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.

<table>
<thead>
<tr>
<th>Model Number</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Number</td>
<td></td>
</tr>
<tr>
<td>Machine Height</td>
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<tr>
<td>Machine Length</td>
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<tr>
<td>Machine Width</td>
<td></td>
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<tr>
<td>Machine Weight</td>
<td></td>
</tr>
<tr>
<td>Year of Construction</td>
<td></td>
</tr>
<tr>
<td>Delivery Date</td>
<td></td>
</tr>
<tr>
<td>First Operation</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td></td>
</tr>
</tbody>
</table>

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 smart phone, open the App, point your phone on the QR code and take a picture.

Dealer QR Locator
The QR code on the left will link you to available dealers for 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, or have the manuals read to them, before operating the power machine and this attachment.

▲ Thoroughly read and understand the “Safety Label” section. Read all instructions noted on them.
▲ Do not operate the equipment while under the influence of drugs or alcohol as they impair the ability to safely and properly operate the equipment.
▲ Operator should be familiar with all functions of the tractor/skid steer and attachment and be able to handle emergencies quickly.
▲ Make sure all guards and shields appropriate for the operation are in place and secured before operating attachment.
▲ Keep all bystanders away from equipment and work area.
▲ Start tractor/skid steer from the driver’s seat with steering levers and hydraulic controls in neutral.
▲ Operate tractor/skid steer and controls from the driver’s seat only.
▲ Never dismount from a moving tractor/skid steer or leave machine unattended with engine running.
▲ Do not allow anyone to stand between tractor/skid steer and attachment while hooking-up.
▲ Keep hands, feet, and clothing away from power-driven parts.
▲ While transporting and operating equipment, watch out for objects overhead and along side such as fences, trees, buildings, wires, etc.
▲ Store attachment in 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 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 of 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.
These 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 skid steer or tractor with loader attachment on the “uphill” side.
- Engage park brake when stopped on an incline.
- Maximum transport speed for an attached equipment is 20 mph. DO NOT EXCEED. Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrains require a slower speed.

- As a guideline, use the following maximum speed weight ratios for attached equipment:
  - 20 mph when weight of attached equipment is less than or equal to the weight of machine towing the equipment.
  - 10 mph when weight of attached equipment exceeds weight of machine towing equipment but not more than double the weight.

**IMPORTANT:** Do not tow a load that is more than double the weight of the vehicle towing the load.

**Tire Safety**
- Tire changing can be dangerous and must be performed by trained personnel using the correct tools and equipment.
- Always 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 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 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.
- Remove all tools and unused parts from the equipment before operation.
Listed below are common practices that may or may not be applicable to the products described in this manual.

### Prepare for Emergencies

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

- A slow moving excavator 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

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

### Keep Riders Off Machinery

- Never carry riders on the power machine or attachment.
- Riders obstruct operator’s view and interfere with the control of the power machine.
- Riders can be struck by objects or thrown from the equipment.
- Never use power machine or attachment to lift or transport riders.
These are common practices that may or may not be applicable to the products described in this manual.

**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 is a serious health hazard.
- Store or dispose of unused chemicals as specified by the chemical manufacturer.

**Avoid Silica Dust**
- 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.

**Tractor Shutdown & Storage**
- Reduce engine speed and shut-off all power to the attachment.
- 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 pressures.
- Wait for all components to stop before leaving operator’s seat.
- Use steps, grab-handles and anti-slip surfaces when stepping on and off the tractor.
- Detach and store implement in an area where children normally do not play. Secure implement using blocks and supports.

**Skid Steer Shutdown And Storage**
- Reduce engine speed and shut-off all power to the attachment.
- Park on solid, level ground and lower attachment until it is flat on the ground or support blocks.
- Turn off engine, and remove switch key to prevent unauthorized starting.
- Relieve all hydraulic pressures.
- If included, raise seat bar and move controls until both lock.
- Wait for all components to stop before leaving operator’s seat.
- Use steps, grab-handles and anti-slip surfaces when stepping on and off the skid steer.
- Detach and store attachment in an area where children normally do not play. Secure attachment by using blocks and supports.
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**Safety Labels**

Your Tree Carrier 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.
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 with a similar type of straight edge.

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**838-293C**

Warning: To Prevent Serious Injury or Death

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**858-237C**

Warning: Underground Utilities Hazard
Kubota welcomes you to the growing family of new product owners. This Tree Carrier 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 attachment.

**Application**

Kubota’s TC25 Series Tree Carrier is a construction-grade digging tool designed for professional nurseries to remove and transplant bushes and trees easily. The scoop is constructed of AR400 steel giving it a long wear life. It can be attached to your skid steer loader or compact track loader to dig out bushes and trees, and to dig new holes for replanting trees. Simply drive the scoop into the ground like a spade in multiple locations around the digging site and then scoop-out the dirt or tree. The unit can also be used to transport bagged or potted trees to the planting site. Designed with hook points, items in the scoop can be secured with rope or straps for moving them from one site to another site.

Landscape professionals, nurseries, and homeowners with do-it-yourself landscape projects will find this TC25 Series Tree Carrier a must have.

See “Specifications & Capacities” on page 16 and “Features & Benefits” on page 17 for additional information.

**Using This Manual**

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

**Terminology**

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

**Definitions**

**IMPORTANT:** A special point of information related to the following topic. Kubota’s intention is this information must be read & noted before continuing.

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

**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 Tree Carrier 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 this implement.

**Serial Number**

For quick reference and prompt service, record model and serial number on the inside cover page and again on the warranty page. Always provide model number and serial number when ordering parts and in all correspondences with your Kubota dealer. For location of your serial number plate, see 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**  
   lpservicedept@landpride.com
Power Machine Requirements
The Tree Carrier is designed to fit on skid steer loaders and compact track loaders with the following requirements:

- Hitch type: Skid steer type quick attach, meets ISO 24410
- Maximum horsepower rating: 100 hp

**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 rollover or other serious hazard.
- 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.

Before You Start

**WARNING**
To avoid serious injury or death:

Allow only persons to operate this attachment who have fully read and comprehended this manual, who are properly trained to operate the attachment safely, and who are age 16 or older. Serious injury or death can result from the failure to read, understand, and follow instructions provided in this manual.

Make sure the intended power machine conforms to “Power Machine Requirements” stated above. Read and understand the Operator’s Manual for your Tree Carrier. An understanding of how it works will aid in the assembly and setup of your Tree Carrier.

Go through the “Assembly Checklist” on this page before assembling the Tree Carrier. Speed up your assembly task and make the job safer by having all needed parts and equipment readily at hand.

**Assembly Checklist**

<table>
<thead>
<tr>
<th>Check</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Have a forklift or loader with properly sized chains and safety stands capable of lifting and supporting the equipment on hand.</td>
<td>Operator’s Manual</td>
</tr>
<tr>
<td>Have a minimum of two people available during assembly.</td>
<td>Operator’s Manual 328-132MK</td>
</tr>
<tr>
<td>Make sure all components are shipped with the attachment.</td>
<td>Operator’s Manual 328-132PK</td>
</tr>
<tr>
<td>Double check to make sure all parts and fasteners are installed correctly. Refer to the Parts Manual if unsure.</td>
<td>Parts Manual 328-132PK</td>
</tr>
<tr>
<td>Make sure all safety labels are correctly located and legible. Replace if damaged.</td>
<td>Page 6</td>
</tr>
</tbody>
</table>

Power Machine Shutdown Procedure

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

1. Reduce engine speed and shut-off all power to the attachment.
2. Park on solid, level ground and lower attachment until it is flat on the ground or on non-concrete support blocks.
3. If shutting down a tractor, put tractor in park or set park brake.
4. Turn off engine, and remove switch key to prevent unauthorized starting.
5. Relieve all hydraulic pressures.
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.
8. Use steps, grab-handles, and anti-slip surfaces when stepping on and off the power machine.

Hook-Up Tree Carrier

**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:

Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.
Refer to Figure 1-2:

2. Check for and remove any debris in the hitch areas before hooking-up the Tree Carrier.
3. Skip to step 5 if quick hitch lock pins are hydraulically actuated. Otherwise, continue with step 4.
4. Manually pull up on the quick hitch lock pin levers to raise lock pins fully up.
5. Return to the power machine operator’s seat to complete hook-up operations.
6. If lock pins on the hitch plate are hydraulically actuated, operate hydraulic lever to fully raise lock pins.
7. Tilt top of loader hitch plate forward and lower loader arms until top of hitch plate is low enough to fit under the Tree Carrier’s top angle bars.
8. Slowly drive up to the Tree Carrier hitch plate until the loader hitch is positioned under the top angle bars.
9. Raise loader arms up to seat loader hitch in the Tree Carrier top angle bars.
10. Continue to raise loader arms while tilting the top of loader hitch back until the Tree Carrier hitch plate makes full contact with the face of the loader hitch plate.
11. If lock pins are manually actuated, skip to step 13. Otherwise, continue with step 12.
12. Operate hydraulic lever to extend lock pins into the bottom notches in the Tree Carrier hitch plate. Make sure lock pins are fully inserted in the bottom notches. Skip to step 15
13. Shutdown power machine properly before dismounting to operate manual lock pin levers.
14. Push down on lock pin levers to drive the lock pins through the bottom notches in the Tree Carrier hitch plate.
15. Check to make sure loader hitch plate is seated under the top angle bars, lock pins are fully inserted into the bottom notches, and lock pin levers are locked down.

Check Equipment Clearances
It is important to check the clearance between the power machine and Tree Carrier before putting the attachment into service. Make sure the unit does not come in contact with the power machine.

1. Start power machine and raise Tree Carrier approximately five feet off the ground.
2. If necessary, have someone stand nearby that can motion for the operator to stop if a problem develops while completing step 3 below.
3. Fully extend and retract tilt hydraulic cylinder on end of loader arms while watching for interference between the power machine and Tree Carrier. Stop movement if Tree Carrier contacts the power machine.
4. Raise loader arms fully up and repeat step 3 above.
6. If Tree Carrier contacts power unit, resolve interference before operating the carrier.
Section 2: Operating Instructions

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 Tree Carrier. Therefore, it is absolutely essential that no one operates the Tree Carrier 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 8
• Section 2: Operating Instructions, page 10
• Section 3: Maintenance, page 15

Make the following inspections after attaching the Tree Carrier and shutting down the power machine properly.

2. Inspect Tree Carrier. Make sure it is in good working condition and that all safety alert decals are visible and readable. Replace any safety decal that is not visible or readable. See “Safety Labels” on page 4.
3. Inspect hitch hook-up. Make sure the loader hitch is secured under the Tree Carrier’s top angle bars, lock pins are fully extended through the bottom notches in the Tree Carrier hitch plate, and manual lock pin levers, if included, are locked down.
4. Consult your power machine Operator’s Manual to determine if ballast is required. Add ballast if needed.
5. Operate Tree Carrier through its full range of movements to check for clearances. Refer to “Check Equipment Clearances” on page 9.

Operating Safety

⚠️ DANGER
To avoid serious injury or death:

• Never come in contact with power lines, utilities, gas lines, or other hazards, above or below ground. They can cause serious injury or death from electrocution, explosion, or fire. Before digging, call dig safe 811 (USA only) so utility companies can mark the location of underground services in the area.

• 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.

• A Crushing hazards always exist around attachments. A person can become pinched or crushed as the attachment is rotated, raised, and/or lowered. Objects in the attachment can shift and fall. Use tie downs to stabilize tree when moving.

• 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.

• The operator of this attachment must know how to control the power machine with attachment and how to stop them quickly in an emergency.

• 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.

• 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.

• 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.

• 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.

• Do not go near or under raised loader arms without first securing loader arms in the raised position with an approved lift-arm support.

• Keep your head, arms, and legs inside the cab while operating the power machine. Any extremity extended outside the cab can be crushed by the loader arms and attachment.

• Never operate equipment from outside the cab.

• Use the skid steer’s alternate emergency exit when exit passage through the front is blocked.

• Keep mud, snow, ice, and debris out of foot controls.

• Do not use hand or foot controls for handholds or steps. Using them for handholds or steps can activate the controls.

• If included, raise restraint bar and move controls until both are locked and interlock system is activated.

• Inspect interlock control system regularly and perform required maintenance to keep it operating properly.

• Never bypass or modify a safety device.

⚠️ WARNING
To avoid serious injury or death:

• Operate only power machines equipped with a certified Roll-Over Protective Structure (ROPS) and seat belt. Fasten seat belt snugly and securely to help protect against serious injury or death from machine overturn.

• Always shut power machine down following the “Shutdown Procedure” provided in this manual before leaving the operator’s seat.
Section 2: Operating Instructions

- Backup alarm must be in good working order to warn others. Use a backup camera or rear-view mirror that is in good condition to help see undesirable situations behind the unit. Drive at a slower speed to compensate for blind spots.
- Never carry riders on the attachment or power machine. 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.
- Allow only persons to operate this attachment who have fully read and comprehended this manual, who are properly trained to operate the attachment safely, and who are age 16 or older. Serious injury or death can result from the failure 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. Fasten seat belt snugly and securely to help protect against serious injury or death from machine overturn.
- Do not ram Tree Carrier into the ground. The Tree Carrier can hit a solid object resulting in the operator being thrown about in the cab and causing damage to the Tree Carrier.
- Operate only power machines equipped with a certified Roll-Over Protective Structure (ROPS) and seat belt. Fasten seat belt snugly and securely to help protect against serious injury or death from machine overturn.
- Before making adjustments, lower attachment to the ground, shut engine off, and remove switch key. Do not attempt to make adjustments with attachment or power machine running.
- Use steps, grab-handles, and anti-slip surfaces on the power machine and attachment to get on and off the power machine. Using unapproved stepping surfaces and/or handholds can result in a falling hazard.
- Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.
- 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.
- Do not abuse equipment. Incorrect use of the attachment can damage equipment structurally and cause 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 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 use attachment as a lifting device for people or as a work platform. It is not properly designed or guarded for this use.
- Follow recommendations in the power machine Operator’s Manual when parking or dismounting the power machine.
- 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.
- 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.
- Avoid exposure to dust containing crystalline silica particles. This dust can cause serious injury to the lungs (silicosis). 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.

Transport 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.
- Do not attempt to carry root balls that are larger then the scoop. Keep the tree centered so that it will not fall onto the cab and/or operator while transporting. Use hook points to help secure the root ball in the scoop with ropes or straps.
- Do not transport trees with sandy, dry, or crumbly root balls without having securely wrapped the ball in burlap. The soil in the ball can fall apart resulting in the tree falling from the carrier and causing serious harm the operator, bystanders, animals, and/or power unit.
- Always transport trees low to the ground to maintain stability and to help keep the tree from falling.
- Transport slowly with tree in the Tree Carrier to allow time to stop quickly in an emergency.

⚠️ WARNING
To avoid serious injury or death:
- Read and understand all safety alerts under “Operating Safety” on page 10.
- Follow all safety precautions when transporting a load. Not using safe transporting methods can damage the equipment and cause serious injury or death.
- Never use Tree Carrier to transport trees on public roads.
- 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.
Section 2: Operating Instructions

Operating Tips

1. Choose a work site that is level, clear of overhead obstructions, and free of other obstructions such as trees, fences, and buildings.
2. Keep work area small and travel distance short to make the job more efficient.
3. Survey the route you plan to take while transporting the tree. Look for uneven terrain and obstacles that can cause the tree to sway and fall such as: ditches, terraces, rocks, stumps, etc. Mark any problem areas with a flag or other means.
4. Remove obstacles when possible. Plan to go around obstacles that cannot be moved out of the way.
5. Check for overhead obstructions such as power lines. Place a marking under overhead obstructions indicating obstruction above.
6. If attachment is to be operated in reverse, make sure visibility to the rear of the power unit is appropriate for the attachment. Backup camera or mirror is recommended. Maintain cleanliness of lens or mirror.

7. Soil must be moist to hold together when digging a tree. Sandy, dry, or crumbly soil will fall away from the roots giving the tree less chance to survive. The soil can fall away from the root ball causing the tree to fall from the carrier.
8. Go slowly when first learning how to operate the Tree Carrier and power machine.
9. Keep Tree Carrier low to the ground when transporting. Always drive up or down slopes with heavy end of power machine on the uphill side. This may require the operator to back down or up a slope.
10. Maintain levelness of the Tree Carrier while raising or lowering loader arms, while traveling up a slope, or while traveling down a slope by tilting the top of loader hitch plate forward or backward as needed.

Tree Carrier Operation

The Tree Carrier can be used to dig a hole for receiving a transplant tree, to dig up a tree to be transplanted, to transport a tree, to place a tree in the receiving hole, or to remove unwanted bushes and trees. Make sure you have thoroughly read and understood “Operating Safety” on page 10 and “Transport Safety” on page 11 before using the Tree Carrier.

The transplant hole should be the same diameter or slightly larger and as deep as the hole made digging the transplant tree. For best transplant results, it is recommended that the maximum tree sizes listed in the table below be dug with the root ball equal to the size listed in the table. Smaller trees can be dug with smaller root balls.

Recommended Transplant Root Ball Size Based on Tree Diameter & Height

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Max. Tree Dia.</th>
<th>Max. Tree Height</th>
<th>Recommended Max. Root Ball*</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC2536</td>
<td>3 1/2&quot;</td>
<td>10'-0&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>TC2542</td>
<td>4 1/2&quot;</td>
<td>12'-0&quot;</td>
<td>42&quot;</td>
</tr>
<tr>
<td>TC2548</td>
<td>6&quot;</td>
<td>15'-0&quot;</td>
<td>48&quot;</td>
</tr>
</tbody>
</table>

*Do not exceed recommended maximum root ball sizes listed for the Tree Carrier model number.

Transplant Hole

A hole must be created for receiving the transplant tree. This hole can be dug first so that it is ready to receive the transplant tree or after the operator has dug up the tree to be transplanted. The dirt removed from the receiving hole is usually used to fill the hole from which the transplant tree was removed.

1. Determine diameter of hole required to remove the tree and its root ball. The root ball should be large enough to keep the tree alive in its newly planted location. Refer to “Recommended Transplant Root Ball Size” on this page.
2. To ensure the transplant hole is equal to or slightly larger than the root ball, mark out the diameter of both holes to be dug with a hand spade.
3. Align the power machine with the receiving hole to be dug.
4. Angle scoop down to enter the ground like a spade.
5. Lower the point of scoop while moving the power machine forward or backward until the point of the scoop is on the circumference of the hole to be dug.
6. Special instructions for small trees:
   a. Force the scoop into the ground like a spade using the loader arms and small amounts of forward movement with the skid steer.
   b. Rotate the point of the scoop up while still driving forward to dig out the hole.
7. Dig a hole to receive a large tree:
   a. Force the scoop down to cut into the ground until it has reached the depth needed to receive the transplant tree.
   b. Without changing the angle of the scoop, raise the scoop up until it is out of the ground.
   c. Reposition the machine 1/3 of the way around the hole circumference and in line with the hole.
Section 2: Operating Instructions

Small Root Balls
The Tree Carrier makes digging trees with small root balls an easy operation. Refer to “Recommended Transplant Root Ball Size Based on Tree Diameter & Height”.

**WARNING**

To avoid serious injury or death:

Do not jerk the root ball out of the ground. Jerking the root ball can result in the tree accidentally tipping over.

1. Align power machine with the small tree.
2. Angle scoop down to enter the ground like a spade.
3. Lower point of scoop while moving forward until the point is on the inside edge of the circumference of the hole to be dug.
4. Force the scoop into the ground like a spade using the loader arms and small amounts of forward movement with the power machine to drive the scoop into the ground.
5. Rotate point of the scoop up while still driving forward to come under the tree and to gently lift the tree out of the ground.
6. If the roots on the opposite side of the root ball prevent the tree from being picked up, the operator will need to repeat steps 4-5 on the opposite side of the tree.
7. Stop forward movement and raise scoop until the tree and its root ball is out of the ground.

Large Root Balls
The Tree Carrier is used to dig around a tree for the purpose of cutting tree roots and creating a root ball of sufficient size to sustain transplanting. Refer to “Recommended Transplant Root Ball Size Based on Tree Diameter & Height” on page 12.

**WARNING**

To avoid serious injury or death:

Do not jerk the root ball out of the ground. Jerking the root ball can result in the tree accidentally tipping over.

1. Align power machine with the tree to be removed from the ground.
2. Angle scoop down to enter the ground like a spade.
3. Lower point of scoop while moving forward until the point is on the inside edge of the marked-out hole to be dug.
4. Force scoop down to cut into the ground and tree roots until it has reached the depth needed to remove the root ball and tree.
5. Without changing the angle of the scoop, raise the scoop until it is out of the ground.
6. Reposition the machine 1/3 of the way around the hole circumference and in line with the hole.
7. Repeat steps 4-6 for the second cut into the soil.
8. Repeat step 4 for the third cut into the soil.
9. If all three cuts into the soil connected, continue with step 10. If any of the cuts did not connect, repeat step 4 until they all connect to ensure all tree roots have been severed around the tree.
10. Tilt point of scoop up while gently lifting and traveling slowly forward to come under the tree. Raise loader arms as needed to help lift the tree and root ball out of the ground.

Transport Tree and Root Ball

**DANGER**

To avoid serious injury or death:

Do not transport trees with sandy, dry, or crumbly root balls without having securely wrapped the ball in burlap. The soil in the ball can fall apart resulting in the tree falling from the carrier and causing serious injury or death to the operator, bystanders, animals, and/or damage to the power unit.

The tree may be picked up and moved without wrapping it in burlap if the tree is small enough and if the soil in the root ball is firm enough to hold together.

Purchased trees in a container or wrapped in burlap can be transported easily with the Tree Carrier. If a freshly dug root ball is crumbly, it is best to wrap that ball in burlap before transporting. A root ball that looses its soil can fall from the scoop suddenly.

1. Do not carry a tree if it is too large for the power unit or cannot be secured to prevent falling.
2. If the root ball needs to be wrapped in burlap, continue with step 3 below. Otherwise, skip to step 8.
3. Shutdown power machine properly before dismounting to layout burlap of sufficient size to wrap around the ball. Refer to “Power Machine Shutdown Procedure” on page 8.
4. Return to the power machine to pick up the root ball and place it on the burlap.
5. Shutdown power machine properly before dismounting.
6. Wrap burlap around the ball and secure in place with rope of sufficient size to hold the root ball together.
7. Return to the power machine and pick up the root ball with the Tree Carrier.
8. If the tree needs securing in the carrier:
   a. Tilt the point of the scoop to lean the tree slightly away from the operator.
   b. Lower loader arms down until the scoop is resting on the ground. Shut power machine down properly before dismounting.
   c. Wrap ropes or straps around the tree trunk several times in a suitable location for securing the tree.
   d. Refer to Figure 2-1 on page 14: Use hook points on the Tree Carrier to attach the ropes or straps.
   e. Make sure the ropes or straps are tight and the tree is secured to prevent falling before transporting.
9. Pick up the root ball for transporting.
10. Position the tree level at a safe, low height before moving forward or backward.
11. Make sure the power machine, Tree Carrier, tree, and root ball will clear all obstacles when backing-up or in a "skid" turn.
12. With engine at idle, begin traveling toward the transplant hole.
13. Continue to scan all sides for pedestrians, animals, traffic, and obstacles.
14. Keep Tree Carrier level when going up or down inclines. Keep tree and root ball clear of solid objects such as buildings, vehicles, fences, walls, other trees, etc. Always be ready to stop in an emergency.
15. Always drive at a safe speed and slow down when going around corners, up/down inclines, uneven ground, etc.
16. Avoid sudden braking throughout the travel and when coming to a stop.

Release Tree and Root Ball
1. Stop in front of desired location and slowly lower load to the required height for releasing it.
2. Move slowly forward while checking to make sure Tree Carrier and load clears all obstacles.
3. Stop forward movement when load is positioned over its release location.
4. Tilt end of scoop down while raising loader arms up slowly until the root ball is resting on the ground.
5. Once load has settled, slowly back up making sure the Tree Carrier clears all objects and no pedestrians or other traffic are behind or on either side of the power machine.
6. Check to make sure the tree is vertical from two directions. Rotate tree to be near vertical if it is not:
   a. First, try pushing down with the scoop on the side of the root ball that is too high.
   b. Next, try lifting with the scoop on the side of the root ball that is too low.
   c. Repeat steps a-b as needed until the tree is near vertical.
7. As you back away, leave enough clearance when turning so that it does not make contact with obstacles such as vehicles, buildings, trees, fences, etc.
8. When clear of the site, stop, level and lower Tree Carrier to transporting height (low to the ground) before moving again.

Unhook Tree Carrier
Refer to Figure 2-1:
1. Skip to step 4 if quick hitch lock pins are hydraulically actuated. Otherwise continue with step 2 below.
3. Pull up on universal quick hitch lock pin levers to raise lock pins out of bottom notches in the Tree Carrier hitch plate.
4. Start the power machine and raise Tree Carrier off the ground approximately 6".
5. If lock pins on the universal quick attach hitch are hydraulically actuated, operate hydraulic lever to fully raise lock pins out of the bottom notches in the Tree Carrier hitch plate.
6. Tilt top of loader hitch plate forward 5-10 degrees and begin lowering Tree Carrier down until front of scoop is touching the ground.
7. Continue to slowly lower the Tree Carrier until the top angle bars and universal quick hitch have separated.
8. Carefully back power machine away from the Tree Carrier making sure the universal quick hitch is free from the Tree Carrier hitch plate.
Section 3: Maintenance

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

Replace any worn, damaged, or illegible safety labels by obtaining new labels from your Kubota 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.
- Shutdown power machine properly before dismounting. Refer to “Power Machine Shutdown Procedure” on page 8
- 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.
- Backup alarm must be in good working order to warn others. Use a backup camera or rear-view mirror that is in good condition to help see undesirable situations behind the unit. Drive at a slower speed to compensate for blind spots.

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 Tree Carrier. Scrape off compacted dirt and then wash its surface thoroughly with a garden hose.
2. Inspect Tree Carrier for loose, damaged, or worn parts and replace if needed.
3. Repaint parts where paint is worn or scratched to prevent rust. Ask your Kubota 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 decals.
5. A light coat of oil or grease may be applied to any exposed metal wear surfaces to minimize oxidation.
6. Store Tree Carrier on a level surface in a clean, dry place. Inside storage will reduce maintenance and make for a longer Tree Carrier life.
7. Do not allow children to play on or around the stored Tree Carrier.

<table>
<thead>
<tr>
<th>Touch-Up Paint</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>821-070C</td>
<td>GLOSS BLACK ENAMEL SPRAY CAN</td>
</tr>
<tr>
<td>821-070CTU</td>
<td>GLOSS BLACK ENAMEL BOTTLE &amp; BRUSH</td>
</tr>
<tr>
<td>821-070CQT</td>
<td>GLOSS BLACK ENAMEL QUART</td>
</tr>
<tr>
<td>821-070CGL</td>
<td>GLOSS BLACK ENAMEL GALLON</td>
</tr>
</tbody>
</table>

4/2/19
AP-TC2536, AP-TC2542, & AP-TC2548 Tree Carrier 328-132MK 15
Section 4: Specifications & Capacities

TC25 Series Tree Carrier

<table>
<thead>
<tr>
<th>Specifications &amp; Capacities</th>
<th>TC2536</th>
<th>TC2542</th>
<th>TC2548</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum horsepower</td>
<td>hp (kW)</td>
<td>100 (74.6)</td>
<td></td>
</tr>
<tr>
<td>Hitch Type</td>
<td></td>
<td>Universal Quick Attach Hitch</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>lbs (kg)</td>
<td>286 (130)</td>
<td>315 (143)</td>
</tr>
<tr>
<td>Maximum root ball capacity</td>
<td>in (m)</td>
<td>36 (.91)</td>
<td>42 (1.07)</td>
</tr>
<tr>
<td>Scoop construction</td>
<td>in (mm)</td>
<td>Continuous welded 1/4 (6) AR400 plate steel with beveled front edge and reinforced with 5/16 (8) thick mild steel gusset plates.</td>
<td></td>
</tr>
<tr>
<td>Maximum recommended transplant tree diameter and height</td>
<td>in (cm) ft (m)</td>
<td>3 1/2 (9) diameter 10 (3.05) high</td>
<td>4 1/2 (11) diameter 12 (3.66) high</td>
</tr>
<tr>
<td>Reinforcement construction</td>
<td>in (mm)</td>
<td>Continuous welded 5/16 (8) mild steel gussets</td>
<td></td>
</tr>
<tr>
<td>Skid resistance step plates</td>
<td>in (cm)</td>
<td>Two, 3 x 7 1/2 (8 x 19) bolt-on cast steel</td>
<td></td>
</tr>
<tr>
<td>Hook points</td>
<td></td>
<td>2 on each side of hitch plate</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of TC25 Series Tree Carrier](image-url)
### TC25 Series Tree Carrier

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal quick attach hitch</td>
<td>Fits a wide variety of skid steer loaders and compact track loaders rated up to 100 hp. Makes the Tree Carrier quick and easy to attach.</td>
</tr>
<tr>
<td>Available in 36&quot;, 42&quot;, &amp; 48&quot; widths</td>
<td>Purchaser can choose a size and price range that fits his or her needs.</td>
</tr>
<tr>
<td>1/4&quot; AR400 continuous welded scoop construction</td>
<td>AR400 steel resists bending and wear. Continuous welds makes it extra strong.</td>
</tr>
<tr>
<td>Beveled front scoop edge</td>
<td>Scoop is easier to drive in the ground.</td>
</tr>
<tr>
<td>Reinforced scoop with 5/16&quot; mild steel gusset plates</td>
<td>Adds strength and rigidity to the Tree Carrier.</td>
</tr>
<tr>
<td>Hook points</td>
<td>Provides an easy way to secure the tree in the bucket to prevent the tree from falling over while transporting it.</td>
</tr>
<tr>
<td>Two bolt-on cast steel skid steps</td>
<td>Makes entering and exiting the power machine safer.</td>
</tr>
<tr>
<td>Drain slot at the back</td>
<td>Allows rain water to drain from the scoop.</td>
</tr>
<tr>
<td>Problem</td>
<td>Cause</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>Cannot lift load</td>
<td>Insufficient power to lift load.</td>
</tr>
<tr>
<td>Scoop is not penetrating the ground.</td>
<td>Entering the ground on top of large roots. Back-up of a few inches and try again.</td>
</tr>
<tr>
<td></td>
<td>Ground has a solid object in it such as a large rock.</td>
</tr>
<tr>
<td>Load is shifting in the Tree Carrier</td>
<td>Universal quick attach hitch is not properly attached to Tree Carrier hitch plate.</td>
</tr>
<tr>
<td></td>
<td>Load is being carried too high.</td>
</tr>
<tr>
<td></td>
<td>Traveling and/or turning too fast.</td>
</tr>
<tr>
<td></td>
<td>Traveling sideways to an incline.</td>
</tr>
<tr>
<td></td>
<td>Load is not centered in Tree Carrier.</td>
</tr>
</tbody>
</table>
## Torque Values Chart for Common Bolt Sizes

<table>
<thead>
<tr>
<th>Bolt Size (inches)</th>
<th>Bolt Head Identification</th>
<th>Grade 2</th>
<th>Grade 5</th>
<th>Grade 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; - 20</td>
<td></td>
<td>7.4</td>
<td>5.6</td>
<td>11</td>
</tr>
<tr>
<td>1/4&quot; - 28</td>
<td></td>
<td>8.5</td>
<td>6</td>
<td>13</td>
</tr>
<tr>
<td>5/16&quot; - 18</td>
<td></td>
<td>15</td>
<td>11</td>
<td>24</td>
</tr>
<tr>
<td>5/16&quot; - 24</td>
<td></td>
<td>17</td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td>3/8&quot; - 16</td>
<td></td>
<td>27</td>
<td>20</td>
<td>42</td>
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<td>3/8&quot; - 24</td>
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<td>31</td>
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<td>47</td>
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<td>7/16&quot; - 14</td>
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<td>43</td>
<td>32</td>
<td>67</td>
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<td>7/16&quot; - 20</td>
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<td>49</td>
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<td>75</td>
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<td>66</td>
<td>49</td>
<td>105</td>
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<td>75</td>
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<td>130</td>
<td>97</td>
<td>205</td>
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<td>150</td>
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<td>250</td>
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<td>1&quot; - 8</td>
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<td>750</td>
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<td>890</td>
<td>655</td>
<td>1990</td>
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<td></td>
<td>1010</td>
<td>745</td>
<td>2270</td>
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<tr>
<td>1-1/2&quot; - 6</td>
<td></td>
<td>1180</td>
<td>870</td>
<td>2640</td>
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<tr>
<td>1-1/2&quot; - 12</td>
<td></td>
<td>1330</td>
<td>980</td>
<td>2970</td>
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<table>
<thead>
<tr>
<th>Bolt Size (Metric)</th>
<th>5.8</th>
<th>8.8</th>
<th>10.9</th>
</tr>
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<tbody>
<tr>
<td>Class 5.8</td>
<td>N · m</td>
<td>ft-lb</td>
<td>N · m</td>
</tr>
<tr>
<td>M 5 X 0.8</td>
<td>4</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>M 6 X 1</td>
<td>7</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>M 8 X 1.25</td>
<td>17</td>
<td>12</td>
<td>26</td>
</tr>
<tr>
<td>M 8 X 1</td>
<td>18</td>
<td>13</td>
<td>28</td>
</tr>
<tr>
<td>M10 X 1.5</td>
<td>33</td>
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<td>52</td>
</tr>
<tr>
<td>M10 X 0.75</td>
<td>39</td>
<td>29</td>
<td>61</td>
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<tr>
<td>M12 X 1.75</td>
<td>58</td>
<td>42</td>
<td>91</td>
</tr>
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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 should be made to the dealer which originally sold the product and all warranty adjustments must be made through an authorized Kubota dealer. Kubota 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 original purchase.

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

Model Number ____________________ Serial Number ____________________
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