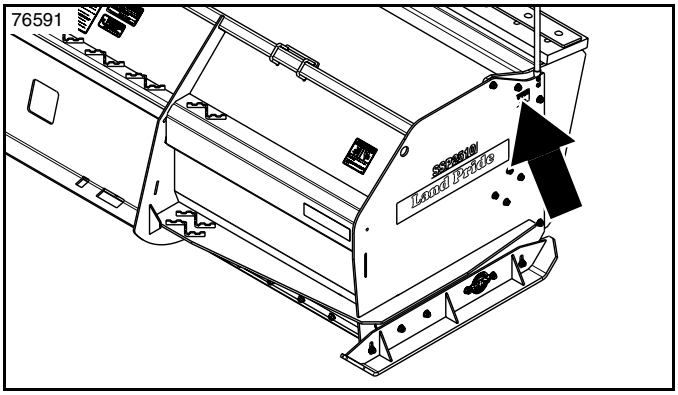
Owner Assistance

The dealer should complete the Online Warranty Registration at the time of purchase. This information is necessary to provide you with quality customer service.

The parts on your Snow Pusher have been specially designed by Land Pride and should only be replaced with genuine Land Pride parts. Contact a Land Pride dealer if customer service or repair parts are required. Your Land Pride dealer has trained personnel, repair parts, and equipment needed to service the implement.

Serial Number

For quick reference and prompt service, record model and serial number on the inside cover page and again on the warranty page. Always provide model number and serial number when ordering parts and in all correspondences with your Land Pride dealer. For location of your serial number plate, seeFigure 1.



Serial Number Plate Location
Figure 1

Further Assistance

Your dealer wants you to be satisfied with your new Snow Pusher. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss any problems you have with your attachment with your dealership service personnel so they can address the problem.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the question/problem, and request assistance.
3. For further assistance write to:

Land Pride Service Department
1525 East North Street
P.O. Box 5060
Salina, Ks. 67402-5060

E-mail address
lpservicedept@landpride.com

Skid Steer/Tractor Requirements

The Snow Pusher is designed to attach to skid steer loaders and tractor loaders equipped with a universal quick attach hitch with the following requirements:

Hitch type . . . . . Universal Quick Attach
Horsepower range: . . . . . .50-80 HP (37.3-59.7 kW)
Maximum tractor/skid steer weight: . . . . . 8,000 lbs. (3,629 kg)
Maximum tractor/skid steer lift capacity: . . . . . 5,000 lbs. (2,268 kg)

WARNING

To avoid serious injury or death:

- *Lightweight power machines may need weight added to the rear to maintain steering control and prevent forward tipping or side tipping caused by a heavy front load. Consult your power machine Operator's Manual to determine proper weight requirements and maximum weight limitations.*
- *Power machines outside the listed horsepower range must not be used. Higher horsepower machines can damage the attachment. Under horsepower machines makes the job more difficult and are easier to tip over when loader arms are raised due to high center of gravity.*

Torque Requirements

Refer to **"Torque Values Chart"** on page 24 to for correct torque values when tightening hardware.

Dealer Preparations

Ensure that the intended tractor/skid steer conforms to the requirements stated under the heading **"Skid Steer/ Tractor Requirements"** on this page.

Refer to Figure 1-1:

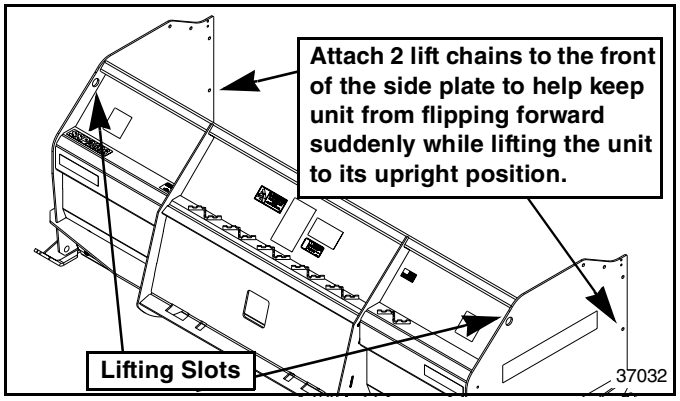
CAUTION

To avoid minor or moderate injury:

Keep clear. Snow Pusher can flip forward suddenly causing serious bodily injury while lifting unit from the crate.

1. The Snow Pusher is shipped on its back. Cut and remove shipping crate corner posts and top frame.
2. Using a hoist, fork lift, or other lifting device, attach lifting chains to the two lifting slots at the back and to the front of the two side plates.
3. Slowly lift unit until it has rotated upright.
4. Lower unit down slowly until resting on its skid shoes.

Accessories are easier to attach after hooking-up Snow Pusher to a tractor or skid steer. Refer to **"Hooking-Up The Snow Pusher"** on page 15 for detailed instructions.



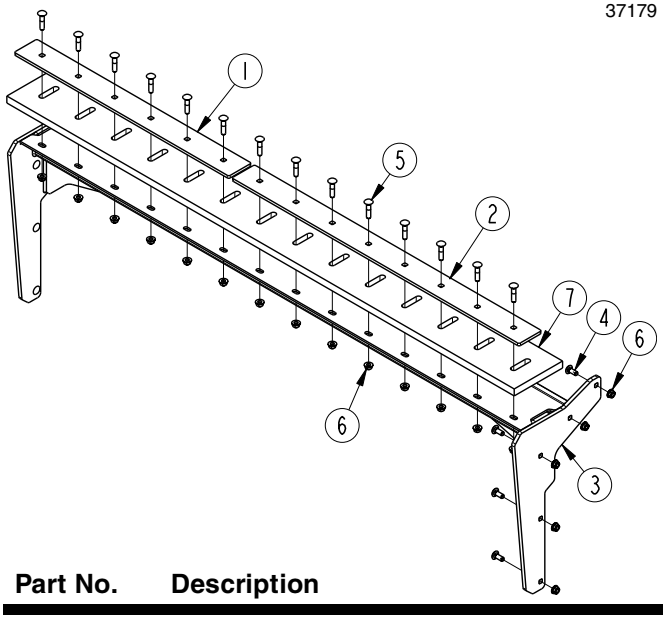
Removing Unit from Shipping Crate
Figure 1-1

Pull Back (Optional)

Refer to Figure 1-2:

Land Pride offers an optional pull back blade complete with mounting hardware for attaching to all models of the Snow Pusher except model SSP2512. This kit will allow operator to pull snow away from garage doors while backing up. See cover for mounting location of pull back.

NOTE: Rubber snow blade (#7) and retaining bars (#1 & #2) are shipped from the factory bolted to pull back frame (#3) with bolts (#5) and nuts (#6).



Part No.	Description
303-385A	SSP2510 PULL BACK

Pull Back Option
Figure 1-2

Pull Back Installation

Refer to Figure 1-2 on page 10:

CAUTION

To avoid minor or moderate injury:

- *Support pull back securely with a hoist or other lifting device until several bolts on each side has been inserted and secured with hex whiz nuts to keep unit from falling suddenly.*
- *Be careful not to pinch fingers, hands, or other body extremities between pull back and Snow Pusher as unit is rotated into final mounting position.*

1. With pull back supported with a hoist or other lifting device, attach short arms of pull back frame (#3) between Snow Pusher side panels as shown on the cover with one 1/2"-13 x 1 1/4" GR5 carriage bolt (#4) and hex whiz nut (#6) on each side panel.

CAUTION

To avoid minor or moderate injury:

Be careful not to pinch fingers, hands, or other body extremities between pull back and Snow Pusher as unit is rotated into final mounting position.

IMPORTANT: The long legs of the pull back may need pulled together to rotate pull back in between the Snow Pusher side panels.

2. Lower lifting device enough to roll pullback into position and install another carriage bolt (#4) and hex whiz nut (#6) in each side panel.
3. If desired, lifting device can now be removed.
4. Continue to attach pull back to the side panels with carriage bolts (#4) and hex whiz nuts (#6). When finished, tighten nuts (#6) to the correct torque.

Steel Blade (Optional)

Refer to Figure 1-3:

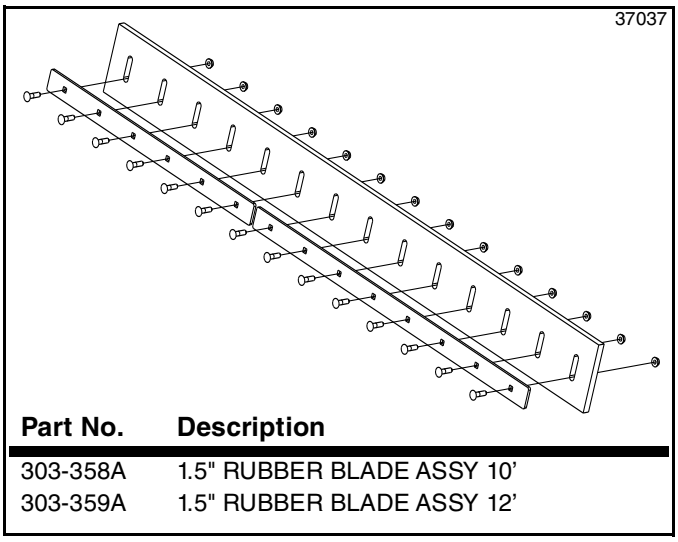
Land Pride offers optional steel blade kits complete with mounting hardware.

IMPORTANT: The steel blades are not designed to move soil, rock, and other compacted surfaces. They can cause structural damage to the terrain and Snow Pusher if not used with care.

Rubber Snow Blade (Optional)

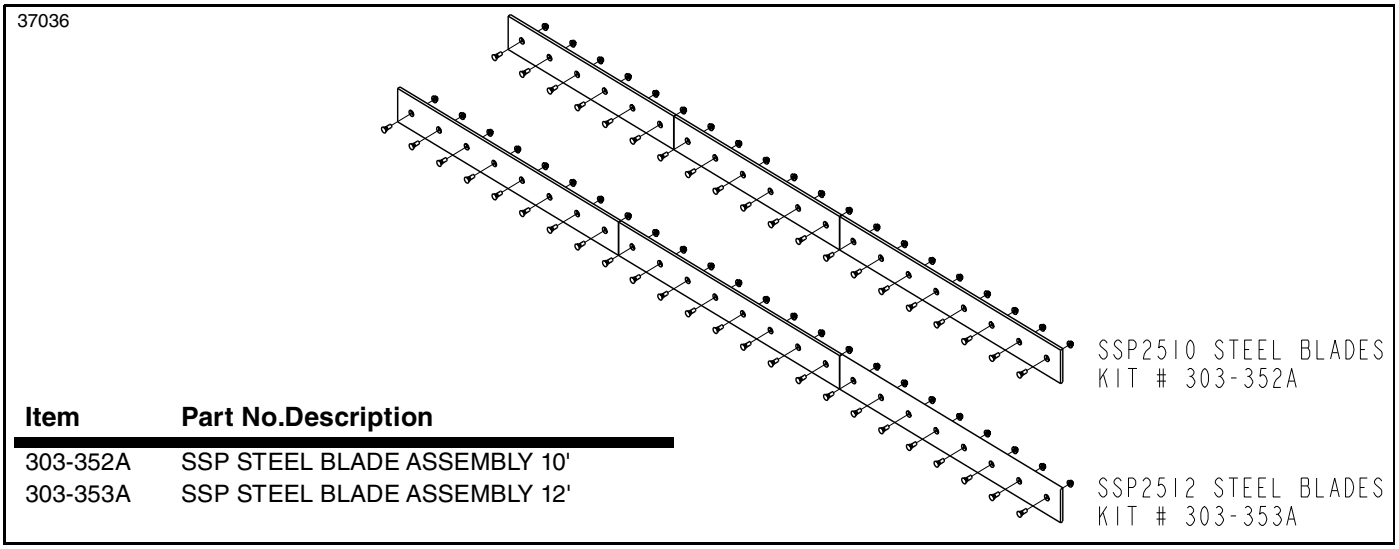
Refer to Figure 1-4:

Land Pride offers optional rubber snow blade kits complete with mounting hardware.



Part No.	Description
303-358A	1.5" RUBBER BLADE ASSY 10'
303-359A	1.5" RUBBER BLADE ASSY 12'

Snow Blade Option
Figure 1-4



Item	Part No.	Description
303-352A		SSP STEEL BLADE ASSEMBLY 10'
303-353A		SSP STEEL BLADE ASSEMBLY 12'

Steel Blade Option
Figure 1-3

Orange Marker Package (Accessory)

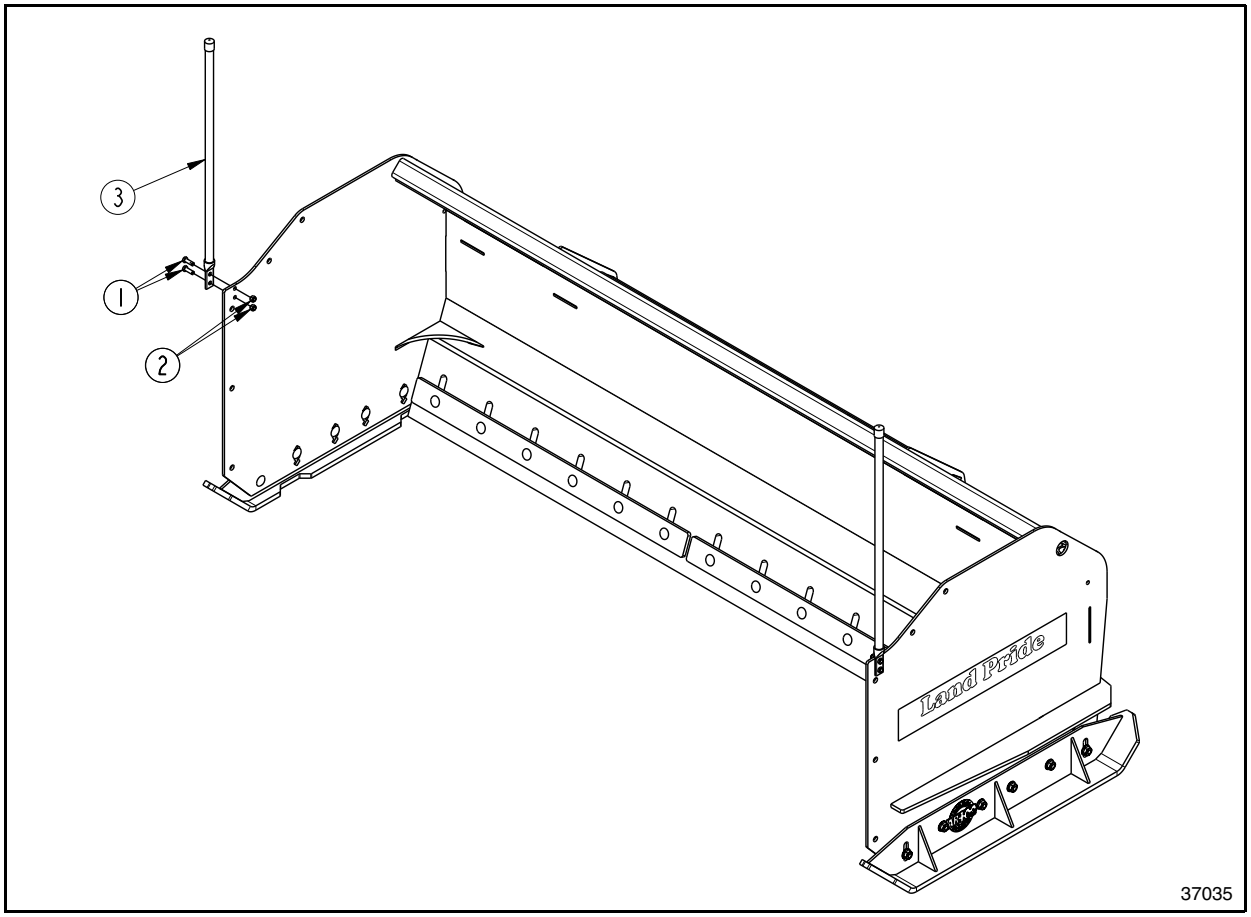
Part No. 323-026A

Refer to Figure 1-5:

Land Pride offers orange markers that can be bolted to the side panels. These assist in locating the outer ends of the Snow Pusher when approaching buildings, trees, poles, and other obstacles that could damage the unit, tractor/skid steer, and obstructions.

NOTE: Orange Marker Package cannot be used with Pull Back Option.

1. Attach orange marker (#3) to the right side of the Snow Pusher side panel with two 5/16"-18 x 1" GR5 hex head cap screws (#1) and hex nylock nuts (#2). Tighten nylock nuts to the correct torque.
2. Repeat step 1 for the left side.



Orange Marker Assembly
Figure 1-5

End Panel Braces (Optional)

Part No. 303-408A

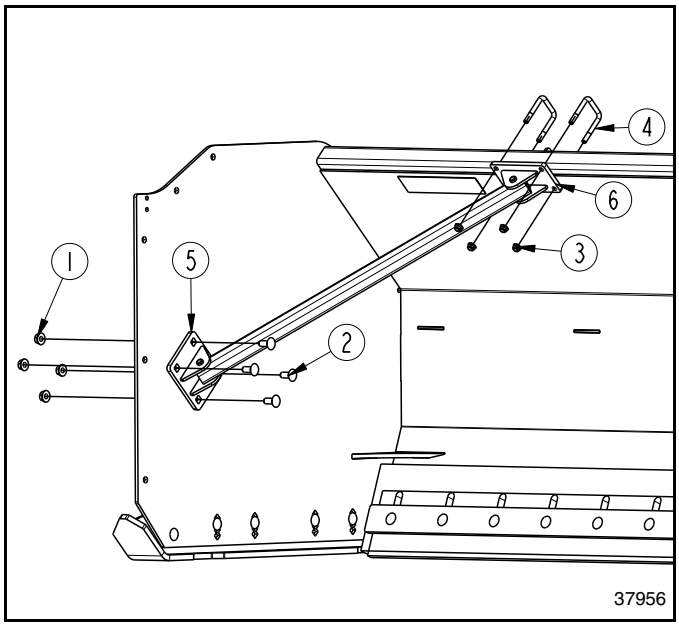
Refer to Figure 1-6:

Kubota offers optional end panel braces for the SSP2596 Snow Pusher that bolt on to the side panels and square tubing. These braces help add more rigidity when pushing large amounts of snow.

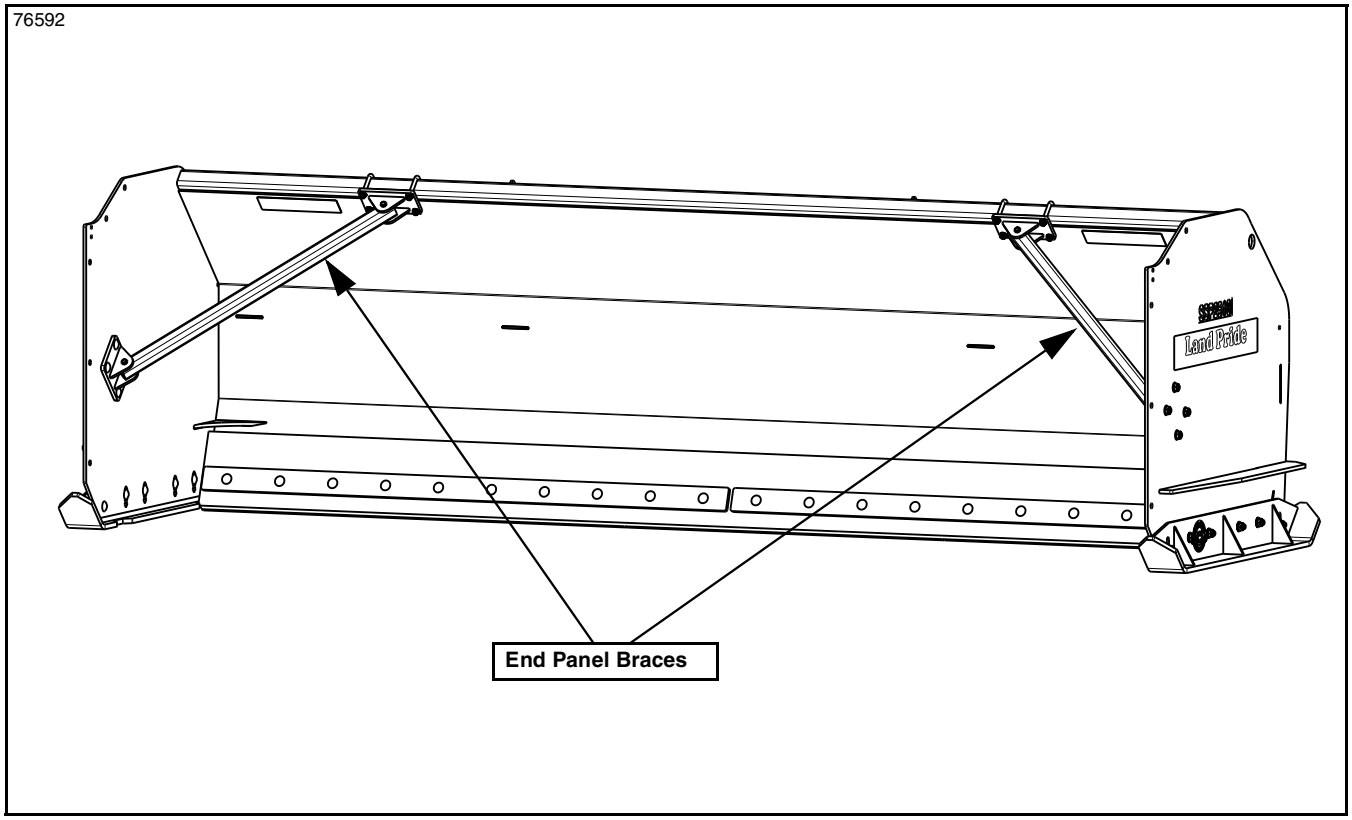
NOTE: Not recommended to be used with a pull back option.

Refer to Figure 1-7:

1. Attach the end panel support mount (#5) to the right side of the Snow Pusher side panel with four 1/2"-13 x 1 1/4" GR5 carriage bolts (#2) and four 1/2"-13 hex whiz nuts (#1). Tighten nuts to correct torque.
2. Attach end panel support mount (#6) to rear panel with two 3/8"-16 x 21/32" x 3 u-bolts (#4) and four 3/8-16 flanged locknuts (#3). Tighten nuts to correct torque.
3. Repeat steps 1 & 2 for left side.



End Panel Brace Mounting
Figure 1-7



End Panel Brace Assembly
Figure 1-6

Operator's Responsibilities

Hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training involved in the operation, transport, storage, and maintenance of the Snow Pusher. Therefore, it is absolutely essential that no one operates the Snow Pusher unless they have read, fully understood, and are totally familiar with the Operator's Manual. Make sure the operator has paid particular attention to:

Operating Checklist

	Check	Page
	Read and follow all safety rules carefully. Refer to "Important Safety Information."	1
	Read and follow hook-up instructions. Make sure locking pins are fully extended into the bottom slots and locking handles are locked down. Refer to "Hooking-Up The Snow Pusher".	15
	Read and follow all safety & operating instructions. Refer to "Section 2: Operating Procedures".	14
	Read and make all required adjustments. Be sure all bolts have been installed and are secured. Refer to "Section 3: Adjustments".	17
	Read and follow all Maintenance Instructions. Refer to "Section 4: Maintenance".	20
	Check Snow Pusher initially and periodically for loose bolts. Refer to "Torque Values Chart."	24

Safety Information

DANGER

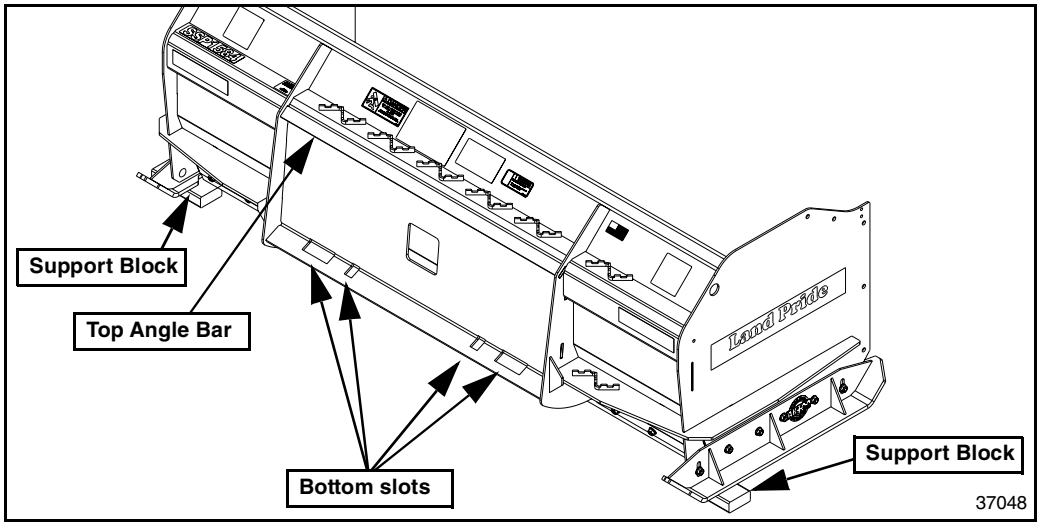
To avoid serious injury or death:

- *Do not go near or under raised loader arms without first securing loader arms in the raised position with an approved lift-arm support.*
- *Keep your head, arms, and legs inside the cab while operating the power machine. Any extremity extended outside the cab can be crushed by the loader arms and attachment.*
- *Never operate equipment from outside the cab.*
- *Use the skid steer's alternate emergency exit when exit passage through the front is blocked.*
- *Do not use hand or foot controls for handholds or steps. Using them for handholds or steps can activate the controls.*
- *Keep mud, snow, ice, and debris out of foot controls.*
- *If included, raise restraint bar and move controls until both are locked and interlock system is activated.*
- *Inspect interlock control system regularly and perform required maintenance to keep it operating properly.*
- *Never bypass or modify a safety device.*
- *Keep attachment and/or loader arms away from overhead electrical power lines. Place an orange warning sign under overhead lines indicating type of danger above.*
- *Do not allow bystanders to be near the attachment, loader arms, or power machine during operation. They can be hit by falling objects, entangled in the equipment, ran over, etc.*

WARNING

To avoid serious injury or death:

- *Allow only persons to operate this attachment who have fully read and comprehended this manual, and who have been properly trained in the safe operation of this attachment. Serious injury or death can result from failure to read, understand, and follow instructions provided in this manual.*
- *Never carry riders on the attachment or power machine. Riders can obstruct the operator's view, interfere with controls, be pinched by moving components, become entangled in rotating components, struck by objects, thrown about, fall off and be run over, etc.*
- *Operate only power machines equipped with a certified Roll-Over Protective Structure (ROPS) and seat belt. Keep folding ROPS in the "locked up" position when appropriate. If ROPS is in the locked up position, fasten seat belt snugly and securely to help protect against serious injury or death from falling and machine overturn.*
- *Avoid hitting solid objects with this attachment. Solid objects can damage equipment and throw operator forward causing loss of control, bodily injury, or death.*
- *Always shut power machine down following the "Shutdown Procedure" provided in this manual before leaving the operator's station.*
- *Use steps, grab-handles, and anti-slip surfaces on the power machine and attachment to get on and off the power machine. Using unapproved stepping surfaces and/or handholds can result in a falling hazard.*
- *Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.*
- *Do not use this attachment to lift, carry, push or tow other equipment or objects. It is not properly designed or guarded for this use. The operator could lose control resulting in equipment damage and/or tipping hazard.*
- *Do not use this attachment to pull and/or pry fence posts, stumps, roots, rocks, or other objects out of the ground. It is not properly designed or guarded for this use.*
- *Make sure safety labels are installed in their proper location and are in good condition before operating the attachment. Read and obey all instructions on the labels.*
- *Use Snow Pusher to move snow and loose materials only. Never use Snow Pusher to cut into soil, rock, or other compacted surfaces and never use it to push, pull, lift, tow, or carry solid objects such as fence posts, stumps, rocks, etc.*



Hook-Up to Universal Quick Attach Hitch
Figure 2-1

Power Machine Shutdown Procedure

The following are basic power machine shutdown procedures. Follow these procedures and any additional shutdown procedures provided in your power machine Operator's Manual before leaving the operator's seat.

1. Reduce engine speed and shut-off all power to the attachment.
2. Park on solid, level ground and lower attachment until it is flat on the ground or on non-concrete support blocks.

   Skid Steer and Track Loader

   a. Turn off engine. Do not remove ignition key at this time.

   b. Turn ignition key to the "RUN" position. Relieve all hydraulic pressure by moving both joysticks.

   c. Turn ignition key off and remove to prevent unauthorized starting.

   d. If included, raise seat bar and move controls until both lock.

   Tractor

   a. Put tractor in park or set park brake.

   b. Turn off engine, and remove ignition key to prevent unauthorized starting.

   c. Relieve all hydraulic pressures.
3. Wait for all components to come to a complete stop before leaving the operator's seat.
4. Use steps, grab-handles, and anti-slip surfaces when stepping on and off the power machine.

Hooking-Up The Snow Pusher

Refer to Figure 2-1:

⚠ DANGER

To avoid serious injury or death:

A crushing hazard exists when hooking-up and unhooking the attachment. Do not allow anyone to stand between attachment and power machine while approaching or backing away from the attachment. Do not operate hydraulic controls while someone is near the power machine and/or attachment.

⚠ WARNING

To avoid serious injury or death:

Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.

The Snow Pusher is designed to attach to skid steer loaders and tractor loaders equipped with a universal quick attach hitch.

1. Shutdown power machine properly. Refer to **"Power Machine Shutdown Procedure"** on this page.
2. Check for and remove any debris in the hitch point areas before hooking-up to the Snow Pusher.
3. If needed, pull locking handles up on universal quick attach hitch until locking pins are fully raised.
4. Return to the operator's seat. Start machine and tilt top of universal quick attach hitch slightly forward.
5. Slowly approach Snow Pusher, centering on its hitch plate. Make sure the loader universal quick attach hitch is parallel with top angle bar on Snow Pusher.
6. Place top of universal quick attach hitch under the Snow Pusher's top angled bar.
7. Slowly lift universal quick attach hitch up until quick attach hitch and top angle bar have come together.
8. Rotate top of universal quick attach hitch back to align bottom slots in the Snow Pusher hitch plate with locking pins on the universal quick attach hitch.

(Continue onto next page.)

9. Shut tractor or skid steer down properly.
10. Push lock handles on the universal quick attach hitch down until locking pins fully extend through bottom slots in the Snow Pusher hitch plate. Make sure locking handles are locked into position.

Unhook Snow Pusher

DANGER

To avoid serious injury or death:

The Snow Pusher is back heavy and can tip over backward once unhooked. Always unhook unit on level ground with support blocks under the skid shoes at the back to tip the unit forward. Never unhook unit with back of unit facing downhill.

Refer to Figure 2-1 on page 15:

1. Park tractor/skid steer and Snow Pusher on a flat, level, solid surface.
2. Lower Snow Pusher down until skid shoes are resting on support blocks at the back of the unit and on the ground at the front of the unit to make the unit tip forward.
3. Shut down tractor/skid steer properly before dismounting to pull lock handles. Refer to **"Power Machine Shutdown Procedure"** on page 15.
4. Pull lock handles up to remove pins from bottom slots in hitch plate.
5. Return to the tractor or skid steer seat. Start machine and tilt top of universal quick attach hitch slightly forward toward the Snow Pusher.
6. Slowly lower universal quick attach hitch until hitch and Snow Pusher's top angle bar have separated.
7. Back tractor or skid steer slowly away from the Snow Pusher while making sure the universal quick attach hitch does not interfere with the Snow Pusher.
8. Shut power machine down again to check overturn stability of the unhooked Snow Pusher. Make sure the unit will not tip over backwards easily. If needed, add bracing to keep unit from overturning.

Transporting

WARNING

To avoid serious injury or death:

When traveling on roadways, travel in such a way that other vehicles may pass you safely. Always use LED lights, clean reflectors, and a slow moving vehicle sign that is visible from the back to warn operators in other vehicles of your presence. Always comply with all federal, state, and local laws.

1. Select a safe ground travel speed when transporting from one area to another.
2. Transport with Snow Pusher low to the ground to maintain stability of the tractor/skid steer.
3. Reduce tractor/skid steer ground speed when turning; and leave enough clearance so the Snow Pusher does not contact obstacles such as buildings, trees, or fences.
4. Keep away from electrical power lines. Place an orange warning sign under overhead power lines indicating type of danger above.
5. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
6. When traveling over rough or hilly terrain, shift tractor/skid steer to a lower gear.

General Operating Instructions

Once you have familiarized yourself with the Operator's Manual, completed the operating checklist, and properly attached your Land Pride Snow Pusher to your power machine you are about ready to begin work. The Snow Pusher is ideal for pushing snow off parking lots or any other areas you want cleared of snow. They also can be used to help clear soft materials from areas such as feed lots, grain floors, etc.

Check out your work site for any obstructions that may cause damage to the Snow Pusher. Remove or flag obstructions before starting. Also, check skid shoe's to ensure they are carrying the blade at grade level or above small surface obstructions such as raised concrete surfaces at joint lines and other uneven surfaces.

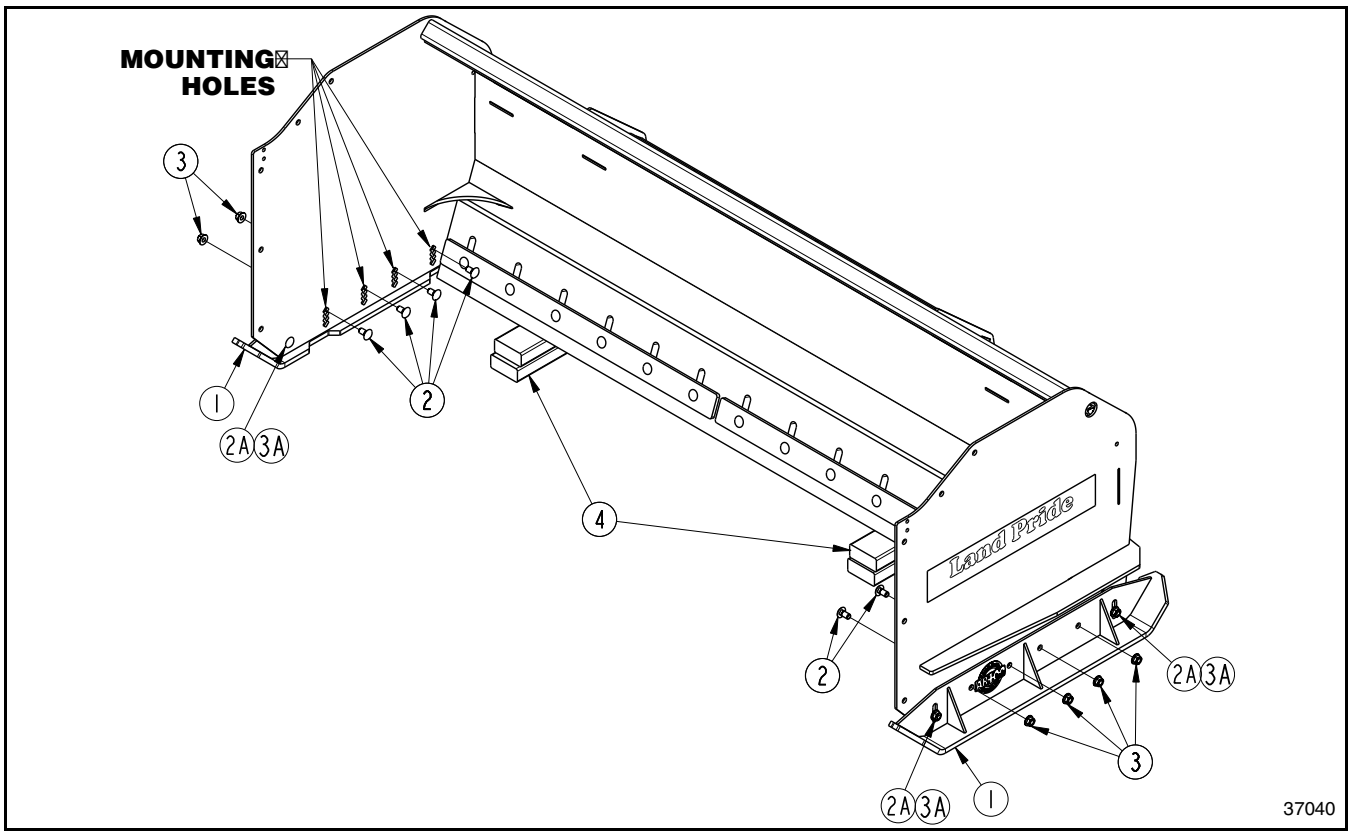
NOTE: Operate Snow Pusher with skid shoes making full contact with the ground from front to back. Don't apply a lot of down pressure on the skid shoes. If available, operate with float on.

The Snow Pusher's primary purpose is to move snow or other soft material and pile it up. This function is best done at an approximate 2 to 4 MPH (3 to 6 KPH) ground speed. Simply lower the Snow Pusher until it is resting on the skid shoes and proceed forward. The blade should immediately begin collecting snow or other soft material between the side panels and clearing an area in front of you. You can transfer this material by pushing it forward to a nearby location and then raising the Snow Pusher to deposit the load. As the discharge pile builds, you will want to tilt the top to the hitch back to push the product up and onto the pile.

If using the pull back option, extend the hitch tilt cylinders until the bottom edge of the pull back frame is parallel with the paved surface. Lower the Snow Pusher down to carry the pull back blade slightly above the snow. Slowly approach the snow close to a wall or garage door making sure you stop before getting too close. Lower the pull back down until its blade and frame are resting on the paved surface. Making sure no one is behind you, start backing up to pull snow away. Keep backing up until you have pulled the snow far enough to remove the pile by pushing the pile forward with the Snow Pusher.

Achieving the desired effect will require a little experimentation and experience for your given condition. With a little practice, you should become a very good operator consistently achieving the desired results you expect with your Land Pride Snow Pusher.

See **"Specifications & Capacities"** on page 22 and **"Features & Benefits"** on page 23 for additional information and performance enhancing options.



Skid Shoe Adjustments
Figure 3-1

Skid Shoe Adjustment

Refer to Figure 3-2 on page 18:

The Snow Pusher should be operated with skid shoes and blades set at the same height or with skid shoes set to carry the blade(s) off the ground.

Setting skid shoes and blade(s) at the same height is good for clearing snow and other loose materials close to the ground or paved surfaces. Adjusting skid shoes lower than the blades will carry the blade(s) above the ground which is good for pushing snow over gravel, concrete surfaces with uneven joints, and other uneven surfaces.

⚠ DANGER

To avoid serious injury or death:

- *Always secure equipment with solid, non-concrete supports before working under it. Never go under equipment supported by concrete blocks or hydraulics. Concrete can break, hydraulic lines can burst, and/or hydraulic controls can be actuated even when power to hydraulics is off.*
- *Make adjustments to the Snow Pusher with unit attached to the loader arms and properly blocked. The Snow Pusher is back heavy and can tip over backward if unhooked from the loader arms.*

NOTE: Mounting holes for adjusting the skid shoes are spaced vertically 1/2" (13 mm) apart.

Refer to Figure 3-1:

1. Park tractor/skid steer with Snow Pusher attached on level ground.
2. Lower Snow Pusher until blade(s) are resting 4" to 6" (10-15 cm) off the ground on support blocks (#4).
3. Shut down tractor/skid steer properly before dismounting to adjust skid shoes. Refer to **"Power Machine Shutdown Procedure"** on page 15.
4. On the left-hand side, remove hex whiz nuts (#3) and carriage bolts (#2).
5. Loosen outside hex whiz nuts (#3A).

Refer to Figure 3-2 on page 18:

6. Set skid shoes and blades as follows:

   Skid Shoes & Blades Set at the Same Height:
   Mount skid shoes (#1) in the third mounting holes down.

   Skid Shoes Set Lower than the Blades:
   Mount skid shoes (#1) in the fourth mounting holes down.

Refer to Figure 3-1:

7. Reinsert 1/2"-13 x 1" GR5 carriage bolts (#2) and secure with whiz nuts (#3). Tighten whiz nuts to the correct torque.
8. Tighten whiz nuts (#3A) to the correct torque.
9. Repeat steps 4-8 for the right-hand side.

Blade Adjustments

Preparation

DANGER

To avoid serious injury or death:

- *Always secure equipment with solid, non-concrete supports before working under it. Never go under equipment supported by concrete blocks or hydraulics. Concrete can break, hydraulic lines can burst, and/or hydraulic controls can be actuated even when power to hydraulics is off.*
- *Make adjustments to the Snow Pusher with unit attached to the loader arms and properly blocked. The Snow Pusher is back heavy and can tip over backward if unhooked from the loader arms.*

1. Park tractor/skid steer and Snow Pusher on level ground. Lower Snow Pusher until skid shoes are resting on 4" to 6" (10-15 cm) high support blocks to hold the snow blade off the ground.
2. Shut down tractor/skid steer properly before dismounting to adjust blade(s). Refer to **"Power Machine Shutdown Procedure"** on page 15.
3. Verify skid shoes are mounted in the 3rd hole down. If not, readjust skid shoes. Refer to **"Skid Shoe Adjustment"** on page 17 for detailed instructions.

New Rubber Snow Blade

Refer to Figure 3-2:

The new rubber snow blade (#4) should be adjusted down until the leading edge is even with bottom of skid shoes.

1. Complete **"Preparation"** above.
2. Loosen all hex whiz nuts (#3) and raise snow blade (#4) until leading edge of snow blade is even with bottom of skid shoe.
3. Tighten hex whiz nuts (#3).
4. Back drag unit 50 yards (45.7 m) on dry concrete to level trailing edge of snow blade with bottom of skid shoe.

Worn Rubber Snow Blade Adjustment

Refer to Figure 3-2:

A worn snow blade (#4) can be adjusted down until the leading edge is even with bottom of skid shoes.

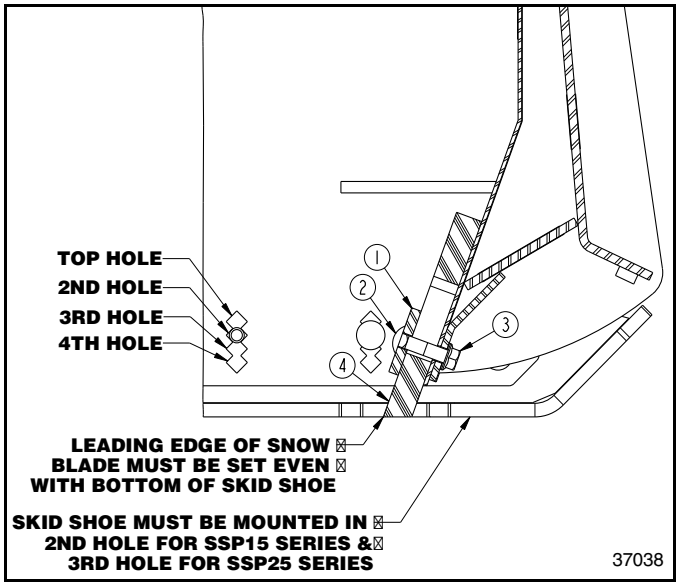
1. Complete **"Preparation"** above.
2. Loosen all hex whiz nuts (#3) and adjust snow blade (#4) down until leading edge of snow blade is even with bottom edge of skid shoe.
3. Tighten hex whiz nuts (#3).

Reverse Rubber Snow Blade

Refer to Figure 3-2:

The snow blade (#5) can be reversed (rotated upside down) and reused to extend its life. Replace rubber snow blade when both edges can no longer be adjusted down.

1. Complete **"Preparation"** on this page.
2. Remove hex whiz nuts (#3), carriage bolts (#2), blade support bars (#1), and snow blade (#4).
3. Rotate snow blade upside down and reattach with existing hardware. Do not tighten nuts at this time.
4. Raise snow blade (#4) until leading edge of snow blade is even with bottom of skid shoes. Tighten hex whiz nuts (#3).
5. Back drag unit 50 yards (45.7 m) on dry concrete to level trailing edge of snow blade with bottom of skid shoe.



Rubber Snow Blade Adjustment & Reversing
Figure 3-2

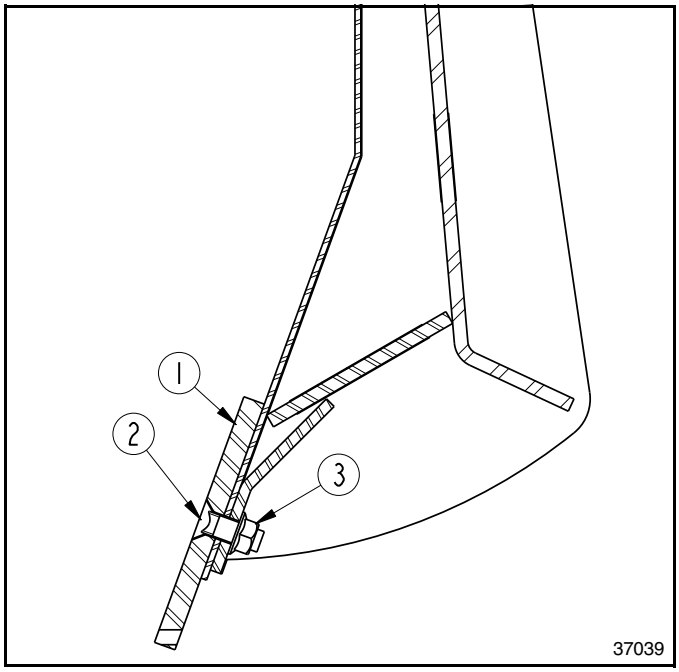
Reverse Steel Blades

Refer to Figure 3-3:

The steel blades can be reversed (rotated upside down) to extend their life. Replace steel blades when both edges are worn excessively.

IMPORTANT: Be careful of sharp edges while reversing the steel blades.

1. Complete **"Preparation"** on page 18.
2. Remove hex whiz nuts (#3), plow bolts (#2), and steel blades (#1).
3. Rotate steel blades upside down and reattach with existing 1/2"-13 x 1 1/2" GR5 plow bolts (#2), steel blades (#1), and hex whiz nuts (#3).
4. Tighten hex whiz nuts (#3) to the correct torque.



Reverse Steel Blades
Figure 3-3

Adjust Pull Back Rubber Blade

Refer to Figure 3-4:

The new pull back rubber blade should be adjusted to be even with bottom edge of pull back frame (#1).

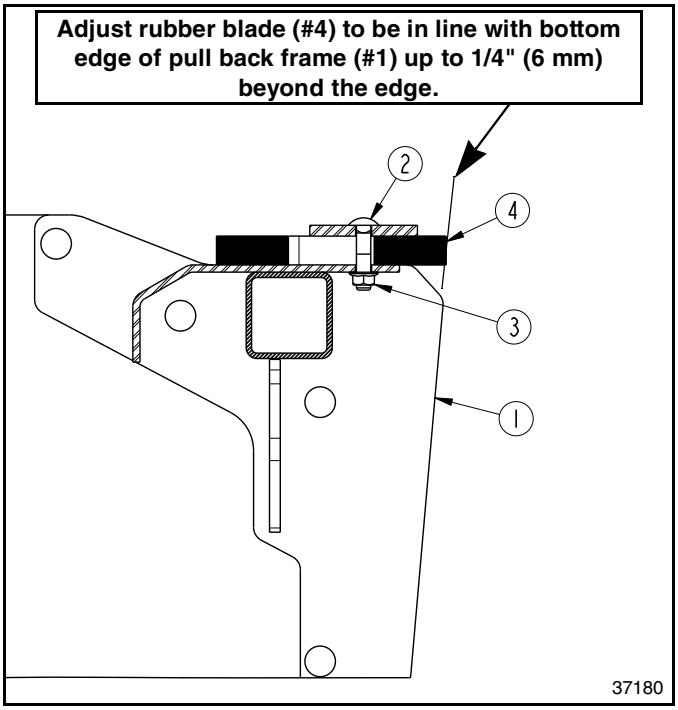
1. Complete **"Preparation"** on page 18.
2. Loosen all hex whiz nuts (#3) and adjust rubber blade (#4) until rubber blade is even with bottom edge of pull back frame (#1) up to 1/4" (6 mm) beyond the edge.
3. Tighten hex whiz nuts (#3).

Reverse Pull Back Rubber Blade

Refer to Figure 3-4:

The pull back rubber blade can be reversed (rotated upside down) to extend its life. Replace rubber blade when both edges can no longer be adjusted to be even with bottom edge of pull back frame (#1).

1. Remove hex whiz nuts (#3), carriage bolts (#2), and rubber blade (#4).
2. Rotate rubber blades upside down and reattach with existing 1/2"-13 x 1 1/2" GR5 carriage bolts (#2), rubber blade (#4), and hex whiz nuts (#3).
3. Tighten hex whiz nuts (#3) to the correct torque.



Pull Back Rubber Blade Adjustment & Reversing
Figure 3-4

Maintenance

Proper servicing and adjustment is the key to the long life of any implement. With careful inspection and routine maintenance, you can avoid costly downtime and repair.

Check all bolts after using the unit for several hours to be sure they are tight. Replace any worn, damaged, or illegible safety labels by obtaining new labels from your nearest Land Pride dealer.

The parts on your Snow Pusher have been specially designed and should only be replaced with genuine Land Pride parts. Do not alter the Snow Pusher in a way which will adversely affect its performance.

DANGER

To prevent serious injury or death:

- *Make sure controls are all in neutral position or park before starting the power machine.*
- *Perform maintenance on the Snow Pusher with unit attached to the loader arms and properly supported with blocks. The Snow Pusher is back heavy and can tip over backward if unhooked from the loader arms.*
- *Always secure equipment with solid, non-concrete supports before working under it. Never go under equipment supported by concrete blocks or hydraulics. Concrete can break, hydraulic lines can burst, and/or hydraulic controls can be actuated even when power to hydraulics is off.*
- *Do not go near or under raised lift arms unless an approved lift-arm support is available and is used to secure the lift arms in the raised position.*

WARNING

To prevent serious injury or death:

- *Perform scheduled maintenance. Check for loose hardware, missing parts, broken parts, structural cracks, and excessive wear. Make repairs before putting the implement back into service.*
- *Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.*
- *Keep all steps, grab bars, pedals, and controls free of dirt, grease, debris, and oil.*
- *Do not alter attachment or replace parts on the attachment with other brands. Other brands may not fit properly or meet OEM specifications. They can weaken the integrity and impair the safety, function, performance, and life of the attachment. Replace parts only with genuine OEM parts.*

Skid Shoes

Refer to Figure 3-1 on page 17:

Skid shoes are reversible to extend their life. The shoes are 1/2" (13 mm) thick when new and should be reversed when approximately 5/16" (8 mm) thick. Replace skid shoes before the shoes are worn through.

IMPORTANT: Do not unhook Snow Pusher from the loader arms to make adjustments. Unhooking it can allow the unit to tip over while making adjustments.

1. Park tractor/skid steer and Snow Pusher on level ground.
2. Lower Snow Pusher until snow blade or alternate steel blades are resting on 4" to 6" (10-15 cm) high support blocks (#4) to hold the skid shoes off the ground.
3. Shut down tractor/skid steer properly before dismounting to adjust skid shoes. Refer to **"Power Machine Shutdown Procedure"** on page 15.
4. On the left-hand side, remove hex whiz nuts (#3 & #3A), carriage bolts (#2 & #2A), and skid shoe (#1).
5. Repeat step 4 for the right-hand side.
6. **Reverse Skid Shoes:** Attach left-hand skid shoe on the right-hand side and right-hand skid shoe on the left-hand side with existing 1/2"-13 x 1" GR5 carriage bolts (#2 & #2A) and hex whiz nuts (#3 & #3A). Tighten hex whiz nuts to the correct torque.
7. **Replace Skid Shoes:** Attach new skid shoes to the left and right-hand sides with existing 1/2"-13 x 1" GR5 carriage bolts (#2 & #2A) and hex whiz nuts (#3 & #3A). Tighten hex whiz nuts to the correct torque.

Blades

The optional rubber snow blades, steel blades, and pull back rubber blades can be rotated upside down and reused to extend their life. Replace blade(s) when both edges can no longer be adjusted down. For detailed instructions, see **"Reverse Rubber Snow Blade"** on page 18, **"Reverse Steel Blades"** on page 19, and **"Reverse Pull Back Rubber Blade"** on page 19.

Long-Term Storage

Clean, inspect, service, and make necessary repairs to the implement when storing it for long periods and at the end of the season. This will help to ensure the unit is ready for field use the next time you hook-up to it.

1. Clean off any dirt that may have accumulated on the Snow Pusher. Scrape off compacted dirt and then wash surfaces thoroughly with a garden hose.
2. Inspect Snow Pusher for loose, damaged, or worn parts. Adjust and tighten loose parts. When needed, replace parts with genuine Land Parts only.
3. Repaint parts where paint is worn or scratched to prevent rust. Ask your Kubota dealer for touch-up paint. Paint is available in aerosol can, quarts, and gallon sizes. See chart below.

Touch-Up Paint

Part No.	Part Description
821-070C	GLOSS BLACK ENAMEL SPRAY CAN
821-070CTU	GLOSS BLACK ENAMEL BOTTLE & BRUSH
821-070CQT	GLOSS BLACK ENAMEL QUART
821-070CGL	GLOSS BLACK ENAMEL GALLON

4. A light coating of oil or grease may be applied to the lower wear areas in lieu of paint to minimize oxidation.
5. Replace all damaged or missing decals.
6. Store Snow Pusher on a level surface in a clean, dry place. Inside storage will reduce maintenance and make for a longer Snow Pusher life.

SSP25 Series

Specifications & Capacities			
		SSP2510	**SSP2512**
Working width	ft (m)	10 (3.0)	12 (3.7)
Capacity (Approximate)	ft^3 (m^3)	80 (2.27)	96 (2.72)
Weight with rubber Blade	lbs (kg)	954 (432.7)	1064 (482.6)
Horsepower range	hp (Kw)	50-80 (37.3 - 59.7)	
Lift capacity of carrier	lbs (kg)	5,000 (2,268) Maximum	
Operating weight of carrier	lbs (kg)	8,000 (3,629) Maximum	
Hitch type		Universal Quick Attach Hitch	
Non-slip steps		Serrated steps mounted on hitch	
Skid Shoes	in (cm)	AR400 1/2 x 4 (1.3 x 10) Reversible & replaceable	
Moldboard thickness	in (mm)	3/16 (5)	
Side panel thickness	in (mm)	5/16 (8)	
Snow blades (Optional)	in (cm)	1 1/2 x 8 (3.8 x 20.3) Rubber with adjusting slots Reversible and replaceable blade	
Steel blades (Optional)	in (cm)	1/2 x 6 (1.3 x 152) Reversible and replaceable blades	
Pull Back (Optional)	in (cm)	1 1/2 x 8 (3.8 x 20.3) Rubber blade with adjusting slots. Blade is reversible & replaceable	Not Available
Orange marker (Accessory)	in (cm)	28 (71.1) Tall, bolts to the side panels	

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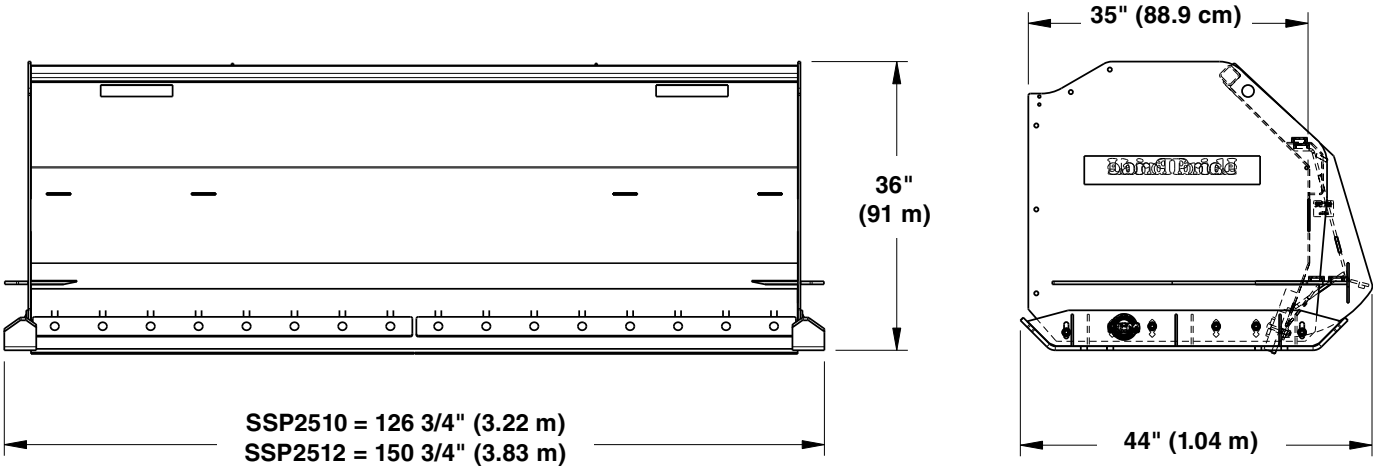

SSP25 Series

Features	Benefits
Universal quick attach hitch	Quick and easy to hook-up. Fits skid steers and tractor loaders with a universal quick attach hitch.
Hitch frame is angled forward	Allows operator to rotate front of Snow Pusher higher for pushing snow up a snow pile. Can build higher snow piles with this design.
1/4" & 5/16" Heavy side panels	Built heavy to handle the tough jobs.
Low profile exterior bracing on side panels and back	Reduces snow build-up on the moldboard and side panels. Reinforces side panels and back for a stronger unit.
1/4" Backing bar at blade mount	Makes for a strong moldboard.
Skid shoes are constructed of AR400 steel	Gives a greater wear life.
Z shaped steps	Allows snow to fall out of steps and helps prevent ice to build up.
Two year warranty	Built to last.
Reversible skid shoes	Skid shoes wear faster at the leading edge. Skid shoes that can be reversed will last longer than non-reversible skid shoes.
Replaceable skid shoes	Protects the side panels from wear.
Adjustable rubber snow blade	The blade can be adjusted down as it wears to extend its life.
Reversible rubber and steel blades	The blades can be reversed to extend their life.
Pull back with rubber blade	Used to pull snow away from garage doors.

Torque Values Chart for Common Bolt Sizes

Bolt Size (inches)	Bolt Head Identification Grade 2		Grade 5		Grade 8	
in-tpi [1]	N · m [2]	ft-lb [3]	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12
1/4" - 28	8.5	6	13	10	18	14
5/16" - 18	15	11	24	17	33	25
5/16" - 24	17	13	26	19	37	27
3/8" - 16	27	20	42	31	59	44
3/8" - 24	31	22	47	35	67	49
7/16" - 14	43	32	67	49	95	70
7/16" - 20	49	36	75	55	105	78
1/2" - 13	66	49	105	76	145	105
1/2" - 20	75	55	115	85	165	120
9/16" - 12	95	70	150	110	210	155
9/16" - 18	105	79	165	120	235	170
5/8" - 11	130	97	205	150	285	210
5/8" - 18	150	110	230	170	325	240
3/4" - 10	235	170	360	265	510	375
3/4" - 16	260	190	405	295	570	420
7/8" - 9	225	165	585	430	820	605
7/8" - 14	250	185	640	475	905	670
1" - 8	340	250	875	645	1230	910
1" - 12	370	275	955	705	1350	995
1-1/8" - 7	480	355	1080	795	1750	1290
1-1/8" - 12	540	395	1210	890	1960	1440
1-1/4" - 7	680	500	1520	1120	2460	1820
1-1/4" - 12	750	555	1680	1240	2730	2010
1-3/8" - 6	890	655	1990	1470	3230	2380
1-3/8" - 12	1010	745	2270	1670	3680	2710
1-1/2" - 6	1180	870	2640	1950	4290	3160
1-1/2" - 12	1330	980	2970	2190	4820	3560

Bolt Size (Metric)	Bolt Head Identification 5.8 Class 5.8		8.8 Class 8.8		10.9 Class 10.9	
mm x pitch [4]	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
M 5 X 0.8	4	3	6	5	9	7
M 6 X 1	7	5	11	8	15	11
M 8 X 1.25	17	12	26	19	36	27
M 8 X 1	18	13	28	21	39	29
M10 X 1.5	33	24	52	39	72	53
M10 X 0.75	39	29	61	45	85	62
M12 X 1.75	58	42	91	67	125	93
M12 X 1.5	60	44	95	70	130	97
M12 X 1	90	66	105	77	145	105
M14 X 2	92	68	145	105	200	150
M14 X 1.5	99	73	155	115	215	160
M16 X 2	145	105	225	165	315	230
M16 X 1.5	155	115	240	180	335	245
M18 X 2.5	195	145	310	230	405	300
M18 X 1.5	220	165	350	260	485	355
M20 X 2.5	280	205	440	325	610	450
M20 X 1.5	310	230	650	480	900	665
M24 X 3	480	355	760	560	1050	780
M24 X 2	525	390	830	610	1150	845
M30 X 3.5	960	705	1510	1120	2100	1550
M30 X 2	1060	785	1680	1240	2320	1710
M36 X 3.5	1730	1270	2650	1950	3660	2700
M36 X 2	1880	1380	2960	2190	4100	3220

[1] in-tpi = nominal thread diameter in inches-threads per inch

[2] N· m = newton-meters

[3] ft-lb= foot pounds

[4] mm x pitch = nominal thread diameter in millimeters x thread pitch

Torque tolerance + 0%, -15% of torquing values. Unless otherwise specified use torque values listed above.

All locknuts or lubricated fasteners: Use 75% of torque value. (i.e. 1/2"-13 GR5 = 76 ft-lb; 75% of 76 or .75 x 76 = 57 ft-lb)

Warranty

Land Pride warrants to the original purchaser that this Land Pride product will be free from defects in material and workmanship beginning on the date of purchase by the end user according to the following schedule when used as intended and under normal service and conditions for personal use.

Overall Unit: One year Parts and Labor

Blades and Skid Shoes: Considered wear items.

This Warranty is limited to the repair or replacement of any defective part by Land Pride and the installation by the dealer of any such replacement part, and does not cover common wear items such as blades, belts, tines, etc. Land Pride reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This Warranty does not apply to any part or product which in Land Pride's judgment shall have been misused or damaged by accident or lack of normal maintenance or care, or which has been repaired or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed. Misuse also specifically includes failure to properly maintain oil levels, grease points, and driveline shafts.

Claims under this Warranty should be made to the dealer which originally sold the product and all warranty adjustments must be made through an authorized Land Pride dealer. Land Pride reserves the right to make changes in materials or design of the product at any time without notice.

This Warranty shall not be interpreted to render Land Pride liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, Land Pride shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

No other warranty of any kind whatsoever, express or implied, is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale.

This Warranty is not valid unless registered with Land Pride within 30 days from the date of purchase.

IMPORTANT: The Online Warranty Registration should be completed by the dealer at the time of purchase. This information is necessary to provide you with quality customer service.

Model Number _____ **Serial Number** _____

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