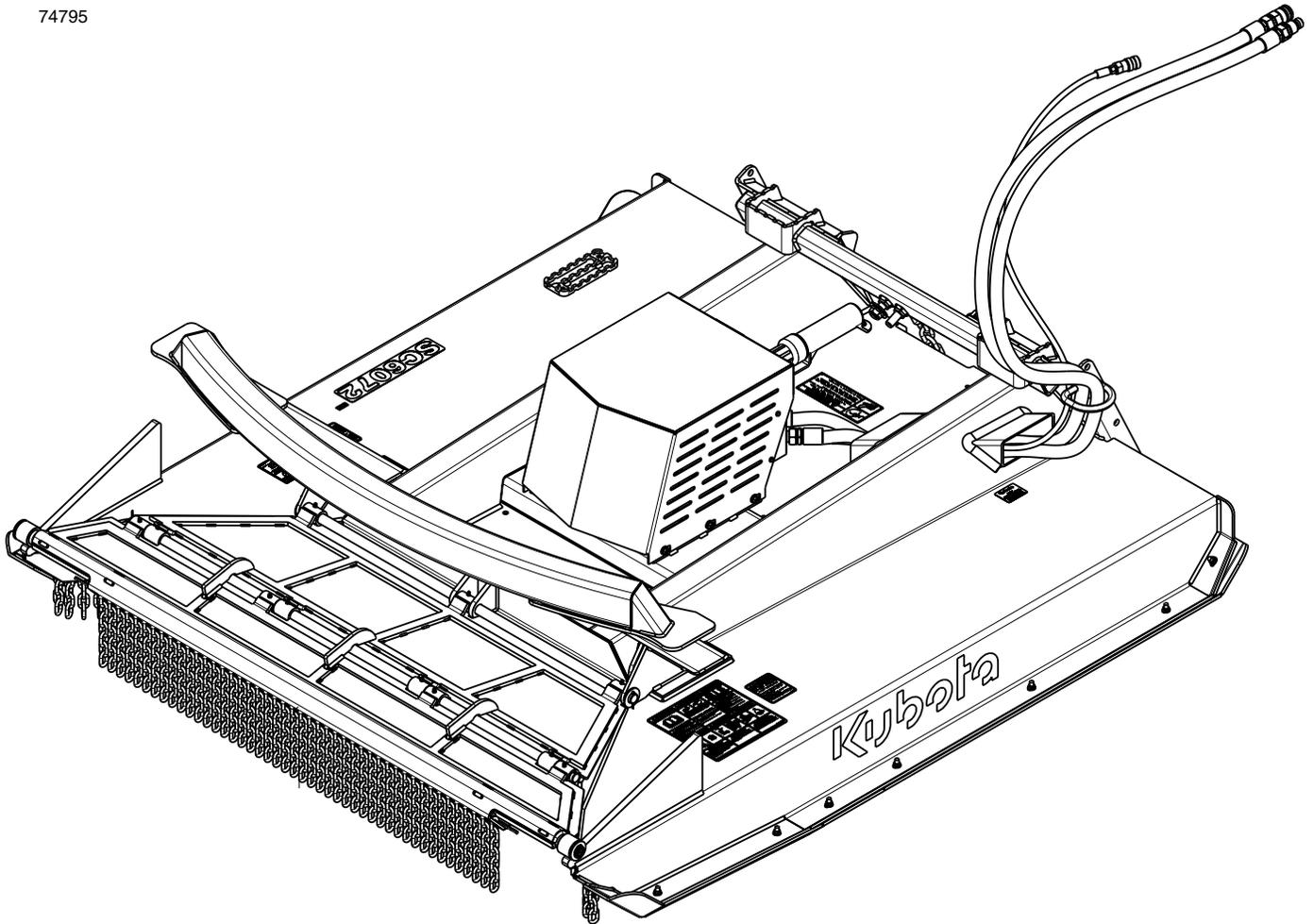


# Skid Cutter

AP-SC6072

74795



## 327-321MK 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 Kubota dealer.*

# Kubota®

## 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.

<b>Model Number</b>	
<b>Serial Number</b>	
<b>Machine Height</b>	
<b>Machine Length</b>	
<b>Machine Width</b>	
<b>Machine Weight</b>	
<b>Delivery Date</b>	
<b>First Operation</b>	
<b>Accessories</b>	<hr/> <hr/> <hr/>

## Dealer Contact Information

**Name:** \_\_\_\_\_

**Street:** \_\_\_\_\_

**City/State:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

### California Proposition 65

 **WARNING:** Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phthalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in a well-ventilated area, wear gloves, and wash your hands. For more information see [www.P65Warnings.ca.gov/motor-vehicle-parts](http://www.P65Warnings.ca.gov/motor-vehicle-parts).

<b>Important Safety Information</b> . . . . .	<b>1</b>	<b>Section 4: Options &amp; Accessories</b> . . . . .	<b>23</b>
Safety at All Times . . . . .	1	Pressure Gauge Bundle (Option) . . . . .	23
Look for the Safety Alert Symbol . . . . .	1	Polycarbonate Protective Door (Option) . . . . .	23
Safety Labels . . . . .	6	Height Adjustment Safety Chain (Accessory) . . . . .	23
<b>Introduction</b> . . . . .	<b>10</b>	Intell-Attach System™ . . . . .	24
Application . . . . .	10	Receiver/Cover Assembly . . . . .	24
Patented . . . . .	10	Tag/Bracket Assembly . . . . .	24
Using This Manual . . . . .	10	<b>Section 5: Maintenance &amp; Lubrication</b> . . . . .	<b>25</b>
Terminology . . . . .	10	Maintenance . . . . .	25
Owner Assistance . . . . .	10	Hydraulic Maintenance . . . . .	25
Serial Number . . . . .	10	Cutter Blade Maintenance . . . . .	25
Further Assistance . . . . .	10	Carbide Teeth Maintenance . . . . .	26
<b>Section 1: Assembly &amp; Set-up</b> . . . . .	<b>11</b>	Skid Shoe Maintenance . . . . .	27
Skid Steer/Track Loader Requirements . . . . .	11	Long-Term Storage . . . . .	28
Dealer Preparations . . . . .	11	Lubrication Points . . . . .	29
Uncrating . . . . .	11	Bi-Fold Door . . . . .	29
Torque Requirements . . . . .	11	Gearbox . . . . .	29
Hitch Hook-Up . . . . .	12	<b>Section 6: Specifications &amp; Capacities</b> . . . . .	<b>30</b>
Height Adjustment Safety Chain . . . . .	13	<b>Section 7: Features &amp; Benefits</b> . . . . .	<b>32</b>
Hydraulic Hose Hook-Up . . . . .	14	<b>Section 8: Troubleshooting</b> . . . . .	<b>33</b>
Protective Door Assembly (Optional) . . . . .	14	<b>Section 9: Torque Values Chart</b> . . . . .	<b>34</b>
Pressure Gauge Assembly (Optional) . . . . .	15	<b>Section 10: Legal Disclaimer &amp; Warranty</b> . . . . .	<b>35</b>
<b>Section 2: Adjustments</b> . . . . .	<b>16</b>		
Equipment Clearances . . . . .	16		
<b>Section 3: Operating Procedures</b> . . . . .	<b>17</b>		
Operating Checklist . . . . .	17		
Safety Information . . . . .	17		
Skid Steer Shutdown Procedures . . . . .	18		
Transporting . . . . .	18		
Cutting Instructions . . . . .	19		
General Operating Instructions . . . . .	21		
Skid Steer Operating Instructions . . . . .	21		
Skid Cutter Operating Instructions . . . . .	21		

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Printed in the United States of America.

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. Scan the QR code and take a picture.



***Dealer QR Locator***

The QR code on the left will link you to available dealers for Kubota 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 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 your ability to safely and properly operate the equipment.
- ▲ Operator should be familiar with all functions of the skid steer / track loader 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 skid steer or track loader from the driver's seat with steering levers and hydraulic controls in neutral.
- ▲ Operate skid steer or track loader and controls from the driver's seat only.
- ▲ Never dismount from a moving skid steer / track loader or leave the machine unattended with the engine running.
- ▲ Do not allow anyone to stand between the attachment and skid steer or track loader while connecting to the attachment.
- ▲ Keep hands, feet, and clothing away from power-driven parts.
- ▲ While transporting and operating equipment, watch out for objects overhead and along the sides such as fences, trees, buildings, wires, etc.
- ▲ Store attachment in an 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.

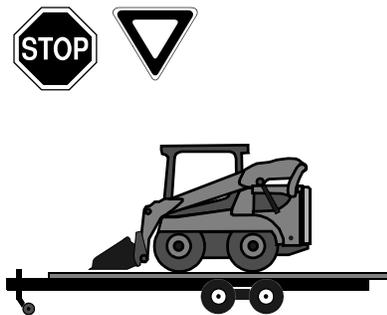
### Dig Safe - Avoid Underground Utilities

- ▲ USA: Call 811  
CAN:  
<http://www.clickbeforeyoudig.com>
- ▲ 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.



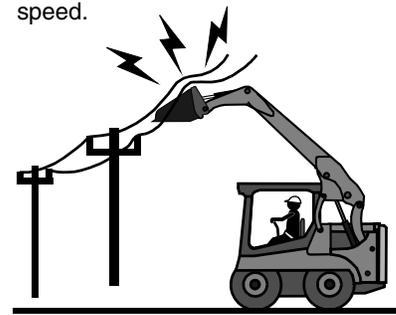
### Towing Safely

- ▲ Comply with federal, state, and local laws.
- ▲ Use towing vehicle and trailer of adequate size and capacity. Secure equipment towed on a trailer with chocks, tie downs, and chains.
- ▲ **IMPORTANT:** Do not tow a load that is more than double the weight of the vehicle towing the load.
- ▲ Sudden braking can cause a towed trailer to swerve unexpectedly. Reduce speed if trailer is not equipped with brakes.



### Transport Safely

- ▲ Comply with federal, state, and local laws.
- ▲ Avoid contact with any overhead utility lines or electrically charged conductors.
- ▲ Always drive with attachment on the end of the loader arms low to the ground.
- ▲ Follow recommendations in the power machine Operator's Manual when driving uphill or downhill and when parking on an incline.
- ▲ Never travel at a speed which does not allow adequate control of the load, steering, and stopping. Some rough terrains require a slower speed.



### 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 Kubota 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 of.
- ▲ Remove all tools and unused parts from the equipment before operation.



These 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 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 cardboard or wood, 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.
- ▲ Flashing warning lights and turn signals are recommended whenever driving on public roads.
- ▲ For tractors and other agriculture equipment, a Slow Moving Vehicle (SMV) sign is required when traveling 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 the operator against serious injury or death from falling and/or 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.

Listed below 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.

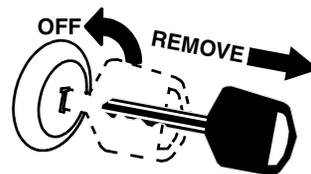
### Handle Chemicals Properly

- ▲ 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 / Track Loader 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 using the power-off switch or turn ignition key to stop. Do not remove key at this time.
- ▲ Relieve all hydraulic pressures.
  - If using a power-off switch, follow your machine Operator's Manual for instructions on how to release hydraulic pressure in the lines.
  - If using an ignition key, turn key to "RUN" and move joysticks to release hydraulic pressure in the lines. Finish by turning ignition key to off and removing it to prevent unauthorized starting.
- ▲ 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 or track loader.



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Important Safety Information

Safety Labels

Your Skid Cutter comes equipped with all safety labels in place. They are designed to help you safely operate your attachment. 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 Kubota dealer. To find your nearest dealer, visit our dealer locator at [www.landpride.com](http://www.landpride.com).
3. Some new equipment installed during repair requires safety labels to be affixed to the replaced component as

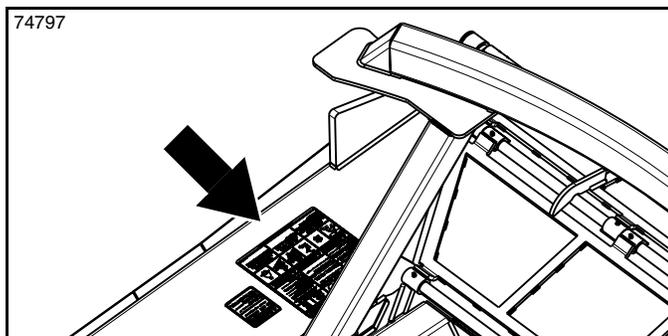
specified by Kubota. When ordering new components make sure the correct safety labels are included in the request.

4. Refer to this section for proper label placement. To install new labels:
  - a. Clean surface area where label is to be placed.
  - b. Spray soapy water onto the cleaned area.
  - c. Peel backing from label and press label firmly onto the surface.
  - d. Squeeze out air bubbles with edge of a credit card or a similar type of straight edge.

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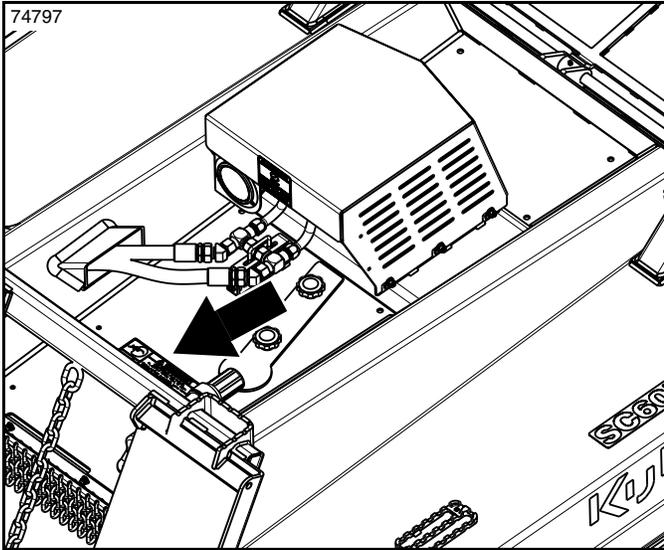
<b>WARNING</b>		<b>WARNING</b>		<b>DANGER</b>	
<p>To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>Do not operate or work on this machine without reading and understanding the Operator's Manual.</li> <li>Avoid unsafe operation or maintenance.</li> <li>Transport with clean reflectors, SMV, and lights as required by federal, state, and local laws.</li> <li>If manual is lost, contact your nearest dealer for a new manual.</li> </ul>		<p><b>HIGH PRESSURE FLUID HAZARD</b> To prevent Serious Injury or Death:</p> <ul style="list-style-type: none"> <li>Relieve pressure on system before repairing, adjusting, or disconnecting.</li> <li>Wear proper hand and eye protection when searching for leaks. Use wood or cardboard instead of hands.</li> <li>Keep all components in good repair.</li> </ul>		<p><b>THROWN OBJECT AND ROTATING BLADE HAZARD</b> To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>Do not operate unless all guards are installed and in good condition.</li> <li>Inspect and clear debris from mowing area prior to mowing.</li> <li>Do not operate with bystanders in or around mowing area.</li> <li>Do not place hands or feet under deck when operating or when engine is running.</li> <li>Do NOT dismount until blades come to a complete stop.</li> </ul>	
<b>WARNING</b>		<b>WARNING</b>		<b>WARNING</b>	
<p><b>CRUSHING HAZARD</b> Before performing maintenance on machine and to prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>Read and understand operator's manual.</li> <li>Stop engine, set brake, and wait for all moving parts to stop before dismounting.</li> <li>Support cutter securely before working beneath.</li> </ul>		<p><b>RUN OVER HAZARD</b> To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>Always use seat belt when operating.</li> <li>Never allow riders on propelling machine or attachment.</li> </ul>		<p><b>ROLLOVER HAZARD</b> To prevent serious injury or death:</p> <ul style="list-style-type: none"> <li>Always use seat belt when operating.</li> <li>Only operate on propelling machine with a rollover protective structure (ROPS).</li> <li>Use caution when mowing along inclines.</li> </ul>	

844-191C REV.A



844-191C

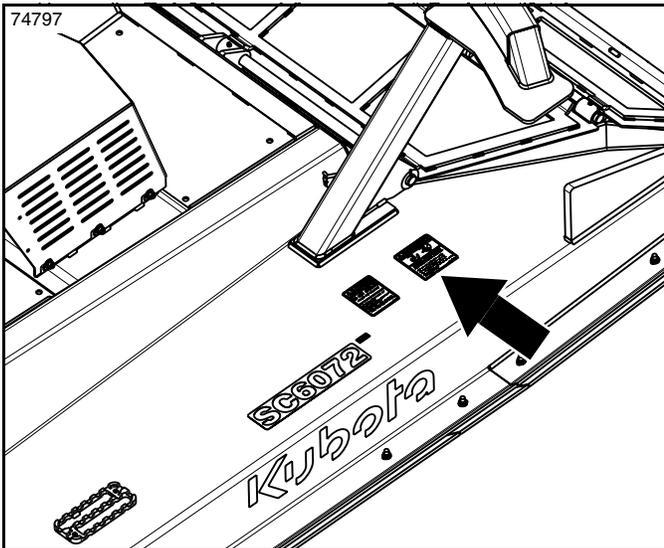
Danger/Warning Safety Combo: List of Safety Hazards  
1 Place



70659

**818-831C**

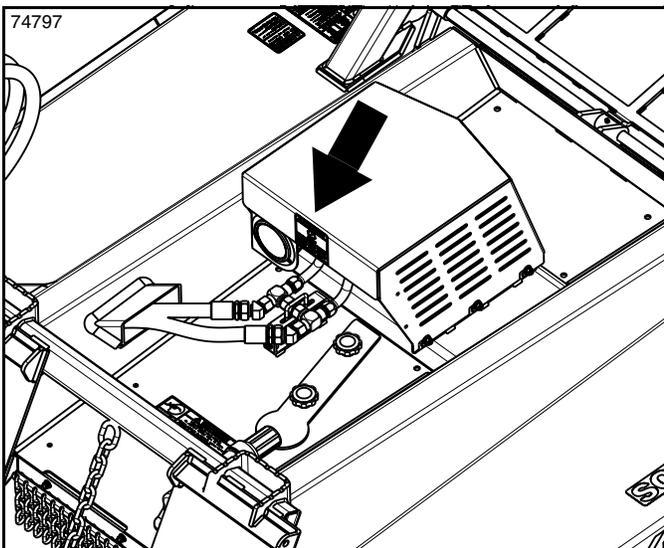
Warning: High Pressure Fluid Hazard  
1 Place



70266

**818-555C**

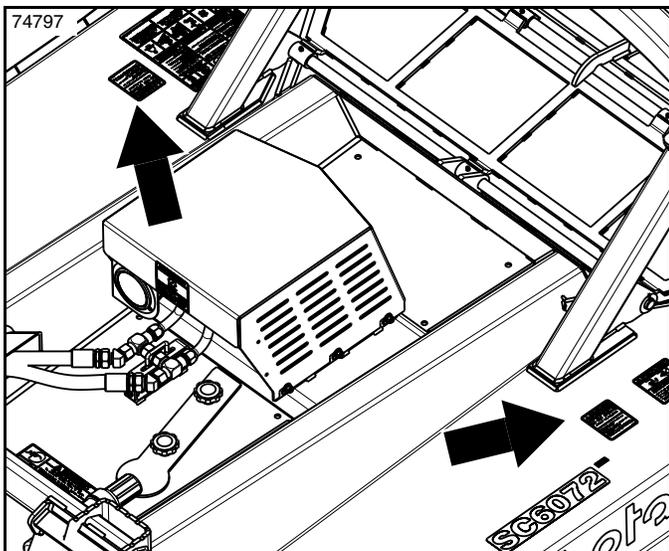
Danger: Rotating Blade Hazard  
1 Place



76601

**844-317C**

Danger: Rotating Blades Hazard  
1 Place



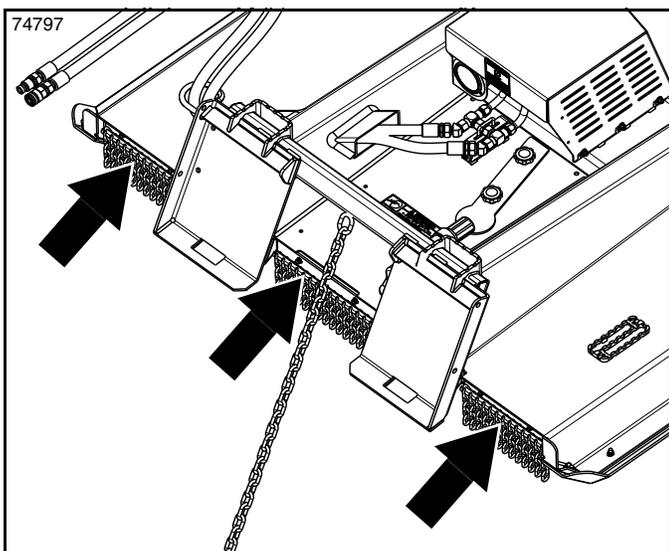
70397



**858-843C**

Danger: Missing Guards, Polycarbonate Door, and/or Check Chain Safety Hazard

2 Places



70252



**848-088C**

Danger: Guard Missing Hazard, Do Not Operate

3 places: Reference bottom illustration. Behind the three rear chain guards

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## Introduction

Kubota welcomes you to the growing family of new product owners. This Skid Cutter 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 product.

## Application

This SC6072 construction-grade Skid Cutter is designed with the commercial or high use customer in mind. It features a rigid hitch mounting system, 1/4" (6 mm) thick deck, 4 swinging blades, and a bi-fold door on the front. The SC6072 is capable of cutting and shredding brush or trees up to 6" (15 cm) in diameter. Carbide mulching teeth mounted on the bottom of the blade carrier can be used for grinding stumps. The strong push bars on top and under the door of the SC6072 Skid Cutter allow the operator to push trees and brush over and away from the operator as they are being cut without damaging the unit. The ability to cut and mulch trees and stumps level to the ground makes this cutter ideal for clearing right-of-ways along road sides, pipelines or under electrical transmission lines with the speed and efficiency needed by today's contractors. Farmers, ranchers and land developers will also benefit from this unit when clearing pastures or new development areas. The SC6072 Skid Cutter utilizes the power, compact size, and the go anywhere ability of an SVL75 to access over grown areas where a tractor and rotary cutter cannot go. The wide, full-length tapered skid shoes prevent the cutter from digging in or getting hung up in the soft ground usually found under heavy brush.

## Patented

This SC6072 Skid Cutter is protected by one or more of the following patent numbers:

- US 11,224,163

## 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](http://www.landpride.com).
- Store your Operator's Manual in the dry storage tube. See "**Figure 1**" on this page for location of storage tube.

## 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

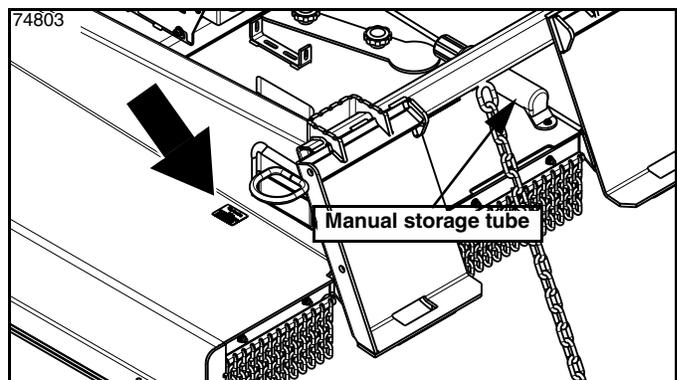
The dealer should complete the Online Warranty Registration at the time of purchase. This information is necessary to provide you with quality customer service.

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

See "**Specifications & Capacities**" on page 30 and "**Features & Benefits**" on page 32 for additional information and performance enhancing options.

## 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 correspondence with your Kubota dealer. For location of your serial number plate, see Figure 1.



Serial Number Plate Location  
Figure 1

## Further Assistance

Your Kubota dealer wants you to be satisfied with your new attachment. 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:

**Kubota by Land Pride  
Service Department**

1525 East North Street  
P.O. Box 5060  
Salina, KS 67402-5060

E-mail address  
[lpSERVICE@landpride.com](mailto:lpSERVICE@landpride.com)

Section 1: Assembly & Set-up

### Skid Steer/Track Loader Requirements

The Skid Cutter is designed to attach to skid steer loaders and track loaders with the following requirements:

- Hitch Type . . . . . ISO 24410
- Rated Operating Load (50% of tip): 3000 lbs (1361 kg)
- Hydraulic Pressure Rating: up to 3500 psi (24.1 MPa)
- High Volume Drive Motor . . . 18-31 gpm (68-117 Lpm)
- Case Drain . . . . . Required
- Skid Steer Weight. . . . . See warning below
- Protective Operator Door<sup>1</sup> . . . . . Polycarbonate

**Notes:**

1. A polycarbonate door can be purchased from your nearest Kubota dealer. Refer to **“Polycarbonate Protective Door (Option)”** on page 23.

### WARNING

To avoid serious injury or death:

- Lightweight power machines may need weight added to the rear to maintain steering control and prevent forward and/or side tipping. Consult your power machine Operator’s Manual to determine proper weight requirements and maximum limitations.
- To protect the operator from thrown objects, the skid steer or track loader **MUST** be equipped with a polycarbonate protective door, and the operator **MUST** wear eye protection such as safety glasses or goggles.
- Consult your skid steer’s manual for operating capacity, lifting capacity, and operating specifications. Exceeding rated capacities and specifications can result in a roll-over or other serious hazard.
- 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 the inability to read, understand, and follow instructions provided in this manual.

### Dealer Preparations

Read and understand the Operator’s Manual for this cutter. An understanding of how it works will aid in the assembly and setup of your cutter.

This Skid Cutter has been partially assembled at the factory. However, some assembly will be necessary.

It is best to go through the **“Pre-Assembly Checklist”** on this page before assembling the cutter. Speed up your assembly task and make the job safer by having all the needed parts and equipment readily at hand.

Ensure that the intended skid steer conforms to the requirements stated under the heading **“Skid Steer/Track Loader Requirements”** on this page.

### Pre-Assembly Checklist

✓	Check
<input type="checkbox"/>	Have a forklift or hoist with properly sized chains and safety stands capable of lifting and supporting the equipment on hand.
<input type="checkbox"/>	Make sure miscellaneous assembly of tools are on hand: Hammer, tape measure, spirit level, and an assortment of wrenches and power tools.
<input type="checkbox"/>	Have a minimum of 2 people on hand while assembling.
<input type="checkbox"/>	Check power machine to see if auxiliary weights are needed. See Specifications on page 30 for unit weights.
<input type="checkbox"/>	Make sure loose parts bag/box is shipped with the cutter.
<input type="checkbox"/>	All hardware from the factory has been installed. If a part or fastener is temporarily removed for assembly, remember where it goes. Keep parts separated.
<input type="checkbox"/>	Make sure all components have been installed correctly. If removing, keep the part and its hardware together. Remember how to reassemble the part. If unsure, use the Parts Manual to assist. To acquire an Operator’s or Parts Manual, refer to <b>“Using This Manual”</b> on page 10.
<input type="checkbox"/>	Make sure all safety labels are legible and correctly located. Reflectors must be visible when machine is in transport position. Replace damaged safety labels and reflectors. Refer to Page 6.
<input type="checkbox"/>	Make sure all grease fittings are in place and lubricated. Refer to <b>“Lubrication Points”</b> on page 29.
<input type="checkbox"/>	Check fluid level in the motor spindle hub. Refer to <b>“Gearbox”</b> on page 29.

### Uncrating

### WARNING

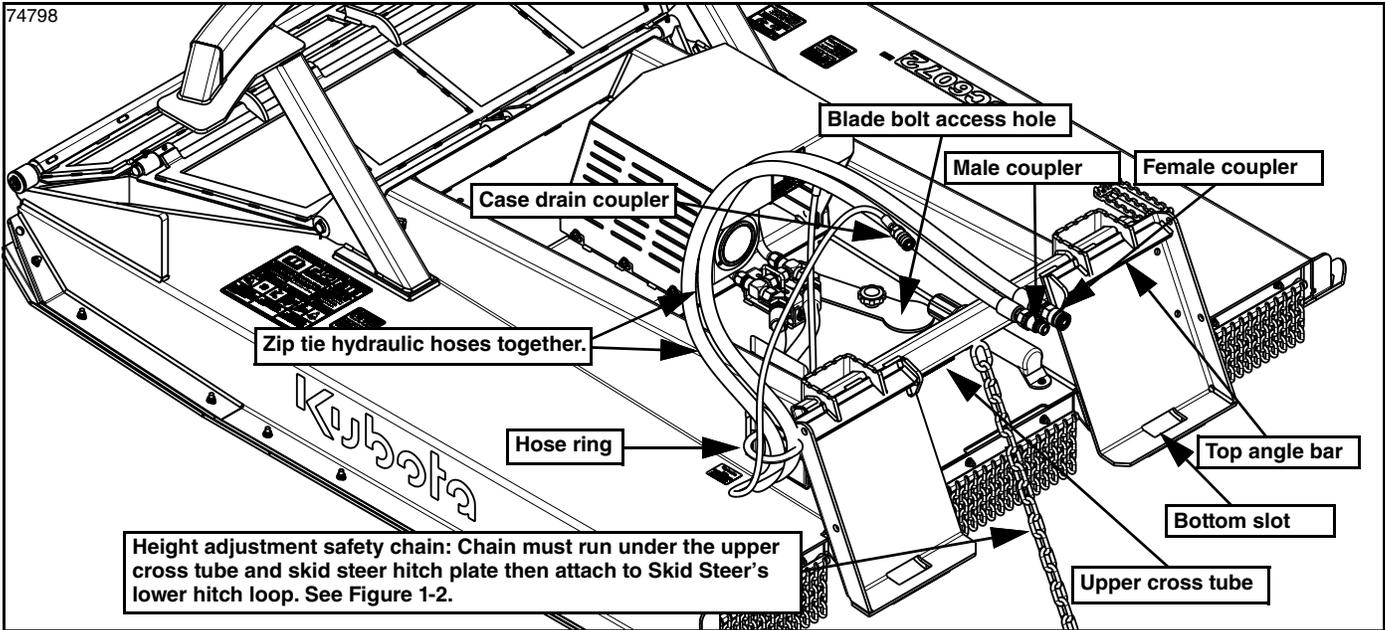
To avoid serious injury or death:

Always secure cutter with an overhead crane, fork lift, or other suitable lifting device before removing hardware bags, shipping components, bands, lag screws, or hitch pins. The cutter can suddenly fall.

1. Secure deck with an overhead crane, fork lift, or other suitable means before cutting shipping support bands and unbolting cutter from shipping crate.
2. Cut bands securing parts bags to the shipping crate.
3. Remove bolts securing hitch to the shipping crate.
4. Cut center band securing hitch to shipping crate.
5. Carefully lift cutter from crate and lower onto its skids or onto support stands capable of supporting the cutter.
6. Remove remaining components from crate. Discard crate.

### Torque Requirements

See **“Torque Values Chart”** on page 34 to determine correct torque values when tightening hardware.



Skid Steer Hook-Up  
Figure 1-1

### Hitch Hook-Up

Refer to Figure 1-1:

#### DANGER

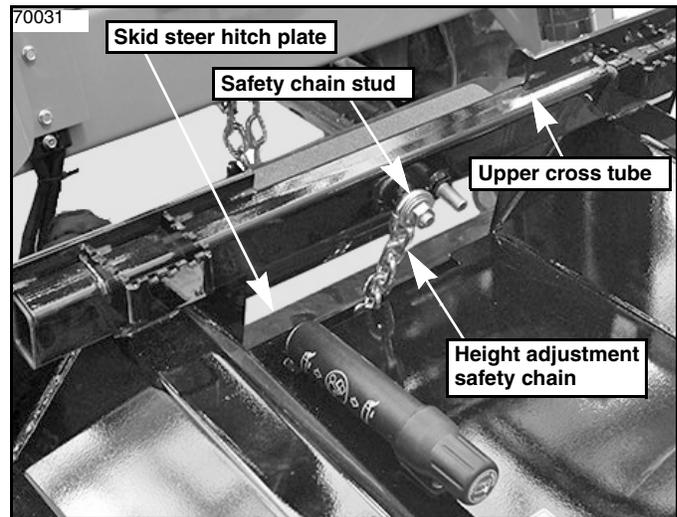
To avoid serious injury or death:

- A crushing hazard exists when connecting and disconnecting 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.
- Do not operate cutter with skid shoes any higher than 16.5" (42 cm) off the ground. Always use height adjusting safety chain to limit cutting height. Raising cutter too high will throw debris at the operator.

1. Make sure hydraulic hoses and height adjustment safety chain do not interfere with hitch hook-up.
2. Drive skid steer slowly to the Skid Cutter making sure the front hitch plate of the skid steer is parallel with the Skid Cutter hitch.
3. Tilt top of skid steer hitch plate slightly forward.
4. Place top of skid steer hitch plate directly under the Skid Cutter top angle bar.
5. Slowly lift skid steer hitch until it fully contacts the Skid Cutter top angle bar.
6. Slowly rotate skid steer hitch plate back.

**NOTE:** If the skid steer is not equipped with hydraulic lock handles, the skid steer must be shut down and lock handles must be manually engaged. Refer to “**Skid Steer Shutdown Procedures**” on page 18.

7. Engage skid steer lock handles. Make sure the pins go through the bottom slots of the Skid Cutter's hitch and the handles lock down.

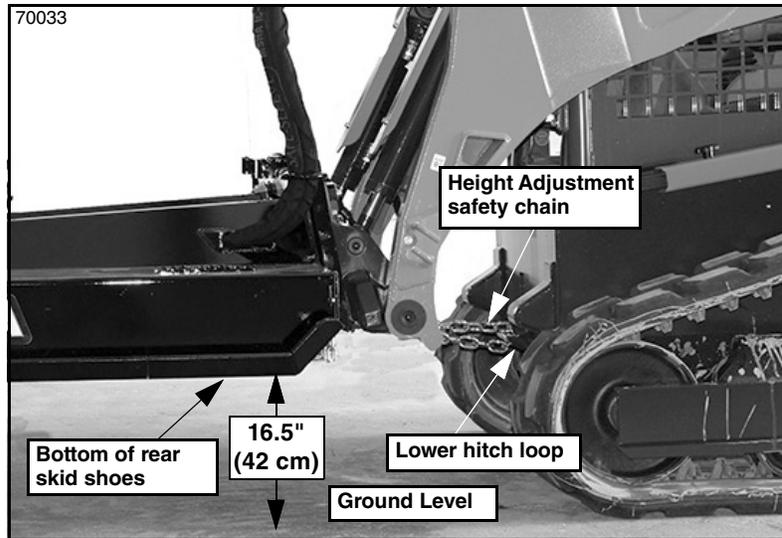


Height Adjustment Safety Chain (Kubota SVL Shown)  
Figure 1-2

Refer to Figure 1-2

**IMPORTANT:** The height adjustment safety chain must run under the upper cross tube and the skid steer hitch plate or damage can occur.

8. Connect the height adjustment safety chain to the skid steer. For additional information on how to adjust the height adjustment safety chain, see “**Height Adjustment Safety Chain**” on page 13.



Nominal Cutting Height (SVL shown)  
Figure 1-3

## Height Adjustment Safety Chain

### DANGER

To avoid serious injury or death:

- Do not operate cutter with skid shoes any higher than 16.5" (42 cm) off the ground. Always use height adjusting safety chain to limit cutting height. Raising cutter too high will throw debris at the operator.
- 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 the hydraulics is off.

#### Refer to Figure 1-3:

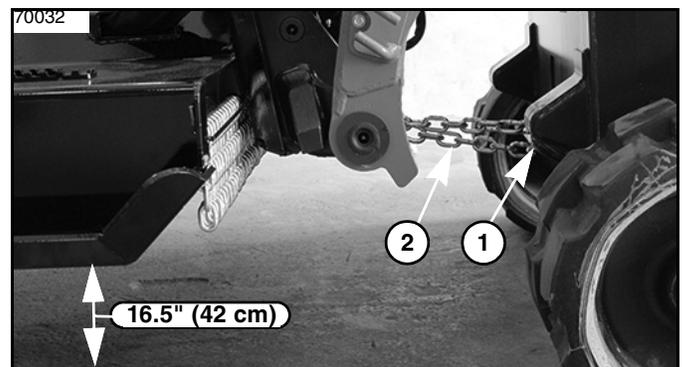
For safety, the cutter's rear skid shoes should not be raised higher than 16 1/2" (42 cm) off the ground 18" (46 cm) maximum cutting height.

**NOTE:** Two people may be required to install and adjust the height adjustment safety chain.

1. Raise cutter's rear skid shoes slightly less than 16 1/2" (42 cm) off the ground. Secure the cutter with solid (non-concrete) support blocks.
2. Shut skid steer down properly. See "Skid Steer Shutdown Procedures" on page 18.
3. Run height adjustment safety chain under the skid steer hitch plate to the skid steer lower hitch loop. Thread chain through the hitch loop and back toward the hitch plate. Connect quick link coupler to a chain loop as shown in **Figure 1-4**.
4. The SSV65 has two chain loops. A height adjustment safety chain must be attached to both loops to set the cutting height. An extra chain is necessary to stop deck level and to prevent damage to skid steer arms. Chains are available through accessories.

**NOTE:** When attaching the Skid Cutter to a Kubota SVL machine, height adjustment safety chain (#2) should be looped around SVL tie-down bar (#1) and adjusted so that the cutter cannot be raised over 16 1/2" (42 cm) off the ground as shown in Figure 1-4 below.

**NOTE:** SSV65 needs two height adjustment safety chains attached to set cutting height.



SC60 Height Adjustment (SVL Shown)  
Figure 1-4

5. Raise cutter up until the height adjustment safety chain is tight. Check height of rear skid shoes.
6. If rear skid shoes are more than 16 1/2" (42 cm) above ground level, lower cutter and make necessary adjustments to the height adjustment safety chain to adjust rear skid shoe height to 16 1/2" (42 cm) maximum.
7. Tighten quick link coupler nut to secure height adjustment safety chain.

Section 1: Assembly & Set-up

**Hydraulic Hose Hook-Up**

Refer to Figure 1-1 on page 12:

**! WARNING**

To avoid serious injury or death:

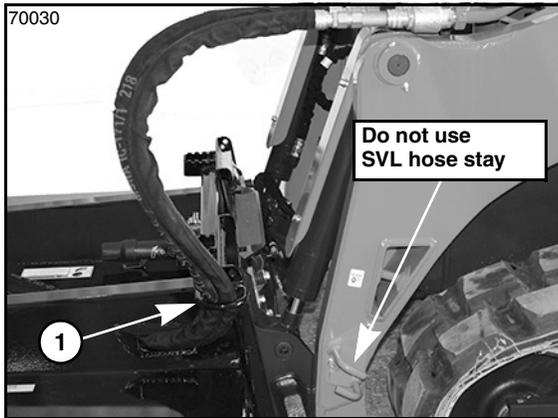
- Shutdown power machine and release all hydraulic pressure to the equipment before connecting or disconnecting hydraulic hoses to or from the power machine.
- Hydraulic fluid under high pressure will penetrate the skin or eyes causing serious injury. Wear protective gloves and safety glasses or goggles when working with hydraulics. Use a piece of cardboard or wood, rather than hands, when searching for leaks. If an accident occurs, seek immediate emergency medical care or gangrene may result. **DO NOT DELAY.**

**IMPORTANT:** The customer must select best way to route the hydraulic hoses. Make sure the hoses will not contact the skid steer wheels or tracks. See “**Equipment Clearances**” on page 16 for detailed instructions on how to check for clearances.

Refer to Figure 1-5:

1. If attaching to a Kubota SVL75 machine, be sure to route hydraulic hoses through hose loop (#1) on the left side of the cutter hitch as shown.

**NOTE:** Use of Kubota’s SVL Hose Stay is not recommended for this attachment.



Hose Route For Kubota SVL Machine  
Figure 1-5

Refer to Figure 1-1 on page 12:

2. Thread hoses through any hose holders that may be helpful on the machine operating the cutter. See your skid steer Operator’s Manual for instruction on how to use these hose holders.
3. Connect male and female couplers on the cutter to the appropriate skid steer flat faced couplers.
4. Connect cutter case drain coupler to skid steer case drain coupler.

5. Operate skid steer to check blade rotation. The SC60 is designed to have cutter blades rotate clockwise when looking down at the deck.
6. Zip tie hydraulic hoses together every 2 feet (61 cm) from male and female couplers.

**Protective Door Assembly (Optional)**

Refer to Figure 1-6:

**! WARNING**

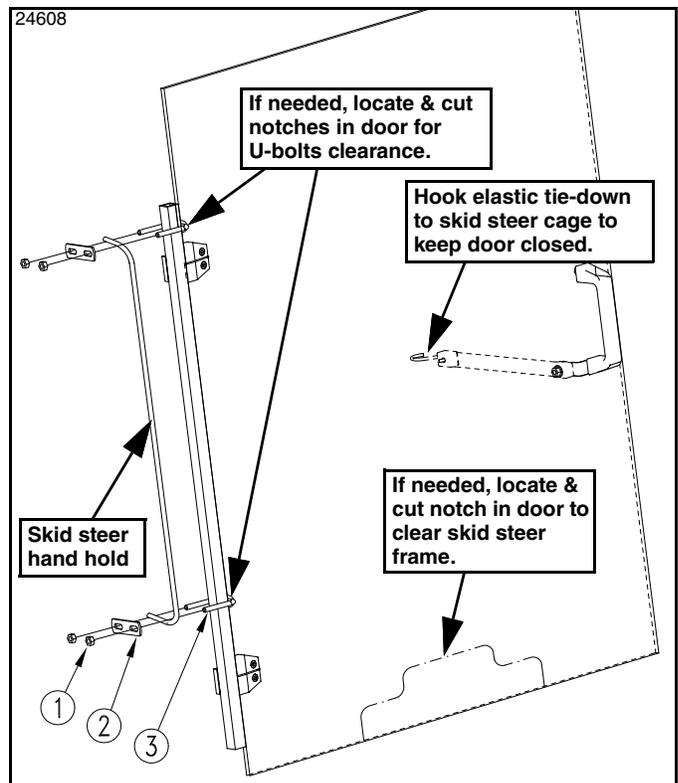
To avoid serious injury or death:

Do not drill holes in the ROPS (Roll Over Protection System) to attach this Operator Protective Door. Drilling unapproved holes in the ROPS can weaken the structure.

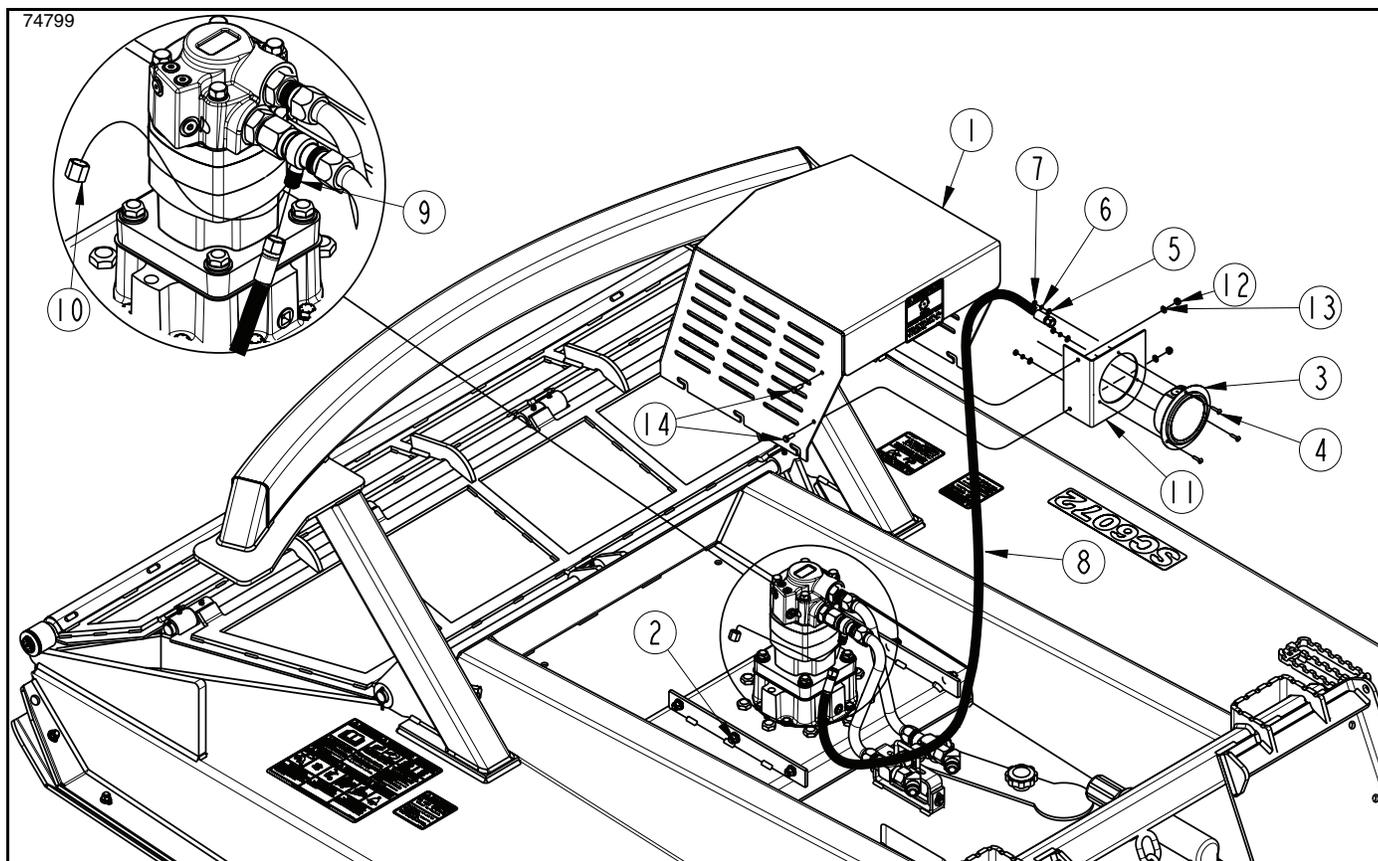
For your safety, do not use this cutter without an installed OEM Polycarbonate Protective Operator Door. If the skid steer/tracker loader is not equipped with a polycarbonate door, an optional door may be purchased with the cutter.

Refer to the instructions below when installing Kubota’s optional polycarbonate door.

1. Cut notches in protective door as needed to provide clearance around u-bolts and skid steer frame.
2. Install the polycarbonate door to the skid steer’s hand hold with two u-bolts (#3), flat bars (#2), and four nuts (#1) as shown. Tighten nuts to correct torque.



Polycarbonate Protective Door Assembly  
Figure 1-6



Pressure Gauge Assembly  
Figure 1-7

## Pressure Gauge Assembly (Optional)

Refer to Figure 1-7:



### WARNING

To avoid serious injury or death:

Cutter deck can be slippery when wet. Always step on grip pads when possible. Never hurry. Make sure you have secure footing and hand hold when walking on the deck.

1. Ensure the cutter is parked on a flat level surface, and if the cutter is attached to a skid steer, follow proper shut down procedures. See “**Skid Steer Shutdown Procedures**” on page 18.
2. Loosen six 3/8"-16 hex nuts (#2). Removing the hex nuts is not necessary.
3. Remove the motor shroud (#1) by pushing it toward the front of the unit then lifting it upward.
4. Remove 9/16" cap (#10) from adapter fitting (#9).
5. Attach the 9/16" end of hydraulic hose (#8) to adapter fitting (#9) and tighten.
6. Attach the pressure gauge (#3) to the pressure gauge mount (#11) using three 8-32 X 3/4" round head screws (#4). Put the screws through the holes in the pressure gauge and pressure gauge mount and fasten them with three flat washers (#5), lock washers (#6) and 8-32 hex nuts (#7). Tighten the hex nuts to correct torque.
7. Attach the 1/4" end of hydraulic hose (#8) to the pressure gauge (#3) and tighten.
8. Place the motor shroud (#1) back in its designated place and pull back to lock it in place. Tighten hex nuts (#2) to correct torque.
9. Attach the pressure gauge mount (#11) to the motor shroud (#1) using two 1/4-20 X 3/4" hex head bolts (#14). Fasten with 1/4" flat washers (#13) and 1/4-20 hex nuts (#12). Tighten to correct torque.

**Equipment Clearances**

Visually inspect hydraulic hoses for possible pinch points and length. Make any necessary adjustments before putting equipment into service.

1. If necessary, have someone stand nearby that can motion for the operator to stop if a problem develops while checking for clearances.
2. With deck lowered to its minimum cutting height, slowly tilt the hitch plate back raising the front of the cutter while watching for interferences between the skid steer and cutter. Make sure hydraulic hoses are long enough and do not become pinched through the full range of motion.
3. With hydraulic cylinders still retracted, slowly raise loader arms up while continuing to watch for interferences between the skid steer and cutter until height adjustment safety chain limit is reached.
4. Slowly tilt the hitch plate forward until the front of the deck is touching the ground.
5. Tilt hitch plate back until the deck looks parallel with the ground.
6. Slowly lower loader arms until deck is level and resting on the ground.
7. Be sure to make any necessary corrections to the hydraulic hoses before putting cutter into service.

Section 3: Operating Procedures

**Operating Checklist**

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 Skid Cutter. Therefore, it is absolutely essential that no one operates the Skid Cutter unless they have read, fully understood, and are totally familiar with the Operator's Manual. Make sure the operator has paid particular attention to:

- **Important Safety Information**, page 1
- **Section 1: Assembly & Set-up**, page 11
- **Section 2: Adjustments**, page 16
- **Section 3: Operating Procedures**, page 17
- **Section 5: Maintenance & Lubrication**, page 25

Perform the following inspections before using your Skid Cutter.

**Operating Checklist**

✓	Check	Ref.
✓	Make sure guards and shields are in place and secure. Make sure the polycarbonate door is in good working order.	Page 1
	Inspect hydraulic hoses and replace if they are worn, damaged, or leak. Replace with genuine OEM parts.	Page 25
	Check fluid levels in gearbox and grease bi-fold door. Refer to "Lubrication Points".	Page 29
	Check Skid Cutter initially and periodically for loose bolts & nuts. See "Torque Values Chart".	Page 34

**Safety Information**



**DANGER**

To avoid serious injury or death:

- Rotary Cutters have the ability to discharge objects at high speeds; therefore, the use of front & rear safety guards is mandatory with this cutter. Stop blade rotation if bystanders are in or around the area. It is recommended that a safety shield be placed between the operator and cutter on an open air loader.
- Keep bystanders clear while cutter is operating. Shut cutter and power machine down if a bystander is in or around the area. People can be hurt by thrown objects, rotating blades, being run over, etc.
- Always disengage auxiliary hydraulics to the cutter, shutdown the power machine, and wait for cutter blades to spool down to a stop before allowing anyone to clean, service, perform maintenance, or be near the cutter. Refer to power machine shutdown procedures provided in this manual.
- Clear area to be cut of debris and other unforeseen removable objects before cutting. Mark non-removable hazards such as tree stumps, post stubs, protruding objects, rocks, drop-offs, holes, etc. with a visible flag.

- All guards and shields must be installed and in good working condition while operating the attachment.
- Do not use cutter as a fan. Cutting blades are not properly designed or guarded for this use.
- Do not operate cutter with skid shoes any higher than 16.5" (42 cm) off the ground. Always use height adjusting safety chain to limit cutting height. Raising cutter too high will throw debris at the operator.
- 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 operate cutter after dark without working lights. The equipment can hit unseen objects or be hit by other vehicles. The operator can lose control of the power unit and cutter causing a wreck or roll-over.



**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 the inability to read, understand, and follow instructions provided in this manual.
- Hydraulic fluid under high pressure will penetrate the skin or eyes causing serious injury. Wear protective gloves and safety glasses or goggles when working with hydraulics. Use a piece of cardboard or wood, rather than hands, when searching for leaks. If an accident occurs, seek immediate emergency medical care or gangrene may result. **DO NOT DELAY.**
- 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.
- Do not cut on steep inclines. The power machine could flip over causing damage to the equipment and serious bodily injury or death.
- Do not operate a hammer or mulching equipment on an open cab machine or on a machine with a tempered front glass window/door. The operator **MUST** use a polycarbonate front door/window when operating a hammer or mulching equipment.
- To protect the operator from thrown objects, the skid steer or track loader **MUST** be equipped with a polycarbonate protective door, and the operator **MUST** wear eye protection such as safety glasses or goggles.
- Make sure controls are all in neutral position or park before starting the power machine.
- Use caution when entering and exiting the skid steer. Maintain three points of contact. Be careful not to become entangled in hydraulic hoses while entering or exiting the skid steer operator station.

## Section 3: Operating Procedures

- *Avoid catching hydraulic hoses on brush, posts, tree limbs, and other protrusions that could damage and/or break them.*
- *Do not abuse equipment. Incorrect use of the attachment can damage equipment structurally and cause serious injury or death.*
- *Do not travel too fast. The rougher the terrain, the slower you must travel. Always travel at a speed slow enough to be able to adjust the deck height before running it into the ground. Also, travel slow enough to stop before running or turning into obstacles ahead and on either side.*
- *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.*
- *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 as a lifting device for people or as a work platform. It is not properly designed or guarded for this use.*
- *Do not operate cutter with blades that are out-of-balance, bent, excessively worn, excessively nicked, or with blade bolts that are excessively worn. Damaged components can break at high speeds and be ejected in a hazardous manner.*
- *Do not alter attachment or replace parts on the attachment with other brands. Other brands may not fit properly or meet OEM (Original Equipment Manufacturer) specifications. They can weaken the integrity and impair the safety, function, performance, and life of the attachment. Replace parts only with genuine OEM parts.*
- *Do not exceed rated cutting capacity of your cutter. See specifications & capacities for specified cutting capacity. Exceeding rated cutting capacity can damage drive components, cutter blades, and deck components.*
- *Cutter deck can be slippery especially when wet. Always step on anti-slip surfaces when possible. Never hurry. Make sure you have secure footing and hand hold when walking on the deck.*
- *Buildup of debris around moving components and gearboxes is a fire hazard. Keep rotating parts and gearboxes free from debris.*
- *Bi-fold door must be fully functional to help protect against thrown object and rotating blade hazards. If damaged, shutdown cutter and repair bi-fold door before putting the cutter back into service.*
- *Always shut skid steer down using “Skid Steer Shut Down Procedure” provided in this manual before dismounting to maintain and/or make adjustments to the skid steer cutter.*

## Skid Steer Shutdown Procedures

The following are basic skid steer shutdown procedures. Follow these procedures and any additional shutdown procedures provided in your skid steer 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 solid (non-concrete) support blocks.
3. Turn off engine. Do not remove ignition key at this time.
4. Turn ignition key to the “RUN” position. Relieve all hydraulic pressure by moving both joysticks.
5. Turn ignition key off and remove to prevent unauthorized starting.
6. If included, raise seat bar and move controls until both lock.
7. Wait for all components to come to a complete stop before leaving the operator's seat and/or allowing bystanders near the attachment.
8. Use steps, grab-handles and anti-slip surfaces when stepping on and off the skid steer or attachment.

## Transporting



### WARNING

*To avoid serious injury or death:*

*When traveling on public roadways, travel in such a way that faster moving vehicles may pass safely. Use hazard 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. Be sure to reduce ground speed when turning and leave enough clearance so the Skid Cutter does not contact obstacles such as buildings, trees, or fences.
2. Select a safe ground travel speed when transporting from one area to another. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
3. Decrease transport speed when traveling over rough or hilly terrain.
4. When transporting skid steer and Skid Cutter on a trailer:
  - Use towing vehicle and trailer of adequate capacity.
  - Always drive up a ramp with heavy end uphill.
  - Engage skid steer park brake and remove ignition switch key once it is loaded.
  - Secure skid steer loader and attachment using tie-downs and chains.

### Cutting Instructions

**WARNING**

To avoid serious injury or death:

- Do not use carbide teeth to grind anything other than wood. Grinding other objects can cause a thrown object hazard.
- Do not operate cutter with the front of the deck angled down more than 30 degrees. Exceeding this angle will result in objects being thrown from under the deck.

**IMPORTANT:** Do not over angle hitch plate forward. Over angling can cause damage to deck and hitch.

**NOTE:** Your cutter is equipped with free swinging cutting blades to reduce shock loads to the cutter when striking an obstacle.

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**DO NOT OPERATE WITH FRONT OF SKID STEER OFF THE GROUND**  
**Figure 3-1**

**IMPORTANT:** Refer to Figure 3-1: Do not operate cutter or navigate turns with the front of the skid steer off the ground. Operating in above fashion will cause damage to the deck & hitch.

**IMPORTANT: Refer to Figure 3-2 on page 20:** Deck is open in front and rear. The direction of travel while cutting should be forward & reverse.

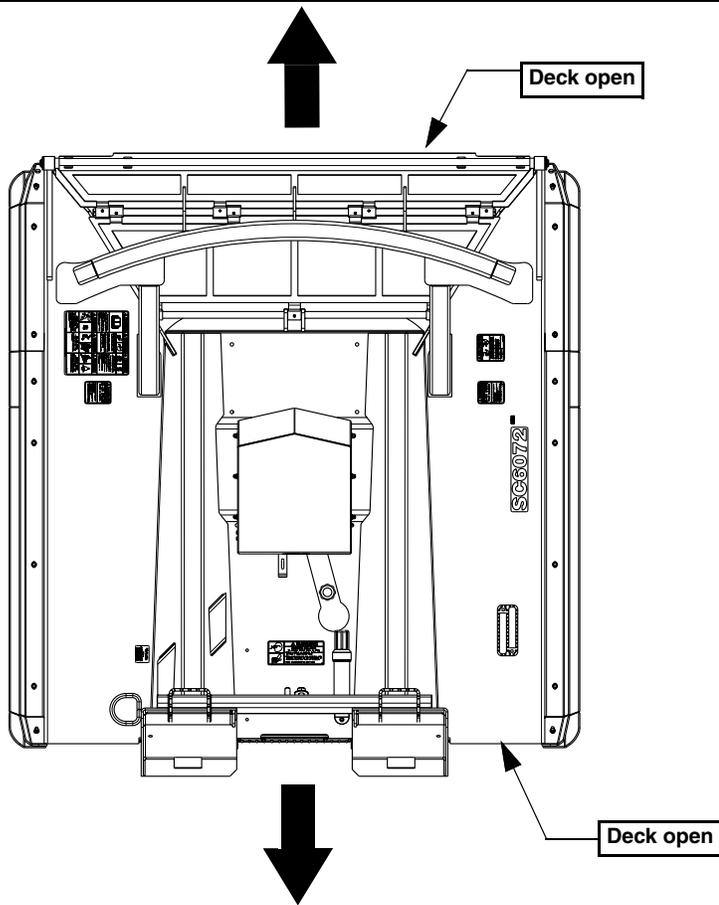
Never swing deck side to side without first raising the deck off the ground and high enough to clear all obstacles.

The Skid Cutter should be operated in one of three ways.

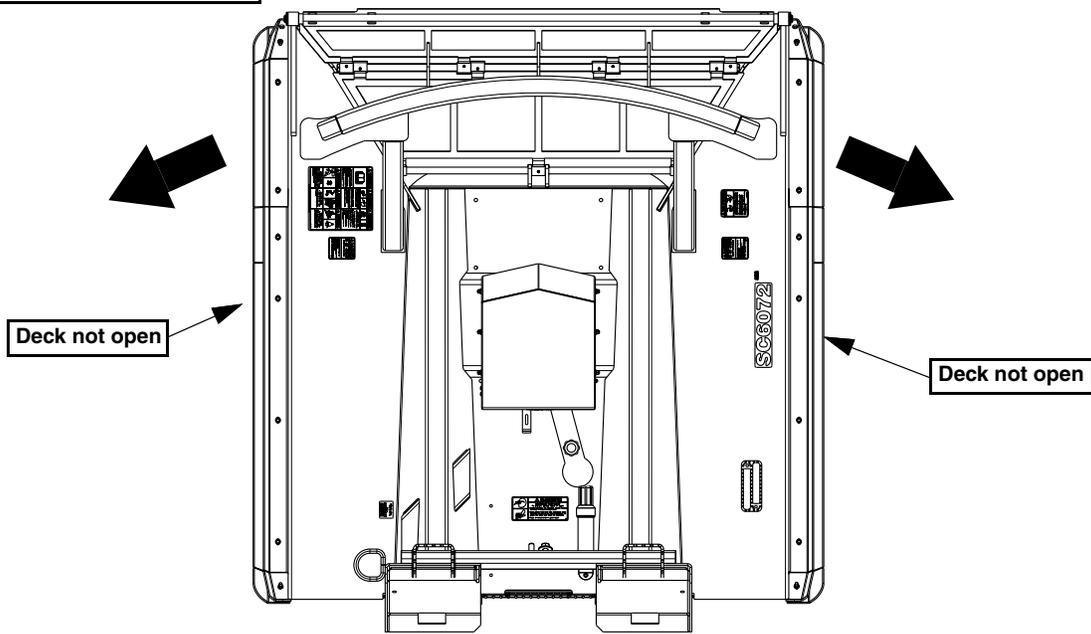
- If cutting grass, weeds, or light brush operate with the deck rear slightly higher than deck front.
  - If cutting heavy brush or trees, operate with the deck front even with or slightly higher than the deck rear. Lower the deck front and backup slowly mulching the debris and leveling brush root spikes to ground level.
  - When cutting grass, weeds, or light brush on a steep bank, engage blades and travel straight forward toward the bank until the cutter deck is hanging over the bank. Stop traveling and tilt top of hitch plate forward to lower the front of the cutter. Continue to tilt the hitch plate and lower/raise loader arms until the cutter is parallel with the bank slope. Do not operate cutter angled more than 30 degrees down. Once a satisfactory cut has been made, tilt top of hitch plate back to level the cutter deck, raise/lower loader arms as need, and back away from the bank.
1. Thoroughly inspect the area to be cut for debris and unforeseen objects. Mark any potential hazards.
  2. Set skid steer hydraulic lift arms and hitch angle to position the deck front at the preferred cutting height and the deck rear slightly higher.
  3. Start the skid steer and engage hydraulic motor. Allow several seconds for cutter blades to become aligned properly. If deck continues to vibrate after several seconds, stop motor and inspect blades.
  4. It is important to maintain correct hydraulic motor speed. Loss of motor speed will allow the blades to hinge back and result in ragged, uneven cutting.
  5. Ground speed depends on two things: the density of material being cut and size of skid steer. Never run fast enough to overload the skid steer or cutter.
  6. This cutter was designed to cut brush and small trees on gently sloping or slightly contoured right-of-ways, pastures, set aside acres, and row crop fields.

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Deck is open in front and rear.  
The direction of travel while cutting  
should be forward & reverse.



Never swing deck side to side without  
first raising the deck off the ground and  
high enough to clear all obstacles.



Cutting Operation  
Figure 3-2

## Section 3: Operating Procedures

### General Operating Instructions

It is absolutely essential that you read and understand both the Operator's Manual for your Kubota Skid Cutter and the Operator's Manual for the skid steer unit you intend to attach it to before attempting to operate or cut with this combination of equipment. You must be able to read, comprehend, and adhere to all safety warnings and decals in order to avoid personal injury, fatalities, injury to others, or costly damage to property and equipment. We highly recommend that you be a skilled and competent skid steer operator prior to attaching and attempting to use the Skid Cutter. If there is any part of the information above or safe operating procedures you do not understand, please contact your nearest authorized dealer for a full explanation and training session if necessary.

If attachment is to be operated while backing-up the machine, make sure visibility to the rear of the power unit is appropriate for the attachment.

### Skid Steer Operating Instructions



#### WARNING

*To avoid serious injury or death:*

*To protect the operator from thrown objects, the skid steer or track loader MUST be equipped with a polycarbonate protective door, and the operator MUST wear eye protection such as safety glasses or goggles.*

Assuming you have met all of the requirements and taken them seriously, it is time to take the next step and that is accomplished by dressing appropriately for the task. You will need to put on protective eye wear such as safety glasses, goggles, or a face shield. A hard hat, steel toed safety shoes, gloves, and hearing protection are also highly recommended. Never wear loose fitting clothing. A respirator or filter mask will help reduce the amount of dust, pollen, or agricultural chemicals potentially inhaled by the operator.

The next step is a static or non-running pre-inspection of the skid steer unit. You will want to make sure that the skid steer is equipped with a fully functioning ROPS (Roll Over Protective Structure) which does include seat belts and an operator safety enclosure. The cab must also be equipped with a polycarbonate operator protective door, which may have been supplied with the skid steer unit. Kubota does offer a polycarbonate operator protective door with the SC6072 if one is not provided by your skid steer supplier. If the skid steer is to be operated on local roadways, it must be equipped with appropriate Slow Moving Vehicle (SMV) sign and other required lighting packages so as to make it compliant with federal, state and local department of transportation requirements. The universal quick-hitch mount should be in good working order and latches should be located to the open position.

There should be no evidence of hydraulic leaks in and around the auxiliary hydraulic couplers. There must be a readily accessible attaching point for the Skid Cutter height adjustment safety chain on the lower front portion of the chassis frame. Finally make sure that all shields and safety features are in place and fully functional.

The next step is to perform a running check of the skid steer unit. As you get onto the skid steer and into the operator compartment always use factory provided hand-holds to ease or stabilize your entry. Fasten your seat belt once you are seated and begin to mentally orient yourself with the position of all controls, switches, pedals, levers, and their related functions. Once you are sure that the park brake is on, no people or animals are in close proximity, all control levers, pedals, and hydraulic systems are in neutral position, go ahead and start the engine. With the engine now running and the throttle at approximately one third, test all controls to make sure they are fully functioning. If at any time there is an equipment failure, shut the unit down and make immediate and full repairs.

For additional information, review the Operator's Manual for your skid steer along with the manufacturers recommended checks before operation.

### Skid Cutter Operating Instructions

Once all systems with the skid steer are "go" and fully functioning, it is time to connect to your SC6072. This is done by maneuvering the skid steer mounting plate into position under the universal quick hitch top angle bar. Once this is accomplished and the mower is fully supported by the skid steer lift arms, lower mower to a point approximately two inches above ground. Use the hydraulic mechanism to engage the hitch pins. If skid steer is not equipped hydraulic hitch pin engagement system. Set the park brake, turn the engine off, climb out of the skid steer and lock the latch handles. Connect the hydraulic hoses to the appropriate auxiliary hydraulic outlets and case drain making sure to keep connectors clean. (Note: Hydraulic flow direction on all skid steers is not the same. Make sure hoses are connected properly or blades will rotate at a much slower speed.) Connect the height adjustment safety chain to the chassis attaching point and restrict cutting height to no more than eighteen inches. This completes the attachment of the cutter to the skid steer.

The next step is to complete a pre-operation check of the cutter. Make sure all guards, safety shields, height adjustment safety chain, and deflectors are in place. All hardware must be in place and appropriately tightened. Damaged, severely worn, or defective parts must be replaced prior to operation.

### Section 3: Operating Procedures

It is important that you inspect the area where you will be cutting and clear it of hazards and foreign objects before you start mowing. Never assume the area is clear. Cut only in areas you are familiar with and that are free of foreign objects. Extremely tall grass should be cut twice to detect potential hazards. In the event you do strike an object, stop the cutter and skid steer immediately to inspect and make any necessary repairs to the cutter before resuming operation. Remove or clearly mark the struck object to prevent hitting it again. It really pays to inspect a new area and to develop a safe plan before cutting.

No one, including people and animals, should be allowed within 100 yards (90 m) of this cutter when in operation. If someone does approach, shut the cutter down immediately. The blades on this cutter should never be allowed to come in contact with objects such as wire, cable, rope, or chains that might become entangled. These types of entangled objects can become extremely hazardous by rotating outside of the cutter deck housing resulting in serious injury or death. Always inspect the area before you mow.

The best mowing results will be achieved at speeds up to 2 mph (3.2 km/h) or as vegetation and ground conditions dictate. If you are mowing in particularly tall or dense brush, you may want to make two passes with the first pass being higher and the second pass made as a cross-cut at the desired cut height. The pressure gauge option enables the operator to determine the ground speed obtainable without stalling the cutter. When operating with a pressure gauge the pressure reading should be up to within 500 psi (34.5 Bar) of the skid steer's output. Example: skid steer output = 3,500 psi (24.1 Bar), if the operator adjusts the ground speed so the pressure gauge reading is up to 3,000 psi (20.7 Bar) then the cutter will not stall. If the ground speed causes the pressure to increase to 3,500 psi (20.7 Bar) the cutter will stall and the blades will stop rotating. Conversely, if the pressure reading is less than 3,000 psi (20.7 Bar), the operator can increase their ground speed if desired. Driving too fast over uneven ground will cause the unit to undulate in a forward pitching motion. Only increase the ground speed when you are comfortable with how the complete system responds in various terrain.

**IMPORTANT:** Use of this Skid Cutter is limited to cutting trees up to 6" (15.2 cm). Use in significantly larger or denser brush will result in excessive heat and may damage the Skid Cutter or the skid steer.

When you need to stop, reduce engine speed and shut-off all power to the attachment. Park on solid, level ground, lower the attachment until it is resting on the ground and then turn the engine off. Wait for the engine to shutdown and then turn the ignition key to the "RUN" position. Move both joy sticks to release all hydraulic pressure to the attachment and then turn the ignition key to off.

Allow time for the blades to stop rotating before you exit the power unit.

With a little practice we are confident you will soon achieve safe and excellent results with your new Kubota SC6072 Skid Cutter.

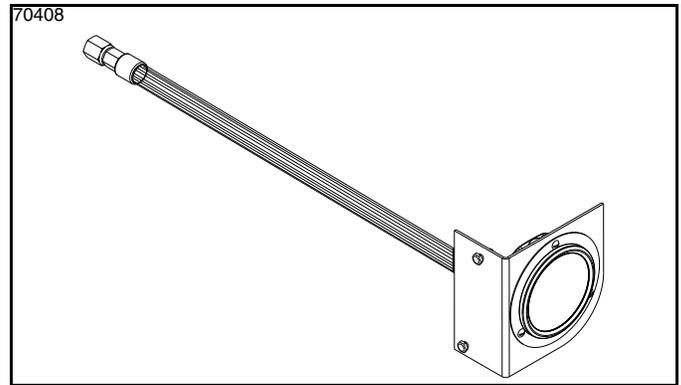
Section 4: Options & Accessories

**Pressure Gauge Bundle (Option)**

Refer to Figure 4-1:

Pressure Gauge Bundle . . . . .327-293A

Kubota offers an optional motor pressure gauge for the SC6072 that allows for the operator to see the hydraulic pressure and prevent stalling.



Pressure Gauge Bundle  
Figure 4-1

**Polycarbonate Protective Door (Option)**

Refer to Figure 4-2:

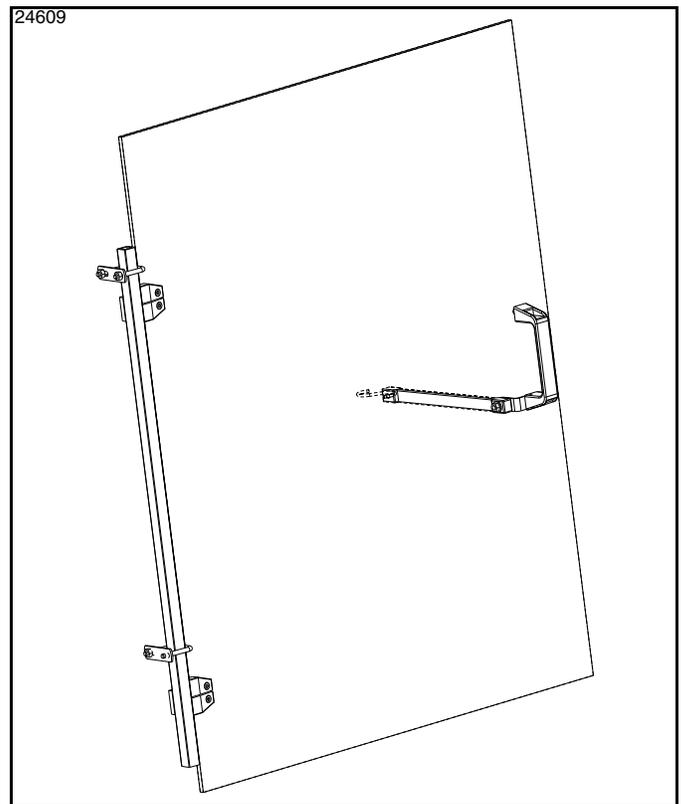
Polycarbonate Protective Door. . . . . 326-024A

The skid steer or track loader **MUST** be equipped with an OEM Polycarbonate Operator Protective Door for shielding against flying debris when attached to a Rotary Cutter. Kubota offers a universal polycarbonate door shield that attaches to your skid steer hand hold with two u-bolts. Some notching in the shield may be required to fit your particular skid steer model. See “**Protective Door Assembly (Optional)**” on page 14 for additional information.

The owner may choose to use a polycarbonate protective door provided by their skid steer supplier. Kubota offers a Operator Protective Door Kit #S6686 which can be used with the Kubota SVL. See your nearest Kubota dealer if purchasing this kit.

**Without Polycarbonate Operator Door . . 326-031A**

The owner may choose to use an OEM Polycarbonate Operator Door supplied by their skid steer manufacture.



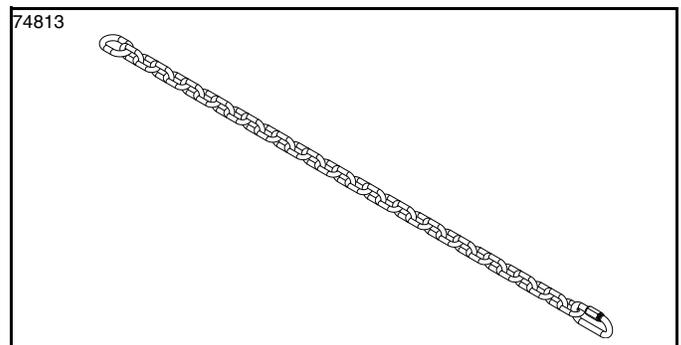
Polycarbonate Protective Door  
Figure 4-2

**Height Adjustment Safety Chain (Accessory)**

Refer to Figure 4-3:

Safety Chain Bundle . . . . . 326-988K

Kubota offers an accessory chain for the Kubota SSV, which requires two chains. See “**Height Adjustment Safety Chain**” on page 13 for additional information. Available in accessories.



Safety Chain Bundle  
Figure 4-3

Section 4: Options & Accessories

**Intell-Attach System™**

The Intell-Attach System allows the Kubota power unit with a closed cab, hydraulic hitch, high-flow, and Telematics to intelligently recognize a Kubota by Land Pride Attachment when equipped with an Intell-Attach receiver and tag. Real time feedback between the attachment and SVL 97-3 helps the operator maximize performance and speed machine set-up.

The Intell-Attach System automatically adjusts the AUX flow. This auto adjust feature prohibits high-flow when connecting to an attachment requiring standard flow.

**Receiver/Cover Assembly**

*Refer to Figure 4-4:*

The receiver is mounted on the track loader and once programmed, the communication between the receiver and tag automatically recognizes the capabilities of the attachment and adjusts the power unit to match.

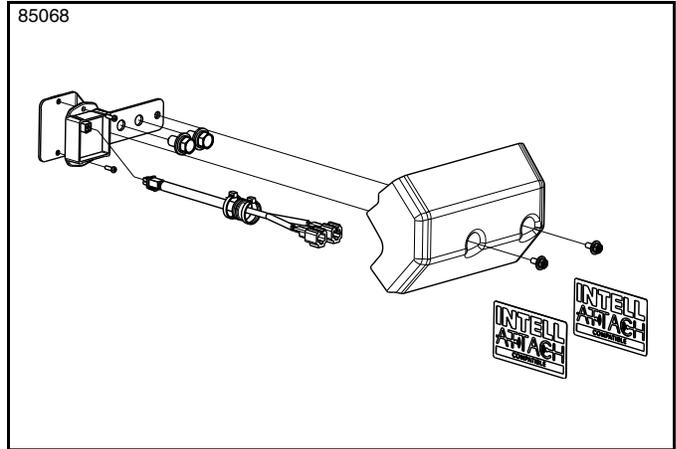
**RECEIVER/COVER ASM . . . . . 701-256A**

**Tag/Bracket Assembly**

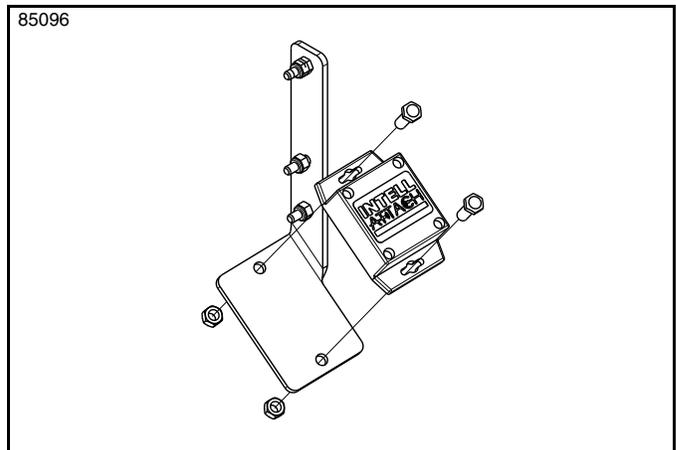
*Refer to Figure 4-5:*

The tag is mounted on the attachment and communicates using Bluetooth® wireless technology to communicate with the receiver on the track loader.

**TAG/BRACKET ASM #3 . . . . . 701-255A**



**Receiver/Cover Assembly  
Figure 4-4**



**Tag/Bracket Assembly  
Figure 4-5**

## Section 5: Maintenance & Lubrication

### Maintenance

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

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

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



#### DANGER

To avoid serious injury or death:

- Always disengage auxiliary hydraulics to the cutter, shutdown the power machine, and wait for cutter blades to spool down to a stop before allowing anyone to clean, service, preform maintenance, or be near the cutter. Refer to power machine shutdown procedures provided in this manual.
- 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 the hydraulics is off.



#### WARNING

To avoid serious injury or death:

- Do not alter attachment or replace parts on the attachment with other brands. Other brands may not fit properly or meet OEM (Original Equipment Manufacturer) specifications. They can weaken the integrity and impair the safety, function, performance, and life of the attachment. Replace parts only with genuine OEM parts.
- Buildup of debris around moving components and gearboxes is a fire hazard. Keep hydraulic motor and gearboxes free from debris to avoid serious injury and property damage.
- Make sure controls are all in neutral position or park before starting the power machine.

### Hydraulic Maintenance



#### WARNING

To avoid serious injury or death:

Hydraulic fluid under high pressure will penetrate the skin or eyes causing serious injury. Wear protective gloves and safety glasses or goggles when working with hydraulics. Use a piece of cardboard or wood, rather than hands, when searching for leaks. If an accident occurs, seek immediate emergency medical care or gangrene may result. **DO NOT DELAY.**

One of the most important things you can do to prevent hydraulic system problems is to ensure that your skid steer reservoir remains free of dirt and contamination.

Use a clean cloth to wipe the hose ends before attaching them to your skid steer. Replace the filter element for your skid steer's hydraulic system at the prescribed intervals. These simple maintenances will go a long way to prevent occurrence of hydraulic problems.

### Cutter Blade Maintenance



#### WARNING

To avoid serious injury or death:

- Always shut power machine down using the "Shutdown Procedure" provided in this manual before servicing, adjusting, cleaning, or maintaining the attachment.
- Do not operate cutter with blades that are out-of-balance, bent, excessively worn, excessively nicked, or with blade bolts that are excessively worn. Damaged components can break at high speeds and be ejected in a hazardous manner.
- Do not attempt to straighten a bent blade or weld on a blade. Do not attempt to modify a blade such as hard surfacing, heat treating, cold treating, or by any other method. Always replace blades with genuine OEM blades to assure safety.

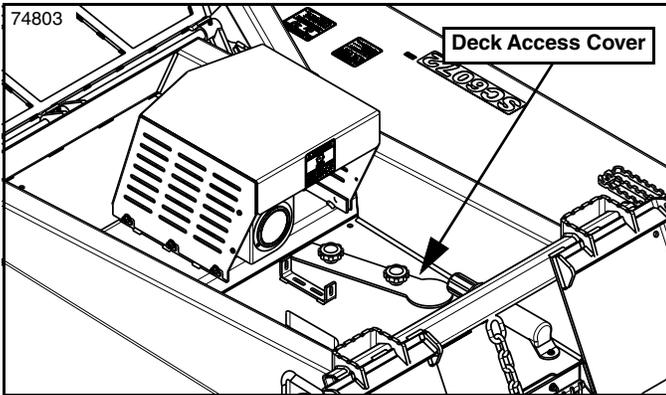
**IMPORTANT:** Replace blades in sets with genuine OEM blades only. It is highly recommended to replace blades in sets. Not replacing blades in sets will result in an out-of-balance condition that could contribute to premature bearing wear/breakage and/or structural cracks in gearbox and/or deck.

**IMPORTANT:** Always use a new nut when replacing blades.

Always inspect blades before each use. Make certain they are properly installed and in good working condition. Blades that are damaged, worn, bent, or excessively nicked should be replaced. Never try to straighten a bent blade. Small nicks can be ground out when sharpening.

Remove cutting blades and sharpen or replace as follows:

1. Properly shut down skid steer according to your skid steer Operator's Manual.
2. Secure cutter deck in a raised position with solid supports before servicing underside of cutter.



Deck Access Cover Location  
Figure 5-1

3. Refer to Figure 5-1: Remove the deck access cover.
4. Refer to Figure 5-2: Rotate blade carrier until 1 1/8" hex nuts (#1) are aligned with the deck access hole.
5. Unscrew 1 1/8" hex nuts (#1) to remove cutting blade (#3).
6. Blades should be sharpened at the same angle as the original cutting edge and must be replaced or re-ground at the same time to maintain proper balance in the cutting unit. The following precautions should be taken when sharpening blades:

**IMPORTANT:** The blades must be assembled as shown in Figure 5-2.

- a. Do not remove more material than necessary.
- b. Do not heat and pound out a cutting edge.
- c. Do not grind blades to a razor edge. Leave a blunt cutting edge approximately 1/16" (2 mm) thick.
- d. Always grind cutting edge so end of blade remains square to cutting edge and not rounded.
- e. Blades should weigh the same with not more than 1 1/2 oz (0.04 kg) difference. Unbalanced blades will cause excessive vibration which can damage gearbox bearings and create structural cracks.

Refer to Figure 5-2:

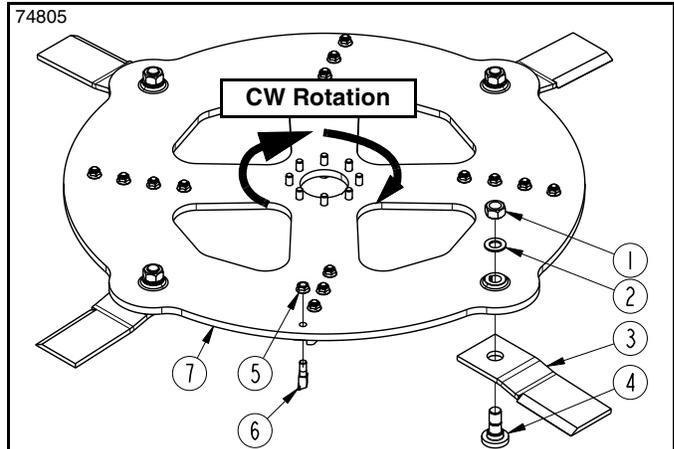
**WARNING**

To avoid serious injury or death:

A locknut that has been removed can lose its thread locking properties. Reusing a used locknut can result in a thrown blade. Always use a new locknut when installing blades.

**IMPORTANT:** Examine bolts, washers, and nuts for excessive wear and replace if worn.

7. Insert bolts (#4) through the cutter blade (#3), blade carrier (#8), and lock washers (#2). Secure with 1 1/8" hex nuts (#1).
8. Torque 1 1/8" hex nuts (#1) to 450 ft. lbs (610 Nm). Refer to "Torque Values Chart" page 34.
9. Refer to Figure 5-1: Replace deck access cover.



Kubota Cutter Blade Parts

#	Part No.	Part Description
	318-586A	BLADE BOLT KIT (Includes items 1, 2, & 4 below)
1	803-170C	HEX LOCK NUT
2	804-147C	FLAT WASHER
3	820-737C	CUTTER BLADE
4	802-277C	BLADE BOLT
5	803-080C	NUT, HEX FLANGE LOCK 5/8-18 PLT
6	820-790C	CARBIDE TOOTH
7	327-439H	BLADE CARRIER (S/N 1170480K+)

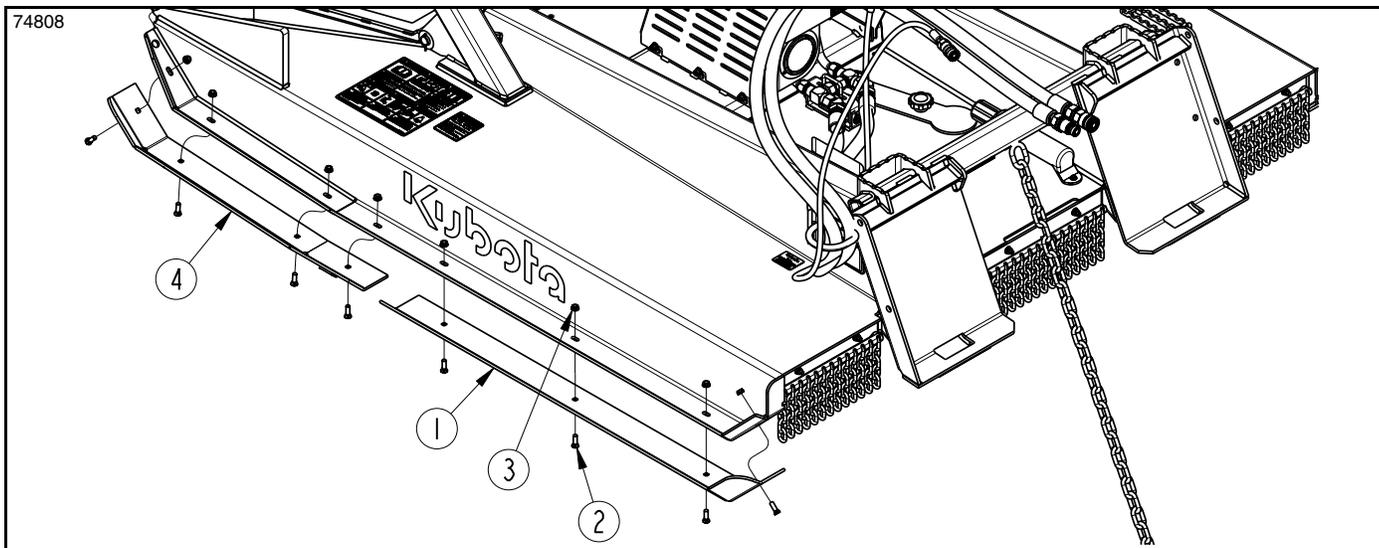
Cutter Blade Assembly  
Figure 5-2

**Carbide Teeth Maintenance**

Inspect the carbide teeth before each use. Make certain they are properly installed and in good working condition. Teeth that are damaged, worn, bent, or excessively nicked should be replaced.

Remove carbide teeth and replace as follows:

1. Properly shut down skid steer according to your skid steer Operator's Manual.
2. Secure cutter deck in a raised position with solid supports before servicing underside of cutter.
3. Examine carbide teeth to determine which ones need replaced.
4. Refer to Figure 5-1: Remove deck access cover.
5. Refer to Figure 5-2: Rotate blade carrier until 5/8" hex flange lock nuts (#5) are aligned with the deck access hole.
6. Unscrew 5/8" flange lock nut (#5) to remove the carbide tooth (#7) that needs replaced.
7. Insert new carbide tooth (#7) through the blade carrier bottom (#8). Keep in mind the cutter rotates clockwise so the carbide teeth must be assembled accordingly.
8. Fasten with 5/8" hex flange lock nut (#5). Tighten nuts to correct torque.



Skid Shoe Replacement  
Figure 5-3

### Skid Shoe Maintenance



#### WARNING

To avoid serious injury or death:

Excessive wear on skid shoes can damage side panels, cause inadequate operation of cutter, and create a safety hazard. Always replace skid shoes at the first sign of wearing thin.

Skid shoes should be inspected at the beginning of each cutting season and replaced when material thickness is less than 1/8" (3 mm) at any point or if other damage is evident. Order only genuine Kubota parts from your local Kubota dealer.

#### Refer to Figure 5-3:

Replace skid shoes as follows:

1. Raise the Skid Cutter 3" (8 cm) or more off the ground and place solid, non-concrete, support blocks under the cutter. Make sure the solid, non-concrete, support blocks are positioned so they will not interfere with skid shoe installation.
2. Lower cutter onto solid, non-concrete, support blocks, place skid steer in park, set park brake, shut the skid steer off and remove switch key.
3. Remove the hardware securing both skid shoes (#1 & #4) from each side of the deck.
4. Plow bolts (#2) should be checked for wear and replaced if necessary.

5. Install the new skid shoes (#1 & #4) to one side of the deck as shown with 3/8"-16 GR5 plow bolts (#2), and 3/8" whiz nuts (#3). Tighten whiz nuts to correct torque.
6. Repeat step 5 for other side of the deck.
7. Raise cutter up and remove from solid, non-concrete, support blocks.

Skid Shoe Parts		
#	Part No.	Part Description
1	326-979H	SKID SHOE REAR LH
1	326-978H	SKID SHOE REAR RH
2	802-466C	PLOW 3/8"-16X1 1/4" GR5
3	803-198C	NUT HEX WHIZ 3/8"-16 PLT
4	326-980H	SKID SHOE FRT LH
4	326-977H	SKID SHOE FRT RH

Section 5: Maintenance & Lubrication

**Long-Term Storage**

Clean, inspect, service, and make necessary repairs to the SC6072 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.

**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 the hydraulics is off.*

**WARNING**

*To avoid serious injury or death:*

- *Always shut power machine down following the “Shutdown Procedure” provided in this manual before leaving the operator’s station.*
- *Do not alter attachment or replace parts on the attachment with other brands. Other brands may not fit properly or meet OEM (Original Equipment Manufacturer) specifications. They can weaken the integrity and impair the safety, function, performance, and life of the attachment. Replace parts only with genuine OEM parts.*

Clean the Skid Cutter at the end of the working season or when the cutter will not be used for a long period.

1. Clean off any dirt or grease that may have accumulated on the cutter and moving parts. Scrape off compacted dirt from the bottom of the deck and then wash the surface thoroughly with a garden hose. A coating of oil may also be applied to the lower deck area to minimize oxidation.
2. Check blades, carbide teeth and hardware for wear and replace if necessary. See “**Cutter Blade Maintenance**” on page 25 and “**Carbide Teeth Maintenance**” on page 26.
3. Inspect for loose, damaged, or worn parts and adjust or replace as needed.
4. Repaint parts where paint is worn or scratched to prevent rust.

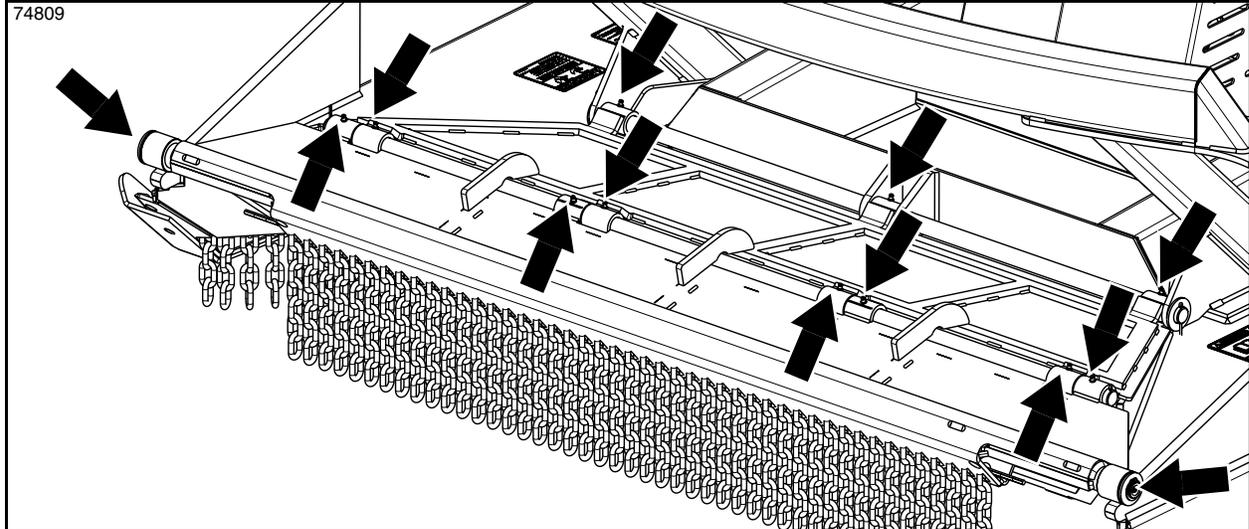
5. Replace all damaged or missing decals.
6. Lubricate as noted in the *Lubrication* portion of this section starting on page 29.
7. Store the Skid Cutter in a clean, dry place. The deck should be positioned on a flat surface to suitable skid steer hook-up height. Ensure that the main frame is stable.

**Touch-Up Paint**

Part No.	Part Description
821-070C	Gloss black enamel spray can
821-070CTU	Gloss black enamel bottle with brush
821-070CQT	Gloss black enamel quart
821-070CGL	Gloss black enamel gallon

### Lubrication Points

<b>Lubrication Legend</b>	Multi-purpose spray lube	Multi-purpose grease lube	Multi-purpose oil lube	<b>50 Hrs</b> Intervals in hours at which lubrication is required



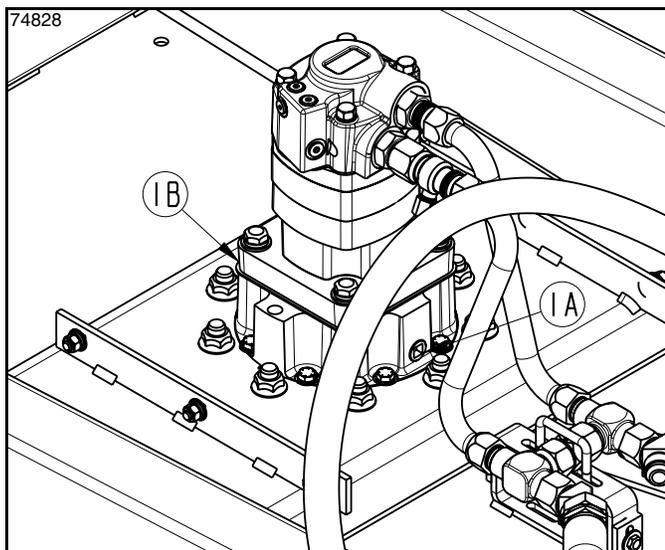
#### Bi-Fold Door

13- Zerks

Type of Lubrication: Multi-purpose Grease

Quantity = As required

	<b>25 Hours</b>
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**Gearbox Lubrication**

	<b>8 Hrs.</b>
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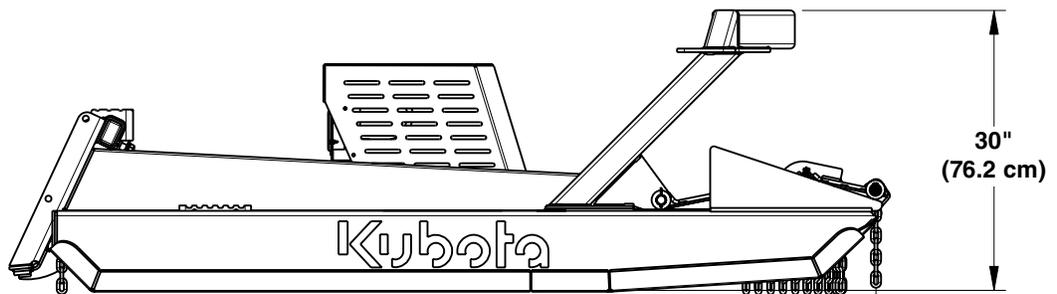
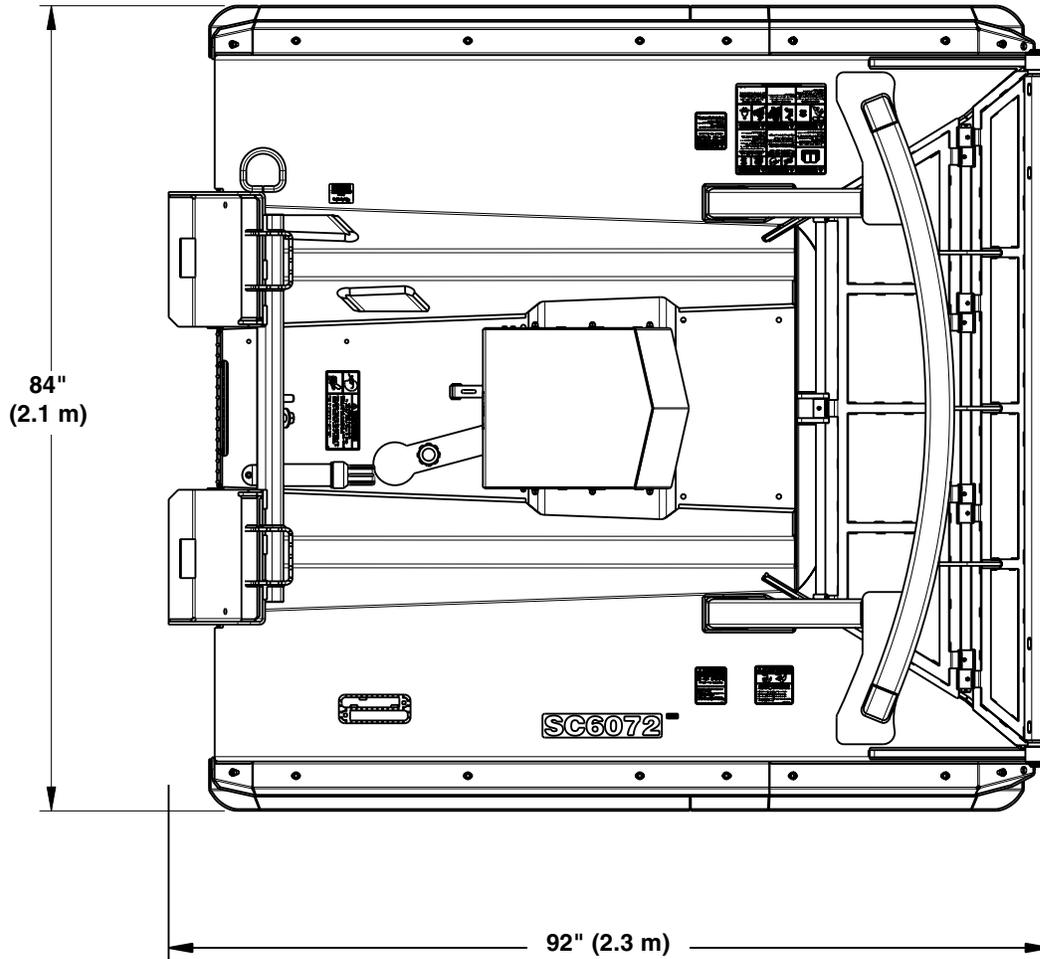
#### Gearbox

Two plugs (#1A & #1B) located on the sides of the gearbox.

1. Disengage blade hydraulics. Make sure blades have come to a complete stop.
2. Set cutter down on level ground.
3. Set park brake, shut engine off, and remove switch key before continuing.
4. Remove plug (#1A).
5. Add EP 80-90 weight gearlube as required. Full capacity of gearbox is approximately 20 oz (0.59 L).
6. Re-install plug and tighten.
7. Remove magnetic plug (#1B). Check for metal filings and clean annually.

**SC6072 Skid Cutter**

<b>Specifications &amp; Capacities</b>		
<b>Cutter weight with skid shoes</b>	lbs (kg)	1,980 (900)
<b>Hitch</b>		ISO 24410
<b>Cutting width</b>	in (m)	71 (1.8)
<b>Overall width</b>	in (m)	84 (2.1)
<b>Overall length</b>	in (m)	92 (2.3)
<b>Cutting height</b>	in (cm)	1 1/2 (3.8) to 18 (45.7) infinitely variable
<b>Cutting capacity</b>	in (cm)	6 (15) Diameter
<b>Gearbox oil capacity</b>	oz (L)	20 (.59)
<b>Gearbox oil</b>		EP 80-90 wt. gearlube
<b>High volume drive motor</b>	gpm (Lpm)	18-31 (68-117) flow
<b>Hydraulic pressure</b>	psi (mPa)	Up to 3,500 (24.1)
<b>Deck thickness</b>	in (mm)	1/4 (6)
<b>Side skirt construction</b>	in (mm)	1/4 (6) Steel
<b>Deck wear protection</b>		Four, corner-mounted skid shoes
<b>Skid shoe construction</b>	in (mm)	1/4 (6) plate
<b>Blade carrier</b>	in (mm)	Round 3/4 (19) plate
<b>Blade size</b>	in (mm)	1/2 (12.7)
<b>Blade rotation</b>		Clockwise
<b>Blade tip speed</b>	fpm (mps)	13,000(66) at 31 gpm (117 Lpm)
<b>Front deck protection</b>		Bi-fold door with single row chain guard
<b>Rear deck protection</b>		Single row chain guard
<b>Deck lift height protection</b>		Height adjustment safety chain
<b>Mulching teeth</b>	in (mm)	3/4 (19) SQ carbide
<b>Optional protective door material &amp; assembly weight</b>	lbs (kg)	Clear polycarbonate shield 10 lbs (4.5)



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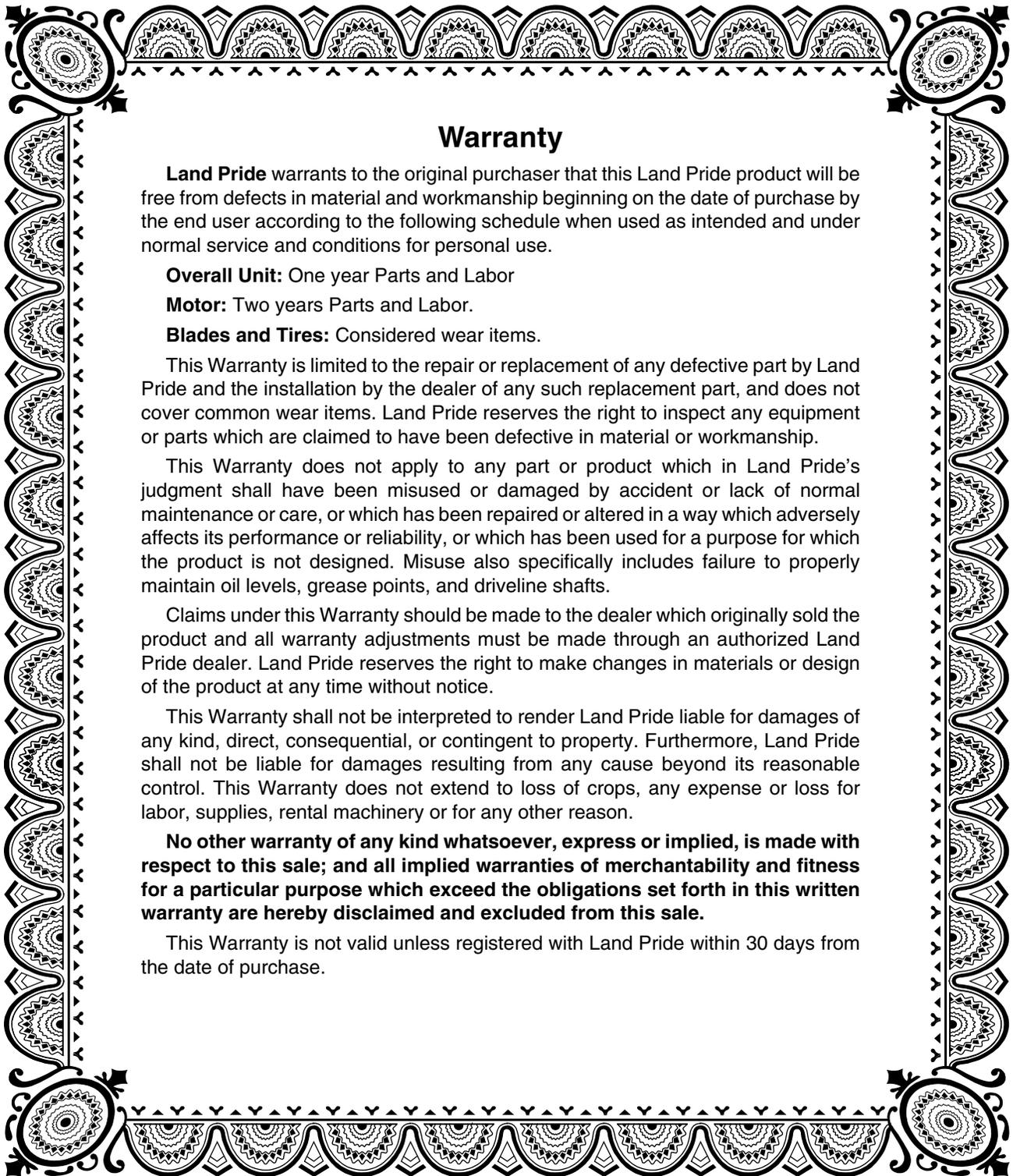
SC6072

Features	Benefits
<b>Case drain</b>	Protects hydraulic motor and seals.
<b>Front and rear chain guards</b>	Chain guards on the front and rear of deck. Reduces flying debris.
<b>Replaceable skid shoes</b>	Protect side plate structure. Shoes are replaceable for convenience.
<b>1/2" x 5" (1.3 cm x 12.7 cm) free-swinging blades</b>	Free-swinging blades protect from obstructions.
<b>6" (15 cm) cutting capacity</b>	Easily cuts brushy areas & trees up to 6" in diameter.
<b>Carbide teeth (standard)</b>	Grind down tree stumps.
<b>Push bar</b>	Pushes cut trees away from the operator cab.
<b>Motor pressure gauge (optional)</b>	Allows the operator to slow down to prevent stalling.
<b>Bi-Folding door</b>	Door will fold open when cutting heavy brush and trees. Covers the cutting chamber when not cutting in heavy brush.
<b>Height adjustment safety chain</b>	Provides additional operator protection from flying objects by allowing the Skid Cutter to only be lifted up to 18" (46 cm).
<b>1/4" (6 mm) thick deck</b>	Heavy deck design holds up to harsh conditions.
<b>Heavy blade carrier</b>	Provides inertia & strength for cutting trees and grinding stumps.
<b>Surpassed rugged industry standards</b>	All Kubota Cutters have been designed and tested to meet rigorous voluntary testing procedures according to ISO 4254-13.
<b>Polycarbonate door (optional)</b>	Provides layer of protection between the cutter and operator.
<b>1/4" (6 mm) side panels</b>	Reduces debris piercing possibilities.
<b>Beveled skid shoes</b>	Reduces gouging the ground.

**Troubleshooting Chart**

<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
<b>Motor oil seal leaking</b>	Return line from motor has been pinched or is collapsed.	Replace lower seal of motor. Check motor return hose for kinks.
	Case drain line is not properly connected.	Connect case drain line to the hydraulic motor and skid steer reservoir.
<b>Spindle hub seal leaking</b>	Seal is worn or torn.	Replace spindle hub output shaft seal.
<b>Blades wearing excessively</b>	Cutting on sandy ground.	Raise cutting height.
	Contacting ground frequently.	Raise cutting height.
<b>Blades coming loose</b>	Blade bolts not tightened properly.	Use new nut and torque blade bolt nuts to correct torque.
<b>Blade carrier becomes loose</b>	Running loose in the past.	Replace gearbox output shaft and blade carrier.
	Blade carrier hardware not tight enough.	Tighten to specified torque.
<b>Blade bolt holes worn</b>	Blade hardware running loose.	Replace blades and blade bolts if worn.
	Not maintaining tip speed.	Slow down or increase hydraulic flow to maintain tip speed.
<b>Blades breaking</b>	Hitting solid objects.	Thoroughly check the cutting area BEFORE beginning to cut. Be alert during cutting.
<b>Blade carrier bent</b>	Hitting solid objects.	Avoid solid objects/Be alert. Replace blade carrier.
<b>Excessive skid shoe wear</b>	Cutting height not level.	Adjust deck height or replace.
	Soil abrasive.	Raise cutting height.
	Cutting too low.	Raise cutting height.
<b>Excessive vibration</b>	Locked blades.	Inspect and unlock blades.
	Blades have unequal weight.	Replace blades in sets of 4.
	Blade carrier bent.	Replace blade carrier.

Torque Values Chart for Common Bolt Sizes													
Bolt Size (inches)	Bolt Head Identification						Bolt Size (Metric)	Bolt Head Identification					
	Grade 2		Grade 5		Grade 8			Class 5.8		Class 8.8		Class 10.9	
in-tpi <sup>1</sup>	N · m <sup>2</sup>	ft-lb <sup>3</sup>	N · m	ft-lb	N · m	ft-lb	mm x pitch <sup>4</sup>	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12	M 5 X 0.8	4	3	6	5	9	7
1/4" - 28	8.5	6	13	10	18	14	M 6 X 1	7	5	11	8	15	11
5/16" - 18	15	11	24	17	33	25	M 8 X 1.25	17	12	26	19	36	27
5/16" - 24	17	13	26	19	37	27	M 8 X 1	18	13	28	21	39	29
3/8" - 16	27	20	42	31	59	44	M10 X 1.5	33	24	52	38	72	53
3/8" - 24	31	22	47	35	67	49	M10 X 1.25	35	26	53	39	76	56
7/16" - 14	43	32	67	49	95	70	M12 X 1.75	58	42	91	67	125	93
7/16" - 20	49	36	75	55	105	78	M12 X 1.5	60	44	95	70	130	97
1/2" - 13	66	49	105	76	145	105	M12 X 1	90	66	105	77	145	105
1/2" - 20	75	55	115	85	165	120	M14 X 2	92	68	145	105	200	150
9/16" - 12	95	70	150	110	210	155	M14 X 1.5	99	73	155	115	215	160
9/16" - 18	105	79	165	120	235	170	M16 X 2	145	105	225	165	315	230
5/8" - 11	130	97	205	150	285	210	M16 X 1.5	155	115	240	180	335	245
5/8" - 18	150	110	230	170	325	240	M18 X 2.5	195	145	310	230	405	300
3/4" - 10	235	170	360	265	510	375	M18 X 1.5	220	165	350	260	485	355
3/4" - 16	260	190	405	295	570	420	M20 X 2.5	280	205	440	325	610	450
7/8" - 9	225	165	585	430	820	605	M20 X 1.5	310	230	650	480	900	665
7/8" - 14	250	185	640	475	905	670	M24 X 3	480	355	760	560	1050	780
1" - 8	340	250	875	645	1230	910	M24 X 2	525	390	830	610	1150	845
1" - 12	370	275	955	705	1350	995	M30 X 3.5	960	705	1510	1120	2100	1550
1-1/8" - 7	480	355	1080	795	1750	1290	M30 X 2	1060	785	1680	1240	2320	1710
1-1/8" - 12	540	395	1210	890	1960	1440	M36 X 3.5	1730	1270	2650	1950	3660	2700
1-1/4" - 7	680	500	1520	1120	2460	1820	M36 X 2	1880	1380	2960	2190	4100	3220
1-1/4" - 12	750	555	1680	1240	2730	2010	<sup>1</sup> in-tpi = nominal thread diameter in inches-threads per inch <sup>2</sup> N · m = newton-meters <sup>3</sup> ft-lb= foot pounds <sup>4</sup> mm x pitch = nominal thread diameter in millimeters x thread pitch						
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							
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)													
26 Additional Torque Values													
Blade Bolt Locknut							450 ft-lbs (610 Nm)						
Blade Carrier Mounting Bolts							150 ft-lbs (205 Nm) (apply blue Loctite)						
Carbide Tooth Nut							110 ft-lbs (150 Nm)						



## 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

**Motor:** Two years Parts and Labor.

**Blades and Tires:** 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. 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 \_\_\_\_\_

### **Legal Disclaimer**

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