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

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

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

Dealer Contact Information

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

California Proposition 65

WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov
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Printed in the United States of America.
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 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:

**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 off and be run over or interfere with the control of the power machine.
▲ Never allow children to operate the power machine, even under adult supervision.
▲ Never allow children to play on the power machine or attachment.
▲ Use extra caution when backing up. Before the power machine starts to move, look down and behind to make sure the area is clear.
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.

**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.

**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.

**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.
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.
Important Safety Information

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.
This page left blank intentionally.
**Safety Labels**

Your Trip Edge Blade 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. remove

---

**838-106C**

Warning: General Safety Information
**Danger: Pinching Hazard**

**838-614C**

2" x 9" Red Reflector (2 places)

**838-615C**

2" x 9" Amber Reflector (1 place)
37798

**CAUTION**

To Prevent Injury or Machine Damage
- Engage pivot lock during transport and storage
- Disengage pivot lock for blade operation

848-374C
Caution: Transport & Storage Hazard

37798

**WARNING**

To Prevent Serious Injury or Death
- Avoid unsafe operation or maintenance.
- Do not operate or work on this machine without reading and understanding the Operator’s Manual.
- If manual is lost, contact your nearest dealer for a new manual.

838-293C
Warning: Read Manual

37798

**WARNING**

HIGH-PRESSURE FLUID HAZARD
To prevent serious injury or death
- Relieve pressure on hydraulic system before servicing or disconnecting hoses.
- Wear proper hand and eye protection when searching for leaks. Do not use fingers to check for leaks; use wood or cardboard.
- Keep all components in good repair.

818-831C
Warning: High Pressure
Kubota welcomes you to the growing family of new product owners. This Trip Edge Blade 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 TB2596 and TB25108 front mounted Trip Edge Blades are designed and built by Kubota to meet the needs of landscapers, construction companies, farmers, ranchers, homeowners, school systems, and municipalities. The TB2596 and TB25108 blades are adapted for quick-attach front mounting on 30 to 80 hp skid steers and on tractors equipped with front loaders that have quick-attach type adapter mounting plates. These blades are primarily designed for snow removal operations in the forward operating mode only. They are also capable of pushing light aggregate materials such as pea gravel or livestock feed such as shelled or ground corn and silage. Their trip-edge design provides improved protection against blade damage when unexpected ground obstacles are encountered.

See “Specifications & Capacities” on page 28 and “Features & Benefits” on page 29 for additional information and performance enhancing options.

**Using This Manual**

- This Operator’s Manual is designed to help familiarize you with safety, assembly, operation, adjustments, troubleshooting, and maintenance. Read this manual and follow the recommendations to help ensure safe and efficient operation.

- The information contained within this manual was current at the time of printing. Some parts may change slightly to assure you of the best performance.

- To order a new Operator’s or Parts Manual, contact your authorized dealer. Manuals can also be downloaded, free-of-charge, from our website at www.landpride.com

**Terminology**

“Right” or “Left” as used in this manual is determined by 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 that this information must be read and 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 Trip Edge Blade have been specially designed by Kubota/Land Pride and should only be replaced with genuine Kubota parts. Contact a Kubota dealer if customer service or repair parts are required. Your Kubota dealer has trained personnel, repair parts, and equipment needed to service the attachment.

**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 dealer wants you to be satisfied with your new Trip Edge Blade. 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:

   **Kubota by Land Pride**
   **Service Department**
   **1525 East North Street**
   **P.O. Box 5060**
   **Salina, Ks. 67402-5060**
   **E-mail address**
   lpservicedept@landpride.com

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4/9/19
Tractor/Skid Steer Requirements
The Trip Edge Blade is designed to attach to skid steer loaders and tractor loaders with the following requirements:

- Hitch type: Skid steer type quick attach, meets ISO 24410
- Horsepower Requirements: 30-80 hp
- Maximum tractor/skid steer Weight (GVW): 8,500 lbs.
- Maximum SAE Lift Capacity: 5,000 lbs.
- Maximum Hydraulic Pressure Rating: 3,500 PSI.
- Hydraulic Connections: 2 - Hydraulic Outlets

⚠️ WARNING
To avoid serious injury or death:
Lightweight power machines may need weight added to the rear to maintain steering control and prevent forward tipping or side tipping caused by a heavy front load. Consult your power machine Operator’s Manual to determine proper weight requirements and maximum weight limitations.

Torque Requirements
Refer to “Torque Values Chart for Common Bolt Sizes” on page 31 to determine correct torque values when tightening hardware.

Before You Start
Make sure that the intended tractor/skid steer conforms to the requirements stated above. Also, read and understand this Operator’s manual for your Trip Edge Blade. An understanding of how it works will aid in its assembly and set-up.

Go through the Pre-Assembly Checklist before assembling the Trip Blade. To speed up your assembly task and make the job safer, have all needed parts and equipment readily at hand.

### Pre-Assembly Checklist

<table>
<thead>
<tr>
<th>Check</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Have a fork lift or loader with properly sized chains and safety stands capable of lifting and supporting the equipment on hand.</td>
<td>Assembly &amp; Set-up</td>
</tr>
<tr>
<td>Have a minimum of two people available during assembly.</td>
<td></td>
</tr>
<tr>
<td>Make sure all major components and loose parts are shipped with the attachment.</td>
<td></td>
</tr>
<tr>
<td>Double check to make sure all parts, fasteners, and pins are installed in the correct location. Refer to the Parts Manual if unsure. By double checking, you will lessen the chance of incorrectly using a bolt that may be needed later.</td>
<td>Operator’s Manual 301-291MK</td>
</tr>
<tr>
<td>Make sure working parts move freely, bolts are tight &amp; cotter pins are spread.</td>
<td>Operator’s Manual 301-291PK</td>
</tr>
<tr>
<td>Make sure all grease fittings are in place and lubricated.</td>
<td>Page 27</td>
</tr>
<tr>
<td>Make sure all safety labels are correctly located and legible. Replace if damaged.</td>
<td>Page 6</td>
</tr>
<tr>
<td>Make sure all red and amber reflectors are correctly located and visible when machine is in transport position.</td>
<td>Page 7</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.
**Hitch Assembly**

*Refer to Figure 1-1:*

1. Locate shipping crate on a level surface. Remove & separate blade assembly, hitch assembly, hydraulic cylinder, hydraulic hoses, and hardware bag from shipping crate.
2. Use a lifting device to set moldboard (#3) upright.
3. Remove top and bottom bolts (#6) and 2" x 3" pivot pins (#5) from hitch assembly (#1).
4. Carefully align hitch assembly (#1) with pivot assembly (#2) and reinsert both pivot pins (#5) and secure with 3/8"-16 x 1 1/2" GR5 hex flange serrated screws (#6) and hex flange locknuts (#7). Tighten nuts to the correct torque.
5. Charge pivot pins (#4 & #5) until grease is visible.
6. Lower unit to ground and unhook lifting device.
7. Attach spring hose holder (#8) to hitch plate (#1) with 3/8"-16 x 1 1/2" GR5 hex flange serrated screws (#6) and hex flange locknuts (#7). Tighten nuts to the correct torque.
8. Re-check all hardware for tightness. Torque all bolts to specifications listed on page 11.

**IMPORTANT:** Remove zerk covers and charge all three Pivot Pins (#4 & #5) with grease until grease is visible. Thereafter, lubricate per lubrication instructions on page 27.
Hydraulic Cylinder & Hose Assembly

Refer to Figure 1-2:

**WARNING**

To avoid serious injury or death:

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.

**IMPORTANT:** Make sure threads and insides of fittings and hoses are clean.

Refer to Figure 1-2:

1. Locate elbow (#10) with a small orifice opening in one end. Attach that elbow to the base of hydraulic cylinder (#3). Attach the other elbow (#4) to the rod end. Hand tighten elbows.
2. Screw hydraulic hose (#7) to fitting (#10) and tighten.
3. Screw hydraulic hose (#6) to fitting (#4) and tighten.
4. Thread hydraulic hoses from left to right through hitch frame slots.
5. Attach base end of hydraulic cylinder (#3) to hitch assembly lugs with clevis pin (#2) and hairpin (#1).
6. Attach rod end of hydraulic cylinder (#3) to pivot assembly with clevis pin (#2) and hairpin (#1).
7. Adjust elbow fittings (#4 & #10) as needed to prevent wear on hoses due to frame contact and tighten.
8. Hydraulic hoses may be routed one of two ways:
   **Option 1 - Refer to Figure 1-2:**
   a. Thread hydraulic hoses (#6 & #7) through spring hose loop (#13).
   b. Zip tie hoses together 30" from QD couplers with zip tie (#12).
   **Option 2 - Refer to Figure 1-3:**
   a. Thread hydraulic hoses (#6 & #7) under left foot step as shown.
   b. Zip tie hoses together 30" from QD couplers. Zip tie not shown.

**NOTE:** Customer to chose which fitting best fits equipment set-up, 90° elbows (#11) or straight adapters (#5).

9. Thread adapter fittings (#5) or 90° elbows (#11) to hydraulic hoses (#6 & #7) and tighten.

Kubota CTL Note: Attach male QD coupler (#8) to hydraulic hose (#7) & hydraulic hose to base of cylinder (#3).

10. Attach male quick coupling (#8) to fitting (#5 or #11) on hose (#7) and tighten.
11. Attach female quick coupling (#9) to fitting (#5 or #11) on hose (#6) and tighten.
Tractor/Skid Steer Hook-Up

Refer to Figure 1-4:

⚠️ 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.

1. Make sure hydraulic hoses do not interfere with hitch hook-up.
2. Drive tractor/skid steer slowly to the blade making sure the front hitch plate of the tractor/skid steer is parallel with the blade hitch plate.
3. Tilt top of the loader hitch plate slightly forward and position top of hitch plate under the top angled bar on the Trip Blade hitch plate.
4. Slowly lift loader hitch until the top angle bar and loader hitch have come together.
5. Push lock handles on the loader hitch down into locked position. Check to make sure that the lock pins go through the bottom slots of the Trip Blade hitch plate.
Hose Hook-up
Refer to Figure 1-4:

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

- 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.

- Shut power machine down and release all hydraulic pressure to the equipment before connecting or disconnecting hydraulic hoses to or from the power machine.

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

---

3. Extend and retract hydraulic cylinder with tractor/skid steer controls. Switch male and female couplers on the hydraulic hoses if Trip Blade angles the opposite direction intended and then reconnect hoses to the tractor/skid steer outlets.

4. For additional help, refer to Hydraulic Hook-up in your tractor/skid steer Operator’s Manual.

**Equipment Clearances**
It is important to check clearance before putting unit into operation. Make sure hoses are long enough and won’t become pinched or entangled in the equipment. Also, make sure Trip Blade and moldboard do not come in contact with tractor/skid steer frame and tires by carefully going through its full range of motions.

1. Visually inspect hydraulic hoses for possible pinch points and shortness. Make hose adjustments before ever starting the machine.

2. Start tractor/skid steer and raise blade off the ground approximately 12". If necessary, have someone stand nearby that can motion to the operator to stop if a problem develops.

3. Fully extend blade cylinder to angle blade left and then fully extend and retract hydraulic cylinders on end of loader arms while watching for interferences with hydraulic hoses and blade.

4. Fully retract blade cylinder and then fully extend and retract hydraulic cylinders on end of loader arms while watching for interferences with hydraulic hoses and blade.

5. Raise blade fully up and repeat steps 3 & 4 above.

**Purging Hydraulic System**

**IMPORTANT:** Purge hydraulic cylinders and/or hoses of air before putting the equipment into service. Not purging the system can cause uneven cylinder movement and positioning.

1. With blade raised off the ground about 12", cycle hydraulic cylinder several times from fully extended to fully retracted.

Refer to Figure 1-2 on page 12:

2. If cylinder operates unevenly after cycling it several times, then purge the system as follows:
   a. Loosen hydraulic hose fitting (#4) at the rod end of the hydraulic cylinder (#3).
   b. Slowly retract and extend the cylinder to purge any trapped air from the system.
   c. Tighten fitting (#4) when all trapped air is removed.

---

1. Route hydraulic hoses through the most convenient path to access your power equipment couplings. Path shown may not be the most convenient. See note above if attaching to a Kubota skid steer.

2. Clean quick connect couplers of dirt and then connect male (#1) and female (#2) couplers to the tractor/skid steer high pressure outlets. Make sure quick connect couplers have fully engaged. If they have not, check the following:
   a. Make sure couplers are same size and type.
   b. Make sure hydraulic pressure has been released.
Orange Markers

Refer to Figure 2-1:

Kubota offers 28” tall orange markers that can be bolted to both sides of the moldboard. They are ideal for being able to locate the outer ends of the blade when approaching buildings, trees, poles, and other obstacles that could be damaged and/or damage the Trip Edge Blade when hit.

1. Attach 28” orange marker (#4) to outer left edge of moldboard (#1) with two 5/16"-18 x 1” GR5 hex head cap screws (#2) and hex nylock nuts (#3).
2. Tighten nuts to the correct torque.
3. Repeat steps 1 and 2 for the right side.

Orange Markers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301-290A</td>
<td>Orange Marker Package</td>
</tr>
</tbody>
</table>
### Cutting Blades

*Refer to Figure 2-2:*

Kubota offers two types of cutting blades (#1) (steel or poly) for the Trip Edge Blade. Use the steel blade for tougher applications and the poly blade for applications where you want to be more gentle such as concrete parking lots. See “Blade Removal and Installation” instructions on page 23.

<table>
<thead>
<tr>
<th>Steel blades</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td></td>
</tr>
<tr>
<td>301-274A</td>
<td>TB2596 Steel Cut Edge Package</td>
</tr>
<tr>
<td>301-275A</td>
<td>TB2596 Poly Cut Edge Package</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ploy blades</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No.</td>
<td></td>
</tr>
<tr>
<td>301-271A</td>
<td>TB25108 Steel Cut Edge Package</td>
</tr>
<tr>
<td>301-272A</td>
<td>TB25108 Poly Cut Edge Package</td>
</tr>
</tbody>
</table>

### Deflector Flap

*Refer to Figure 2-2:*

Kubota offers a 12" wide Deflector Flap mounted on the moldboard to help keep snow from flying over the moldboard and into the operator cab.

1. Attach 12" wide deflector flap (#4) to the top front flange of the moldboard (#5) with deflector backing bar (#1), ten 3/8"-16 x 1" GR5 hex flange screws (#2), and hex flange locknuts (#3).

2. Tighten nuts to the correct torque.

### Deflector Flap Assembly

![Deflector Flap Assembly](image)

#### Deflector Flap

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>301-306A</td>
<td>TB2596 Deflector Package</td>
</tr>
<tr>
<td>301-305A</td>
<td>TB25108 Deflector Package</td>
</tr>
</tbody>
</table>
Skid Shoes

*Refer to Figure 3-1:

There are two skid shoes mounted on the back under the end trip springs that should be adjusted vertically according to the surface they are running over.

**Soft Surfaces**: Adjust the bottom of the skid shoes to be about 1/2” below the blade cutting edge when on soft surfaces such as gravel, grain, or loose dirt.

**Hard Surfaces**: Adjust the bottom of the skid shoes to be even with the bottom of the cutting edge when on hard surfaces such as asphalt or concrete.

NOTE: The existing skid shoes can be moved to the alternate location shown in Figure 3-1 or an additional pair of skid shoes may be purchased and mounted in the alternate location.

1. Remove hex flange locknuts (#4) and hex flange screws (#3).
2. Adjust skid shoe mount (#2) up or down to your preference and reinstall hex flange screws (#3).
3. Secure hex flange screws with existing hex flange locknuts (#4). Tighten locknuts to the correct torque.

Trip Blade Tension Adjustment

Springs mounted on the back of the moldboard protect the unit by allowing the blade to trip back when striking a solid object. See chart below for recommended compressed spring lengths.

1. Loosen jam nut (#1) and tighten or loosen spring compression nut (#2) as needed to readjust the spring length.
2. Retighten jam nut (#1).
3. Repeat steps 1 and 2 above for the remaining three springs.

Trip Blade Tension Adjustment Table

<table>
<thead>
<tr>
<th>Description</th>
<th>TB2596</th>
<th>TB25108</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blade Width</td>
<td>96&quot;</td>
<td>108&quot;</td>
</tr>
<tr>
<td>Set-up Length*</td>
<td>12 11/16&quot;</td>
<td></td>
</tr>
</tbody>
</table>

*Set-up Length is measured from center line of lower pivot pin to under side of upper spring cap.

**CAUTION**

To avoid minor or moderate injury:

Compressing the springs to a value less than 12 11/16" will reduce Trip Blade angle and increase stored energy in the trip mechanism which can cause personal injury.
Section 4: Operating Procedures

Operating Procedures

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 Trip Edge Blade. Therefore, it is absolutely essential that no one operates the Trip Edge Blade unless they are age 16 or older and have read, fully understood, and are totally familiar with the Operator’s Manual.

Perform the following inspections before using your Trip Blade.

Operating Checklist

<table>
<thead>
<tr>
<th>Check</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read &amp; follow all safety rules &amp; safety decals.</td>
<td>1</td>
</tr>
<tr>
<td>Refer to “Important Safety Information”</td>
<td></td>
</tr>
<tr>
<td>Make sure all guards and shields are in place.</td>
<td>1</td>
</tr>
<tr>
<td>Refer to “Important Safety Information”</td>
<td></td>
</tr>
<tr>
<td>Read &amp; follow preparation instructions.</td>
<td>10</td>
</tr>
<tr>
<td>Refer to “Section 1: Assembly &amp; Set-up”.</td>
<td></td>
</tr>
<tr>
<td>Read &amp; make all required adjustments.</td>
<td>17</td>
</tr>
<tr>
<td>Refer to “Section 3: Adjustments”.</td>
<td></td>
</tr>
<tr>
<td>Read and follow all operating procedures.</td>
<td>18</td>
</tr>
<tr>
<td>Refer to “Section 4: Operating Procedures”.</td>
<td></td>
</tr>
<tr>
<td>Read &amp; follow all maintenance Instructions.</td>
<td>23</td>
</tr>
<tr>
<td>Refer to “Section 5: Maintenance &amp; Lubrication”.</td>
<td></td>
</tr>
<tr>
<td>Read &amp; follow all lubrication instructions.</td>
<td>27</td>
</tr>
<tr>
<td>Refer to “Lubrication Points”.</td>
<td></td>
</tr>
<tr>
<td>Check Trip Edge Blade initially and periodically for loose bolts and pins. Refer to “Torque Values Chart”.</td>
<td>31</td>
</tr>
</tbody>
</table>

General Safety Information

⚠️ 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.
- Stay away from a blade that has tripped and will not reset itself. Do not attempt to free blade by hand as the blade can suddenly spring back due to high return spring load. See “Jammed Trip Blade” instructions on page 26.
- Refer to Figure 4-1: Use stepping pads on the hitch plate and hand holds on the skid steer when climbing into the skid steer cab. Never step on smooth surfaces or on the blade. Feet can slip on smooth surfaces especially if wet or icy and the blade can suddenly shift if pivot control pin has not been properly inserted.
- Never carry riders on the implement 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 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. Fasten seat belt snugly and securely to help protect against serious injury or death from machine overturn.
- Make sure controls are all in neutral position or park before starting the power machine.
- Check hitch fit-up frequently. An improper fit-up can cause the attachment to come loose from the loader hitch plate and fall.
- Always dress to stay warm in cold weather. Never allow body or extremities to become too cold. Use a cab to provide protection against the cold. Go inside a heated area to warm-up when getting too cold.
- 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.

WARNING
Section 4: Operating Procedures

- 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 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 to lift, carry, push or tow other equipment and objects. It is not properly designed or guarded for this use. The operator could lose control and cause a tipping hazard.
- Avoid hitting solid objects with this attachment. Solid objects can damage equipment and throw operator forward causing loss of control, bodily injury, or death. Always wear the seat belt.
- Do not move snow at high speeds. High speeds can result in sudden loss of control leading to damaged property, equipment, and bodily harm.
- 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.

**CAUTION**

To avoid minor or moderate injury:

- **Refer to Figure I-1 on page 11:** Always check hardware for tightness before using the blade. The moldboard will fall off if any of the pivot pin retaining bolts (#6 & #9) are missing.
- Always exercise safety, courtesy, and common sense. Be aware of pedestrian and vehicle traffic. Check blind spots before moving. Move snow during low-traffic hours.
- The Trip Edge Blade is designed primarily for moving snow. It may also be used to move small amounts of light aggregate materials such as pea gravel, grain, and loose soil. Do not use the blade to move undisturbed soil, heavy materials, gravel, rocks, or similar items.

Pre-Operation Inspection

1. Park tractor/skid steer with Trip Edge Blade on a flat level surface. Place transmission in park, set park brake and lower blade onto the level surface.
2. Shut tractor/skid steer off, remove switch key, relieve all pressure in the hydraulic lines and wait for all moving parts to come to a complete stop before dismounting from the tractor/skid steer.
3. Visually check for excessive wear, worn, damaged, cracked, or loose parts. Replace parts with genuine Kubota parts.
4. Inspect all connections for leaks. Tighten any connections that are loose.

5. Start tractor/skid steer and check hydraulic oil leaks with a piece of paper or cardboard. Do not use your hands as invisible thin streams of high pressure oil can be injected into your skin.
6. Inspect hydraulic hose for pinch points that can damage the hose during operation and for sufficient length and equipment clearances. See “Equipment Clearances” on page 14.
7. Check all controls and operating functions of the tractor/skid steer.

Trip Edge Blade Operation

**Raise & Lower Trip Blade**

Use tractor/skid steer arms to raise and lower the Trip Blade. Often the arms are set to float so that the Trip Blade can float over the terrain while riding on the skid shoes.

**Tilt Trip Blade**

Operate cylinders at the front of the tractor/skid steer loader arms to tilt the Trip Blade forwards or backwards. Do not tip the Trip Blade forward to apply down pressure as this will cause the Trip Blade to ride up over the snow and will trip the blade.

**Angle Trip Blade**

Angle the Trip Blade to push product to the side by operating the tractor/skid steer hydraulic lever. Move the lever in one direction to push product to the left and in the opposite direction to push product to the right. Release the lever when the moldboard is at the preferred angle. Switch male and female couplers on the hydraulic hoses if lever action is opposite of what is preferred.
Section 4: Operating Procedures

Transporting

⚠️ DANGER
To avoid serious injury or death:
Do not allow the blade to cross over the center line of a public road. Oncoming traffic can hit the blade resulting in personal injury, loss of life, and damage to equipment.

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

1. Raise Trip Edge Blade to a safe traveling height that does not block your view.
2. Lock blade oriented straight across with pivot control pin (#1). See “Pivot Lock Operation” instructions on page 20.
3. Set hydraulic flow to off or neutral to prevent accidental lowering of the blade. Never adjust Trip Blade while traveling.
4. Select a safe ground speed when transporting from one area to another.
5. Be sure to reduce ground speed when turning and leave enough clearance so the blade does not contact obstacles such as buildings, trees, or fences.
6. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
7. Shift to a lower gear when traveling over rough or hilly terrain.

Operating Guidelines

Removing snow with your blade can be made easier by following some simple guidelines.

- Allow any blade that is kept in warm storage to cool before moving snow. Snow will freeze to a warm blade making snow removal difficult.
- Stay current with your snow removal. Fresh snow is much easier to remove.
- Push first snows far enough away to allow space for future snow falls.
- Do not overload equipment. Push only as much snow as equipment can safely and easily handle. Snow that has become deep and/or compacted may require several passes.
- Be aware of equipment overheating. Allow time for equipment to cool if it is overheating.
- Accelerate slowly when starting a pass to allow time for tire traction and for snow to accumulate in front of the blade.

Pivot Trip Blade

Refer to Figure 4-2:
The Trip Blade is designed to float over the surface on its skid shoes while pivoting as much as 15° clockwise or counterclockwise. Lock pivot assembly with blade straight across when transporting, working around the attachment, and when storing it. Unlock pivot assembly when pushing product with the blade.

Pivot Lock Operation

Refer to Figure 4-2:

⚠️ CAUTION
To avoid minor or moderate injury:
Always lock pivot assembly when transporting from one site to another; when working on or around the Trip Blade, and when storing the attachment. An unlocked blade can suddenly rotate causing personal injury or damage to the equipment.

Lock Pivot
1. Raise Trip Edge Blade up approximately 4" to 6" off the ground.
2. Orient blade by hand to be straight across.
3. Remove hairpin cotter (#2).
4. Insert pivot control pin (#1) 1" into pivot assembly lock tube and then reinsert hairpin cotter (#2).

Unlock Pivot
1. Raise Trip Edge Blade up approximately 4" to 6" off the ground.
2. Remove hairpin cotter (#2).
3. Pull pivot control pin (#1) out 1" and then reinsert hairpin cotter (#2).
• Reduce speed when coming to the end of a pass and when needed.
• Never pile snow on someone else’s property, streets, or sidewalks.
• Check with local regulations before pushing snow across roadways. This may be illegal in your area.
• Never pile snow near fire hydrants, mailboxes, water drains, electrical boxes, or handicapped parking areas.
• Never pile snow where it obstructs visibility of traffic.

**Plowing Snow**
The Trip Edge Blade is primarily designed for snow removal operations in the forward operating mode only. Its trip edge design provides improved protection against blade damage when unexpected ground obstacles are encountered.

**DANGER**
To avoid serious injury or death:
• 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.
• Do not allow bystanders to be near the attachment, loader arms, or power machine during operation. They can be hit by falling objects, entangled in the equipment, ran over, etc.

**WARNING**
To avoid serious injury or death:
• 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.
• Always operate attachment while seated with seat belt fastened around operator and lower seat bar when equipped with the skid steer. This will help protect the operator against sudden stops when hitting solid objects.

**IMPORTANT:** When pushing snow into a pile, always do so with blade in the straight forward position. Piling snow with the blade angled can damage the blade and tractor/skid steer.

1. When possible, thoroughly inspect the area to be plowed ahead of a snowfall. Otherwise, search the area thoroughly for potential problems before moving the snow.
   a. Mark all potential obstructions with stakes or flags that can be seen above the snow.
   b. Identify emergency equipment and utility outlets that will need quick access. Make a plan on how to clear the area so that emergency crews can access them quickly in the event of a storm.
   c. Identify areas where snow can be piled safely without obstructing traffic visibility and without obstructing access to fire hydrants, utilities, mailboxes, property, and parking areas. Also, don’t pile snow on streets, sidewalks, or someone else’s property without permission from the proper authorities.
   d. Identify tight areas that will be hard to turn around in and make a plan for clearing such areas.

2. Adjust bottom of the skid shoes to be about 1/2" below the blade cutting edge when on soft surfaces such as gravel or dirt and even with the bottom cutting edge when on hard surfaces such as asphalt or concrete.


4. Set tractor/skid steer lift arms to float so that the skid shoes and blade can follow the contour of the ground.

5. Set blade angle straight if pushing snow into a pile. Set blade angle to the left or right if moving snow to one side.

6. Lower blade down and drive forward. When at the end of travel, raise blade up and back tractor/skid steer up to get a new load of snow.

   • **Straight Blade:** Push snow up into piles by setting the blade straight and pushing the snow towards the pile. Raise the blade up slowly while pushing the snow onto the pile to make the pile higher and bigger.

   • **Angling the Blade:** Clear large lots of snow by setting the blade at an angle and making a single path through the lot. Then make successive passes pushing the snow to the outer edges of the lot.

   • **Unmanageable Snow:** Remove snow before it accumulates too deep or becomes too wet. Wet snow weighs around 12 lbs per cubic ft., and will add several tons of weight to push. Deep snow is heavy and unmanageable to move; both cost time and wear on equipment.

   Raise blade up to shear off the top 6" layer. Lower blade 6" to clear off another layer. Continue lowering blade until a working area is cleared. Then work small areas making multiple passes pushing snow to the outer edges. Use the following as a guide line:

   - 6" Snow: Use full blade width to push snow.
   - 9" Snow: Use 3/4 blade width to push snow.
   - 12" Snow: Use 1/2 blade width to push snow.

**Push Light Aggregate Materials**
The Trip Edge Blade is also designed to push light aggregate materials such as pea gravel, light dirt work, and live stock feed such as shelled or ground corn and silage. Its trip-edge design provides improved protection against blade damage when unexpected ground obstacles are encountered.
Unhook Blade

Refer to Figure 4-3:

1. Park tractor/skid steer with Trip Edge Blade on a flat level solid surface.
2. Orient blade straight across and lock pivot assembly to prevent sudden shifting of unit while working on or around it. See “Pivot Lock Operation” instructions on page 20.
3. Lower Trip Blade onto the surface. Place transmission in park and set park brake.
4. Shut power equipment off, remove switch key, relieve hydraulic pressure and wait for all moving parts to come to a complete stop before dismounting.
5. Uncouple hydraulic hose fittings (#1 & #2) from the tractor/skid steer. Store hose ends on the Trip Blade.
6. Pull lock handles up to remove pins from bottom slots in hitch plate.
7. Tilt bottom of the tractor/skid steer hitch plate slightly back towards the power equipment.
8. Slowly lower tractor/skid steer hitch until the top angle bar and tractor/skid steer hitch have separated.
9. Back tractor/skid steer slowly away from the blade making sure it does not interfere with Trip Blade hitch plate and hydraulic hoses.

General Operating Instructions

Once you have familiarized yourself with the Operator’s Manual, completed the operations checklist, and properly attached your Kubota TB2596 or TB25108 Trip Edge Blade to your tractor loader or skid steer loader, you are now almost ready to begin work. The TB2596 and TB25108 Trip Edge Blade were designed and built by Kubota for quick-attach adapter plate front mounting to 30 to 80 hp tractors or skid steers equipped with remote hydraulic outlets. They are ideal for snow removal as well as lighter dirt leveling, finish grading, and backfilling applications around feedlots, outdoor arenas, building sites, and smaller gravel spreading operations on farm and ranch lanes or roadways. They are also excellent for pushing livestock feed such as shelled or ground corn or silage. Hopefully, you have checked out your work site for any obstacles that you wouldn’t want to damage or encounter. Marking stakes should be placed to help you avoid obstacles buried in the snow or to help establish push-back limits for snow piles.

The TB2596 and TB25108 front mounted blades have Trip-Edge protection designed in to provide an added measure of safety. Should you strike an immovable object in your path, the bottom edge of the blade immediately releases and tilts rearward until you are clear of the obstacle. When the obstacle is passed over, the blade will automatically reset itself to working position. Because of the potential to encounter buried obstacles in the snow, Kubota insists that all operator’s of these blades wear seat belts for their own personal safety.

If you have the blade set at an angle, the accumulated snow or material will begin to move outward toward the trailing edge of the blade. The greater the angle the more quickly the accumulation will be distributed off to the side. When pushing snow or aggregate materials into a pile, it is usually best to raise the blade at the last minute in order to push the upper portion of the pile even further back. Ground speeds for snow removal functions are best done at an approximate 2 to 4 mph ground speed. Becoming proficient with a front blade takes some practice. Tractor or skid steer horsepower, your personal skill level, depth, and weight of the snow, traction conditions, soil, or aggregate composition, moisture levels, and compaction factors will all have a definite impact on how easily and effectively you get the job done. Develop a plan to achieve your expected results. Set the blade up at the proper angle to do the job. This may require some experimentation to achieve the desired results. Remember that this blade is designed for forward operation only.

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.

With a little practice you should become a very good operator and consistently achieve the desired results you expect with your Kubota TB25 Series Trip Edge Blade. See the “Features and Benefits” section or the “Product Specifications” section for additional information and performance enhancing options.
Section 5: Maintenance & Lubrication

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

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

Blade Removal and Installation
Refer to Figure 5-1:

**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.
- Always lock pivot assembly when working on or around the Trip Edge Blade. An unlocked pivot assembly can suddenly rotate causing personal injury.

Preparation Instructions
Refer to Figure 4-2 on page 20:

1. Park tractor/skid steer with Trip Edge Blade on a flat level solid surface. Lock blade oriented straight across with pivot control pin (#1) and hairpin cotter (#2).
2. Lower hitch frame onto solid support blocks with blade supported off the ground.
3. Place transmission in park and set park brake.
4. Shut tractor/skid steer off, remove switch key, and relieve all hydraulic pressure before dismounting.
5. If your cutting blade is made of steel, continue with “Steel Blade Removal and Assembly” below. Skip to “Poly Blade Removal and Assembly” on page 24 if your blade is made of poly wear material.

Steel Blade Removal and Assembly
Refer to Figure 5-1:

1. Remove all but the two outside plow bolts (#2) from blade (#4).
2. Loosen the two outside hex nuts (#3). Do not remove nuts at this time.
3. Hold one end of blade up and remove plow bolt (#2) from that end. Lower that end of the blade down to the ground.
4. Hold opposite end of blade up and remove plow bolt (#2) from that end. Lower blade to ground.
5. Inspect plow bolts (#2) and nuts (#3) for wear. Replace as needed.
6. Inspect blade cutting edge. Replace blade if cutting edge is excessively worn.
7. With cutting edge down, raise one end up to the moldboard and attach with plow bolt (#2) and hex nut (#3). Draw nut up snug, do not tighten.
8. Raise the other end up to the moldboard and attach with plow bolt and hex nut. Draw nut up snug, do not tighten.
9. Install remaining 5/8"-11 x 1 1/2" GR5 plow bolts (#2) and nuts (#3). Tighten all nuts to the correct torque.
10. Return to the tractor/skid steer. Raise unit up and remove support blocks.
Poly Blade Removal and Assembly

Refer to Figure 5-2:

1. Remove all but the two outside round head square neck (RHSN) bolts (#2) from moldboard (#5).
2. Loosen the two outside hex nuts (#3). Do not remove nuts at this time.
3. Hold one end of blade (#4) and retaining plate (#1) up and remove RHSN bolt (#2) from that end. Lower that end down to the ground.
4. Hold opposite end of blade and retaining plate up and remove RHSN bolt from that end. Lower blade and retaining plate to ground.
5. Inspect RHSN bolts (#2) and nuts (#3) for wear. Replace as needed.
6. Inspect cutting edge of poly blade (#4). Replace blade if cutting edge is excessively worn.
7. With cutting edge down, raise one end up and attach to moldboard with RHSN bolt (#2), backing bar (#1), and hex nut (#3). Draw nut up snug, do not tighten.
8. Raise the other end up and attach to the moldboard with RHSN bolt, retaining plate, and hex nut. Draw nut up snug, do not tighten.
9. Install remaining 5/8" x 1 1/2" GR5 RHSN bolts (#2) and nuts (#3). Tighten all nuts to the correct torque.
10. Return to the tractor/skid steer. Raise unit up and remove support blocks.
Section 5: Maintenance & Lubrication

Trip Hinge Maintenance
Refer to Figure 5-3:

⚠️ 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.
- Always lock pivot assembly when working on or around the Trip Blade. An unlocked blade can suddenly rotate clockwise or counterclockwise causing personal injury.

**NOTE:** The Trip Blade could be damaged if it will not trip or has tripped and will not reset. See “Jammed Trip Blade” on this page if it will not reset itself.

At the start of each season, check blade hinge movement to ensure the pivot rods have not seized.

1. Park tractor/skid steer with Trip Edge Blade on a flat level solid surface. Lock blade oriented straight across with pivot control pin (#4) and hairpin cotter (#9).
2. Lower hitch frame onto solid support blocks with blade supported off the ground.
3. Place transmission in park and set park brake.
4. Shut tractor/skid steer off, remove switch key, and relieve all hydraulic pressure before dismounting.
5. Remove locknuts (#7) and bolts (#6) until all four spring assemblies (#10) are detached at the bottom from blade (#1). Be careful not to lose lower spring mount spacers (#3).
6. Move hinged blade (#1) fully forward and backward by hand.
   a. If blade does not move, spray penetration oil into the hinge joints and work blade back and forth until it moves freely.
   b. If blade still does not move, remove locknuts (#8) and screws (#5) from both sides of the blade. Pull pivot rods (#2) partway out to free up hinge movement. Work blade back and forth until it moves freely. Apply white lithium based spray lubricant to the pivot rods (#2) and then reinsert them into the hinge barrels. Secure rods in place with 3/8"-16 x 1" GR5 hex flange screws (#5) and hex flange locknuts (#8). Tighten nuts to the correct torque.
7. Reassemble spring assemblies (#10) to the hinged blade (#1) with 1/2"-13 x 6 1/8" GR5 hex flange screws (#6), lower spring mount spacers (#3) and hex flange locknuts (#7). Draw nuts up to rib. Do not over tighten or spring assembly may not rotate properly.
8. Apply white lithium based spray lubricant to the hinge joints to help keep moisture out.
9. Raise blade up and remove support blocks.
Section 5: Maintenance & Lubrication

Jammed Trip Blade

⚠️ DANGER

To avoid serious injury or death:

- Stay away from a blade that has tripped and will not reset itself. Do not attempt to free the blade by hand as the blade can suddenly spring back due to the high spring return load.
- Do not disassemble blade and springs while springs are compressed. Each spring can store over 1000 lbs. The sudden release of this force can cause great bodily harm.

**IMPORTANT:** If blade will not reset itself after backing-up, have a qualified service technician repair the unit. Do not attempt to repair it yourself.

With proper maintenance and under normal operating conditions, the blade should always return to its operating position after tripping. Stay away from the blade if it has not returned. Do not pull debris from the blade hinge or attempt to work on the blade to free a bound area.

Penetrating oil can be sprayed on the hinge to help free blade movement. Be sure to keep a safe distance away from the blade's rotational path and blade hinge while spraying.

Try resetting the blade by lowering it to the ground and backing up with the tractor/skid steer. Do not catch the blade on a solid object while backing up as this can damage the blade and blade hinge.

Perform maintenance on the blade after it has reset itself to keep the blade from becoming jammed again. See “Trip Hinge Maintenance” on this page for instructions.

Hydraulic System

⚠️ 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:

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.

One of the most important things you can do to prevent hydraulic system problems is to ensure that your tractor/skid steer’s reservoir remains free of dirt and contamination. These simple maintenances will go a long way to prevent occurrence of hydraulic problems:

1. Replace your tractor/skid steer’s hydraulic filter element at the prescribed intervals.
2. Inspect tractor/skid steer hydraulic oil level. Add oil if it is low.
3. Use a clean cloth to wipe hose ends before attaching them to your tractor/skid steer.
4. Inspect quick couplers, make sure they are fully engaged. Replace couplers if they are sized wrong.
5. Inspect hydraulic hoses and cylinder for oil leaks. Tighten or replace components to fix leaks.

Long-Term Storage

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

1. Remove any dirt and grease that may have accumulated on the blade and moving parts. Scrape off compacted dirt from the bottom of blade and then wash surface thoroughly with a garden hose.
2. Inspect for loose, damaged or worn parts and adjust or replace as needed.
3. Repaint parts where paint is worn or scratched to prevent rust. Ask your Kubota dealer for touch-up paint. Paint is available in aerosol can, quarts, and gallon sizes. See chart below.

### Touch-Up Paint

<table>
<thead>
<tr>
<th>Part No.</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. Replace all damaged or missing decals.
5. A coating of oil may also be applied to the lower blade area to minimize oxidation while in storage.
6. To protect against sizing, lubricate moving parts as noted in “Lubrication Points” starting on page 27.
7. Store blade on a level surface in a clean, dry place. Inside storage will reduce maintenance and make for a longer blade life.
8. Follow all unhooking instructions on page 22 when disconnecting tractor from blade.
Lubrication Points

**Pivot Assembly Pivot Pins**
3 - Zerks under zerk covers (#1)
Type of Lubrication: Multi-purpose Grease
Quantity = 6 or more pumps (Make sure grease is visible)

**NOTE:** Remove zerk covers (#1) to locate zerks. Apply 6 or more pumps per zerk until grease is visible and then replace covers. Repeat lubrication after every 25 hrs. of use.

**Spring Loaded Pivot Pins**
8 - Spring loaded pivot pins
Type of Lubrication: Lithium based spray lubricant
Quantity = As required

**Blade hinge**
Front and Back at each trip hinge joint.
Type of Lubrication: White Lithium spray lubricant
Quantity = As required
## TB2596 & TB25108 Models

### Specifications & Capacities

<table>
<thead>
<tr>
<th></th>
<th>TB2596</th>
<th>TB25108</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Moldboard thickness</strong></td>
<td>ga (mm)</td>
<td>10 (3.4)</td>
</tr>
<tr>
<td><strong>Blade width</strong></td>
<td>in (m)</td>
<td>96 (2.44)</td>
</tr>
<tr>
<td>(Maximum cutting width)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cutting width @ 30° angle</strong></td>
<td>in (m)</td>
<td>83 1/4 (2.06)</td>
</tr>
<tr>
<td><strong>Moldboard height</strong></td>
<td>in (cm)</td>
<td>32 (81.3)</td>
</tr>
<tr>
<td><strong>Maximum blade angle</strong></td>
<td></td>
<td>30° left &amp; 30° right</td>
</tr>
<tr>
<td><strong>Angle cylinder size</strong></td>
<td>in (cm)</td>
<td>2 (3.1) bore x 6 (15.2) stroke</td>
</tr>
<tr>
<td><strong>Maximum hydraulic pressure</strong></td>
<td>psi (mPa)</td>
<td>3500 (24.1)</td>
</tr>
<tr>
<td><strong>Maximum blade pivot angle</strong></td>
<td></td>
<td>Floats on the skid shoes 15° clockwise &amp; 15° counterclockwise</td>
</tr>
<tr>
<td><strong>Blade angle &amp; pivot pin sizes</strong></td>
<td>in (cm)</td>
<td>Angle pin = 2.75 (7) x 6 (15.2) long</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pivot pin = 2 (5.1) x 3 1/8 (7.9) long</td>
</tr>
<tr>
<td><strong>Cutting edge</strong></td>
<td>in (cm)</td>
<td>1/2 (1.3) x 6 (15.2) x 96 (244) blade</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/2 (1.3) x 6 (15.2) x 108 (274) blade</td>
</tr>
<tr>
<td><strong>Trip release pressure</strong></td>
<td>lbs (kg)</td>
<td>700 (317.5)</td>
</tr>
<tr>
<td><strong>Skid steer/tractor horsepower</strong></td>
<td>hp (kW)</td>
<td>30 (22.4) to 80 (59.7)</td>
</tr>
<tr>
<td><strong>Equipment weight</strong></td>
<td>lbs (kg)</td>
<td>Steel blade = 657 (298)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Poly blade = 596 (270)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Steel blade = 684 (310)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Poly blade = 616 (279.4)</td>
</tr>
<tr>
<td><strong>Maximum pressure rating</strong></td>
<td>psi (mPa)</td>
<td>3500 (24.1)</td>
</tr>
</tbody>
</table>

---

*TB2596 = 97 1/16" (2.47 m)*  
*TB25108 = 111 1/16" (2.82 m)*  

*37 1/16" (.94 m)*  
*34 1/4" (87 cm)*

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26928
### Section 7: Features and Benefits

#### TB2596 & TB25108 Models

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforced 10 gauge moldboard design</td>
<td>Provides added strength and durability.</td>
</tr>
<tr>
<td>Choice of 96” or 108” working widths</td>
<td>Allows customers to choose the blade that meets their operational needs.</td>
</tr>
<tr>
<td>Double acting angling cylinder</td>
<td>Easily enables up to 30 degrees of angling to left or right distributing the load where you want it to go.</td>
</tr>
<tr>
<td>Trip edge design with adjustable springs</td>
<td>Protects the structural integrity of the blade while still maintaining load control no matter what the bottom edge encounters.</td>
</tr>
<tr>
<td>Easy attaching mounting system</td>
<td>Adapted for skid steer mounting and tractor loaders with skid steer type mounting plates.</td>
</tr>
<tr>
<td>Rotational free floating tilt action blade design</td>
<td>Allows blade to rotate on its mounting trunnion keeping the blade edge in uniform contact with the ground.</td>
</tr>
<tr>
<td>Transport lock</td>
<td>Keeps blade level in transport for better operator visibility and safer handling.</td>
</tr>
<tr>
<td>Standard operator mounting step</td>
<td>Provides for safer and easier mounting and dismounting by the operator when the blade is used in skid steer applications.</td>
</tr>
<tr>
<td>41” overall blade depth</td>
<td>Provides ability to perform in deeper snow conditions.</td>
</tr>
<tr>
<td>Replaceable bottom wear edge</td>
<td>Offered in steel or heavy duty poly construction to match ground &amp; surface operating conditions.</td>
</tr>
<tr>
<td>Skid shoes</td>
<td>Offered as standard equipment. Establish lower limits of blade operation to prevent surface gouging or cutting to deep.</td>
</tr>
<tr>
<td>Optional blade marker</td>
<td>Provides operator with improved awareness and visibility of outermost edges of the blade bottom to prevent unwanted contact with ground obstacles.</td>
</tr>
<tr>
<td>Optional top mounted rubber deflector</td>
<td>Helps prevent snow from over-topping the moldboard in deeper snow conditions.</td>
</tr>
</tbody>
</table>
## Troubleshooting Chart

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick connect couplings do not fit properly</td>
<td>Hydraulic lines are charged with high pressure oil.</td>
<td>Relieve hydraulic pressure.</td>
</tr>
<tr>
<td></td>
<td>Couplings on the hydraulic hoses are the wrong size to fit power equipment couplers.</td>
<td>Replace hydraulic hose couplers with couplers that match power equipment couplers.</td>
</tr>
<tr>
<td>Hydraulic Cylinder leaks oil</td>
<td>Cylinder packing is loose.</td>
<td>Tighten packing 1/8 of a turn.</td>
</tr>
<tr>
<td></td>
<td>Cylinder is defective.</td>
<td>Repair or replace hydraulic cylinder.</td>
</tr>
<tr>
<td>Hydraulic cylinder is sluggish or does not work</td>
<td>Power equipment oil level is too low.</td>
<td>Add hydraulic oil to power equipment reservoir (Do Not Overfill).</td>
</tr>
<tr>
<td></td>
<td>Hydraulic connection(s) leak.</td>
<td>Tighten or redo hydraulic connections.</td>
</tr>
<tr>
<td>Hydraulic cylinder does not hold blade angle while plowing</td>
<td>Release pressure is set too low.</td>
<td>Have the release pressure valve adjusted by a qualified mechanic.</td>
</tr>
<tr>
<td>Hydraulic cylinder holds blade angle too rigid while plowing</td>
<td>Release pressure is set too high.</td>
<td>Have the release pressure valve adjusted by a qualified mechanic.</td>
</tr>
<tr>
<td>Moldboard angles the opposite direction expected</td>
<td>Hydraulic hoses are hooked-up wrong.</td>
<td>Switch quick connect couplers on the hoses and reconnect to the power equipment.</td>
</tr>
<tr>
<td>Low areas do not clean-up well</td>
<td>Power equipment arms are not set in float mode.</td>
<td>Set power equipment arms to float mode.</td>
</tr>
</tbody>
</table>
## 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>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; - 20</td>
<td>7.4</td>
<td>5.6</td>
<td>11</td>
</tr>
<tr>
<td>1/4&quot; - 28</td>
<td>8.5</td>
<td>6</td>
<td>13</td>
</tr>
<tr>
<td>5/16&quot; - 18</td>
<td>15</td>
<td>11</td>
<td>24</td>
</tr>
<tr>
<td>5/16&quot; - 24</td>
<td>17</td>
<td>13</td>
<td>26</td>
</tr>
<tr>
<td>3/8&quot; - 16</td>
<td>27</td>
<td>20</td>
<td>42</td>
</tr>
<tr>
<td>3/8&quot; - 24</td>
<td>31</td>
<td>22</td>
<td>47</td>
</tr>
<tr>
<td>7/16&quot; - 14</td>
<td>43</td>
<td>32</td>
<td>67</td>
</tr>
<tr>
<td>7/16&quot; - 20</td>
<td>49</td>
<td>36</td>
<td>75</td>
</tr>
<tr>
<td>1/2&quot; - 13</td>
<td>66</td>
<td>49</td>
<td>105</td>
</tr>
<tr>
<td>1/2&quot; - 20</td>
<td>75</td>
<td>55</td>
<td>115</td>
</tr>
<tr>
<td>9/16&quot; - 12</td>
<td>105</td>
<td>79</td>
<td>165</td>
</tr>
<tr>
<td>9/16&quot; - 18</td>
<td>130</td>
<td>97</td>
<td>205</td>
</tr>
<tr>
<td>5/8&quot; - 11</td>
<td>150</td>
<td>110</td>
<td>230</td>
</tr>
<tr>
<td>5/8&quot; - 18</td>
<td>235</td>
<td>170</td>
<td>360</td>
</tr>
<tr>
<td>3/4&quot; - 10</td>
<td>260</td>
<td>190</td>
<td>405</td>
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<tr>
<td>3/4&quot; - 16</td>
<td>225</td>
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<td>585</td>
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<td>7/8&quot; - 9</td>
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<td>185</td>
<td>640</td>
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<td>1&quot; - 8</td>
<td>340</td>
<td>250</td>
<td>875</td>
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<tr>
<td>1&quot; - 12</td>
<td>370</td>
<td>275</td>
<td>955</td>
</tr>
<tr>
<td>1-1/8&quot; - 7</td>
<td>480</td>
<td>355</td>
<td>1080</td>
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<td>540</td>
<td>395</td>
<td>1210</td>
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<td>680</td>
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<td>750</td>
<td>555</td>
<td>1680</td>
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<tr>
<td>1-3/8&quot; - 6</td>
<td>890</td>
<td>655</td>
<td>1990</td>
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<td>1-3/8&quot; - 12</td>
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<td>745</td>
<td>2270</td>
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<tr>
<td>1-1/2&quot; - 6</td>
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<td>870</td>
<td>2640</td>
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<tr>
<td>1-1/2&quot; - 12</td>
<td>1330</td>
<td>980</td>
<td>2970</td>
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<table>
<thead>
<tr>
<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>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 0.75</td>
<td>39</td>
<td>29</td>
<td>61</td>
</tr>
<tr>
<td>M12 X 1.75</td>
<td>58</td>
<td>42</td>
<td>91</td>
</tr>
<tr>
<td>M12 X 1.5</td>
<td>60</td>
<td>44</td>
<td>95</td>
</tr>
<tr>
<td>M14 X 2</td>
<td>90</td>
<td>66</td>
<td>105</td>
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<tr>
<td>M14 X 1.5</td>
<td>99</td>
<td>73</td>
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<td>145</td>
<td>105</td>
<td>165</td>
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<td>M16 X 1.5</td>
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<td>115</td>
<td>180</td>
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<td>195</td>
<td>145</td>
<td>230</td>
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<td>M18 X 1.5</td>
<td>220</td>
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<td>260</td>
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<td>M20 X 2.5</td>
<td>280</td>
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<td>M20 X 1.5</td>
<td>310</td>
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<td>360</td>
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<tr>
<td>M24 X 3</td>
<td>480</td>
<td>355</td>
<td>560</td>
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<tr>
<td>M24 X 2</td>
<td>525</td>
<td>390</td>
<td>610</td>
</tr>
<tr>
<td>M30 X 3.5</td>
<td>960</td>
<td>705</td>
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</tr>
<tr>
<td>M30 X 2</td>
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<td>785</td>
<td>1440</td>
</tr>
<tr>
<td>M36 X 3.5</td>
<td>1730</td>
<td>1270</td>
<td>2550</td>
</tr>
<tr>
<td>M36 X 2</td>
<td>1880</td>
<td>1380</td>
<td>2960</td>
</tr>
</tbody>
</table>

1. in-tpi = nominal thread diameter in inches-threads per inch
2. N·m = newton-meters
3. ft-lb= foot pounds
4. mm x pitch = nominal thread diameter in millimeters x thread pitch

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

**Hydraulic Cylinder:** One year Parts and Labor.

**Hoses, Seals & Cutting Edge:** Considered wear items.

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

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

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

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

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

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