4-in-1 Combination Bucket
CB0550

381-139M
Operator’s Manual

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

Cover photo may show optional equipment not supplied with standard unit.
For an Operator’s Manual and Decal Kit in French Language, please see your Land Pride dealer.

Printed 2/5/19
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.

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<th>Model Number</th>
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Dealer Contact Information

Name: ____________________________
Street: ____________________________
City/State: ____________________________
Telephone: ____________________________
Email: ____________________________

California Proposition 65

⚠️ WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov
See previous page for Table of Contents.

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

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

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

Safety at All Times
Careful operation is your best assurance against an accident.

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

- Thoroughly read and understand the “Safety Label” section. Read all instructions noted on them.
- Do not operate the equipment while under the influence of drugs or alcohol as they impair the ability to safely and properly operate the equipment.
- The operator should be familiar with all functions of the tractor 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 attachment.
- Keep all bystanders away from equipment and work area.
- Start tractor from the driver’s seat with hydraulic controls in neutral.
- Operate tractor and controls from the driver’s seat only.
- Never dismount from a moving tractor or leave tractor unattended with engine running.
- Do not allow anyone to stand between tractor and attachment while hooking-up.
- Keep hands, feet, and clothing away from power-driven parts.
- While transporting and operating equipment, watch out for objects overhead and along side such as fences, trees, buildings, wires, etc.
- Store attachment in 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 involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control, and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

Be Aware of Signal Words
A signal word designates a degree or level of hazard seriousness. The signal words 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.

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 tractor down if children enter the work area.
- Never carry children on the tractor 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 tractor starts to move, look down and behind to make sure the area is clear.

Tractor Shutdown & Storage

- If engaged, disengage power take-off.
- Park on solid, level ground and lower attachment to ground or onto support blocks.
- Put tractor in park or set park brake, turn off engine, and remove switch key to prevent unauthorized starting.
- Relieve all hydraulic pressure to auxiliary hydraulic lines.
- Wait for all components to stop before leaving operator’s seat.
- Use steps, grab-handles and anti-slip surfaces when stepping on and off the tractor.
- Detach and store attachment in an area where children normally do not play. Secure attachment using blocks and supports.
Listed below are common practices that may or may not be applicable to the products described in this manual.

**Dig Safe - Avoid Underground Utilities**
- **USA:** Call 811
- **CAN:** digsafecanada.ca

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

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

**Use A Safety Chain**
- A safety chain will help control drawn machinery should it separate from the tractor drawbar.
- Use a chain with the strength rating equal to or greater than the gross weight of the towed implement.
- Attach the chain to the tractor drawbar support or other specified anchor location. Allow only enough slack in the chain to permit turning.
- Always hitch the implement to the machine towing it. Do not use the safety chain to tow the implement.

**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 hydraulic 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 parts are in good condition & installed properly.
- Replace parts on this attachment with genuine Land Pride parts only. Do not alter this attachment in a way which will adversely affect its performance.
- Do not grease or oil attachment while it is in operation.
- Remove buildup of grease, oil, or debris.
- Always make sure any material and waste products from the repair and maintenance of the attachment are properly collected and disposed.
- Remove all tools and unused parts before operation.
Important Safety Information

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

Prepare for Emergencies

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

Wear Personal Protective Equipment (PPE)

▲ Wear protective clothing and equipment appropriate for the job such as safety shoes, safety glasses, hard hat, 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 equipment safely requires the operator’s full attention. Avoid wearing headphones while operating equipment.

Avoid High Pressure Fluids Hazard

▲ Escaping fluid under pressure can penetrate the skin 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 tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.
▲ Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
▲ Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
▲ DO NOT DELAY. If an accident occurs, see a doctor familiar with this type of injury immediately. Any fluid injected into the skin or eyes must be treated within a few hours or gangrene may result.

Use Safety Lights and Devices

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

Use Seat Belt and ROPS

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

Keep Riders Off Machinery

▲ Never carry riders on tractor or implement.
▲ 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 tractor or implement to lift or transport riders.
Safety Labels

Your 4-in-1 Combination Bucket 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 Land Pride dealer. To find your nearest dealer, visit our dealer locator at www.landpride.com.
3. Some new equipment installed during repair requires safety labels to be affixed to the replaced component as specified by Land Pride. When ordering new components make sure the correct safety labels are included in the request.

4. Refer to this section for proper label placement.
To install new labels:
   a. Clean 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 with a similar type of straight edge.

858-237C
Warning: Underground Utility Hazard (1-Place)

838-293C
Warning: Read Operator's Manual (1-Place)

838-094C
Warning: High Pressure Fluid Hazard (1-Place)
Important Safety Information

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Warning: Pinch Point Crushing Hazard (2-Places) Left-hand & right-hand side panels.

Warning: Moving Parts & High Pressure Fluid Hazard (2-Places) Left-hand & right-hand hydraulic cylinders.
Introduction

Land Pride welcomes you to the growing family of new product owners. This 4-in-1 Combination Bucket 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

The Land Pride 4-in-1 Combination Bucket, Model CB0550, is designed exclusively for attaching to Kubota 60 & 70 Series BX tractors with a front loader. It has uses and applications in farming, ranching, hobby farming, landscaping, nurseries, small orchards, small vineyards, resorts, campuses, and parks. Use your BX tractor with attached bucket to move dirt, sand, gravel, and other loose materials as follows:

- Use bucket with the jaw closed to load and carry material. Tilt bucket or open jaw to dump material.
- Fully open jaw to use bucket as a dozer to dig, move, and backfill. Close jaw to capture a load.
- Fully open jaw and tilt bucket face down to use jaw for digging, scraping, leveling, and finish grading.
- Use jaw as a grapple to pick up materials such as rocks, tree branches, sticks, loose hay, silage, and manure.

The spill guard at the back of the bucket adds capacity and helps hold loose materials in the bucket while picking up a load and transporting a load.

BX Kubota tractor users will find this Land Pride attachment saves time and money while getting that material handling job done a whole lot easier.

See “Specifications & Capacities” on page 19 and “Features & Benefits” on page 20 for additional information and performance enhancing options.

Using This Manual

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

Terminology

“Right” or “Left” as used in this manual is determined by facing forward in the direction the machine will operate while in use unless otherwise stated.

Definitions

**NOTE:** A special point of information that the operator should be aware of before continuing.

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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 4-in-1 Combination Bucket have been specially designed by Land Pride and should only be replaced with genuine Land Pride parts. Contact a Land Pride dealer if customer service or repair parts are required. Your Land Pride dealer has trained personnel, repair parts, and equipment needed to service the attachment.

Serial Number

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

Further Assistance

Your dealer wants you to be satisfied with your new 4-in-1 Combination Bucket. 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 problem, and request assistance.
3. For further assistance write to:

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

E-mail address
lpservicedept@landpride.com

IMPORTANT: A special point of information related to the following topic. Land Pride's intention is this information must be read & noted before continuing.
Assembly & Set-up

Tractor Requirements
The CB0550 bucket is designed exclusively for attaching to Kubota BX tractors with a front loader.

Kubota Tractor:
60 & 70 Series BX Tractors With a Front Loader

Hitch Requirement:
Kubota’s Original Quick Hitch Option No. BX6315 or Land Pride’s Extended Hitch Pin Option, Part No. 380-146A

Hydraulic Outlets:
Land Pride’s Third Function Valve Accessory Kit, Part No. 380-137A

Tractor Weight:
See Warning Note Below

⚠️ WARNING
To avoid serious injury or death:
- Consult your power machine’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.
- Lightweight tractors with rear attached implements may need weights added to the front to maintain steering control. Consult your tractor Operator’s Manual to determine proper weight requirements and maximum weight limitations.

Before You Start
⚠️ WARNING
To avoid serious injury or death:
Allow only persons to operate this implement who have fully read and comprehended this manual, who have been properly trained in the safe operation of this implement, and who are age 16 or older. Serious injury or death can result from the inability to read, understand, and follow instructions provided in this manual.

Read and understand the operator’s manual for your bucket. An understanding of how it works will aid in assembly and setup of your bucket.

It is best to go through the Assembly Checklist below before assembling the bucket. Speed up your assembly task and make the job safer by having all needed parts and equipment readily at hand.

Torque Requirements
See “Torque Values Chart” page 22 to determine correct torque values when tightening hardware.

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Assembly Checklist

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<tr>
<td>Have a hoist, fork lift or loader with properly sized chains and</td>
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<td>safety stands capable of lifting and supporting the equipment on</td>
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<td>hand.</td>
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<td>Have a minimum of two people available during assembly.</td>
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<td>Make sure all major components and loose parts are shipped with</td>
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<td>the machine.</td>
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<tr>
<td>Double check to make sure all parts, fasteners and pins are</td>
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<td>installed in the correct location to lessen the chance of using a</td>
<td>Manual</td>
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<td>bolt incorrectly. Refer to the Parts Manual if unsure.</td>
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<td>Make sure working parts move freely, bolts are tight &amp; cotter pins</td>
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<td>are spread.</td>
<td>Operator’s</td>
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<tr>
<td>Make sure all safety labels are correctly located and legible.</td>
<td>Manual</td>
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<td>Replace if damaged.</td>
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Tractor Shutdown Procedure
The following are basic tractor shutdown procedures. Follow these procedures and any additional shutdown procedures provided in your tractor Operator’s Manual before leaving the operator’s seat.

1. Reduce engine speed and shut-off all power to the attachment.
2. Park tractor and attachment on solid, level ground.
3. Lower attachment until it is flat on the ground or on non-concrete support blocks.
4. Put tractor in park or set park brake, turn off engine, and remove switch key to prevent unauthorized starting.
5. Relieve all hydraulic pressure to auxiliary hydraulic lines.
6. Wait for all components to come to a complete stop before leaving the operator’s seat.
7. Use steps, grab-handles and anti-slip surfaces when stepping getting on and off the tractor.
Section 1: Assembly & Set-up

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Section 1: Assembly & Set-up

BX Third Function Valve Accessory Kit
380-137A VALVE KIT, BX THIRD FUNCTION

Refer to Figure 1-1:

Land Pride offers, as an accessory, the "BX Third Function Valve Kit". This kit includes a joystick with two push-buttons (#14) for opening and closing the bucket jaw, valve assembly (#2), bulk head assembly with quick disconnect couplings (#1) to make hooking and unhooking hydraulic hoses easier, and hose holder (#3) for protecting the hoses from becoming pinched.

Initial Preparations

Valve Assembly
Refer to Figure 1-2:

1. Attach valve assembly support bracket (#2) to existing hole "A" in tractor platform with 5/16" x 1" bolt (#6) and hex whiz nut (#8). Tighten hex whiz nut to 17 ft-lbs.
2. Route hydraulic hoses (#13 & #17) left of mounting bracket (#2) and down beneath tractor platform.

Connect Hydraulic Hoses to Power Beyond
Refer to Figure 1-1 & Figure 1-2:

IMPORTANT: Land Pride recommends that your dealer connect hydraulic hoses (#13 & #17) to your tractor’s power beyond ports. Improper hook-up could cause damage to your tractor.

1. Place chocks in front and back of tractor’s left rear wheel.
2. Loosen lug nuts on right rear wheel. Do not remove lug nuts at this time.
3. Jack right rear wheel off the ground and place a jack stand under the right rear wheel axle.
4. Lower right rear axle onto the jack stand. The wheel should still be slightly off the ground. Make sure jack stand is secure and will not slip out from under tractor axle.
5. Remove lug nuts and right rear wheel.
6. Locate steel line connecting power beyond port of the loader valve to the outlet block. The outlet block is directly behind the right rear tire. The steel line consists of two shorter lines connected together to make one long steel line. Remove the rear short line.
7. Connect free end of hydraulic hose #13 to power beyond port on the outlet block.
8. Connect free end of hydraulic hose #17 to the remaining front short steel line, which is connected to the loader valve.
9. Secure hoses to underside of tractor with cable ties (#4).
10. Replace right rear wheel and screw lug nuts on until snug.

11. Jack axle up and remove jack stand.
12. Lower tractor down and tighten lug nuts in a crisscross pattern. Refer to tractor Operator’s Manual for proper torque value.
13. Remove chocks.
Control Lever Assembly
Refer to Figure 1-3:
1. Remove existing knob from end of control lever “B”.
2. Install new joystick (#14) over end of control lever “B” with push buttons “C” facing operator.
3. Tighten set screws (#5) against control lever “B”. Tighten jam nuts (#7) to secure set screws.

Refer to Figure 1-1 on page 8:
4. Connect two red wires from joystick (#14) to one wire of fuse holder (#15). Then connect opposite end of fuse holder wire to the battery's positive (+) post.
5. Connect black wires from joystick (#14) to control valve (#12).
6. Secure black and red wires with cable ties (#4).

Cross Beam Mount Assembly
Refer to Figure 1-1 on page 8 & Figure 1-4:
1. Orient as shown and attach bulk head mount (#1) to the right-hand side of loader crossbeam with u-bolt (#11) and hex whiz nuts (#9). Tighten hex whiz nuts to 20 ft-lbs.

Refer to Figure 1-1 on page 8 & Figure 1-5:
2. Route hoses (#18 & #19) along loader arm and through loader loop bracket to valve block (#12).
3. Connect hydraulic hose (#18) to port “A” on the left-hand side of valve block (#12).
4. Connect hydraulic hose (#19) to port “B” on the right-hand side of valve block (#12).
5. Secure hydraulic hoses (#18 & #19) as needed with cable ties (#4).

Hose Holder Bracket Assembly
Refer to Figure 1-1 on page 8 & Figure 1-4:
1. Attach hose holder bracket (#3) to the loader’s right-hand arm as shown in Figure 1-4 with 3/8”-16 x 3” x 2 3/4” u-bolt (#10) and hex whiz nuts (#9). Tighten whiz nuts to the correct torque.
Hook-up With BX Quick Hitch

**DANGER**
To avoid serious injury or death:
A crushing hazard exists while hooking-up and unhooking the attachment. Do not allow anyone to stand between attachment and power machine while approaching or backing away from the attachment. Do not operate lift and/or tilt controls while someone is near the power machine and/or attachment.

**WARNING**
To avoid serious injury or death:
Make sure bucket is properly attached to Kubota’s quick hitch to keep it from coming loose and falling. The bucket’s center hitch pin must be cradled in the quick hitch j-hook and clevises must be pinned to the quick hitch with hitch pins. Hitch pins must be secured with retaining pins.

Follow instructions below if hooking bucket to “Kubota Original Quick Hitch” Option No. BX6315. If hooking bucket directly to the front loader, skip to “Hook-up Without BX Quick Hitch” on page 11.

Refer to Figure 1-6:
1. Check for and remove any debris in the hitch point areas before hooking up the 4-in-1 Combination Bucket.
2. Remove retaining pins (#3A) and hitch pins (#3B).
3. Rotate top of quick hitch forward and lower loader arms until j-hook (#5) is positioned at a height to fit under center hitch pin (#2).
4. Slowly drive tractor forward until j-hook (#5) is positioned under center hitch pin (#2).
5. Slowly raise loader arms and rotate top of quick hitch back until center hitch pin (#2) is fully seated in j-hook (#5) and holes in bushings (#4) are in-line with clevis pin holes (#1).
7. Insert hitch pins (#3B) in clevises (#1) and lower quick hitch bushings (#4).
8. Secure hitch pins (#3B) with wire retaining pins (#3A) as shown in Detail A.
9. Refer to Figure 1-9 on page 12: Connect hose couplers (#6 & #7) to bulk head couplers “A” & “B”. See “Hydraulic Hose Hook-up” on page 12 for detailed instructions.

Unhook With BX Quick Hitch

**WARNING**
Store attachment in a secure position on solid, level ground with upper jaw fully closed. If stored improperly, the attachment can easily tip over onto a person.

Refer to Figure 1-6:
1. See “Long-Term Storage” on page 18 when parking bucket for long periods or at the end of the season.
3. Refer to Figure 1-9 on page 12: Disconnect bucket hydraulic hoses (#6 & #7) from bulk head couplings “A” & “B” and remove hoses from hose holder (#3). Store hoses on bucket.
4. Remove retaining pins (#3A) and hitch pins (#3B) from lower clevises (#1).
5. Return to the tractor, start engine, and slowly lower loader arms while rotating top of quick hitch forward until j-hook (#5) is below center hitch pin (#2).
6. Slowly and carefully back away from the attachment.
7. Rotate top of quick hitch back until vertical and position loader arms to a suitable traveling height.
8. Shut tractor down properly before dismounting.
9. Replace hitch pins (#3B) in quick hitch bushings (#4) and secure with retaining pins (#3A).
Section 1: Assembly & Set-up

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Hook-up Without BX Quick Hitch

**DANGER**
To avoid serious injury or death:
A crushing hazard exists while hooking-up and unhooking implement. Keep people and animals away while backing-up to implement or pulling away from implement. Do not operate hydraulic controls while a person or animal is directly behind the power machine or near the implement.

**WARNING**
To avoid serious injury or death:
Make sure bucket is properly attached to Kubota’s BX front loader to keep it from coming loose and falling. The center hitch pin must be properly installed and secured with bolt and nut. The lower clevis pins must be properly installed and secured with hairpins.

Refer to Figure 1-8:

**Extended Hitch Pin Option #380-146A**

Refer to Figure 1-7:

**Hook-up Without Kubota’s Original Quick Hitch**

Refer to Figure 1-7:
Follow steps 3-7 on this page if hooking bucket directly to the front loader arms. If hooking bucket to “Kubota’s Original Quick Hitch”, see “Hook-up With BX Quick Hitch” on page 10.

1. Unhook existing attachment from Kubota’s BX front loader arms. Refer to Kubota Operator’s Manual for detailed instructions.
2. Store Kubota’s existing lower hitch pins and center hitch pin with existing attachment.
3. Check for and remove any debris in the hitch point areas before hooking-up 4-in-1 Combination Bucket.
4. Slowly approach bucket until loader arm hitch holes are aligned with bucket lower clevis hitch pin holes.
5. Place transmission in park, shut tractor engine off, remove switch key, and dismount tractor.
6. Pin lower clevises to the front loader lift arms with extended hitch pins (#1) and secure with hairpin cotters (#5).
7. Pin upper center clevis to the hydraulic cylinder rod with hitch pin (#2). Secure hitch pin with hex bolt (#3) and locknut (#4). Draw locknut up snug; do not tighten.
8. Refer to Figure 1-9 on page 12: Connect hose couplers (#6 & #7) to bulk head couplers “A” & “B”. See “Hydraulic Hose Hook-up” on page 12 for detailed instructions.

380-146A Option, BX LOADER DIRECT PIN
Land Pride’s “BX Direct Pin Option” is required when hooking bucket directly to the front loader arms. See your nearest Land Pride dealer to order this kit.
Section 1: Assembly & Set-up

Hydraulic Hose Hook-up (Shown with QH Hook-up)  
Figure 1-9

Hydraulic Hose Hook-up
Refer to Figure 1-9:
1. Route bucket hydraulic hoses (#6 & #7) straight through hose holder bracket (#3).

IMPORTANT: Make sure coupler fittings on the hydraulic hoses and power machine are clean before connecting them together.

2. Clean quick disconnect couplers of dirt and grease.
3. Connect lower hydraulic hose (#6) to quick disconnect coupler “A”.
4. Connect upper hydraulic hose (#7) to quick disconnect coupler “B”.
5. Make sure quick disconnect couplers are fully engaged. If they are not, check the following:
   a. Make sure couplers are same size and type.
   b. Make sure hydraulic system pressure has been released.
6. Extend and retract hydraulic cylinder with the push-button joystick. Switch hydraulic hoses (#6 & #7) at couplers (“A” & “B”) if hydraulic cylinders operate opposite of the direction intended.
7. Check tractor hydraulic fluid level. If low, add recommended hydraulic fluid. Refer to your tractor Operator’s Manual for recommended hydraulic fluid and procedure for checking the level.

Unhook Without BX Quick Hitch

WARNING
To avoid serious injury or death:
Store bucket on solid, level ground with the upper jaw fully closed. The bucket can tip over and cause serious injury or death if stored improperly.

1. See “Long-Term Storage” on page 18 when parking bucket for a long period or at the end of the season.
3. Refer to Figure 1-9: Disconnect hydraulic hoses (#6 & #7) from bulk head couplings “A” & “B” and remove from hose holder (#3). Store hoses on bucket.

Refer to Figure 1-7 on page 11:
4. Pull hairpin cotters (#5) and remove lower hitch pins (#1) from the bucket.
5. Remove nut (#4), bolt (#3), and hitch pin (#2).
6. Restart tractor and back away from bucket.
8. Replace hitch pins (#1 & #2) in the bucket clevises.
9. Secure lower hitch pins with hairpin cotters (#5).
10. Secure center hitch pin with bolt (#3) and lock nut (#4). Screw locknut on only 3 or 4 full turns.

Check Equipment Clearances
It is important to check clearance between tractor and bucket before putting bucket into service. Make sure hoses are long enough and won’t become pinched or entangled in the equipment. Also, make sure the bucket does not come in contact with tractor loader by carefully going through its full range of motions.

1. Visually inspect hydraulic hoses for possible pinch points and shortness. Make hose adjustments before operating hydraulics to check clearances.
2. Start tractor and raise bucket approximately 12” off the ground.
3. If necessary, have someone stand nearby that can motion for the operator to stop if a problem develops while completing steps 4-7 below.
4. Fully extend bucket hydraulic cylinders to pivot upper jaw fully down.
5. Raise loader arms just enough for the bucket to clear the ground while extending and retracting tilt cylinder on end of loader.
6. Fully extend and retract tilt cylinder on end of loader while watching for interferences between loader, bucket, and hydraulic hoses. Stop movement if hoses are interfere with loader or tractor.
7. Fully retract bucket cylinders to pivot upper jaw fully up and repeat steps 5 & 6.
8. Raise loader arms fully up and repeat steps 4 & 6.
9. Lower bucket to ground & close upper bucket jaw.
10. Recheck tractor hydraulic fluid level before putting bucket into operation. Refer to your tractor’s Operator’s Manual for recommended hydraulic fluid and procedure for checking hydraulic fluid level.
Startup 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 4-in-1 Combination Bucket. Therefore, it is absolutely essential that no one operates the bucket unless they are age 16 or older and 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 7
- **Section 2: Operating Procedures**, page 13
- **Section 3: Maintenance**, page 18

Perform the following inspections before using your CB0550 4-in-1 Combination Bucket.

### Operating Checklist

<table>
<thead>
<tr>
<th>Check</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make sure all guards &amp; shields are in place &amp; in good working condition.</td>
<td>None</td>
</tr>
<tr>
<td>Follow hook-up instructions. Refer to “Section 1: Assembly &amp; Set-up”.</td>
<td>7</td>
</tr>
<tr>
<td>Check hitch hook-up. Refer to “Hook-up With BX Quick Hitch” or “Hook-up Without BX Quick Hitch”.</td>
<td>10 &amp; 11</td>
</tr>
<tr>
<td>Make sure operator has read and understands how to operate the 4-in-1 Combination Bucket. Refer to “Section 2: Operating Procedures”.</td>
<td>13</td>
</tr>
<tr>
<td>Required maintenance has been completed. Refer to “Section 3: Maintenance”.</td>
<td>18</td>
</tr>
<tr>
<td>Check bucket initially and periodically for loose bolts and pins. Refer to “Torque Values Chart”.</td>
<td>22</td>
</tr>
</tbody>
</table>

### General Inspection
Make the following inspections with bucket attached to a tractor parked on a level surface.

1. Complete Operating Checklist provided above.
2. Inspect tractor safety equipment to make sure it is in good working condition and that all safety alert decals are visible and legible. Replace all missing and/or illegible safety alert decals. See **Safety Labels** on page 4:
3. Inspect hitch hook-up to bucket:
   - **Standard Hook-up**: Make sure cylinder rod is secured to center clevis with hitch pin, hitch pin bolt, and locknut. Make sure loader arms are secured to clevises with hitch pins and hairpins.
   - **Quick Hitch Hook-up**: Make sure center j-hook is secured under the bucket’s center hitch pin and hitch pin is secured with hex bolt and locknut. Make sure loader arms are secured to the clevis plates with hitch pins and linchpins.
4. Consult your tractor Operator’s Manual to determine if ballast is required. Add ballast if necessary.
5. Inspect condition of hydraulic hoses, fittings, and valves before starting the tractor. Make sure hoses do not contact moving parts, and they are not pinched, kinked, twisted, or frayed.
6. Operate hydraulic controls to verify control movements function properly and equipment movements are correct. Make any necessary changes to controls and hydraulic hook-ups before putting equipment into service.
7. Operate bucket through its full range of movements to check for clearances. Refer to “**Check Equipment Clearances**” on page 12 for detailed instructions.
8. Purge hydraulic system of trapped air by operating all hydraulic functions several times before putting unit into service.

### Operating Safety

**DANGER**

To avoid serious injury or death:

- The operator of this attachment must know how to control the power machine with attachment and how to stop them quickly in an emergency.
- Keep attachment, loader arms, and/or load away from overhead electrical power lines. Place an orange warning sign under overhead lines indicating type of danger above.
- Do not drive up to anyone or an animal in front of a fixed object such as a wall or bench. Never assume that the power machine will stop in time.
- Keep bystanders, pets, and livestock away from your work area. Never allow anyone to go near or under the attachment or its load. The attachment and/or load can fall.
- Make sure all objects are contained and/or secured before lifting. Do not lift a load that cannot be contained in the attachment as the load can shift and fall.
- Do not lift a load that cannot be contained in the attachment.
- Keep load positioned forward enough to prevent accidental spillage on operator and power machine.
- Keep load slightly tilted back to secure its weight against the hitch frame. Rotating top of hitch frame back too far can cause load to shift and fall rearward onto the machine and/or operator. Rotating top of hitch frame forward too far can cause load to shift and fall forward.
- Use a “spotter” when it is hard to see in the direction you are traveling and when placing a load that obstructs your vision. A person or animal could be nearby in a blind spot.
- Be safe, lift only loads with the loader arms that can be kept under control and contained. An uncontrolled load can result in a serious injury or death.
- Make sure the machine is stopped on solid, level ground before raising load to dump. To maintain stability, raise load only to the height necessary to complete the dump.
Never dump a load around gas lines, overhead power lines, utilities, or other hazards that can cause serious injury or death from electrocution, explosion, or fire.

Always secure equipment with solid, non-concrete supports before working under it. Never go under equipment supported by concrete blocks or hydraulics. Concrete can break, hydraulic lines can burst, and/or hydraulic controls can be actuated even when power to hydraulics is off.

**WARNING**

To avoid serious injury or death:

- Do not abuse equipment. Incorrect use of the attachment can damage equipment structurally and cause serious injury or death.
- Never carry riders on the implement or tractor. Riders can obstruct the operator’s view, interfere with control of the equipment, be pinched by moving components, become entangled in rotating components, be struck by objects, be thrown or fall from the equipment, etc.
- Do not alter implement or replace parts on the implement 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 implement. Replace parts only with genuine OEM parts.
- Use a power machine of adequate size for the load being carried. An undersized machine can roll over when raising the loader arms due to high center of gravity.
- Do not chain or strap loads to the loader arms, hitch, or attachment. Hitting solid objects with a load fastened to the attachment or machine can cause the operator to lose control.
- Do not use equipment to lift, carry, push or tow other equipment and objects. It is not properly designed or guarded for this use.
- Do not use attachment for pulling objects out of the ground, for prying other objects, or for pushing and towing other equipment.
- Do not use attachment to lift the front or back of the power machine off the ground. Doing so can damage the attachment, power machine, and/or cause serious injury or death.
- Never make contact with underground utilities such as electrical power lines, gas lines, phone lines, etc. They can cause serious injury or death from electrocution, explosion, or fire. If in doubt, call 811 (USA) before digging so that they can mark the location of underground services in the area. For contact information, see Dig Safe in the “Important Safety Information” starting on page 1.

- Allow only persons to operate this implement who have fully read and comprehended this manual, who have been properly trained in the safe operation of this implement, and who are age 16 or older. Serious injury or death can result from the inability to read, understand, and follow instructions provided in this manual.
- Operate only power machines equipped with a certified Roll-Over Protective Structure (ROPS) and seat belt. Keep folding ROPS in the “locked up” position when appropriate. If ROPS is in the locked up position, fasten seat belt snugly and securely to help protect against serious injury or death from falling and machine overturn.
- Lightweight power machines may need weight added to the rear to maintain steering control and prevent forward tipping or side tipping caused by a heavy front load. Consult your power machine Operator’s Manual to determine proper weight requirements and maximum weight limitations.
- Keep load centered, even when stopped. This will optimize load stability and protect against load shifting.
- Hydraulic fluid under high pressure can penetrate the skin and/or eyes causing a serious injury. Wear protective gloves and safety glasses or goggles when working with hydraulic systems. Use a piece of cardboard or wood rather than hands when searching for leaks. A doctor familiar with this type of injury must treat the injury within a few hours or gangrene may result. DO NOT DELAY.
- Make sure safety labels are in their proper location and are in good condition before operating the attached implement. Read and obey all instructions on the labels.
- Keep body, body extremities, loose clothing, pull strings, etc. away from pinch points such as rotating, extending, and/or retracting components. Secure pinch point areas to ensure they will not move before working on or near them.
- Always lower bucket to ground level and fully close the jaw before dismounting the tractor.
- Follow recommendations in the power machine Operator’s Manual when parking or dismounting the power machine.
- Wear appropriate personal protective gear, including eye protection when appropriate, when operating a power machine without an enclosure or protective shield. Dust and debris can get into the eyes.
Transporting

⚠️ DANGER
To avoid serious injury or death:
Keep attachment, loader arms, and/or load away from overhead electrical power lines. Place an orange warning sign under overhead lines indicating type of danger above.

⚠️ WARNING
To avoid serious injury or death:
- Follow all safety precautions when transporting a load. Not using safe transporting methods can damage the equipment and cause serious injury or death.
- Select a safe ground speed when transporting. Never travel at a speed which does not allow adequate control of steering and stopping, and never exceed 20 mph (32.2 km/h) with attached equipment. Rough terrain requires a slower speed.
- Always transport loads as close to the ground as possible without hitting objects. A load carried high could shift causing the load to fall, tipping of the machine, and/or loss of control.
- Always transport over ramps and inclines with the heavy end of the power machine on the “uphill” side. This may require one to drive up and back down inclines.
- Always travel straight up and straight down inclines. Make turns only on level ground.
- Transferring loads across inclines, over ramps, on bumpy, soft, or slippery surfaces reduces machine stability and lift capacity. Transferring and lifting loads under these conditions is extremely dangerous. Follow all transport instructions in your power machine Operator’s Manual.
- When traveling on public roadways, travel in such a way that faster moving vehicles may pass safely. Use accessory 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.

Combination Bucket Operation

⚠️ WARNING
To avoid serious injury or death:
- Keep bystanders at a safe distance when entering and picking up a load. Objects can shift or be thrown suddenly as the attachment makes contact with load causing serious injury or death.
- Enter pick-up zone carefully making sure no object will come through or pass the attachment into the operator’s space.
- Read and understand all safety alerts under “Operating Safety” on page 13.

IMPORTANT: Do not ram bucket into a pile or hook a chain to the bucket to secure a load. Doing so can damage the bucket.

Operating Tips
1. Go slowly when first learning how to operate the bucket and loader.
2. Keep work area small and travel distance short to make the job more efficient.
3. When setting up a work site, choose a site that is level, clear of low hanging electrical lines, and free of obstructions such as trees, fences, and buildings.
4. Reduce number of cycles by filling the bucket to rated capacity.
5. Keep loaded bucket low to the ground when transporting. Always drive up and down slopes with load on the uphill side. This will require backing down a slope to keep load on the uphill side.
6. To keep material from spilling over the back, tilt bucket forward to maintain bucket levelness while raising loader arms or traveling up a slope.
7. To keep material from spilling over the front, tilt bucket back to maintain bucket levelness while lowering loader arms or traveling down a slope.

Digging With The Bucket
The bucket can be used for digging in the ground or into piles of dirt, sand, and other similar materials.

1. Make sure load does not exceed rated lift capacity of the tractor and loader.
2. Center tractor on the material to be picked up.
3. Do not ram bucket into the ground or pile. Make a complete stop in front of the material to position bucket at the proper height and angle for digging.

If digging into the ground:
   a. Lower loader arms until bucket is on the ground.
   b. Tilt front of bucket down until cutting edge is on the ground.
   c. Start driving forward slowly while continuing to tilt the edge down until bucket starts to dig.
   d. Once the bucket starts digging, the front cutting edge can be tilted up slightly to increase tractor traction and achieve even digging depth.
   e. When digging hard ground, slowly raise and lower the cutting edge while slowly traveling forward.
If digging into a pile:
  a. Lower loader arms until the bucket is on the ground.
  b. Tilt front of bucket down until cutting edge is on the ground.
  c. Start driving slowly into the pile. As the bucket begins to fill, slowly raise loader arms until bucket is filled to rated capacity.
  4. With bucket filled, stop and raise bucket. At the same time, tilt top of bucket back to keep material from spilling out of the bucket.
  5. Make sure bucket and load clears all obstacles when making a turn or backing away.
  6. Position load at a safe, low height and top of bucket tilted slightly back to transport to the dump site.

Picking Up A Load With The Jaws/Clamshell
  1. Make sure load does not exceed rated lift capacity of the tractor being used to lift the load.
  2. Center tractor on the material to be picked up.
  3. Make a complete stop in front of the material and position bucket at the proper height.
  4. Fully open the jaw and drive forward until the bucket is above the pile. Do not ram bucket into the pile.
  5. Lower bucket onto the pile and close the jaw to secure the load.
  6. Lift load a few inches to make sure you have good control of the load. If load is not secure, release and recapture load in a more secure location.
  7. Lift load above the pile and then back load out of the pile slowly making sure load clears all obstacles.
  8. Not always will the load be secured properly in the bucket when pulled free from a pile. Before traveling with a loose load, lower load to ground, release load, and re-clamp load to make it more secure.
  9. Position load at a safe, low traveling height and begin transferring to the dump site.

Traveling With A Load
  1. Pedestrians always have the right-of-way.
  2. Keep load tilted back slightly.
  3. When possible, travel with the load low to the ground.
  4. Continually scan all sides for pedestrians, other traffic, and obstacles.
  5. If load is large and blocks your view, travel in reverse.
  6. Always drive at a safe speed and slow down when going around corners. Avoid sudden braking.
  7. Leave enough clearance when turning so that the bucket and load does not contact obstacles such as vehicles, buildings, trees, fences, etc.
  8. When traveling over a ramp or incline, keep load on the “uphill” side of tractor.
  9. When possible, travel straight up and down grades, ramps, and inclines. Avoid making turns on grades, ramps, and inclines.
  10. Raise or lower load only when stopped, never when traveling.
  11. Slow down when traveling over rough or hilly terrain.
  12. Do not transport loads on public roadways.
  13. Transport on public roadways without a load and transport in such a way that faster moving vehicles may pass you safely.
  14. Plan your route to avoid heavy traffic.

Releasing A Load
  1. Stop in front of desired location and slowly raise load to the required height for dumping.
  2. Move slowly forward while checking to make sure bucket and load clears all obstacles.
  3. Stop forward movement when load is positioned over its release location.
  4. Releasing the load requires a combination of tilting the front of bucket down or opening the jaw, and raising the loader arms. The order in which the load is released will vary depending on type of material being released. The most important objective is to have the load under control throughout the release.
  5. Once the load has settled onto the pile, tilt bucket level and close the jaw if opened.
  6. Slowly back up making sure the bucket clears all objects and no pedestrians or other traffic are behind or on either side of tractor.
  7. As you back away, leave enough clearance when turning and/or lowering the bucket so that it does not make contact with obstacles such as vehicles, buildings, trees, fences, etc.
  8. When clear of the pile, stop and lower bucket to transporting height (low to the ground) before moving again.

Scraping, Leveling, & Digging With The Jaw
  1. Make a complete stop in the area to work and fully open the jaw.
  2. Rotate top of hitch plate forward and lower loader arms down until cutting edge of the jaw is on the ground.
  3. Begin backing up to dig, scrape, level, or fill an area.
  4. Lower loader arms to make a deeper cut and raise loader arms to make a shallower cut.
  5. Tilt top of hitch plate as needed to angle blade for your operation.
  6. Allow excess material to discharge over the top of the jaw when scraping and leveling.
  7. If material needs to be removed, close the jaw to capture accumulated material and remove it.
Section 2: Operating Procedures

Dozing With The Bucket
1. Make a complete stop in the area to use the dozer blade and fully open the jaw.
2. Lower loader arms until dozer blade is on the ground.
3. Begin traveling forward pushing dirt with the dozer blade.
4. Tilt top of hitch plate as needed to angle blade for digging.
5. Lower loader arms to make a deeper cut and raise loader arms to make a shallower cut.
6. If material needs to be removed, close jaw to capture accumulated material and remove it.

General Operating Instructions
By now you should have familiarized yourself with the Operator’s Manual for your CB0550 4-in-1 Combination Bucket. If you haven’t, please do so now. We cannot overstate the importance of following the safety information and operating procedures that are spelled out in this Operator’s Manual.

Proceed by getting onto the seat of your tractor and starting it up. It isn’t going to take you long to learn how to use your new Land Pride 4-in-1 Combination Bucket, but we do recommend that you take a little time to practice securely attaching and detaching your bucket to and from your mounting plate. It is also important to practice lifting, lowering, tilting, maneuvering, and releasing a load until you gain the confidence and skill needed to have a good feel in what you are doing.

The 4-in-1 Combination Bucket’s primary purposes are digging, loading, dumping, scraping, leveling, gripping, and dozing. The following are some basic general operating instructions. For detailed instructions, see “Combination Bucket Operation” on page 15.

Start digging by lowering the bucket down to the ground and tilting the front cutting edge down to dig into the ground. Start traveling forward making adjustments to the bucket tilt and loader arm height to achieve desired results.

To dig while backing up, open the jaw, tilt the top of the hitch plate forward, and lower the loader arms until the jaw’s cutting edge is on the ground. Start traveling backward to fill the jaw with material and close the jaw to capture the product in the bucket.

With bucket full, transport to your unloading site while carrying the load low. Carefully place the load over the dump site and dump the load by tilting the front bucket down or by opening the jaw to release the load out the bottom of the clamshell.

To scrape a surface clean and level, open the jaw, tilt the top of the hitch plate forward, and lower the loader arms until the jaw’s cutting edge is on the ground. Begin backing up and adjusting hitch plate tilt to achieve desired scraping action. Lower or raise loader arms to achieve desired cutting depth. You can close the jaw when you want to capture and remove unwanted scraped material.

To pick up unwanted bulky material, open the jaw, tilt the top of the hitch plate forward, and lower the clamshell opening over the material. Close the jaw and pick-up the load. Carry the load low to your discharge site. Carefully place the load over the site and dump the load by opening the jaw.

To use the dozer blade, open the jaw, lower the dozer blade to ground, and tilt top of hitch plate to angle the blade for digging. Start traveling forward pushing the material. Raise or lower the loader arms to adjust depth of cut and adjust hitch plate tilt as needed to achieve desired cutting action. You can close the jaw when you want to capture and remove unwanted material.

With a little practice you should become very good at consistently achieving the desired results you expect with your Land Pride 4-in-1 Combination Bucket.

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

Check all bolts and pins after using the bucket for several hours and on a regular basis thereafter to ensure they are tight and secured.

Check hitch plate fit-up, hydraulic hoses, and hydraulic fittings on a regular basis to ensure trash or other objects have not loosened hitch connection points and/or damaged hydraulic hoses and fittings.

Replace all worn, damaged, or missing bucket parts with genuine Land Pride parts. Replace safety labels by obtaining new labels from your Land Pride dealer.

**DANGER**
To avoid serious injury or death:
Always secure equipment with solid, non-concrete supports before working under it. Never go under equipment supported by concrete blocks or hydraulics. Concrete can break, hydraulic lines can burst, and/or hydraulic controls can be actuated even when power to hydraulics is off.

**WARNING**
To avoid serious injury or death:
- Allow only persons to perform maintenance on this attachment who have been properly trained in its safe operation.
- Do not alter attachment or replace parts on the attachment with other brands. Other brands may not fit properly or meet OEM specifications. They can weaken the integrity and impair the safety, function, performance, and life of the attachment. Replace parts only with genuine OEM parts.
- Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.
- Check hydraulic hoses and fittings frequently for leaks or damage. Fluid escaping under pressure can penetrate skin. Large leaks can dump a load prematurely.
- Perform scheduled maintenance. Check for loose hardware, missing parts, broken parts, structural cracks, and excessive wear. Make repairs before putting implement back into service.
- Keep body, body extremities, loose clothing, pull strings, etc. away from pinch points such as rotating, extending, and/or retracting components. Secure pinch point areas to ensure they will not move before working on or near them.

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

1. Clean off any dirt and grease that may have accumulated on the bucket. Scrape off compacted dirt and then wash its surface thoroughly with a garden hose.
2. Inspect bucket for loose, damaged, or worn parts and adjust or replace if needed.
3. Repaint parts where paint is worn or scratched to prevent rust. Ask your Land Pride dealer for aerosol touch-up paint. Paint is also available in touch-up bottles with brush, quarts, and gallon sizes by adding TU, QT, or GL to the end of the aerosol part number.
4. Replace all damaged or missing guards & decals.
5. Store bucket on a level surface in a clean, dry place. Inside storage will reduce maintenance and make for a longer bucket life.
6. Do not allow children to play on or around the stored bucket.
7. Follow “Unhook With BX Quick Hitch” on page 10 or “Unhook Without BX Quick Hitch” on page 12 when disconnecting tractor loader from bucket.

<table>
<thead>
<tr>
<th>Land Pride Touch-up Paint</th>
<th>Part No.</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>821-066C</td>
<td>TOUCH ORANGE SPRAY CAN</td>
<td></td>
</tr>
<tr>
<td>821-070C</td>
<td>PAINT GP GLOSS BLACK SPRAY CAN</td>
<td></td>
</tr>
</tbody>
</table>
### CB0550 Model

#### Specifications & Capacities

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hitch type</td>
<td>Fits Kubota BX front loader hitch, with or without Kubota BX6315 Quick Hitch.</td>
</tr>
<tr>
<td>Weight</td>
<td>266 lbs without BX 3rd function valve</td>
</tr>
<tr>
<td>Weight of BX 3rd function valve</td>
<td>18 lbs</td>
</tr>
<tr>
<td>Overall width</td>
<td>50 3/4&quot;</td>
</tr>
<tr>
<td>Clamshell opening</td>
<td>30&quot;</td>
</tr>
<tr>
<td>Bucket capacity (ft³)</td>
<td>5.9 (struck) &amp; 7.7 (heaped)</td>
</tr>
<tr>
<td>Hydraulic cylinder pins</td>
<td>1&quot; dia. rod pivot pins</td>
</tr>
<tr>
<td>Jaw pivot pins</td>
<td>1&quot; dia. pivot pins</td>
</tr>
<tr>
<td>Hydraulic cylinder</td>
<td>2&quot; x 6&quot; x 1 1/8&quot; Rod</td>
</tr>
<tr>
<td>Maximum hydraulic pressure</td>
<td>2500 psi</td>
</tr>
</tbody>
</table>

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2/5/19

CB0550 4-in-1 Combination Bucket 381-139M
### CB0550 Model

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four-in-one bucket design</td>
<td>Can be used as a bucket, grapple, scraper, or dozer.</td>
</tr>
<tr>
<td>Designed to fit Kubota's BX tractors with front loaders</td>
<td>Easy to attach to Kubota's BX tractor loaders with or without Kubota BX6315 Quick Hitch. A good fit for Kubota BX tractors with front loaders.</td>
</tr>
<tr>
<td>Designed to protect hydraulic hoses</td>
<td>Hydraulic hoses routed to prevent pinching.</td>
</tr>
<tr>
<td>1&quot; Pivot pins</td>
<td>Large diameter pins for extra strength.</td>
</tr>
<tr>
<td>Dual hydraulic cylinders</td>
<td>Allows upper jaw to grip the material better.</td>
</tr>
<tr>
<td>30&quot; Jaw opening</td>
<td>Large opening to handle bulky objects.</td>
</tr>
<tr>
<td>Reinforced bucket</td>
<td>Adds strength and rigidity to the bucket, clamshell, and dozer features of the four-in-one bucket.</td>
</tr>
<tr>
<td>Spill guard</td>
<td>Helps protect the operator against spills over the back side of the bucket and increases capacity.</td>
</tr>
<tr>
<td>BX Third Function Valve Kit (Accessory)</td>
<td>Can control all bucket and loader movements with a joystick. Provides easy hooking and unhooking of hydraulic hoses at the front of the loader.</td>
</tr>
<tr>
<td>Extended Hitch Pins (Option)</td>
<td>Allows the bucket to be hitched directly to the loader arms without purchasing Kubota's Original Quick Hitch to make the connection.</td>
</tr>
</tbody>
</table>
## Table of Contents

### Troubleshooting Chart

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannot lift load</td>
<td>Insufficient power to lift load.</td>
<td>Reduce load on bucket.</td>
</tr>
<tr>
<td><strong>Hydraulic hoses are stretched and/or damaged</strong></td>
<td>Hydraulic hoses are catching on tree limbs, debris, or other solid objects.</td>
<td>Replace hydraulic hoses. Stay away from objects that can catch on hydraulic hoses. Stop immediately if hoses are catching on an object and remove object. If helpful, readjust hose routing.</td>
</tr>
<tr>
<td>Hydraulic fittings are damaged</td>
<td>Hydraulic hoses are catching on tree limbs, debris, or other solid objects causing fittings to become damaged.</td>
<td>Replace hydraulic fittings. Stay away from objects that can catch on hydraulic hoses. Stop immediately if hoses are catching on an object and remove object. If helpful, readjust hose routing.</td>
</tr>
<tr>
<td>Combination bucket jaw does not clamp tight on a load</td>
<td>A load taken from a pile can be too bulky to properly clamp while in the pile.</td>
<td>Re-clamp load once load is free from pile.</td>
</tr>
<tr>
<td><strong>Combination bucket jaw does not operate</strong></td>
<td>Hydraulic hoses are not coupled to tractor.</td>
<td>Reattach couplers to tractor.</td>
</tr>
<tr>
<td>Load is shifting in the jaw</td>
<td>BX quick hitch is not properly attached to bucket hitch plate.</td>
<td>Always make certain BX quick hitch is properly attached to the bucket before lifting a load. Reattach quick hitch to the bucket hitch plate if loose.</td>
</tr>
<tr>
<td>Load is being carried too high.</td>
<td>Recommended carrying height is as close to ground as possible without hitting objects.</td>
<td></td>
</tr>
<tr>
<td>Traveling and/or turning too fast.</td>
<td>Reduce speed to a safe non-bouncing speed.</td>
<td></td>
</tr>
<tr>
<td>Traveling sideways to an incline.</td>
<td>Travel straight up and down inclines.</td>
<td></td>
</tr>
<tr>
<td>Jaw is not clamped tight against the load.</td>
<td>Re-clamp load once load is free from pile.</td>
<td></td>
</tr>
<tr>
<td>Load is not centered in bucket.</td>
<td>Center load on bucket.</td>
<td></td>
</tr>
<tr>
<td>Traveling forward while going down an incline with a slope in excess of 10 percent (5.7 degrees).</td>
<td>Back down steep inclines.</td>
<td></td>
</tr>
</tbody>
</table>
# Table of Contents

Section 7: Torque Values Chart

![Image](450x740 to 558x778)

## Torque Values Chart for Common Bolt Sizes

<table>
<thead>
<tr>
<th>Bolt Size (inches)</th>
<th>Grade 2</th>
<th>Grade 5</th>
<th>Grade 8</th>
<th>Bolt Size (Metric)</th>
<th>Class 5.8</th>
<th>Class 8.8</th>
<th>Class 10.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>in-tpi 1</td>
<td>N \cdot m 2</td>
<td>ft-lb 3</td>
<td>N \cdot m</td>
<td>ft-lb</td>
<td>N \cdot m</td>
<td>ft-lb</td>
<td>mm x pitch 4</td>
</tr>
<tr>
<td>1/4&quot; - 20</td>
<td>7.4</td>
<td>5.6</td>
<td>11</td>
<td>8</td>
<td>16</td>
<td>12</td>
<td>M 5 \times 0.8</td>
</tr>
<tr>
<td>1/4&quot; - 28</td>
<td>8.5</td>
<td>6</td>
<td>13</td>
<td>10</td>
<td>18</td>
<td>14</td>
<td>M 5 \times 0.8</td>
</tr>
<tr>
<td>5/16&quot; - 18</td>
<td>15</td>
<td>11</td>
<td>24</td>
<td>17</td>
<td>33</td>
<td>25</td>
<td>M 8 \times 1.25</td>
</tr>
<tr>
<td>5/16&quot; - 24</td>
<td>17</td>
<td>13</td>
<td>26</td>
<td>19</td>
<td>37</td>
<td>27</td>
<td>M 8 \times 1.25</td>
</tr>
<tr>
<td>3/8&quot; - 16</td>
<td>27</td>
<td>20</td>
<td>42</td>
<td>31</td>
<td>59</td>
<td>44</td>
<td>M10 \times 1.5</td>
</tr>
<tr>
<td>3/8&quot; - 24</td>
<td>31</td>
<td>22</td>
<td>47</td>
<td>35</td>
<td>67</td>
<td>49</td>
<td>M10 \times 0.75</td>
</tr>
<tr>
<td>7/16&quot; - 14</td>
<td>43</td>
<td>32</td>
<td>67</td>
<td>49</td>
<td>95</td>
<td>70</td>
<td>M12 \times 1.75</td>
</tr>
<tr>
<td>7/16&quot; - 20</td>
<td>49</td>
<td>36</td>
<td>75</td>
<td>55</td>
<td>105</td>
<td>78</td>
<td>M12 \times 1.5</td>
</tr>
<tr>
<td>1/2&quot; - 13</td>
<td>66</td>
<td>49</td>
<td>105</td>
<td>76</td>
<td>145</td>
<td>105</td>
<td>M12 \times 1.5</td>
</tr>
<tr>
<td>1/2&quot; - 20</td>
<td>75</td>
<td>55</td>
<td>115</td>
<td>85</td>
<td>165</td>
<td>120</td>
<td>M14 \times 2</td>
</tr>
<tr>
<td>9/16&quot; - 12</td>
<td>95</td>
<td>70</td>
<td>150</td>
<td>110</td>
<td>210</td>
<td>155</td>
<td>M14 \times 1.5</td>
</tr>
<tr>
<td>9/16&quot; - 18</td>
<td>105</td>
<td>79</td>
<td>165</td>
<td>120</td>
<td>235</td>
<td>170</td>
<td>M16 \times 2</td>
</tr>
<tr>
<td>5/8&quot; - 11</td>
<td>130</td>
<td>97</td>
<td>205</td>
<td>150</td>
<td>285</td>
<td>210</td>
<td>M16 \times 1.5</td>
</tr>
<tr>
<td>5/8&quot; - 18</td>
<td>150</td>
<td>110</td>
<td>230</td>
<td>170</td>
<td>325</td>
<td>240</td>
<td>M18 \times 2.5</td>
</tr>
<tr>
<td>3/4&quot; - 10</td>
<td>235</td>
<td>170</td>
<td>360</td>
<td>265</td>
<td>510</td>
<td>375</td>
<td>M18 \times 1.5</td>
</tr>
<tr>
<td>3/4&quot; - 16</td>
<td>260</td>
<td>190</td>
<td>405</td>
<td>295</td>
<td>570</td>
<td>420</td>
<td>M20 \times 2.5</td>
</tr>
<tr>
<td>7/8&quot; - 9</td>
<td>225</td>
<td>165</td>
<td>585</td>
<td>430</td>
<td>820</td>
<td>605</td>
<td>M20 \times 1.5</td>
</tr>
<tr>
<td>7/8&quot; - 14</td>
<td>250</td>
<td>185</td>
<td>640</td>
<td>475</td>
<td>905</td>
<td>670</td>
<td>M24 \times 3</td>
</tr>
<tr>
<td>1&quot; - 8</td>
<td>340</td>
<td>250</td>
<td>875</td>
<td>645</td>
<td>1230</td>
<td>910</td>
<td>M24 \times 2</td>
</tr>
<tr>
<td>1&quot; - 12</td>
<td>370</td>
<td>275</td>
<td>955</td>
<td>705</td>
<td>1350</td>
<td>995</td>
<td>M30 \times 3.5</td>
</tr>
<tr>
<td>1-1/8&quot; - 7</td>
<td>480</td>
<td>355</td>
<td>1080</td>
<td>795</td>
<td>1750</td>
<td>1290</td>
<td>M30 \times 2</td>
</tr>
<tr>
<td>1-1/8&quot; - 12</td>
<td>540</td>
<td>395</td>
<td>1210</td>
<td>890</td>
<td>1960</td>
<td>1440</td>
<td>M36 \times 3.5</td>
</tr>
<tr>
<td>1-1/4&quot; - 7</td>
<td>680</td>
<td>500</td>
<td>1520</td>
<td>1120</td>
<td>2460</td>
<td>1820</td>
<td>M36 \times 2</td>
</tr>
<tr>
<td>1-1/4&quot; - 12</td>
<td>750</td>
<td>555</td>
<td>1680</td>
<td>1240</td>
<td>2730</td>
<td>2010</td>
<td>1 in-tpi = nominal thread diameter in inches-threads per inch</td>
</tr>
<tr>
<td>1-3/8&quot; - 6</td>
<td>890</td>
<td>655</td>
<td>1990</td>
<td>1470</td>
<td>3230</td>
<td>2380</td>
<td>2 N \cdot m = newton-meters</td>
</tr>
<tr>
<td>1-3/8&quot; - 12</td>
<td>1010</td>
<td>745</td>
<td>2270</td>
<td>1670</td>
<td>3680</td>
<td>2710</td>
<td>3 ft-lb= foot pounds</td>
</tr>
<tr>
<td>1-1/2&quot; - 6</td>
<td>1180</td>
<td>870</td>
<td>2640</td>
<td>1950</td>
<td>4290</td>
<td>3160</td>
<td>4 mm x pitch = nominal thread diameter in millimeters x thread pitch</td>
</tr>
<tr>
<td>1-1/2&quot; - 12</td>
<td>1330</td>
<td>980</td>
<td>2970</td>
<td>2190</td>
<td>4820</td>
<td>3560</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Claims under this Warranty must be made to the dealer which originally sold the product and all warranty adjustments must be made through such 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 ____________________