

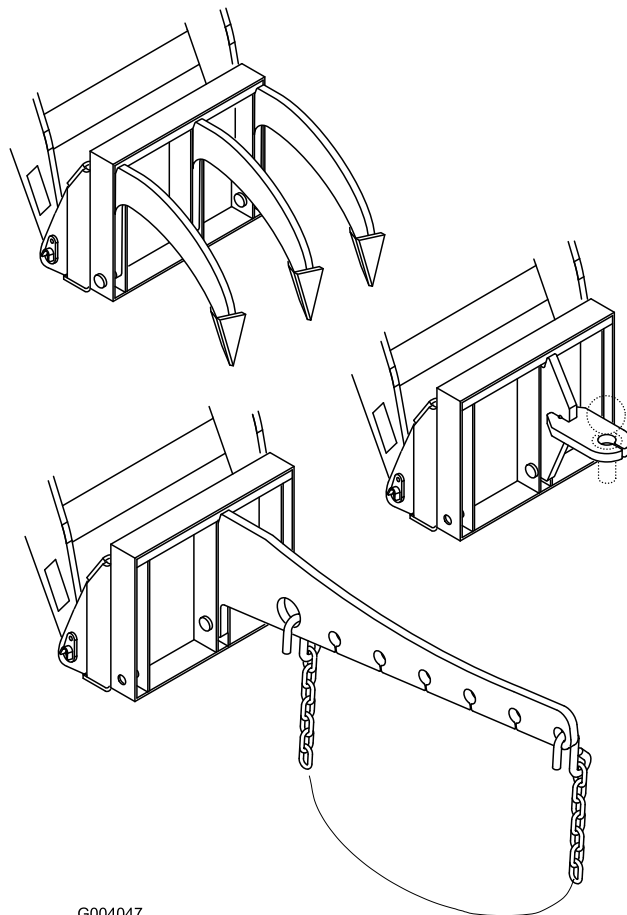


**Count on it.**

**Operator's Manual**

**Multi-Purpose Tool  
for Compact Utility Loaders**

Model No. 22423—Serial No. 260000001 and Up



G004047



There may be buried power, gas, and/or telephone lines in the work area. Shock or explosion may occur if you dig into them.

Have the property or work area marked for buried lines and do not dig in marked areas. Contact your local marking service or utility company to have the property marked (for example, in the United States, call 811 for the nationwide marking service).

## Introduction

Read this information carefully to learn how to operate and maintain your product properly and to avoid injury and product damage. You are responsible for operating the product properly and safely.

You may contact Toro directly at [www.Toro.com](http://www.Toro.com) for product and accessory information, help finding a dealer, or to register your product.

Whenever you need service, genuine Toro parts, or additional information, contact an Authorized Service Dealer or Toro Customer Service and have the model and serial numbers of your product ready. The model and serial numbers are located on a plate on the back of the frame. Write the numbers in the space provided.

<p><b>Model No.</b> _____</p> <p><b>Serial No.</b> _____</p>
--

This manual identifies potential hazards and has safety messages identified by the safety alert symbol (Figure 1), which signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.



**Figure 1**

1. Safety alert symbol

This manual uses 2 other words to highlight information. **Important** calls attention to special mechanical information and **Note** emphasizes general information worthy of special attention.

## Contents

Introduction.....	2
Safety .....	3
Stability Ratings.....	3
Safety and Instructional Decals .....	4
Setup.....	5
Installing an Accessory onto the Frame .....	5
Product Overview .....	5
Specifications .....	6
Operation.....	6
Using the Boom Jib .....	6
Using the Scarifier/Ripper .....	7
Using the Hitch .....	7
Maintenance.....	8
Recommended Maintenance Schedule(s) .....	8
Replacing Scarifier Teeth Tips .....	8
Storage.....	8

# Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and those in the traction unit *Operator's Manual*. Always pay attention to the safety alert symbol, which means *Caution*, *Warning*, or *Danger*—personal safety instruction. Failure to comply with the instruction may result in personal injury or death.



There may be buried power, gas, and/or telephone lines in the work area. Shock or explosion may occur if you dig into them.

Have the property or work area marked for buried lines and do not dig in marked areas. Contact your local marking service or utility company to have the property marked (for example, in the United States, call 811 for the nationwide marking service).



There may be overhead power lines in the work area. Shock may occur if you touch a power line with a tree or other object that you are transported.

Survey and mark the area where there are overhead power lines, and do not transport trees or tall objects under the power lines.



When the engine is off, attachments in the raised position can gradually lower. Someone nearby may be pinned or injured by the attachment as it lowers.

Always lower the attachment lift each time you shut off the traction unit.



If you step off of the platform with the load raised, the machine could tip forward. Someone nearby may be pinned or injured.

Lower the load before stepping off of the platform.



When going up or down hill, the machine could overturn if the heavy end is toward the downhill side. Someone may be pinned or seriously injured by the machine if it overturns.

Operate up and down slopes with the heavy end of the machine uphill. Carrying a load will make the front end heavy.

## Stability Ratings

To determine the degree of slope you can traverse with the multi-purpose tool installed on a traction unit, find the stability rating for the hill position you want to travel in the appropriate table below, then find the degree of slope for the same rating and hill position in the Stability Data section of the traction unit operator's manual.



Exceeding the maximum recommended slope can cause the traction unit to tip, crushing you or bystanders.

Do not drive the traction unit on a slope steeper than the maximum recommended slope, as determined in the following tables and the traction unit operator's manual.

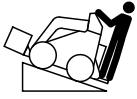

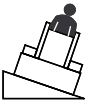
## Stability with the Hitch

Never attempt to move a trailer on any slope. Because of this, there are no stability ratings for the hitch.

**Important:** If you have a traction unit with wheels (i.e., not a TX model), always use the counterweight when pulling trailers.



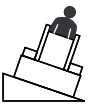
## Stability with a Loaded Boom Jib

**Important:** If you have a traction unit with wheels (i.e., not a TX model), use the counterweight on the platform while using the boom jib, or the traction unit will become unstable.

Orientation	Stability Rating
<b>Front Uphill</b> 	<b>C</b>
<b>Rear Uphill</b> 	<b>D</b>
<b>Side Uphill</b> 	<b>C</b>



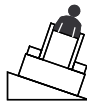
## Stability with an Unloaded Boom Jib

**Important:** If you have a traction unit with wheels (i.e., not a TX model), use the counterweight on the platform while using the boom jib, or the traction unit will become unstable.

Orientation	Stability Rating
<b>Front Uphill</b> 	<b>E</b>
<b>Rear Uphill</b> 	<b>B</b>
<b>Side Uphill</b> 	<b>B</b>

## Stability with the Scarifier Teeth

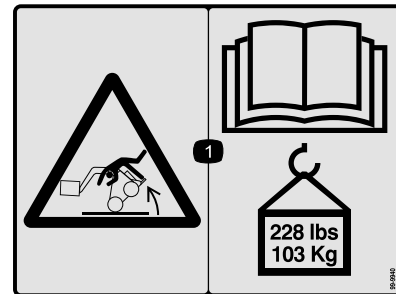
**Important:** If you have a traction unit with wheels (i.e., not a TX model), do not use the counterweight on the platform while using the scarifier teeth, or the traction unit will be less stable in the front and side uphill positions.

Orientation	Stability Rating
<b>Front Uphill</b> 	<b>D</b>
<b>Rear Uphill</b> 	<b>B</b>
<b>Side Uphill</b> 	<b>C</b>

## Safety and Instructional Decals



Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.



99-9940

1. Tipping hazard, exceeding rated load capacity can cause instability—read the *Operator's Manual*; do not exceed maximum load capacity.

# Setup

Refer to your traction unit *Operator's Manual* for more information on installing and removing the multi-purpose tool on your traction unit.

## Installing an Accessory onto the Frame

All accessories (scarifier teeth, boom jib, and hitch) are installed into the slots in the frame in the same way. The boom jib and hitch should always be installed in the center position. The scarifier teeth can be installed in any or all of the three positions (up to 3 teeth may be installed at one time). Figure 2 illustrates a scarifier tooth being installed.

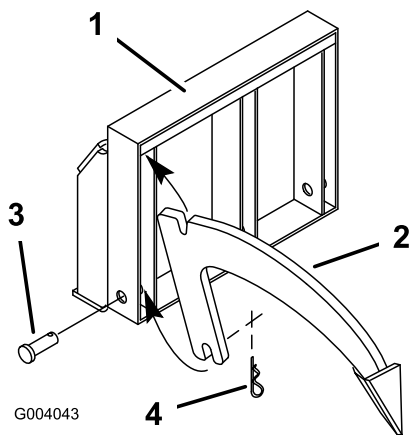


Figure 2

- |                    |                   |
|--------------------|-------------------|
| 1. Frame           | 3. Clevis pin     |
| 2. Scarifier tooth | 4. Hairpin cotter |

1. Slide the slot on top of the accessory onto the top bar of one of the three accessory positions (Figure 2).
2. Swing the bottom of the accessory into the frame and secure it with a clevis pin (Figure 2).
3. Secure the pin with a hairpin cotter (Figure 2).
4. Repeat steps 1 through 3 for the remaining accessory positions if needed.
5. If you are installing the hitch, purchase and install a ball hitch that is appropriate for your trailer application.

**Note:** The hole in the hitch will accept a ball hitch with a 1 inch (2.5 cm) diameter stud.

# Product Overview

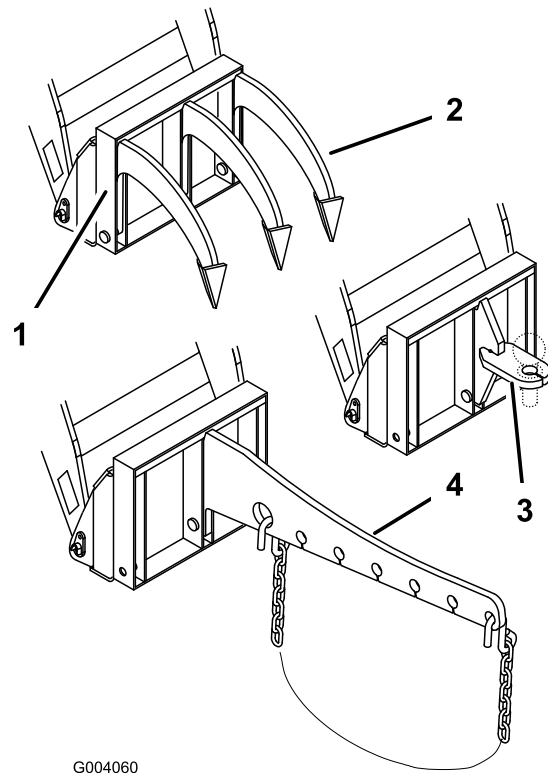


Figure 3

- |                           |             |
|---------------------------|-------------|
| 1. Tool frame             | 3. Hitch    |
| 2. Scarifier/ripper tooth | 4. Boom jib |

# Specifications

**Note:** Specifications and design are subject to change without notice.

Frame	
Width	24 inches (61 cm)
Length	4 inches (10 cm)
Height	10 inches (25 cm)
Weight	40 lb (18 Kg)

Boom Jib (1)	
Width	0.63 inches (1.6 cm)
Length	32.4 inches (82.3 cm)
Height	9.4 inches (23.9 cm)
Weight	23.2 lb (10.5 Kg)
Chain	35 links, approximately 2.5 ft (76 cm), with S-hook ends

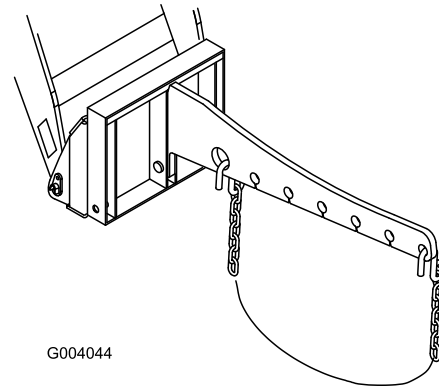
Scarifier Teeth (3)	
Width (with tip)	2.0 inches (5.1 cm)
Width (without tip)	0.63 inches (1.6 cm)
Length	13.0 inches (13.0 cm)
Height	11.7 inches (29.7 cm)
Weight (each)	9.0 lb (4.1 Kg)
Tip	Replaceable, cast iron spear points

Ball hitch (1, ball not included)	
Width	3.0 inches (7.6 cm)
Length	8.4 inches (21.3 cm)
Height	9.4 inches (23.9 cm)
Weight	7.5 lb (3.4 Kg)
Ball mounting hole	Suitable for mounting balls with 1 inch (2.5 cm) diameter mounting studs

# Operation

**Note:** Always use the traction unit to lift and move the attachment.

## Using the Boom Jib



**Figure 4**

With the boom jib installed, the multi-purpose tool can be used to lift and transport various items, such as balled trees. Secure the item being lifted as close as possible to the boom jib frame using the provided lifting chain.

Always use the lifting chain provided to secure items to the boom jib.

Never lift more than the rated lift capacity of the traction unit. When transporting a load, keep it as close to the ground as possible.

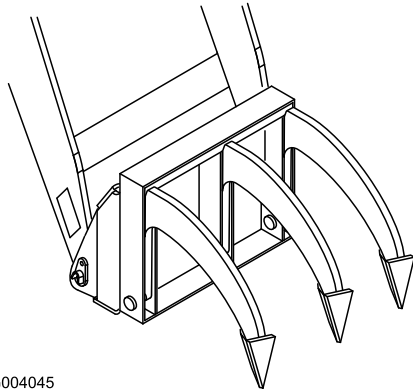
**Important:** If you have a traction unit with wheels (i.e., not a TX model), use the counterweight on the platform while using the boom jib, or the traction unit will become unstable.



**Pulling tree stumps and other items can weaken the chain. The chain could break and snap back, causing serious injury.**

**Do not attempt to pull tree stumps and other large objects with the boom jib.**

## Using the Scarifier/Ripper



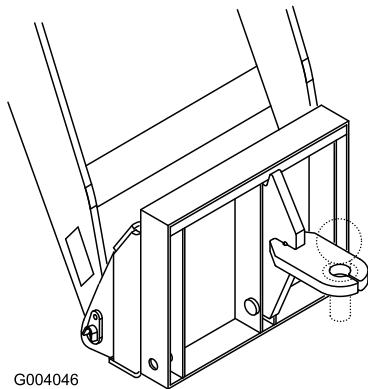
G004045

**Figure 5**

With the scarifier teeth installed, the multi-purpose tool can be used to loosen hard packed ground. Lower the teeth to the ground by lowering the attachment arms and tilting the attachment plate forward. Move the traction unit slowly backward while lowering the teeth into the ground. Several shallow passes may be necessary to thoroughly break up the ground.

The teeth can also be used to hook and tear out bushes and roots. It is also useful for raking up debris and brush.

## Using the Hitch



G004046

**Figure 6**

With the hitch installed, the multi-purpose tool can be used to move trailers. You can install a ball hitch of proper size for your trailer, or you can use the hitch without a ball to tow trailers with hitches that require a pin for attachment.

Never attach a trailer to the hitch that has a tongue weight greater than the rated lift capacity of the traction unit. Never try to move a trailer on a slope.

When crossing on or near a public road or street, always follow traffic laws and regulations, especially those pertaining to slow moving vehicles. The traction unit and accessories are not designed for use on public roads or streets.

**Important:** If you have a traction unit with wheels (i.e., not a TX model), always use the counterweight when pulling trailers.



**Pulling trailers or other objects using a rope, chain or cable can cause the rope, chain, or cable to break under tension. The rope, chain, or cable could break and snap back, causing serious injury.**

**Do not attempt to pull trailers or other objects with a rope, chain, or cable.**

# Maintenance

## Recommended Maintenance Schedule(s)

Maintenance Service Interval	Maintenance Procedure
Every 25 hours	<ul style="list-style-type: none"><li>• Check the scarifier teeth tips for damage or wear. Replace them if they are damaged or when the points are worn down.</li></ul>
Before storage	<ul style="list-style-type: none"><li>• Check the scarifier teeth tips for damage or wear. Replace them if they are damaged or when the points are worn down.</li><li>• Paint chipped surfaces.</li></ul>



If you leave the key in the ignition switch, someone could start the engine. Accidental starting of the engine could seriously injure you or other bystanders.

Remove the key from the ignition switch before you do any maintenance.

## Replacing Scarifier Teeth Tips

**Service Interval:** Every 25 hours

Inspect the scarifier teeth tips every 25 operating hours for damage or wear. Replace any damaged or worn tips, as follows:

1. Remove the roll pin securing the tip to the end of the scarifier tooth and remove the tip.
2. Install a new tip onto the end of the scarifier tooth and secure it with the roll pin.

## Storage

1. Before long term storage, wash the attachment with mild detergent and water to remove dirt and grime.
2. Paint all scratched or bare metal surfaces. Paint is available from your Authorized Service Dealer.
3. Store the attachment in a clean, dry garage or storage area. Cover it to protect it and keep it clean.



**Notes:**

**Notes:**

**Notes:**



Compact Utility Loader  
(CUL) Products

## The Toro Compact Utility Loader Warranty

A One-Year Limited Warranty

### Conditions and Products Covered

The Toro® Company and its affiliate, Toro Warranty Company, pursuant to an agreement between them, jointly warrant your Toro Compact Utility Loader (CUL) ("Product") to be free from defects in materials or workmanship. The following time periods apply from the date the Product is delivered to the original retail purchaser:

The following time periods apply from the date of purchase:

Products	Warranty Period
All CUL units and attachments	1 year or 1000 operational hours, whichever occurs first
Kohler Engines	3 years
All other Engines	2 years

Where a warrantable condition exists, we will repair the Product at no cost to you including diagnosis, labor, and parts.

### Instructions for Obtaining Warranty Service

If you think that your Toro Product contains a defect in materials or workmanship, follow this procedure:

1. Contact any Authorized Toro CUL Service Dealer to arrange service at their dealership. To locate a dealer convenient to you, access our website at [www.Toro.com](http://www.Toro.com). You may also call our Toro Customer Care Department toll free at 888-577-7466 (U.S. customers) or 877-484-9255 (Canadian customers).
2. Bring the product and your proof of purchase (sales receipt) to the Service Dealer.

If for any reason you are dissatisfied with the Service Dealer's analysis or with the assistance provided, contact us at:

LCB Customer Service Department  
Toro Warranty Company  
8111 Lyndale Avenue South  
Bloomington, MN 55420-1196  
Toll Free: 888-577-7466 (U.S. customers)  
Toll Free: 877-484-9255 (Canada customers)

### Owner Responsibilities

You must maintain your Toro Product by following the maintenance procedures described in the Operator's Manual. Such routine maintenance, whether performed by a dealer or by you, is at your expense. Parts scheduled for replacement as required maintenance ("Maintenance Parts"), are warranted for the period of time up to the scheduled replacement time for that part. Failure to perform required maintenance and adjustments can be grounds for disallowing a warranty claim.

### Items and Conditions Not Covered

Not all product failures or malfunctions that occur during the warranty period are defects in materials or workmanship. This express warranty does not cover the following:

- Product failures which result from the use of non-Toro replacement parts, or from installation and use of add-on, modified, or unapproved accessories
- Product failures which result from failure to perform required maintenance and/or adjustments
- Product failures which result from operating the Product in an abusive, negligent or reckless manner
- Parts subject to consumption through use unless found to be defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, digging teeth, tines, spark plugs, tires, tracks, filters, chains, etc.
- Failures caused by outside influence. Items considered to be outside influence include, but are not limited to, weather, storage practices, contamination, use of unapproved coolants, lubricants, additives, or chemicals, etc.
- Normal "wear and tear" items. Normal "wear and tear" includes, but is not limited to, worn painted surfaces, scratched decals or windows, etc
- Any component covered by a separate manufacturer's warranty
- Pickup and delivery charges

### General Conditions

Repair by an Authorized Toro CUL Service Dealer is your sole remedy under this warranty. **Neither The Toro® Company nor Toro Warranty Company is liable for indirect, incidental or consequential damages in connection with the use of the Toro Products covered by this warranty, including any cost or expense of providing substitute equipment or service during reasonable periods of malfunction or non-use pending completion of repairs under this warranty. All implied warranties of merchantability and fitness for use are limited to the duration of this express warranty. Some states do not allow exclusions of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Except for the engine warranty coverage and the Emissions warranty referenced below, if applicable, there is no other express warranty.

The Emissions Control System on your Product may be covered by a separate warranty meeting requirements established by the U.S. Environmental Protection Agency (EPA) or the California Air Resources Board (CARB).

The hour limitations set forth above do not apply to the Emissions Control System Warranty. Refer to the California Emission Control Warranty Statement printed in your operator's manual or contained in the engine manufacturer's documentation for details.

### Countries Other than the United States or Canada

Customers who have purchased Toro products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province, or state. If for any reason you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the Toro importer. If all other remedies fail, you may contact us at Toro Warranty Company.