Form No. 3465-369 Rev A

TORO®

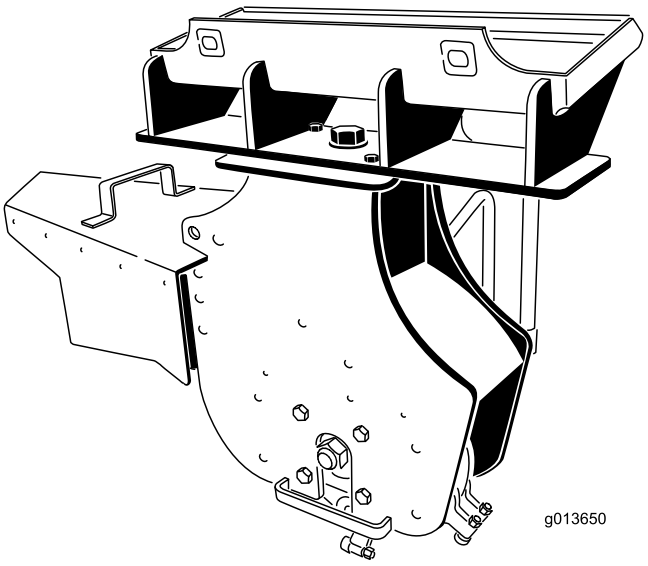
Count on it.

Operator's Manual

# Stump Grinder

## Compact Tool Carrier

**Model No. 22429—Serial No. 415090382 and Up**




Register at www.Toro.com.
Original Instructions (EN)

CE UK CA

*3465-369*

This product complies with all relevant European directives. For details, please see the Declaration of Incorporation (DOI) at the back of this publication.

**⚠ WARNING**

**CALIFORNIA**
**Proposition 65 Warning**

**Use of this product may cause exposure to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.**

# Introduction

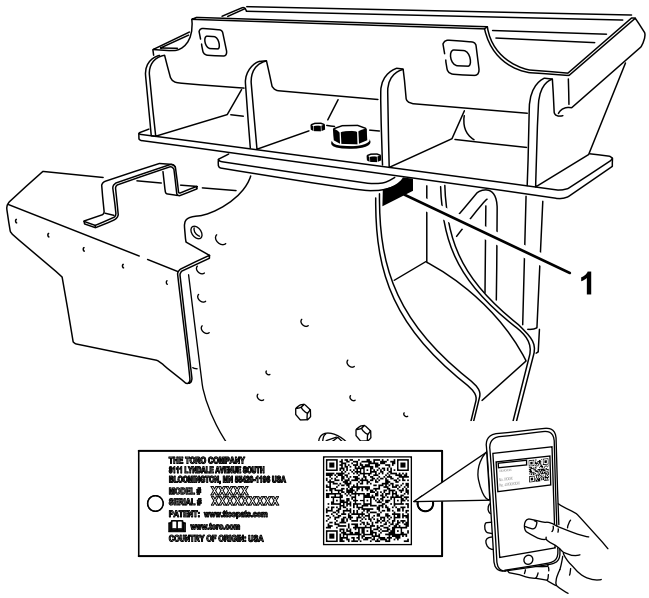
This machine is designed for use on Toro compact tool carriers to grind and remove tree stumps and surface roots. It is not intended to cut rock or any other material other than wood and the soil around a stump. Using this product for purposes other than its intended use could prove dangerous to you and bystanders.

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 for product safety and operation training materials, 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. Figure 1 identifies the location of the model and serial numbers on the product. Write the numbers in the space provided.

***Important:*** **With your mobile device, you can scan the QR code on the serial number decal (if equipped) to access warranty, parts, and other product information.**




g245347

**Figure 1**

1. Model and serial number location

**Model No.** _____

**Serial No.** _____

This manual identifies potential hazards and has safety messages identified by the safety-alert symbol (Figure 2), which signals a hazard that may cause serious injury or death if you do not follow the recommended precautions.



g000502

**Figure 2**

1. Safety-alert symbol

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

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# Safety

**⚠ DANGER**

**There may be buried utility lines in the work area. Digging into them may cause a shock or an explosion.**

**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 US, call 811 or in Australia, call 1100 for the nationwide marking service).**

## General Safety

Always follow all safety instructions to avoid serious injury or death.

- Do not exceed the rated operating capacity, as the machine may become unstable, which may result in loss of control.
- **Do not transport an attachment with the arms raised or extended (if applicable)**. Always transport the attachment close to the ground; refer to Transport Position (page 14).
- Have the property or work area marked for buried lines and other objects, and do not dig in marked areas.
- Read and understand the content of this *Operator's Manual* before starting the machine.
- Use your full attention while operating the machine. Do not engage in any activity that causes distractions; otherwise, injury or property damage may occur.
- Never allow children or untrained people to operate the machine.
- Keep your hands and feet away from the moving components and attachments.
- Do not operate the machine without the guards and other safety protective devices in place and working on the machine.
- Keep bystanders and pets away from the machine.
- Stop the machine, shut off the machine, and remove the key before servicing, fueling, or unclogging the machine.

Improperly using or maintaining this machine can result in injury. To reduce the potential for injury, comply with these safety instructions and always pay attention to the safety-alert symbol ⚠, which means Caution, Warning, or Danger—personal safety instruction. Failure to comply with these instructions may result in personal injury or death.

# Slope Safety

- **Operate the machine up and down slopes with the heavy end of the machine uphill.** Weight distribution changes with attachments. This attachment makes the front of machine the heavy end.
- Raising or extending (if applicable) the loader arms on a slope affects the stability of the machine. Keep the loader arms in the lowered and retracted position when on slopes..
- Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operating the machine on any slope or uneven terrain requires extra caution.
- Establish your own procedures and rules for operating on slopes. These procedures must include surveying the site to determine which slopes are safe for machine operation. Always use common sense and good judgment when performing this survey.
- Slow down and use extra care on hillsides. Ground conditions can affect the stability of the machine.
- Avoid starting or stopping on a slope. If the machine loses traction, proceed slowly, straight down the slope.
- Avoid turning on slopes. If you must turn, turn slowly and keep the heavy end of the machine uphill.
- Keep all movements on slopes slow and gradual. Do not make sudden changes in speed or direction.
- If you feel uneasy operating the machine on a slope, do not do it.
- Watch for holes, ruts, or bumps, as uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Use caution when operating on wet surfaces. Reduced traction could cause sliding.
- Evaluate the area to ensure that the ground is stable enough to support the machine.
- Use caution when operating the machine near the following:
  - Drop-offs
  - Ditches
  - Embankments
  - Bodies of water

  The machine could suddenly roll over if a track goes over the edge or the edge caves in. Maintain a safe distance between the machine and any hazard.
- Do not remove or add attachments on a slope.
- Do not park the machine on a hillside or slope.

# Stump Grinder Safety

- For wheeled machines, do not use the counterweight on the traction unit when using the stump grinder.
- Never operate the stump grinder without the shield installed on the traction unit and the chip guard on the grinder.
- Keep all bystanders at least 9 m (30 ft) away from the work area.
- Only use the stump grinder for grinding stumps less than 91 cm (36 inch) tall.

# Maintenance and Storage Safety

- Check fasteners at frequent intervals for proper tightness to ensure that the equipment is in safe operating condition.
- Refer to this *Operator's Manual* for important details if you store the attachment for an extended period of time.
- Maintain or replace safety and instruction labels, as necessary.

# Safety and Instructional Decals

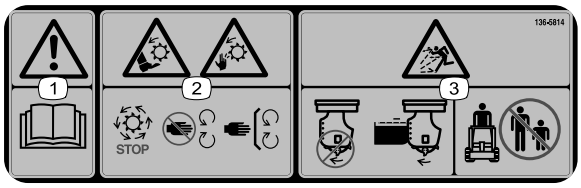
Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or missing.




decal133-8061

**133-8061**

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decal136-5814

**136-5814**

1. Warning—read the *Operator's Manual*.
2. Cutting/dismemberment hazard of hands and feet, rotating knives/blades—wait for all moving parts to stop; keep all guards and shields in place.
3. Thrown object hazard—keep all guards and shields in place; keep bystanders away from the machine.

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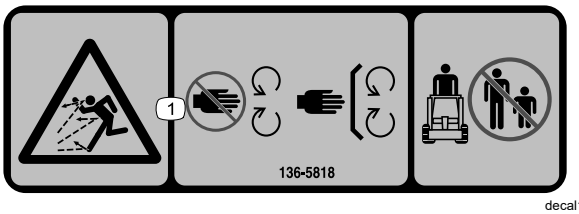



decal136-5817

**136-5817**

1. Cutting/dismemberment hazard of foot, rotating knives/blades—wait for all moving parts to stop; keep hands and feet away from moving parts.

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decal136-5818

**136-5818**

1. Thrown object hazard—keep all guards and shields in place; keep bystanders away from the machine.

---

# Setup

## Loose Parts

Use the chart below to verify that all parts have been shipped.

| Procedure | Description | Qty. | Use |
|---|---|---|---|
| 1 | No parts required | – | Prepare the traction unit. |
| 2 | Right shield bracket (3 holes)—200/300 Series or TX 400/500 Series only | 1 | Install the shield brackets. |
| | Left shield bracket (3 holes)—200/300 Series or TX 400/500 Series only | 1 | |
| | Self-tapping screw (5/16 x 3/4 inch) | 4 | |
| | Right shield bracket (2 holes)—TX 1000/1300 Series only | 1 | |
| | Left shield bracket (2 holes)—TX 1000/1300 Series only | 1 | |
| | Bolt (1/4 x 3/4 inch)—TX 1000/1300 Series only | 4 | |
| | Locknut (1/4 inch)—TX 1000/1300 Series only | 4 | |
| 3 | Shield support for 200/300 Series or TX 400/500 Series | 2 | Assemble the operator shield. |
| | Shield support for TX 1000 only | 2 | |
| | Shield support for TX 1300 only | 2 | |
| | Shield | 1 | |
| | Bolt (1/4 x 1-1/2 inches) | 8 | |
| | Washer | 8 | |
| | Locknut (1/4 inch) | 8 | |
| 4 | Chip guard | 1 | Install the chip guard. |
| | Guard pin | 1 | |
| | Hairpin cotter | 1 | |

# 1

# Preparing the Traction Unit

**No Parts Required**

## Procedure

1. Park the machine on a level surface.
2. Lower the loader arms.
3. Engage the parking brake (if applicable).
4. Shut off the engine and remove the key.

# 2

# Installing the Shield Brackets

**Parts needed for this procedure:**

| | |
|---|---|
| 1 | Right shield bracket (3 holes)—200/300 Series or TX 400/500 Series only |
| 1 | Left shield bracket (3 holes)—200/300 Series or TX 400/500 Series only |
| 4 | Self-tapping screw (5/16 x 3/4 inch) |
| 1 | Right shield bracket (2 holes)—TX 1000/1300 Series only |
| 1 | Left shield bracket (2 holes)—TX 1000/1300 Series only |
| 4 | Bolt (1/4 x 3/4 inch)—TX 1000/1300 Series only |
| 4 | Locknut (1/4 inch)—TX 1000/1300 Series only |

## 200 or 300 Series Traction Unit Only

***Important:*** **Use the shield brackets with 3 holes.**

1. Insert the tab on the shield bracket into the lift-point hole on the traction unit, with the hole in the bracket aligning with the small hole in the traction unit frame (Figure 3).

   **Note:** There is a right and left bracket. Ensure that you install the correct bracket on each side. The tab should be in the lift-point hole and the bracket should be on the outside of the frame (Figure 3).

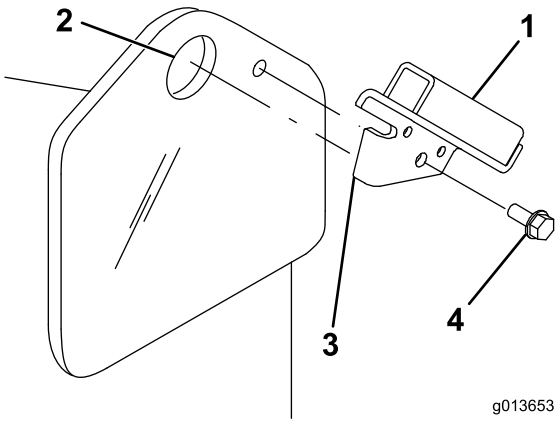



**Figure 3**

1. Shield bracket
2. Lift-point hole
3. Tab
4. Self-tapping screw

2. Secure the bracket to the frame with a self-tapping screw (Figure 3).
3. Repeat steps 1 and 2 for the other side of the traction unit.

## TX 400 or 500 Series Traction Unit Only

***Important:*** **Use the shield brackets with 3 holes.**

1. Measure in from the edges of the frame as illustrated in Figure 4 and mark the locations of the holes for mounting the shield bracket.

   **Note:** If the holes exist, skip to step 3.

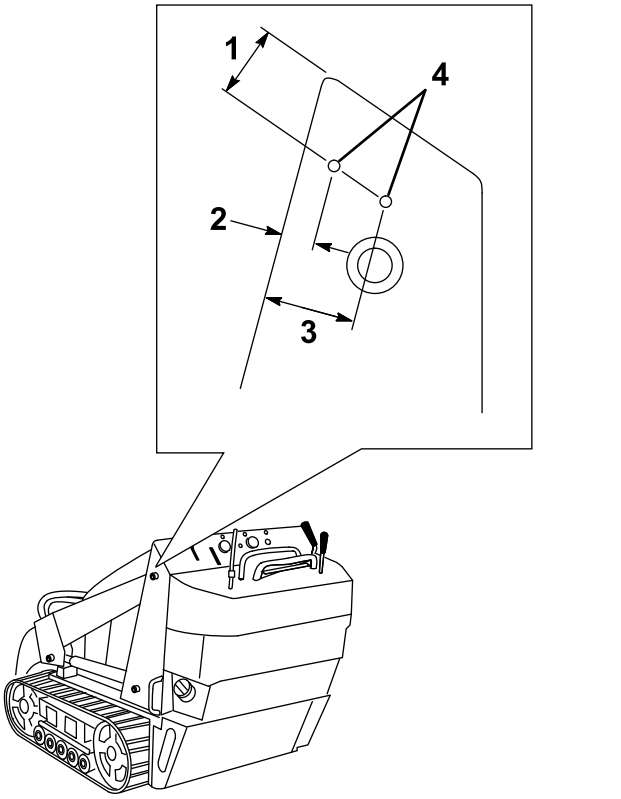
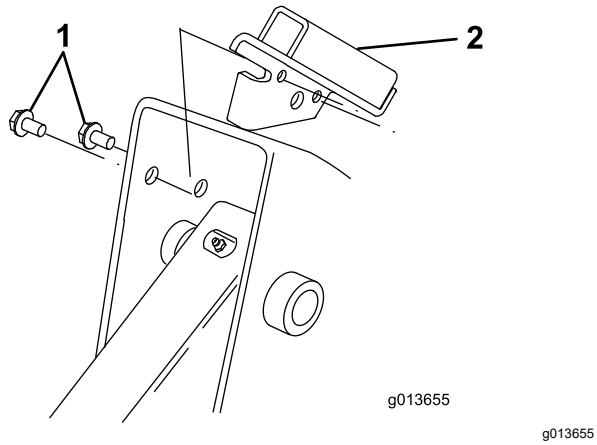



**Figure 4**

1. 4.6 cm (1.8 inches)
2. 1.4 cm (0.6 inch)
3. 4.6 cm (1.8 inches)
4. Mounting holes

2. Drill a hole (5/16 inch) through the frame at each marked location.
3. Align the tab on the shield bracket with the front edge of the frame with the bracket inside of the loader-arm pocket (Figure 5).

   **Note:** There is a right and left bracket. Ensure that you install the correct bracket on each side. The tab should be over the frame edge and the bracket should be inside the loader-arm pocket with the 2 smaller holes in the bracket lined up with the holes you drilled in the frame (Figure 5).




g013655

**Figure 5**

1. Self-tapping screw
2. Shield bracket

4. Secure the bracket to the frame with 2 self-tapping screws as illustrated in Figure 5.
5. Repeat steps 1 through 4 for the other side of the traction unit.

## TX 1000 or 1300 Series Traction Unit Only

***Important:*** **Use the shield brackets with 2 holes.**

1. Measure in from the edges of the frame as illustrated in Figure 6 and mark the locations of the holes for mounting the shield bracket.

   **Note:** If the holes exist, skip to step 3.

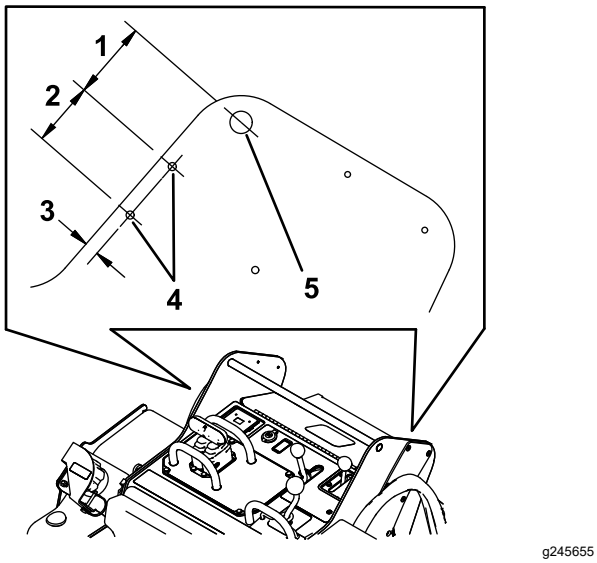



**Figure 6**

1. 7.0 cm (2-3/4 inches)
2. 5.7 cm (2-1/4 inches)
3. 1.3 cm (1/2 inch)
4. Hole
5. Reference bar

2. Drill a hole (9/32 inch) through the frame at each marked location.
3. Install the left shield bracket on the left frame using 2 bolts (1/4 x 3/4 inch) and 2 locknuts (1/4 inch) as shown in Figure 7.

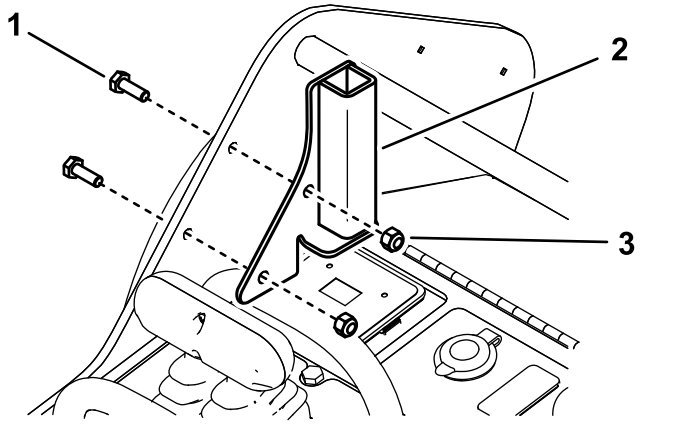



**Figure 7**

1. Bolts (1/4 x 3/4 inch)
2. Left shield bracket
3. Locknut (1/4 inch)

4. Install the right shield bracket on the right frame 2 bolts (1/4 x 3/4 inch) and 2 locknuts (1/4 inch), similar to Figure 7.

# 3

# Assembling the Operator Shield

**Parts needed for this procedure:**

| | |
|---|---|
| 2 | Shield support for 200/300 Series or TX 400/500 Series |
| 2 | Shield support for TX 1000 only |
| 2 | Shield support for TX 1300 only |
| 1 | Shield |
| 8 | Bolt (1/4 x 1-1/2 inches) |
| 8 | Washer |
| 8 | Locknut (1/4 inch) |

## Assembling the Shield

**Note:** Refer to the figures below to determine the brackets to use on your traction unit.

1. Slide the shield supports into the pockets in the shield brackets on the traction unit (Figure 8, Figure 9, or Figure 10).

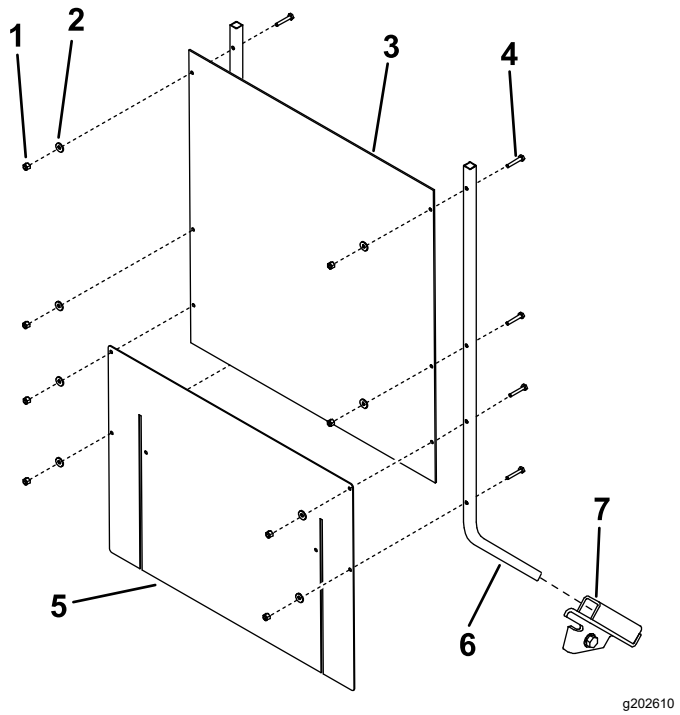



**Figure 8**

200/300 Series or TX 400/500 Series Traction Units

1. Locknut (8)
2. Washer (8)
3. Shield
4. Bolt (8)
5. Skirt
6. Shield support (2)
7. Shield bracket (2)

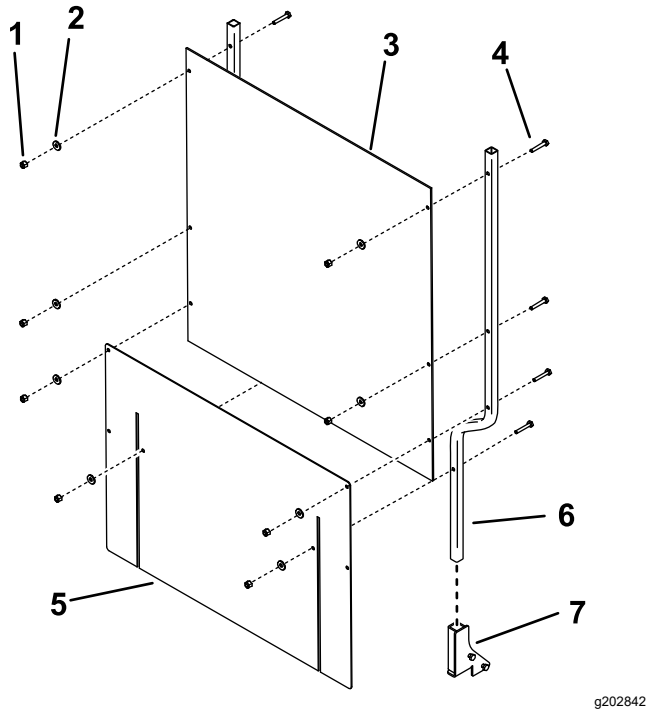



**Figure 9**
TX 1000 Traction Units Only

1. Locknut (8)
2. Washer (8)
3. Shield
4. Bolt (8)
5. Skirt
6. Shield support (2)
7. Shield bracket (2)

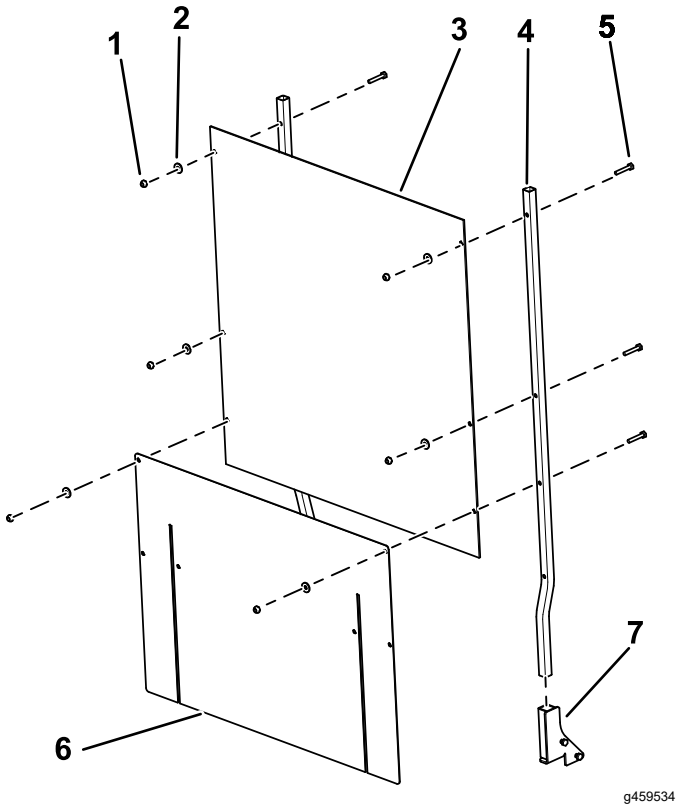



**Figure 10**
TX 1300 Traction Units Only

1. Locknut (8)
2. Washer (8)
3. Shield
4. Shield support (2)
5. Bolt (8)
6. Skirt
7. Shield bracket (2)

2. Assemble the shield and flexible skirt to the shield supports as illustrated in Figure 8, Figure 9, or Figure 10 using 8 bolts (1/4 x 1-1/2 inches), 8 washers, and 8 locknuts (1/4 inch).

   **Note:** The skirt should drape over the engine or hood.

# 4

# Installing the Chip Guard

**Parts needed for this procedure:**

| | |
|---|---|
| 1 | Chip guard |
| 1 | Guard pin |
| 1 | Hairpin cotter |

## Procedure

The stump grinder has 4 sets of mounting holes for positioning the chip guard (Figure 11). Move the guard up (upper holes) when you are grinding close to the ground and down (lower holes) when you are chipping tall stumps. Install the chip guard as follows:

1. Position the mounting tube on the guard between 2 holes on the grinder (Figure 11).

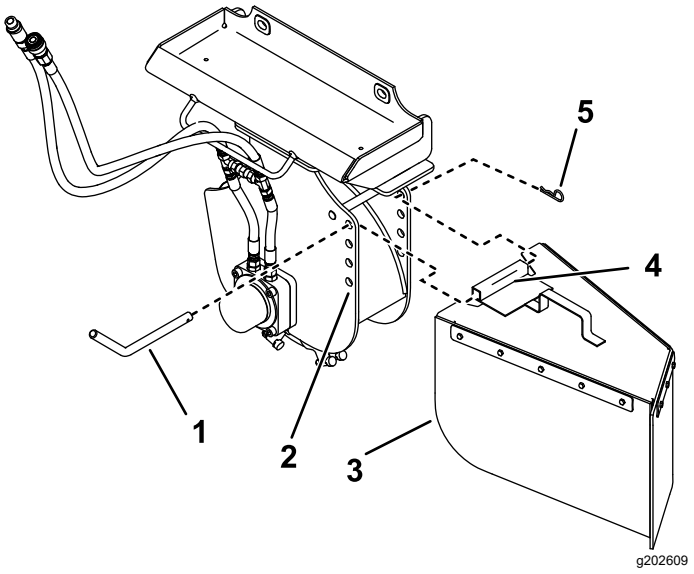



**Figure 11**

1. Guard pin
2. Mounting holes
3. Chip guard
4. Mounting tube
5. Hairpin cotter

2. Slide the guard pin through the holes in the grinder and the mounting tube (Figure 11).
3. Secure the pin with a hairpin cotter (Figure 11).

# Product Overview

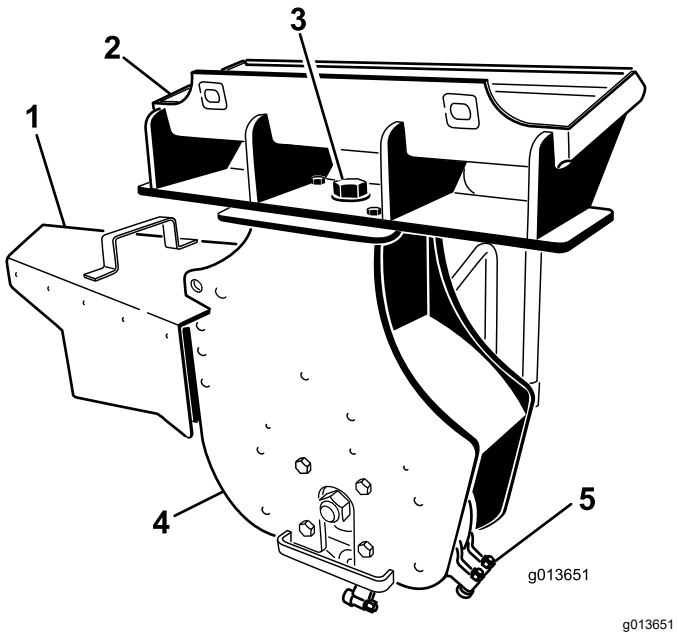



**Figure 12**

1. Chip guard
2. Mounting plate
3. Pivot bolt
4. Stump grinding head
5. Teeth

# Specifications

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

| | |
|---|---|
| Width (with chip guard) | 112 cm (44 inches) |
| Width (without chip guard) | 66 cm (26 inches) |
| Length | 51 cm (20 inches) |
| Height | 79 cm (31 inches) |
| Weight | 120 kg (265 lb) |

To ensure optimum performance and continued safety certification of the machine, use only genuine Toro replacement parts and accessories. Replacement parts and accessories made by other manufacturers could be dangerous, and such use could void the product warranty.

# Operation

## Installing and Removing the Attachment

Refer to the *Operator's Manual* for the traction unit for the installation and removal procedure.

***Important:*** **Before installing the attachment, position the machine on a level surface, ensure that the mount plates are free of any dirt or debris, and ensure that the pins rotate freely. If the pins do not rotate freely, grease them.**

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

**⚠ WARNING**

**If you do not fully seat the quick-attach pins through the attachment mount plate, the attachment could fall off the machine, crushing you or bystanders.**

**Ensure that the quick-attach pins are fully seated in the attachment mount plate.**

**⚠ WARNING**

**Hydraulic fluid escaping under pressure can penetrate skin and cause injury. Fluid injected into the skin must be surgically removed within a few hours by a doctor familiar with this form of injury; otherwise, gangrene may result.**

- **Ensure that all hydraulic-fluid hoses and lines are in good condition and all hydraulic connections and fittings are tight before applying pressure to the hydraulic system.**
- **Keep your body and hands away from pinhole leaks or nozzles that eject high-pressure hydraulic fluid.**
- **Use cardboard or paper to find hydraulic leaks; never use your hands.**

**⚠ CAUTION**

**Hydraulic couplers, hydraulic lines/valves, and hydraulic fluid may be hot. If you contact hot components, you may be burned.**

- **Wear gloves when operating the hydraulic couplers.**
- **Allow the machine to cool before touching hydraulic components.**
- **Do not touch hydraulic fluid spills.**

## Grinding Stumps

**⚠ WARNING**

**During operation, debris fly in all directions and can cause injury to eyes and other exposed body parts.**

- **Never operate the stump grinder without the shield installed on the traction unit and the chip guard on the grinder.**
- **During operation, wear eye protection, hearing protection, substantial, slip-resistant footwear, and long pants.**
- **Keep all bystanders at least 9 m (30 ft) away from the work area.**

1. If your traction unit has a speed selector, move it to the SLOW position.
2. Start the engine.
3. Pull the auxiliary hydraulics lever to the operator grip to engage the stump grinder.
4. Position the grinder on the left side and behind the stump (Figure 13).

   **Note:** Many variables, such as the type of tree, age, size, amount of moisture, and condition, affect the required amount of time and effort to grind a stump.

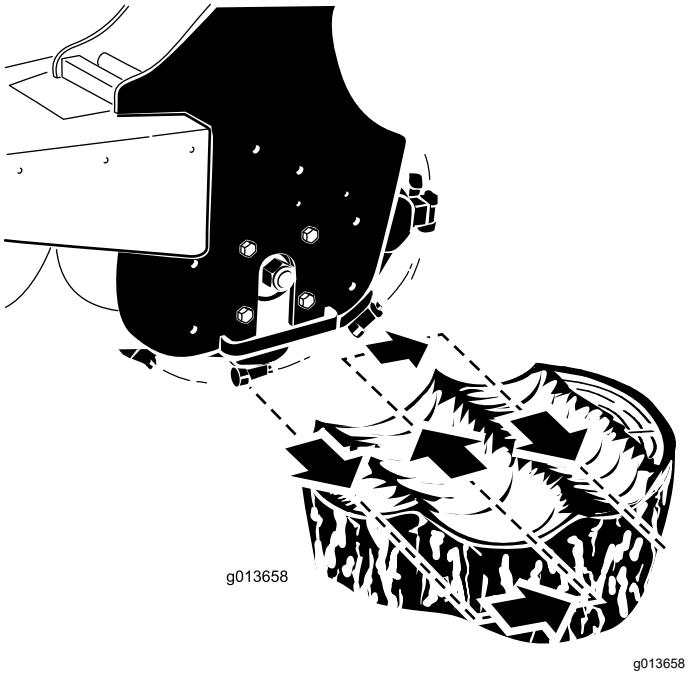



**Figure 13**

5. Swing the grinder toward you using the attachment-tilt lever, grinding at a depth of 0.5 to 5 cm (1/4 to 2 inches), depending on the hardness of the wood (Figure 13).

   **Note:** If you cut too deep, the grinder stalls. If it stalls, raise it slightly and try again.

6. Swing the grinder back out (Figure 13), lower it 0.5 to 5 cm (1/4 to 2 inches), and repeat steps 4 through 6 until you have ground down a few inches.
7. Raise the loader arms to the original height.
8. Move the grinder to the right (Figure 13).
9. Repeat steps 4 through 8 until you reach the right side of the stump.
10. Return the grinder to the left side of the stump, lower it, and repeat steps 3 through 10 until you have ground the stump into the ground.

    **Note:** To contain the chips, you may need to stop the grinder and move the chip guard up as you move the grinder down.

11. When finished, stop the grinder by moving the auxiliary hydraulics lever to the NEUTRAL position.

# Grinding Roots

1. Stop the grinder and hang it vertically from the loader arms a few centimeters (inches) off the ground.
2. Shut off the engine and remove the key.
3. Loosen the large bolt on the top of the grinder (Figure 14).

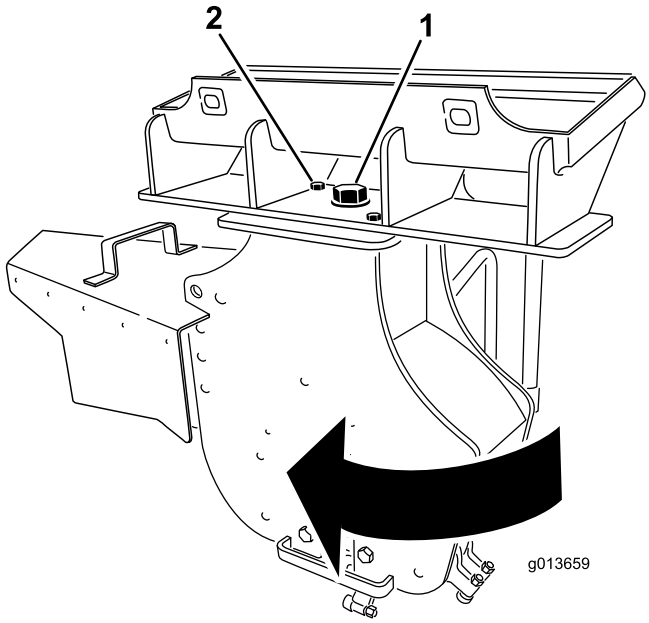



**Figure 14**

1. Large bolt—loosen
2. Front bolt—remove

4. Remove the front bolt and nut securing the grinder (Figure 14).
5. Swing the grinder 30 degrees clockwise (Figure 14).
6. Torque the large bolt on top of the grinder to 406 N·m (300 ft-lb) as shown in Figure 14.
7. Install the bolt and nut in the front hole and torque them to 101 N·m (75 ft-lb) as shown in Figure 14.
8. Start the traction unit and start the grinder.
9. Lower the grinder into the root.
10. Move the grinder along the length of the root by moving the traction unit over the root.
11. When finished, stop the grinder by moving the auxiliary hydraulics lever to the NEUTRAL position.
12. Shut off the engine and remove the key.
13. Loosen the large bolt on the top of the grinder (Figure 14).
14. Remove the front bolt and nut securing the grinder (Figure 14).

15. Swing the grinder 30 degrees counter-clockwise (Figure 14).
16. Torque the large bolt on top of the grinder to 406 N·m (300 ft-lb) as shown in Figure 14.
17. Install the bolt and nut in the front hole and torque them to 101 N·m (75 ft-lb) as shown in Figure 14.

# Transport Position

When transporting the attachment, keep it as close to the ground as possible, no more than 15 cm (6 inches) above the ground. Tilt it rearward.

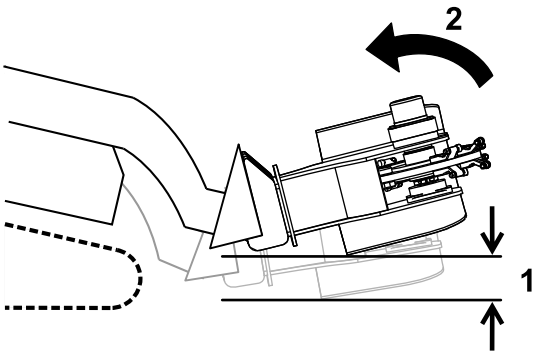



**Figure 15**

1. No more than 15 cm (6 inches) above the ground
2. Tilt the attachment rearward.

# Transporting the Stump Grinder on a Trailer

Place the attachment on a trailer or truck capable of carrying it. Securely tie it to the trailer or truck using tie straps appropriate for the weight of the attachment and for highway use.

***Important:*** **Remove the operator's shield before transporting the traction unit to avoid damage to the shield of the traction unit.**

# Operating Tips

- Always use full throttle (maximum engine speed).
- Never transport the attachment with the loader arms raised. Keep the arms lowered and the attachment tilted up.
- If your traction unit has a speed selector (present on some wheeled traction units), set it to the SLOW (turtle) position.
- If your traction unit has a flow divider (present on some wheeled traction units), adjust it to approximately the 10 o'clock position.

# Maintenance

## Recommended Maintenance Schedule(s)

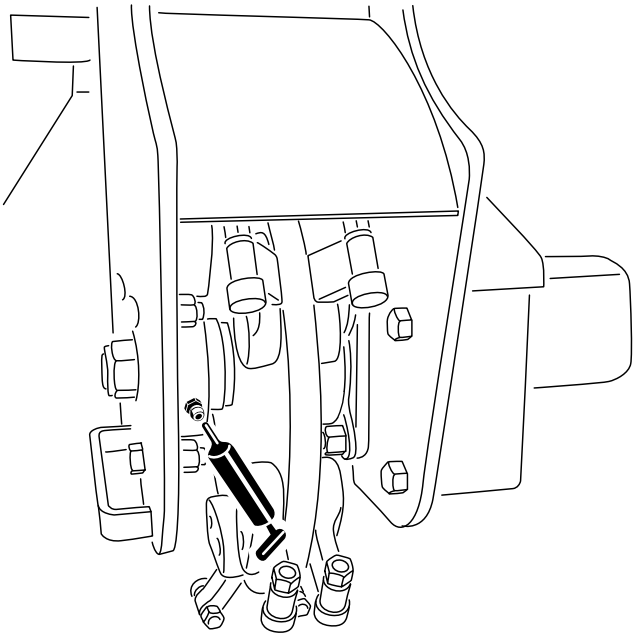
| Maintenance Service Interval | Maintenance Procedure |
|---|---|
| Before each use or daily | • Grease the machine.<br>• Check the condition of the teeth and rotate or replace any that are worn or damaged. |
| Before storage | • Grease the machine.<br>• Paint chipped surfaces. |

## Greasing the Machine

**Service Interval:** Before each use or daily

Before storage

Grease the fitting in Figure 16.



g203602

**Figure 16**

Grease Type: General-purpose grease

1. Park the machine on a level surface, lower the loader arms, and engage the parking brake (if applicable).
2. Shut off the engine and remove the key.
3. Clean the grease fitting with a rag.
4. Connect a grease gun to the fitting.
5. Pump grease into the fitting until grease begins to ooze out of the bearings.
6. Wipe up any excess grease.

# Replacing the Teeth

**Service Interval:** Before each use or daily—Check the condition of the teeth and rotate or replace any that are worn or damaged.

Due to the high amount of wear placed on the teeth, you will need to rotate and replace them periodically.

Each tooth is indexed with 3 positions so that you can rotate it twice, exposing a new sharp edge before replacing the tooth.

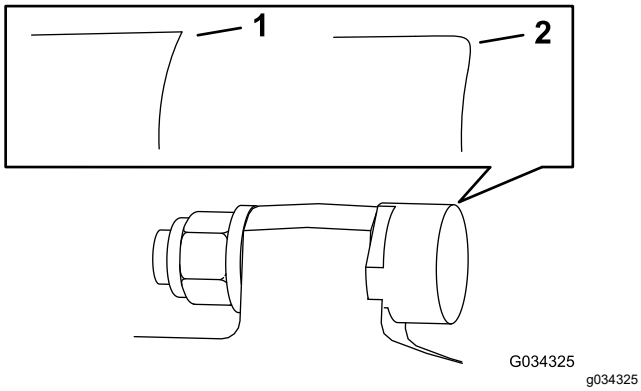



**Figure 17**

1. Sharp tooth
2. Worn tooth

To rotate a tooth, loosen the nut securing the tooth (Figure 18). Push the tooth forward and rotate it one third of a turn, bringing an unused edge to the outside. Torque the nut securing the tooth to 37 to 45 N·m (27 to 33 ft-lb).

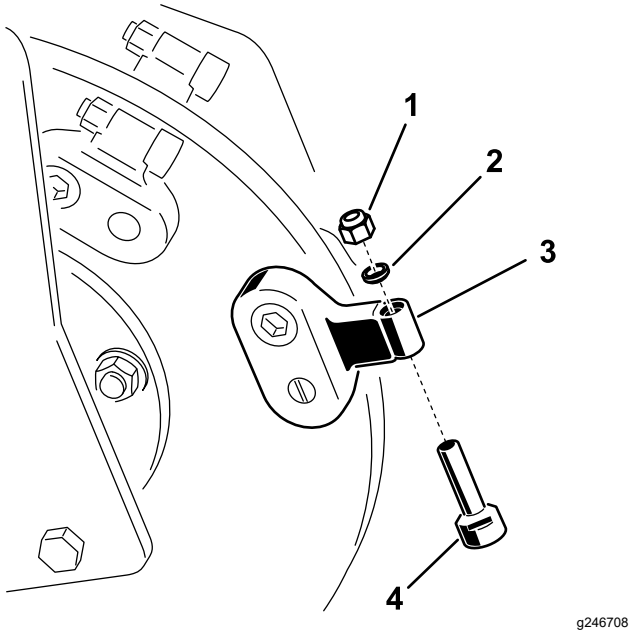



**Figure 18**

(Your grinder's appearance may vary from that shown in the illustration)

1. Nut
2. Spacer
3. Tooth holder
4. Tooth

To replace a tooth, remove the nut securing the tooth to remove it, then install a new tooth and nut in the same position (Figure 18). Torque the nut securing the tooth to 37 to 45 N·m (27 to 33 ft-lb).

# Storage

1. Before long-term storage, wash the attachment with mild detergent and water to remove dirt and grime.
2. Check the condition of the teeth. Turn or replace any worn or damaged teeth.
3. Check and tighten all bolts, nuts, and screws. Repair or replace any damaged or worn part.
4. Ensure that all hydraulic couplers are connected together to prevent contamination of the hydraulic system.
5. Paint all scratched or bare metal surfaces. Paint is available from your Authorized Service Dealer.
6. Store the attachment in a clean, dry garage or storage area. Cover it to protect it and keep it clean.

# Troubleshooting

| Problem | Possible Cause | Corrective Action |
|---|---|---|
| The cutting disk stops during cutting. | 1. You are cutting too deep.<br>2. Teeth are worn, damaged, or broken. | 1. Raise the loader arms 13 mm (1/2 inch).<br>2. Rotate or replace any worn, damaged, or broken teeth. |
| The cutting disk does not turn or turns slowly. | 1. A hydraulic coupler is not completely connected.<br>2. A hydraulic coupler is damaged.<br>3. There is an obstruction in a hydraulic hose.<br>4. An auxiliary valve on the traction unit is not opening.<br>5. The hydraulic motor or drive has failed.<br>6. The check valve brake is reversed. | 1. Check and tighten all couplers.<br>2. Check/replace couplers.<br>3. Find and remove the obstruction.<br>4. Repair the valve.<br>5. Contact your Authorized Service Dealer.<br>6. Reverse the check valve direction; contact your Authorized Service Dealer. |
| The grinder does not cut fast enough. | 1. Teeth are worn.<br>2. The setting is wrong on the flow divider and speed lever (applicable wheeled units only).<br>3. There is a restriction in a quick coupler or hose.<br>4. The hydraulic system is too hot.<br>5. The relief valve is set below specifications. | 1. Rotate or replace any worn teeth.<br>2. Set the flow divider to the 10 o'clock position and the speed lever to the turtle position.<br>3. Check the hoses and couplers and repair any problems found.<br>4. Shut the system down and allow it to cool.<br>5. Contact your Authorized Service Dealer. |
| The cutting disk turns in the wrong direction. | 1. The auxiliary-valve lever is in the wrong position.<br>2. The hydraulic hoses are reversed. | 1. Move the auxiliary-valve lever to the rearward position.<br>2. Disconnect the hoses and switch positions. |

# Notes:

# Notes:

# Declaration of Incorporation

The Toro Company, 8111 Lyndale Avenue South, Bloomington, MN, USA declares that the following unit(s) conform(s) to the directives listed, when installed in accordance with the accompanying instructions onto certain Toro models as indicated on the relevant Declarations of Conformity.

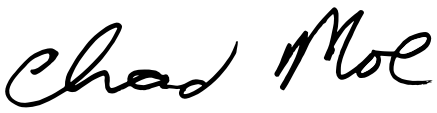
| Model No. | Serial No. | Product Description | Invoice Description | General Description | Directive |
|---|---|---|---|---|---|
| 22429 | 404320000 and Up | Stump Grinder | STUMP GRINDER ATTACHMENT CE | Stump Grinder | 2006/42/EC |

Relevant technical documentation has been compiled as required per Part B of Annex VII of 2006/42/EC.

We will undertake to transmit, in response to requests by national authorities, relevant information on this partly completed machinery. The method of transmission shall be electronic transmittal.

This machinery shall not be put into service until incorporated into approved Toro models as indicated on the associated Declaration of Conformity and in accordance with all instructions, whereby it can be declared in conformity with all relevant Directives.

Certified:



Chad Moe
Sr. Engineering Manager
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
September 6, 2023

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro Europe NV
Nijverheidsstraat 5
2260 Oevel
Belgium

# UK Declaration of Incorporation

The Toro Company, 8111 Lyndale Avenue South, Bloomington, MN, USA declares that the following unit(s) conform(s) to the directives listed, when installed in accordance with the accompanying instructions onto certain Toro models as indicated on the relevant Declarations of Conformity.

| Model No. | Serial No. | Product Description | Invoice Description | General Description | Regulation |
|---|---|---|---|---|---|
| 22429 | 404320000 and Up | Stump Grinder | STUMP GRINDER ATTACHMENT CE | Stump Grinder | S.I. 2008 No. 1597 |

Relevant technical documentation has been compiled as required per Schedule 10 of S.I. 2008 No. 1597.

We will undertake to transmit, in response to requests by national authorities, relevant information on this partly completed machinery. The method of transmission shall be electronic transmittal.

This machinery shall not be put into service until incorporated into approved Toro models as indicated on the associated Declaration of Conformity and in accordance with all instructions, whereby it can be declared in conformity with all relevant Directives.

This declaration has been issued under the sole responsibility of the manufacturer.
The object of the declaration is in conformity with relevant UK legislation.

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro U.K. Limited
Spellbrook Lane West
Bishop's Stortford
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United Kingdom



Chad Moe
Sr. Engineering Manager
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
September 6, 2023

# California Proposition 65 Warning Information

## What is this warning?

You may see a product for sale that has a warning label like the following:



**WARNING:** Cancer and Reproductive Harm—www.p65Warnings.ca.gov.

## What is Prop 65?

Prop 65 applies to any company operating in California, selling products in California, or manufacturing products that may be sold in or brought into California. It mandates that the Governor of California maintain and publish a list of chemicals known to cause cancer, birth defects, and/or other reproductive harm. The list, which is updated annually, includes hundreds of chemicals found in many everyday items. The purpose of Prop 65 is to inform the public about exposure to these chemicals.

Prop 65 does not ban the sale of products containing these chemicals but instead requires warnings on any product, product packaging, or literature with the product. Moreover, a Prop 65 warning does not mean that a product is in violation of any product safety standards or requirements. In fact, the California government has clarified that a Prop 65 warning "is not the same as a regulatory decision that a product is 'safe' or 'unsafe.'" Many of these chemicals have been used in everyday products for years without documented harm. For more information, go to https://oag.ca.gov/prop65/faqs-view-all.

A Prop 65 warning means that a company has either (1) evaluated the exposure and has concluded that it exceeds the "no significant risk level"; or (2) has chosen to provide a warning based on its understanding about the presence of a listed chemical without attempting to evaluate the exposure.

## Does this law apply everywhere?

Prop 65 warnings are required under California law only. These warnings are seen throughout California in a wide range of settings, including but not limited to restaurants, grocery stores, hotels, schools, and hospitals, and on a wide variety of products. Additionally, some online and mail order retailers provide Prop 65 warnings on their websites or in catalogs.

## How do the California warnings compare to federal limits?

Prop 65 standards are often more stringent than federal and international standards. There are various substances that require a Prop 65 warning at levels that are far lower than federal action limits. For example, the Prop 65 standard for warnings for lead is 0.5 µg/day, which is well below the federal and international standards.

## Why don't all similar products carry the warning?

- Products sold in California require Prop 65 labelling while similar products sold elsewhere do not.
- A company involved in a Prop 65 lawsuit reaching a settlement may be required to use Prop 65 warnings for its products, but other companies making similar products may have no such requirement.
- The enforcement of Prop 65 is inconsistent.
- Companies may elect not to provide warnings because they conclude that they are not required to do so under Prop 65; a lack of warnings for a product does not mean that the product is free of listed chemicals at similar levels.

## Why does Toro include this warning?

Toro has chosen to provide consumers with as much information as possible so that they can make informed decisions about the products they buy and use. Toro provides warnings in certain cases based on its knowledge of the presence of one or more listed chemicals without evaluating the level of exposure, as not all the listed chemicals provide exposure limit requirements. While the exposure from Toro products may be negligible or well within the "no significant risk" range, out of an abundance of caution, Toro has elected to provide the Prop 65 warnings. Moreover, if Toro does not provide these warnings, it could be sued by the State of California or by private parties seeking to enforce Prop 65 and subject to substantial penalties.




**Count on it.**