



Form No. 3462-196 Rev A

Count on it.

Operator's Manual

22-inch Rotary Cutting Unit Groundsmaster® 4300-D Traction Unit

Model No. 30845—Serial No. 310000001 and Up



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



g000502

Figure 1

1. Safety-alert symbol

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 rotary-blade lawn cutting deck is mounted to a ride-on machine and is intended to be used by professional, hired operators in commercial applications. It is primarily designed for cutting grass on well-maintained lawns in parks, sports fields, and on commercial grounds. 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.

Visit 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. The model and serial numbers are stamped on a plate on the rear of the cutting unit, under the cover. Write the numbers in the space provided.

Model No. _____

Serial No. _____

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.

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


This cutting unit meets applicable standards when installed on the traction unit.

General Safety

This product is capable of amputating hands and feet and of throwing objects. Always follow all safety instructions to avoid serious personal injury.

- Read and understand the contents 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.
- Do not put your hands or feet near moving components of the machine.
- Do not operate the machine without all guards and other safety protective devices in place and functioning properly on the machine.

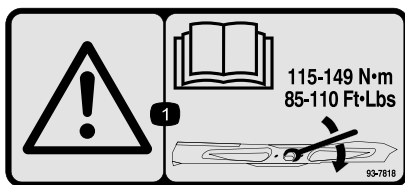
- Keep clear of any discharge opening.
- Keep bystanders and children out of the operating area. Never allow children to operate the machine.
- Before you leave the operator's position, do the following:
 - Park the machine on a level surface.
 - Lower the cutting unit(s).
 - Disengage the drives.
 - Engage the parking brake (if equipped).
 - Shut off the engine and remove the key.
 - Wait for all movement to stop.

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.

Safety and Instructional Decals



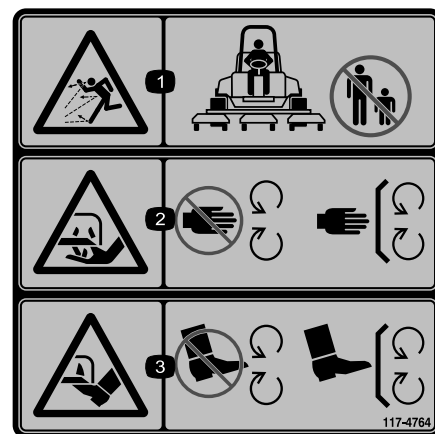
Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or missing.



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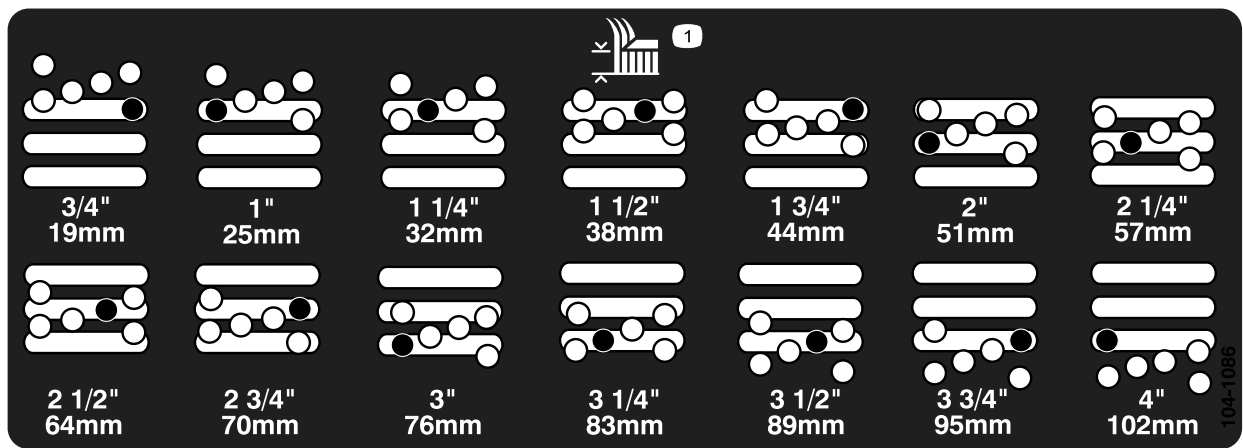
1. Warning—read the *Operator's Manual* for instructions on torquing the blade bolt/nut to 115 to 149 N·m (85 to 110 ft-lb).



117-4764

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1. Thrown object hazard—keep bystanders away.
2. Cutting hazard of hand, mower blade—stay away from moving parts; keep all guards and shields in place.
3. Cutting hazard of foot, mower blade—stay away from moving parts; keep all guards and shields in place.



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104-1086

1. Height of cut

Setup

⚠ WARNING

If you leave the key in the switch, someone could accidentally start the engine and seriously injure you or other bystanders.

Remove the key from the switch before you install the cutting unit

Note: Determine the left and right sides of the machine from the normal operating position.

Preparing the Machine

1. Park the machine on a level surface.
2. Engage the parking brake.
3. Shut off the engine and remove the key.

Mounting the Cutting Unit to the Traction Unit

1. Pivot the carrier frame and secure it to the deck bracket with the flag pin, bolt and nut. Position it as shown in [Figure 2](#).

Note: For rear cutting units, pivot the carrier frame forward ([Figure 2](#)). For front cutting units, pivot the carrier frame rearward.

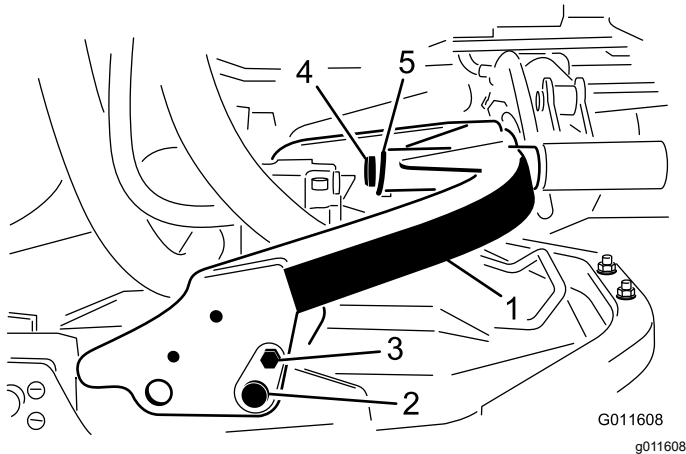


Figure 2

1. Carrier frame
2. Flag pin
3. Bolt and nut
4. Lift arm pivot pin
5. Lynch pin

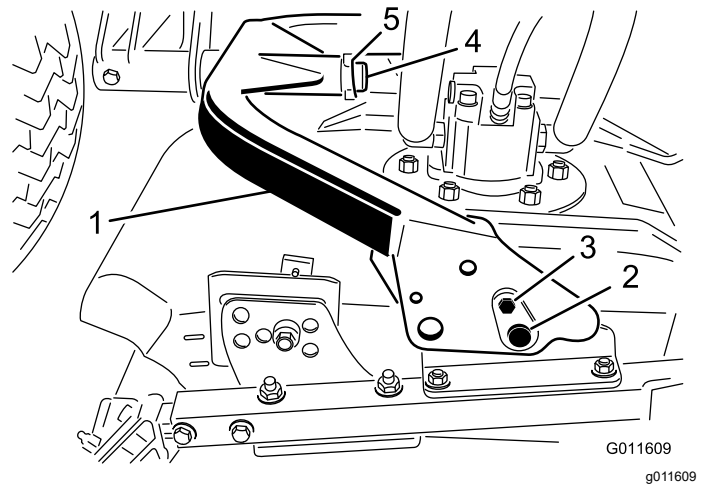


Figure 3

1. Carrier frame
2. Flag pin
3. Bolt and nut
4. Lift arm pivot pin
5. Lynch pin

2. Move the cutting deck into position in front of the traction unit.
3. Slide the deck carrier frame onto lift-arm pivot pin and secure it with the lynch pin ([Figure 4](#)).

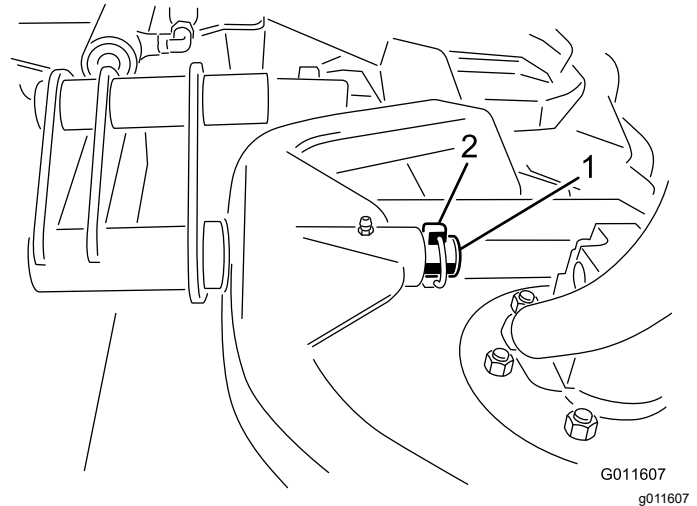


Figure 4

1. Lift-arm pivot pin
2. Lynch pin

4. Install the hydraulic motor to the deck ([Figure 5](#)). Make sure that the O-ring is in position and not damaged.

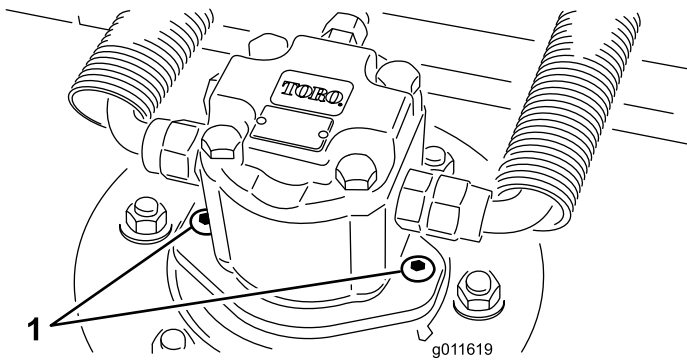


Figure 5

1. Motor-mounting screws

5. Grease the spindle.

Adjusting the Height-of-Cut

Important: The cutting units often cut approximately 6 mm (1/4 inch) lower than a reel cutting unit with the same bench setting. It may be necessary to set the cutting-unit bench measurement at 6 mm (1/4 inch) above that of reel cutting units cutting in the same area.

Important: Access to the rear cutting units is greatly improved by removing the cutting unit from the machine.

1. Park the machine on a level surface, engage the parking brake, lower the cutting unit to the ground, shut off the engine, and remove the key.
2. Loosen the bolt securing each height-of-cut bracket to the height-of-cut plate (front and each side) as shown in Figure 6.
3. Beginning with front adjustment, remove the bolt.

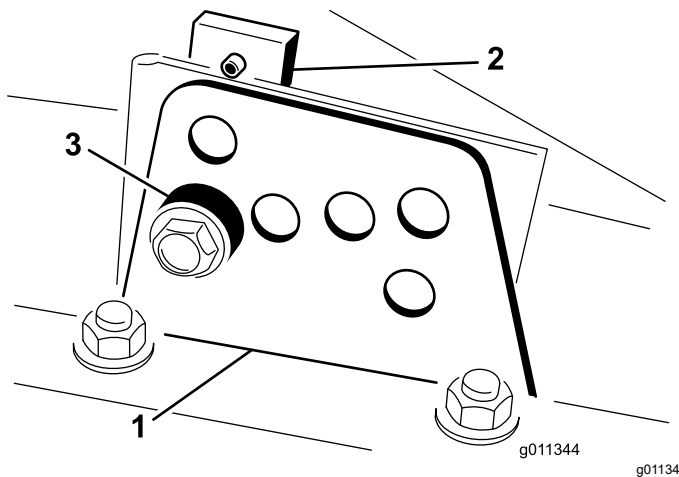


Figure 6

1. Height of cut bracket
2. Height of cut plate
3. Spacer

4. While supporting the chamber, remove the spacer (Figure 6).
5. Move the chamber to the desired height of cut and install a spacer into the designated height-of-cut hole and slot (Figure 7).

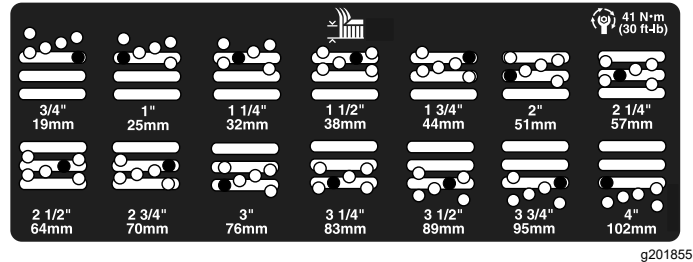


Figure 7

6. Position the tapped plate in-line with the spacer.
7. Install the bolt finger tight.
8. Repeat steps 4 through 7 for each side adjustment.
9. Torque all 3 bolts to 41 N·m (30 ft-lb). Always tighten the front bolt first.

Note: Adjustments of more than 3.8 cm (1-1/2 inches) may require temporary assembly to an intermediate height to prevent binding (e.g., changing from 3.1 to 7 cm (1-1/4 to 2-3/4 inches) height of cut).

Adjusting the Roller Scraper

Optional

The optional rear roller scraper functions best when there is an even gap of 0.5 to 1 mm (0.02 to 0.04 inch) between the scraper and the roller.

1. Loosen the grease fitting and the mounting screw (Figure 8).

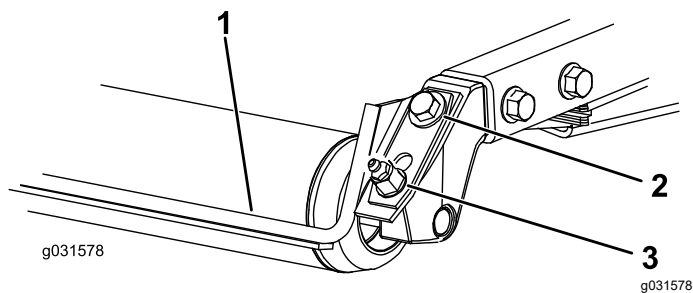


Figure 8

1. Roller scraper
2. Mounting screw
3. Grease fitting

- Slide the scraper up or down until you obtain a gap of 0.5 to 1 mm (0.02 to 0.04 inch) between the rod and the roller.
- Tighten the grease fitting and screw to 41 N·m (30 ft-lb) in an alternating sequence.

Installing the Mulching Baffle

Optional

Contact your authorized Toro distributor for the correct mulching baffle.

- Thoroughly clean debris from the mounting holes on the rear wall and left wall of the chamber.
- Install the mulching baffle in the rear opening and secure it with 5 flange-head bolts (Figure 9).

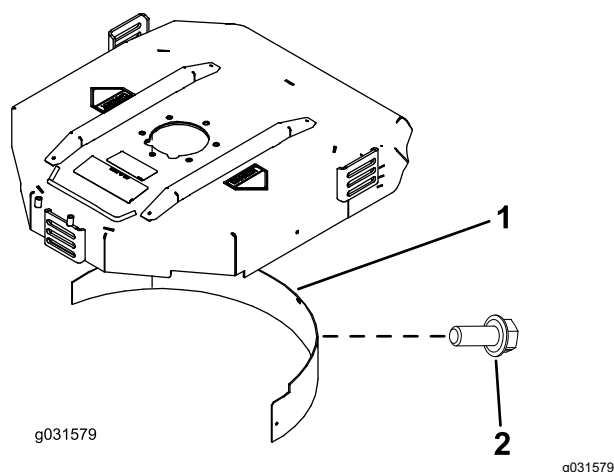


Figure 9

- Mulching baffle
- Flange-head bolt

- Verify that the mulching baffle does not interfere with the tip of the blade and does not protrude inside the surface of the rear chamber wall.

⚠ DANGER

Using the high-lift blade with the mulching baffle could cause the blade to break, resulting in personal injury or death.

Do not use the high-lift blade with the baffle.

Product Overview

Specifications

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

| | |
|------------|---|
| Length | 80.8 cm (31.8 inches) |
| Width | 72.1 cm (28.4 inches) |
| Height | 21.6 cm (8.5 inches) to carrier mount 26.7 cm (10.5 inches) at 3/4 inch height of cut with drive motor 34.8 cm (13.7 inches) at 4 inch height of cut with drive motor |
| Net weight | 63.5 kg (140 lbs) |

Attachments/Accessories

A selection of Toro approved attachments and accessories is available for use with the machine to enhance and expand its capabilities. Contact your Authorized Service Dealer or authorized Toro distributor or go to www.Toro.com for a list of all approved attachments and accessories.

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

Note: Determine the left and right sides of the machine from the normal operating position.

⚠ CAUTION

If you leave the key in the ignition switch, someone could accidentally start the engine and seriously injure you or other bystanders.

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

Selecting a Blade

Standard Combination Sail

This blade was designed to provide excellent lift and dispersion in almost any condition. If more or less lift and discharge velocity is required, consider a different blade.

Attributes: Excellent lift and dispersion in most conditions

Angled Sail (Not CE Compliant)

The blade generally performs best in lower heights of cut—1.9 to 6.4 cm (3/4 to 2-1/2 inches).

Attributes:

- Discharge remains more even at lower heights of cut.
- Discharge has less tendency to throw left and thus a cleaner look around bunkers and fairways.
- Lower power requirement at lower heights and dense turf.

High-Lift Parallel Sail (Not CE Compliant)

The blade generally performs better in the higher heights of cut—7 to 10 cm (2 to 4 inches).

Attributes:

- More lift and higher discharge velocity
- Sparse or limp turf is picked up significantly at higher heights of cut
- Wet or sticky clippings are discharged more efficiently reducing congestion in the deck
- Requires more horsepower to run
- Tends to discharge further left and can tend to windrow at lower heights of cut

⚠ WARNING

Using a high-lift blade with the mulching baffle could cause the blade to break, resulting in personal injury or death.

Do not use the high-lift blade with the mulching baffle.

Atomic Blade

This blade was designed to provide excellent leaf mulching.

Attribute: Excellent leaf mulching

Operating Tips

Mow when the Grass is Dry

Mow either in the late morning to avoid the dew, which causes grass clumping, or in late afternoon to avoid the damage that can be caused by direct sunlight on the sensitive, freshly mowed grass.

Selecting the Proper Height-of-Cut Setting to Suit Conditions

Remove no more than approximately 25 mm (1 inch), or 1/3 of the grass blade when cutting. In exceptionally lush and dense grass, you may need to raise your height-of-cut setting.

Mowing with Sharp Blades

A sharp blade cuts cleanly and without tearing or shredding the grass blades. A dull blade, which tears

and shreds grass, causes grass to turn brown at the edges. This impairs grass growth and increases susceptibility to diseases. Ensure that the blade is in good condition and that there is a full sail.

Checking the Cutting Unit Condition

Ensure that the chambers of each cutting unit are in good condition. Straighten any chamber-component bends to ensure the correct blade tip/chamber clearance.

Checking the Mower Housing After Operating

To ensure that optimum performance is met, clean the underside of mower housing. If you allow residue to build up in mower housing, cutting performance will decrease.

Choosing Accessories

Optional Equipment Configurations

| | Angle Sail Blade | High-Lift, Parallel-Sail Blade (<i>Do not use with the mulching baffle</i>) (Not CE Compliant) | Mulching Baffle | Roller Scraper |
|--|--|---|--|--|
| Grass Cutting: 1.9 to 4.4 cm (3/4 to 1-3/4 inches) height of cut | Recommended in most applications | May work well in light or sparse turf | Has been shown to improve dispersion and after-cut performance on northern grasses that are cut at least 3 times per week and less than 1/3 of the grass blade is removed. Do not use with the high-lift, parallel-sail blade | Use it whenever the rollers build up with grass or large, flat grass clumps of grass are seen. The scrapers may increase clumping in certain applications. |
| Grass Cutting: 5 to 6.4 cm (2 to 2-1/2 inches) height of cut | Recommended for thick or lush turf | Recommended for light or sparse turf | | |
| Grass Cutting: 7 to 10 cm (2-3/4 to 4 inches) height of cut | May work well in lush turf | Recommended in most applications | | |
| Leaf Mulching | Recommended for use with the mulching baffle | Not Allowed | Use with combination sail or angle sail blade only | |
| Pros | Even discharge at lower height of cut; cleaner look around bunkers and fairways; lower power requirements | More lift and higher discharge velocity; sparse or limp turf is picked up at high height of cut; wet or sticky clippings are discharged efficiently | May improve dispersion and appearance in certain grass cutting applications; very good for leaf mulching | Reduces roller buildup in certain applications |
| Cons | Does not lift the grass well in high height-of-cut applications; wet or sticky grass has a tendency to build up in the chamber, leading to poor quality of cut and higher power requirements | Requires more power to run in some applications; tends to windrow at lower height of cut in lush grass; do not use with the mulching baffle | Grass will build up in the chamber if you attempt to remove too much grass with the baffle in place | |

Maintenance

Note: Determine the left and right sides of the machine from the normal operating position.

Recommended Maintenance Schedule(s)

| Maintenance Service Interval | Maintenance Procedure |
|------------------------------|----------------------------------|
| Before each use or daily | • Check the blade stopping time. |
| Every 50 hours | • Grease the bearings |

⚠ CAUTION

If you leave the key in the ignition switch, someone could accidentally start the engine and seriously injure you or other bystanders.

Remove the key from the ignition and disconnect the wire from the spark plug before you do any maintenance. Set the wire aside so that it does not accidentally contact the spark plug.

Greasing the Bearings

Service Interval: Every 50 hours

If you operate the machine under normal conditions, use No. 2 lithium grease to lubricate all bearings and bushings at the specified maintenance interval. Lubricate bearings and bushings **immediately** after every washing, regardless of the interval listed.

The grease fitting locations and quantities are as follows:

- Cutting unit spindle-shaft bearings (2 per cutting unit)—[Figure 10](#)

Note: You can use either fitting, whichever is more accessible. Pump grease into the fitting until a small amount appears at bottom of the spindle housing (under the cutting unit).

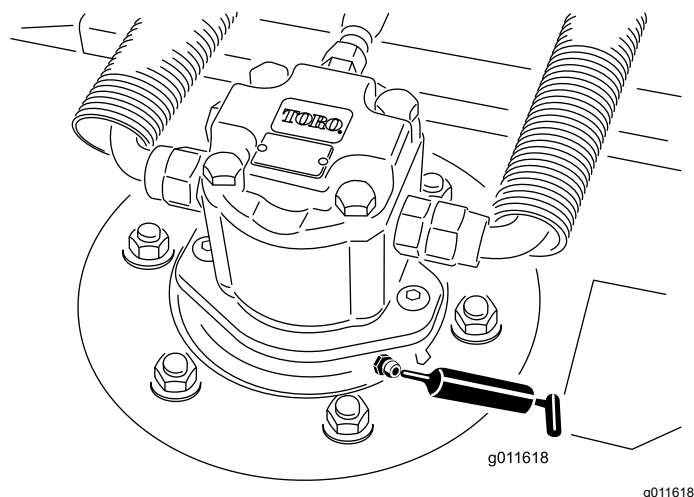


Figure 10

- Rear-roller bearings (2 per cutting unit)—[Figure 11](#)

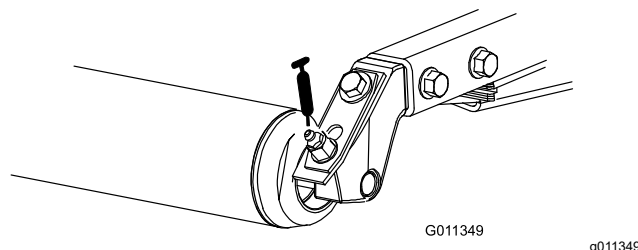


Figure 11

Note: Ensure that the grease groove in each roller mount aligns with the grease hole in each end of the roller shaft. To help align the groove and hole, there is also an alignment mark on 1 end of the roller shaft.

Separating the Cutting Unit from the Traction Unit

1. Position the machine on a level surface, lower the cutting units to the floor, turn the key in the switch to the OFF position, and engage the parking brake.
2. Disconnect and remove the hydraulic motor from the cutting unit ([Figure 12](#)). Cover the top of the spindle to prevent contamination.

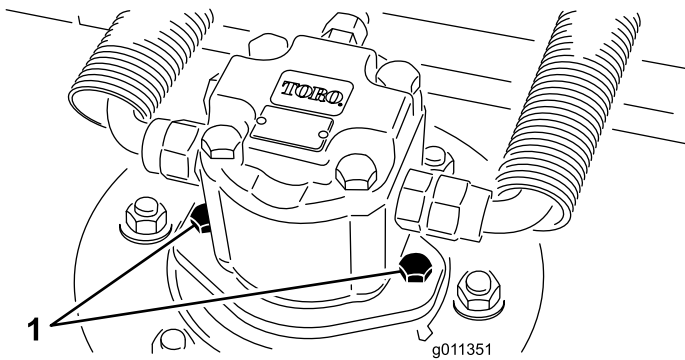


Figure 12

1. Motor-mounting screws

3. Remove the lynch pin securing the deck-carrier frame to the lift-arm pivot pin (Figure 13).

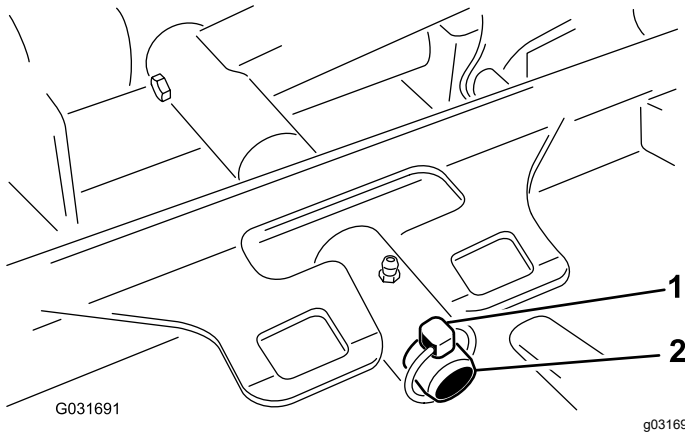


Figure 13

1. Lynch pin
2. Lift-arm pivot pin

4. Roll the cutting unit away from the traction unit.

Mounting the Cutting Unit to the Traction Unit

Refer to [Mounting the Cutting Unit to the Traction Unit \(page 5\)](#).

Servicing the Cutting Blades

Blade Safety

- Inspect the blade periodically for wear or damage.
- Use care when checking the blades. Wrap the blades or wear gloves, and use caution when servicing the blades. Only replace or sharpen the blades; never straighten or weld them.
- On multi-bladed machines, take care as rotating 1 blade can cause other blades to rotate.

Servicing the Blade Plane

The rotary deck comes from the factory preset at 5 cm (2 inches) height of cut and blade rake of 7.9 mm (0.310 inch). The left and right heights are also preset to within ± 0.7 mm (0.030 inch) of the other.

The cutting deck is designed to withstand blade impacts without deformation of the chamber. If a solid object is struck, inspect the blade for damage and the blade plane for accuracy.

Inspecting the Blade Plane

1. Remove the hydraulic motor from the cutting deck and remove the cutting deck from the tractor.
2. Use a hoist (or minimum of 2 people) and place the cutting deck on a flat table.
3. Mark 1 end of the blade with a paint pen or marker. Use this end of the blade to check all heights.
4. Position the cutting edge of the marked end of the blade at 12 o'clock (straight ahead in the direction of mowing) (Figure 14) and measure height from table to cutting edge of blade.

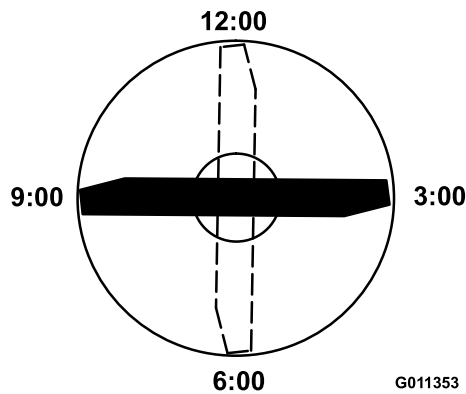


Figure 14

5. Rotate the marked end of the blade to the 3 and 9 o'clock positions (Figure 14) and measure the heights.
6. Compare the 12 o'clock measured height to the height-of-cut setting. It should be within 0.7 mm (0.030 inch). The 3 and 9 o'clock heights should be 1.6 to 6.0 mm (0.06 to 0.24 inch) higher than the 12 o'clock setting and within 1.6 to 6.0 mm (0.06 to 0.24 inch) of each other.

Note: If any of these measurements are not within specification, proceed to [Adjusting the Blade Plane](#) (page 12).

Adjusting the Blade Plane

Start with the front adjustment (change 1 bracket at a time).

1. Remove the height-of-cut bracket (front, left, or right) from the deck frame (Figure 15).
2. Adjust 1.5 mm (0.060 inch) shims and/or 0.7 mm (0.030 inch) shim between the deck frame and bracket to achieve the desired height setting (Figure 15).

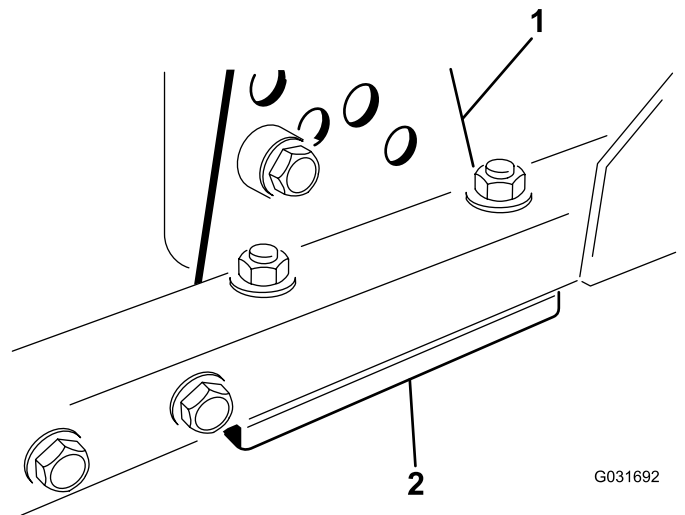


Figure 15

1. Height-of-cut bracket
2. Shims

3. Install the height-of-cut bracket to the deck frame with the remaining shims assembled below the height-of-cut bracket.
 4. Secure the socket-head bolt/spacer and flange nut.
- Note:** Socket-head bolt/spacer are held together with thread-locking adhesive to prevent the spacer from falling inside the deck frame.
5. Verify the 12 o'clock height and adjust if needed.
 6. Determine if only 1 or both (right and left) height-of-cut brackets need to be adjusted. If the 3 or 9 o'clock side is 1.6 to 6.0 mm (0.06 to 0.24 inch) higher than the new front height then no adjustment is needed for that side. Adjust the other side to within 1.6 to 6.0 mm (0.06 to 0.24 inch) of the correct side.
 7. Adjust the right and/or left height-of-cut brackets by repeating steps 1 through 3.
 8. Secure the carriage bolts and flange nuts.
 9. Again, verify the 12, 3, and 9 o'clock heights.

Removing and Installing the Cutting-Unit Blade(s)

Replace the blade if it hits a solid object, is out of balance, or is bent. Always use genuine Toro replacement blades to ensure safety and optimum performance.

1. Park the machine on a level surface, raise the cutting unit to the transport position, engage the parking brake, shut off the engine, and remove the key.

Note: Block or lock the cutting unit to prevent it from accidentally falling.

2. Grasp the end of the blade using a rag or thickly-padded glove.
3. Remove the blade bolt, anti-scalp cup, and blade from the spindle shaft (Figure 16).

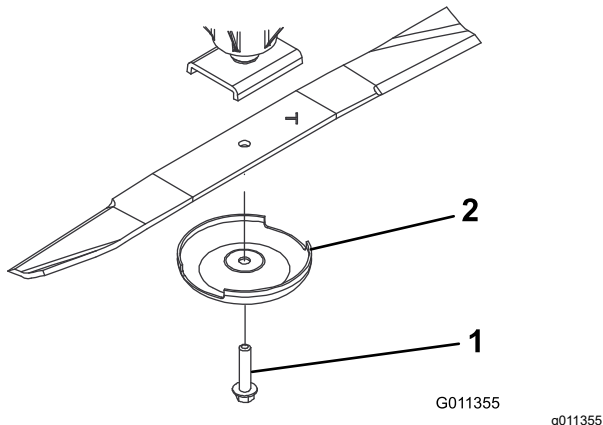


Figure 16

1. Blade bolt
2. Anti-scalp cup

4. Install the blade, anti-scalp cup, and blade bolt and tighten the blade bolt to 115 to 149 N·m (85 to 110 ft-lb).

Important: The curved part of the blade must be pointing toward the inside of the cutting unit to ensure proper cutting.

Note: 7

After striking a foreign object, torque all spindle-pulley nuts to 115 to 149 N·m (85 to 110 ft-lb).

Inspecting and Sharpening the Blade

1. Raise the cutting deck to the transport position, turn the key in the ignition switch to the OFF position, and engage the parking brake.
2. Block the cutting deck to prevent it from falling accidentally.
3. Examine the cutting ends of the blade carefully, especially where the flat and curved parts of the blade meet (Figure 17).

Note: Since sand and abrasive material can wear away the metal that connects the flat and curved parts of the blade, check the blade before using the machine.

4. If wear is noticed (Figure 17), replace the blade; refer to [Servicing the Blade Plane](#) (page 11).

⚠ DANGER

If the blade is allowed to wear, a slot will form between the sail and flat part of the blade (Figure 17). Eventually a piece of the blade may break off and be thrown from under the housing, possibly resulting in serious injury to yourself or bystanders.

- Inspect the blade periodically for wear or damage.
- Always replace a worn or damaged blade.

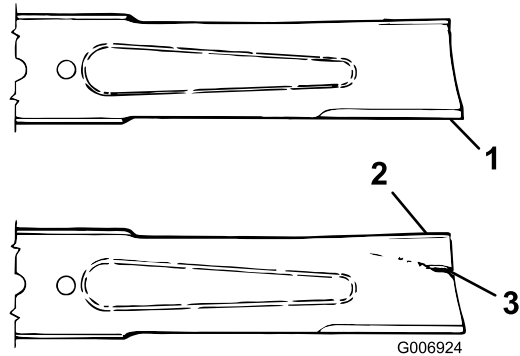


Figure 17

1. Cutting edge
2. Sail
3. Wear/slot/crack

5. Inspect the cutting edges of all blades. Sharpen the cutting edges if they are dull or nicked. Sharpen only the top of the cutting edge and maintain the original cutting angle to make sure that it is sharp (Figure 18).
6. If dull or nicked, sharpen only the top cutting edge while maintaining the original cutting angle (Figure 18).

Note: The blade will remain balanced if the same amount of metal is removed from both cutting edges.

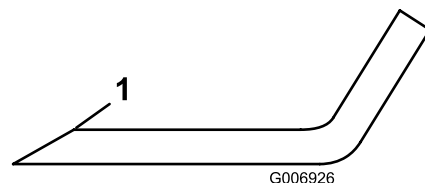


Figure 18

1. Sharpen at this angle only

7. To check the blade for being straight and parallel, lay the blade on a level surface and check its ends.

Note: Position the ends of the blade slightly lower than the center, and the cutting edge lower than the heel of the blade. This blade produces a good quality of cut and requires minimal power from the engine. By contrast a blade that is higher at the ends than the center, or if cutting edge is higher than the heel, the blade is bent or warped and must be replaced.

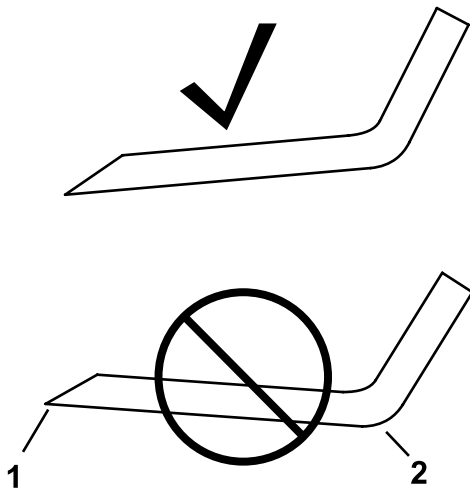


Figure 19

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1. Cutting edge
2. Heel

8. Install the blade, sail facing toward cutting deck, with the anti-scalp cup and blade bolt. Torque the blade bolt to 115 to 149 N·m (85 to 110 ft-lb).

Checking the Blade Stopping Time

Service Interval: Before each use or daily

The blades of the cutting deck should come to a complete stop in approximately 5 seconds after you shut down the cutting-deck-engagement switch.

Note: Make sure that the decks are lowered onto a clean section of turf or hard surface to avoid thrown dust and debris.

1. Have a second person stand back from the deck at least 6 m (20 feet) and watch the blades on 1 of the cutting decks.
2. Shut the cutting decks down and record the time it takes for the blades to come to a complete stop.

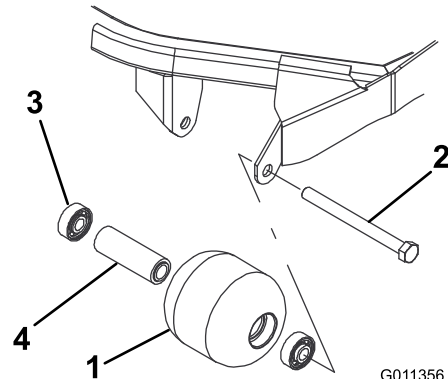
Note: If this time is greater than 7 seconds, the braking valve needs adjustment. Call your authorized Toro distributor for assistance in making this adjustment.

Servicing the Front Roller

Inspect the front roller for wear, excess wobble, or binding. Service or replace the roller or components if any of these conditions exist.

Disassembling the Front Roller

1. Remove the roller-mounting bolt (Figure 20).
2. Insert a punch through the end of the roller housing and drive the opposite bearing out by alternating taps to the opposite side of inner bearing race. There should be a 1.5 mm (0.060 inch) lip of inner race exposed.



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Figure 20

1. Front roller
2. Mounting bolt
3. Bearing
4. Bearing spacer

3. Push the second bearing out in press.
4. Inspect the roller housing, bearings, and bearing spacer for damage (Figure 20). Replace any damaged components and assemble them.

Assembling the Front Roller

1. Press the first bearing into the roller housing (Figure 20). Press on the outer race only or equally on the inner and outer race.
2. Insert the spacer (Figure 20).
3. Press the second bearing into the roller housing (Figure 20). Pressing equally on the inner and outer race until the inner race contacts the spacer.
4. Install the roller assembly into the cutting-unit frame.
5. Verify that there is no more than a 1.5 mm (0.060 inch) gap between roller assembly and the roller mount brackets of the cutting-unit frame. If there is a gap over 1.5 mm (0.060 inch), install enough 5/8-inch diameter washers to take up the slop.

Important: Securing the roller assembly with a gap larger than 1.5 mm (0.060 inch) creates a side load on the bearing and can lead to premature bearing failure

6. Torque the mounting bolt to 108 N·m (80 ft-lb).

Storage

If the cutting deck is separated from the traction unit for any length of time, install a spindle plug in the top of the spindle to protect the spindle from dust and water.

Declaration of Incorporation

The Toro Company, 8111 Lyndale Ave. 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 |
|-----------|------------------|---|----------------------------------|------------------------|------------|
| 30845 | 310000001 and Up | 22-inch Rotary Cutting Unit, Groundsmaster 4300-D Traction Unit | 22 INCH CONTOUR PLUS DECK ASM | 22in Contour Plus Deck | 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:



Tom Langworthy
Engineering Director
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
April 4, 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 Ave. 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 |
|-----------|------------------|---|----------------------------------|------------------------|-----------------------|
| 30845 | 310000001 and Up | 22-inch Rotary Cutting Unit, Groundsmaster 4300-D Traction Unit | 22 INCH CONTOUR PLUS DECK ASM | 22in Contour Plus Deck | 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.



Tom Langworthy
Engineering Director
8111 Lyndale Ave. South
Bloomington, MN 55420, USA
April 4, 2023

Authorized Representative:

Marcel Dutrieux
Manager European Product Integrity
Toro U.K. Limited
Spellbrook Lane West
Bishop's Stortford
CM23 4BU
United Kingdom



The Toro Warranty

Two-Year or 1,500 Hours 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 Commercial product ("Product") to be free from defects in materials or workmanship for 2 years or 1,500 operational hours*, whichever occurs first. This warranty is applicable to all products with the exception of Aerators (refer to separate warranty statements for these products). Where a warrantable condition exists, we will repair the Product at no cost to you including diagnostics, labor, parts, and transportation. This warranty begins on the date the Product is delivered to the original retail purchaser.

* Product equipped with an hour meter.

Instructions for Obtaining Warranty Service

You are responsible for notifying the Commercial Products Distributor or Authorized Commercial Products Dealer from whom you purchased the Product as soon as you believe a warrantable condition exists. If you need help locating a Commercial Products Distributor or Authorized Dealer, or if you have questions regarding your warranty rights or responsibilities, you may contact us at:

Toro Commercial Products Service Department
Toro Warranty Company
8111 Lyndale Avenue South
Bloomington, MN 55420-1196

952-888-8801 or 800-952-2740
E-mail: commercial.warranty@toro.com

Owner Responsibilities

As the product owner, you are responsible for required maintenance and adjustments stated in your *Operator's Manual*. Repairs for product issues caused by failure to perform required maintenance and adjustments are not covered under this warranty.

Items and Conditions Not Covered

Not all product failures or malfunctions that occur during the warranty period are defects in materials or workmanship. This 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, or modified non-Toro branded accessories and products.
- Product failures which result from failure to perform recommended maintenance and/or adjustments.
- Product failures which result from operating the Product in an abusive, negligent, or reckless manner.
- Parts consumed through use that are not defective. Examples of parts which are consumed, or used up, during normal Product operation include, but are not limited to, brake pads and linings, clutch linings, blades, reels, rollers and bearings (sealed or greasable), bed knives, spark plugs, castor wheels and bearings, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, flow meters, and check valves.
- Failures caused by outside influence, including, but not limited to, weather, storage practices, contamination, use of unapproved fuels, coolants, lubricants, additives, fertilizers, water, or chemicals.
- Failure or performance issues due to the use of fuels (e.g. gasoline, diesel, or biodiesel) that do not conform to their respective industry standards.
- Normal noise, vibration, wear and tear, and deterioration. Normal "wear and tear" includes, but is not limited to, damage to seats due to wear or abrasion, worn painted surfaces, scratched decals or windows.

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 your Authorized Toro Service Center.

Parts

Parts scheduled for replacement as required maintenance are warranted for the period of time up to the scheduled replacement time for that part. Parts replaced under this warranty are covered for the duration of the original product warranty and become the property of Toro. Toro will make the final decision whether to repair any existing part or assembly or replace it. Toro may use remanufactured parts for warranty repairs.

Deep Cycle and Lithium-Ion Battery Warranty

Deep cycle and Lithium-Ion batteries have a specified total number of kilowatt-hours they can deliver during their lifetime. Operating, recharging, and maintenance techniques can extend or reduce total battery life. As the batteries in this product are consumed, the amount of useful work between charging intervals will slowly decrease until the battery is completely worn out. Replacement of worn out batteries, due to normal consumption, is the responsibility of the product owner. Note: (Lithium-Ion battery only): Refer to the battery warranty for additional information.

Lifetime Crankshaft Warranty (ProStripe 02657 Model Only)

The ProStripe which is fitted with a genuine Toro Friction Disc and Crank-Safe Blade Brake Clutch (integrated Blade Brake Clutch (BBC) + Friction Disc assembly) as original equipment and used by the original purchaser in accordance with recommended operating and maintenance procedures, are covered by a Lifetime Warranty against engine crankshaft bending. Machines fitted with friction washers, Blade Brake Clutch (BBC) units and other such devices are not covered by the Lifetime Crankshaft Warranty.

Maintenance is at Owner's Expense

Engine tune-up, lubrication, cleaning and polishing, replacement of filters, coolant, and completing recommended maintenance are some of the normal services Toro products require that are at the owner's expense.

General Conditions

Repair by an Authorized Toro Distributor or 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. Except for the Emissions warranty referenced below, if applicable, there is no other express 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.

Note Regarding Emissions 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) and/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 Engine Emission Control Warranty Statement supplied with your product or contained in the engine manufacturer's documentation.

EEA/UK Privacy Notice

Toro's Use of Your Personal Information

The Toro Company ("Toro") respects your privacy. When you purchase our products, we may collect certain personal information about you, either directly from you or through your local Toro company or dealer. Toro uses this information to fulfil contractual obligations - such as to register your warranty, process your warranty claim or to contact you in the event of a product recall - and for legitimate business purposes - such as to gauge customer satisfaction, improve our products or provide you with product information which may be of interest. Toro may share your information with our subsidiaries, affiliates, dealers or other business partners in connection these activities. We may also disclose personal information when required by law or in connection with the sale, purchase or merger of a business. We will never sell your personal information to any other company for marketing purposes.

Retention of your Personal Information

Toro will keep your personal information as long as it is relevant for the above purposes and in accordance with legal requirements. For more information about applicable retention periods please contact legal@toro.com.

Toro's Commitment to Security

Your personal information may be processed in the US or another country which may have less strict data protection laws than your country of residence. Whenever we transfer your information outside of your country of residence, we will take legally required steps to ensure that appropriate safeguards are in place to protect your information and to make sure it is treated securely.

Access and Correction

You may have the right to correct or review your personal data, or object to or restrict the processing of your data. To do so, please contact us by email at legal@toro.com. If you have concerns about the way in which Toro has handled your information, we encourage you to raise this directly with us. Please note that European residents have the right to complain to your Data Protection Authority.

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.