



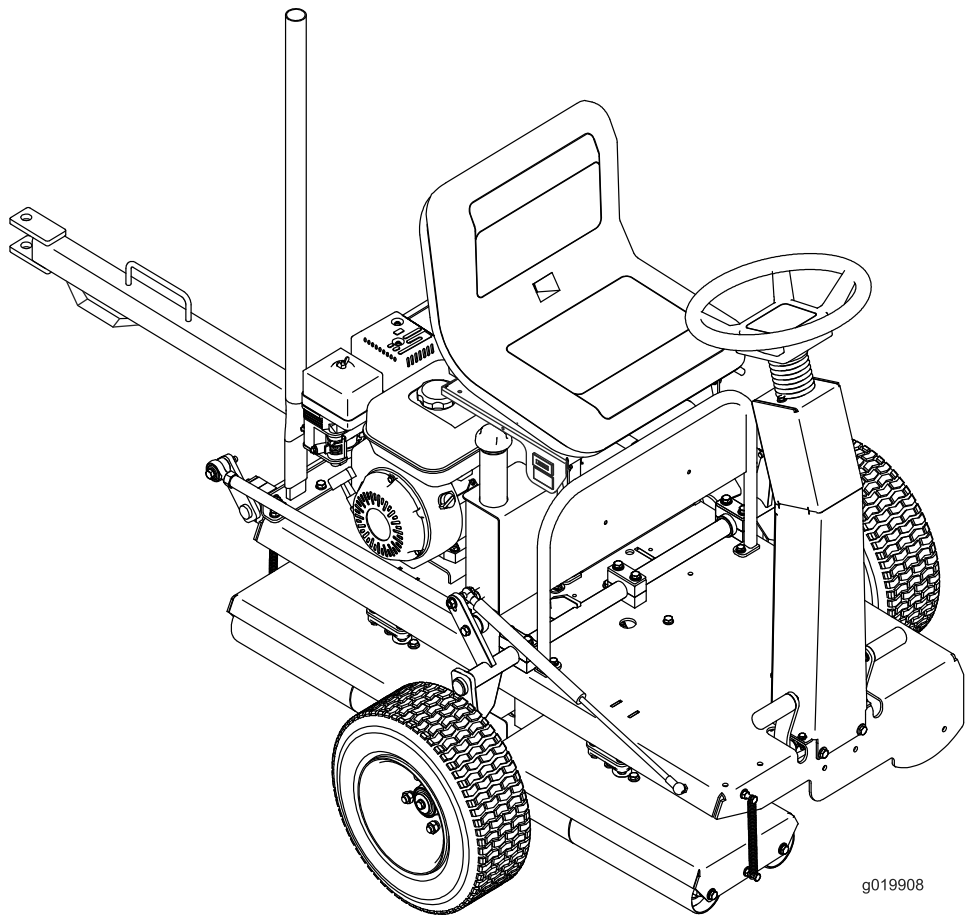
Count on it.

Form No. 3376-137 Rev B

Operator's Manual

GreensPro™ 1200 Greens Roller

Model No. 44907—Serial No. 313000001 and Up



g019908



This product complies with all relevant European directives, for details please see the separate product specific Declaration of Conformity (DOC) sheet.

WARNING

CALIFORNIA Proposition 65 Warning

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Important: This engine is not equipped with a spark arrester muffler. It is a violation of California Public Resource Code Section 4442 to use or operate the engine on any forest-covered, brush-covered, or grass-covered land. Other states or federal areas may have similar laws.

This spark ignition system complies with Canadian ICES-002.

Introduction

This machine is a ride-on, greens roller intended to be used by professional, hired operators in commercial applications. It is primarily designed for rolling greens, tennis courts and other fine turf surfaces on well-maintained lawns in parks, golf courses, sports fields, and on commercial grounds.

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 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. Figure 1 identifies the location of the model and serial numbers on the product. Write the numbers in the space provided.

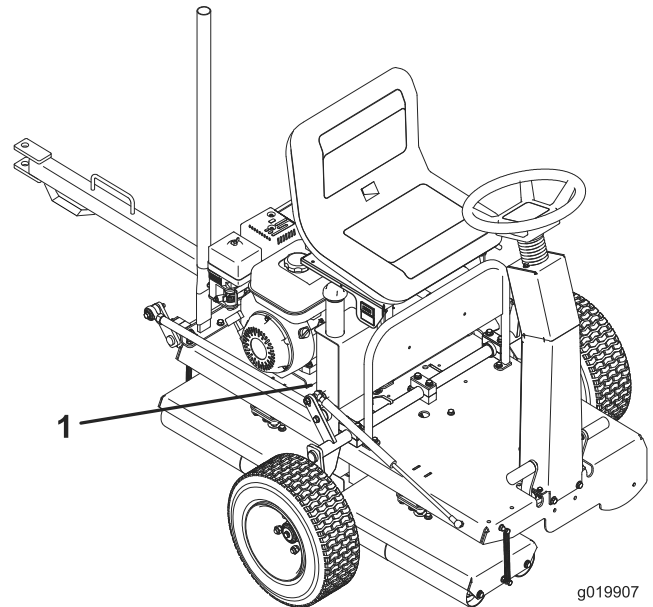


Figure 1

1. Location of the model and serial numbers

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.



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

This machine meets or exceeds CEN standard EN ISO 12100: 2010 specification in effect at the time of production.

Improperly using or maintaining the 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 the instruction may result in personal injury or death.

Safe Operating Practices

The following instructions are from the CEN standard EN ISO 12100: 2010.

Training

- Read the *Operator's Manual* and other training material carefully. Be familiar with the controls, safety signs, and the proper use of the machine.
- If the operator(s) or mechanic(s) cannot read or understand the information it is the owner's responsibility to explain this material to them.
- All operators and mechanics should be trained. The owner is responsible for training the users.
- Never allow children or people unfamiliar with these instructions to use or service the machine. Local regulations may restrict the age of the operator.
- Never operate the machine while people, especially children, or pets are nearby.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- The owner/user can prevent and is responsible for accidents or injuries occurring to people or damage to property
- Do not carry passengers.
- All drivers should seek and obtain professional and practical instruction. Such instruction should emphasize:
 - The need for care and concentration when working with ride-on machines;
 - Control of a ride-on machine sliding on a slope will not be regained by the application of the transmission pedals.

The main reasons for loss of control are:

- Insufficient roller grip;
 - Being driven too fast;
 - Inadequate braking;
 - The type of machine is unsuitable for the task;
 - Lack of awareness of the effect of ground conditions, especially slopes
- Watch out for traffic when crossing or near roadways.

Preparation

- While operating the machine, always wear substantial footwear, long trousers, hard hat, safety glasses, and ear protection. Long hair, loose clothing, or jewelry may get tangled in moving parts. Do not operate the machine when barefoot or wearing open sandals.
- Thoroughly inspect the area where the machine is to be used, and remove all objects which may be damaged by the machine.
- Warning: Fuel is highly flammable. Take the following precautions:
 - Store fuel in containers specifically designed for this purpose.
 - Fuel outdoors only, and do not smoke while fuelling.
 - Add fuel before starting the engine. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot.
 - If fuel is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until fuel vapors have dissipated.
 - Install all fuel-tank caps and container caps securely.
- Replace worn or damaged silencers.
- Evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Only use accessories and attachments approved by the manufacturer.
- Check that the shields are attached and functioning properly. Do not operate unless they are functioning properly.

Operation

- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Operate the machine only in daylight or in good artificial light.
- Stay alert for holes in the terrain and other hidden hazards.
- Avoid operating the machine in wet grass, where feasible.
- Exercise extreme caution when changing direction on slopes.
- Do not use on excessively steep slopes.
- Remember that there is no such thing as a safe slope. Travel on grass slopes requires particular care. To guard against overturning:
 - Do not stop or start suddenly when going up or downhill.
 - Engage the transmission slowly.
 - Stay alert for humps and hollows and other hidden hazards.
 - Never operate across the face of the slope, unless the machine is designed for this purpose.

- Before dismounting the machine, ensure that it is parked on a level surface so that it does not roll away. Chock the wheels or rollers as required.
- Slow down and use extra care on hillsides. Be sure to travel in the recommended direction on hillsides. Turf conditions can affect the stability of the machine. Use caution while operating near drop-offs.
- Slow down and use caution when making turns and when changing directions on slopes.
- Shut off the fuel while storing or transporting the machine. Do not store fuel near flames or drain indoors.
- Park machine on level ground. Chock the wheels or rollers as required. Never allow untrained personnel to service the machine.
- Use jack stands to support components when required.
- Carefully release pressure from components with stored energy.
- Watch out for traffic when crossing or near roadways.
- Never allow anyone near the machine while in operation.
- Never operate the machine with damaged guards or without guards in place. Be sure that all guards are functioning properly.
- Do not change the engine governor settings or over speed the engine. Operating the engine at excessive speed may increase the hazard of personal injury.
- Before leaving the operator's position:
 - Stop on level ground.
 - Chock the wheels or rollers as required.
 - Turn engine speed to idle, allow to run for 10 to 20 seconds.
 - Stop the engine.
- Stop the engine:
 - Before fuelling;
 - Before checking, cleaning, or working on the machine;
 - After striking a foreign object or if an abnormal vibration occurs. Inspect the machine for damage and make repairs before starting again and operating the machine.
- Reduce the throttle setting before stopping engine and turn the fuel-shutoff valve off at the conclusion of operation.
- Keep hands and feet away from the rollers.
- Do not operate the machine under the influence of alcohol or drugs.
- Lightning can cause severe injury or death. If lightning is seen or thunder is heard in the area, do not operate the machine; seek shelter.
- Use care when loading or unloading the machine into or out of a trailer or a truck.
- Use care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

Maintenance and Storage

- Close the fuel-shutoff valve while storing or transporting the machine. Do not store fuel near flames or drain fuel indoors.
- Park the machine on level ground. Chock the wheels or rollers as required. Never allow untrained personnel to service the machine.
- Use jack stands to support components when required.
- Carefully release pressure from components with stored energy.
- Keep all nuts, bolts, and screws tight to be sure that the machine is in safe working condition. Replace all worn or damaged nuts, bolts, and screws.
- Never store the machine with fuel in the tank inside a building where fumes may reach an open flame or spark.
- Allow the engine to cool before storing the machine in any enclosure, and do not store it near a flame.
- To reduce the risk of fire, keep the engine, silencer, and fuel-storage area free of grass, leaves, or excessive grease.
- Keep all parts in good working condition and all hardware and hydraulic fittings tightened. Replace all worn or damaged parts and decals.
- If the fuel tank has to be drained, do this outdoors.
- Be careful during adjustment of the machine to prevent entrapment of the fingers between moving and fixed parts of the machine.
- Stop the engine and disconnect the spark-plug wire. Wait for all movement to stop before adjusting, cleaning, or repairing.
- Clean grass and debris from rollers, drives, mufflers, and engine to help prevent fires. Clean up oil or fuel spillage.
- Keep hands and feet away from moving parts. If possible, do not make adjustments with the engine running.

Hauling

- Use care when loading or unloading the machine into a trailer or truck.
- Use full width ramps for loading machine into trailer or truck.
- Tie the machine down securely using straps, chains, cable, or ropes. Both front and rear straps should be directed down and outward from the machine.

Toro Safety

The following list contains safety information specific to Toro products or other safety information that you must know that is not included in the CEN, ISO, or ANSI standard.

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

Use of this product for purposes other than its intended use could prove dangerous to user and bystanders.

- The direction on the machine (right or left) is determined from the seated operator's position.
- Know how to stop the engine quickly.
- Do not operate the machine while wearing tennis shoes or sneakers.
- Wearing safety shoes and long pants is advisable and required by some local ordinances and insurance regulations.
- Handle gasoline carefully. Wipe up any spills.
- Using the machine demands attention. To prevent loss of control:
 - Do not drive close to sand traps, ditches, creeks, or other hazards.
 - When near or crossing roads, always yield the right-of-way.
- Do not touch the engine, muffler, or exhaust pipe while the engine is running or soon after it has stopped because these areas could be hot enough to cause burns.
- When a person or pet appears unexpectedly in or near the work area, stop operation.

Maintenance and Storage

- Check all fuel lines for tightness and wear on a regular basis. Tighten or repair them as needed.
- If the engine must be running to perform a maintenance adjustment, keep hands, feet, clothing, and any parts of the body away from the rollers, attachments and any moving parts. Keep everyone away.
- To ensure safety and accuracy, have an Authorized Toro Distributor check the maximum engine speed with a tachometer. Maximum governed engine speed should be 3200 rpm.
- If major repairs are ever needed or if assistance is desired, contact an Authorized Toro Distributor.
- Use only Toro-approved attachments and replacement parts. The warranty may be voided if used with unapproved attachments.

Sound Power Level

This unit has a guaranteed sound power level of 96 dBA, which includes an Uncertainty Value (K) of 2 dBA.

Sound power level was determined according to the procedures outlined in EN 11094.

Sound Pressure Level

This unit has a sound pressure level at the operator's ear of 80 dBA, which includes an Uncertainty Value (K) of 3 dBA.

Sound pressure level was determined according to the procedures outlined in EN 836.

Vibration Level

Hand-Arm

Measured vibration level for right hand = 3 m/s²

Measured vibration level for left hand = 3 m/s²

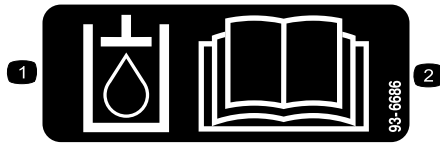
Uncertainty Value (K) = 1.5 m/s²

Measured values were determined according to the procedures outlined in EN 836.

Safety and Instructional Decals

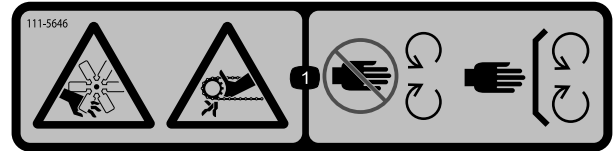


Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.



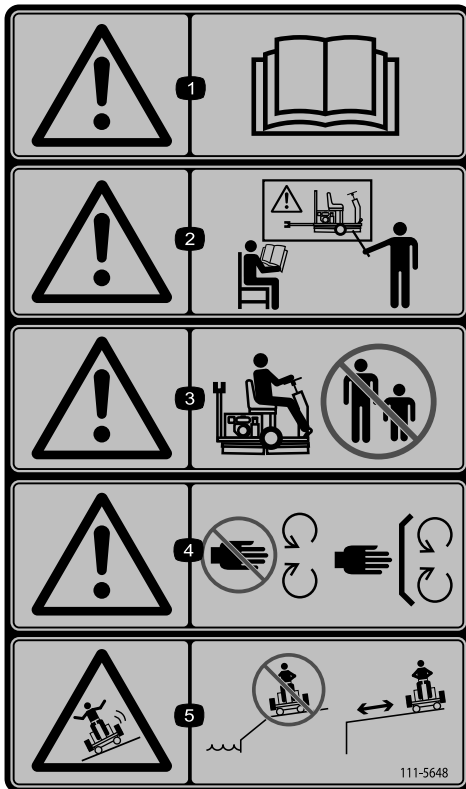
93-6686

1. Hydraulic oil
2. Read the *Operator's Manual*.



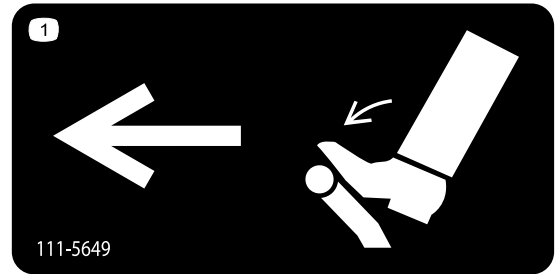
111-5646

1. Cutting/dismemberment hazard, fan; entanglement hazard, belt—keep away from moving parts; keep all guards in place.



111-5648

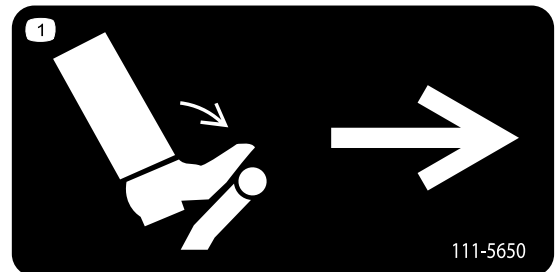
1. Warning—read the *Operator's Manual*.
2. Warning—do not operate the machine unless you are trained.
3. Warning—keep bystanders away from the machine.
4. Warning—keep away from moving parts; keep all guards in place.
5. Tipping hazard—do not use the machine near water, on slopes, or near drop-offs.



111-5649

111-5649

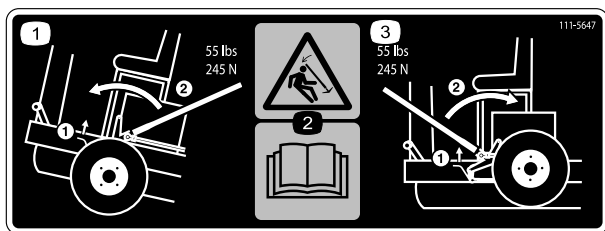
1. Traction pedal, push to move left.



111-5650

111-5650

1. Traction pedal, push to move right.



111-5647

1. 1) Release the latch securing the transport wheels in the lowered position; 2) Rotate the lift bar to raise the transport wheels into the up position.
2. Striking hazard—read the *Operator's Manual*.
3. 1) Release the latch securing the transport wheels in the raised position; 2) Rotate the lift bar to lower the transport wheels into the down position.



111-5652

1. Read the *Operator's Manual*; Caution—tongue weight 380 N (85 lb).

Product Overview

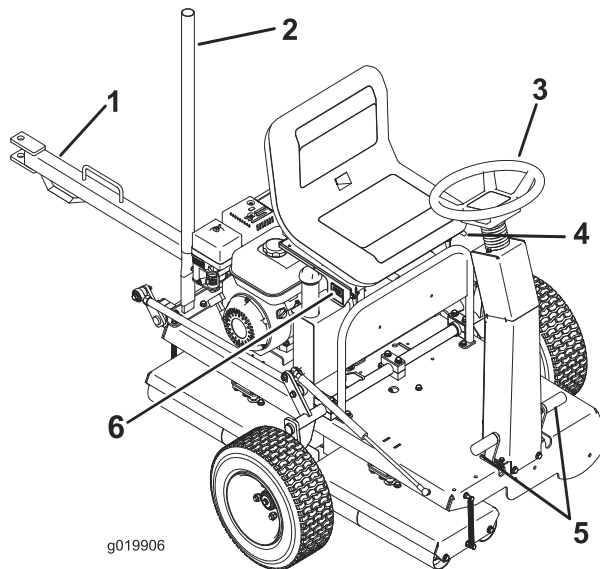


Figure 3

- | | |
|-------------------|--------------------|
| 1. Tow bar | 4. Seat adjustment |
| 2. Lifting bar | 5. Motion pedals |
| 3. Steering wheel | 6. Hour meter |

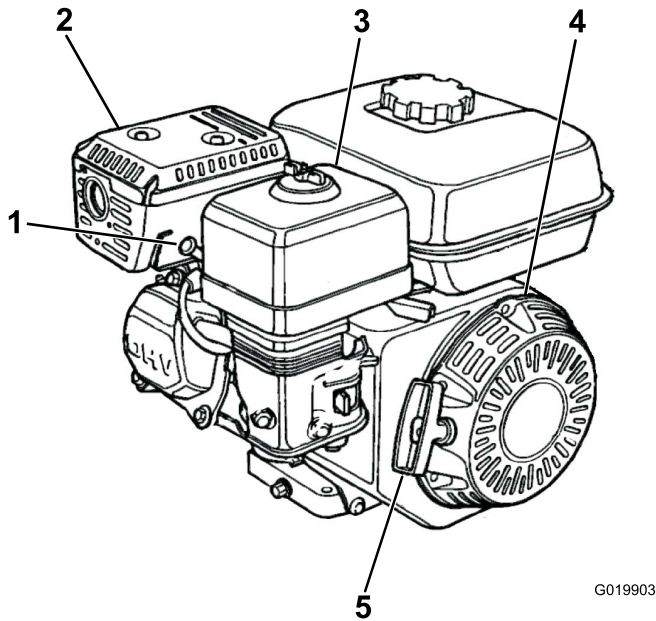


Figure 4

- | | |
|----------------|------------------------|
| 1. Spark plug | 4. Recoil starter |
| 2. Muffler | 5. Recoil-start handle |
| 3. Air cleaner | |

Controls

Note: Refer to your engine operator's manual for complete control information.

Steering Wheel

The steering wheel (Figure 3) controls the angle of the smoothing rollers, which in turn steer the unit. The amount the wheel can be turned is limited, so the turning circle of the greens roller is relatively large.

To move forward or back simply turn the steering wheel to suit the direction you are aiming for. As the direction changes at the end of every run, you will need to practice with the greens roller to become accustomed to the steering. If you want to move forward while moving to the right, turn the steering wheel counterclockwise, if you want to move forward while moving to the left you must turn the steering wheel clockwise.

Motion Pedals

The two, foot operated, motion pedals (Figure 3), found on either side of the steering wheel column, control the motion of the drive roller. The pedals are connected, so they cannot both be pressed down at the same time; you can press only one pedal at a time. If you press down on the right pedal you will move to the right, and if you press down on the left pedal you will move to the left. The further you press a particular pedal, the faster your speed will be in that direction.

Lifting Bar

The lifting bar (Figure 3) is stored on the tow bar bracket behind the operators seat. It is used to create enough leverage force for the operator to raise the unit onto the transport wheels making the unit ready for towing.

Tow Bar

The tow bar (Figure 3) is found behind the operators seat. It is linked to the lifting arm mechanism via two lifting bars so that when you are lowering the wheels into the towing position, the tow bar is automatically lowered into the down position.

Seat Adjustment

The seat can be moved forward or back to adjust for different height operators. Simply pull the seat adjustment lever (Figure 3) at the front left of the seat to the left and slide the seat forward or back to suit, then release the lever.

Hour Meter

The hour meter (Figure 3) indicates the total hours of machine operation.

Engine Controls

On/Off Switch

The On/Off switch (Figure 5) allows the operator of the machine to start and stop the engine. This switch is located on the front of the engine. Rotate the On/Off switch to the On position to start and run the engine. Rotate the On/Off switch to the Off position to stop the engine.

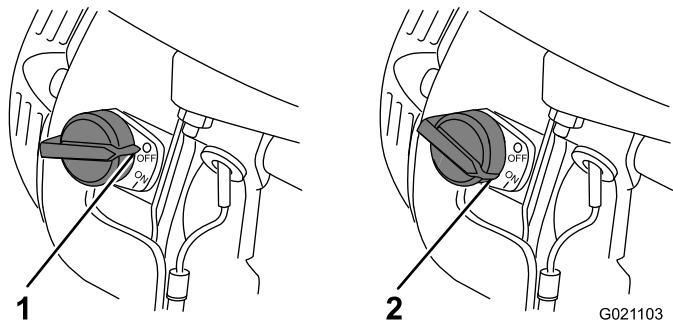


Figure 5

- 1. Off position
- 2. On position

Choke Lever

The choke lever (Figure 6) is required when starting a cold engine. Before pulling the recoil-start handle, move the choke lever to the closed position. Once the engine is running, move the choke lever to the open position. Do not use the choke if the engine is already warmed up or if the air temperature is high.

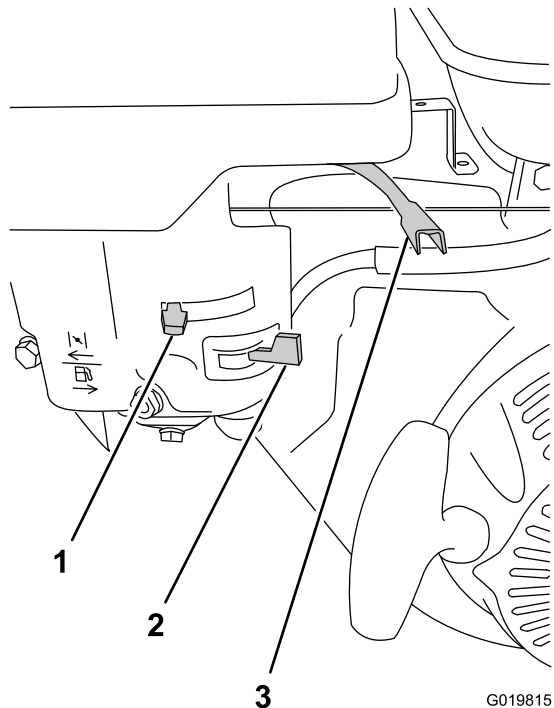


Figure 6

- 1. Choke lever
- 2. Fuel-shutoff valve
- 3. Throttle lever

Throttle Lever

The throttle lever (Figure 6) controls the speed (rpm) of the engine. It is located next to the choke control. It sets the engine rpm and therefore can increase and decrease the speed of the machine. For best performance, set this control to the fast position.

Fuel-shutoff Valve

The fuel-shutoff valve (Figure 6) is located underneath the choke lever. Move it to the open position before attempting to start the engine. Once you have finished using the machine and you have turned the engine off, move the fuel-shutoff valve to the closed position.

Recoil-start Handle

To start the engine, pull the recoil-start handle (Figure 4) quickly to turn the engine over. The controls on the engine described above must all be set correctly for the engine to start.

Oil-level Switch

The oil-level switch is located inside the engine; it prevents the engine from running if the oil level falls below the safe operating limit.

Specifications

Weight	240 kg (529 lb)
Length	136 cm (53.5 inches)
Width	122 cm (48.0 inches)
Height	107 cm (42.2 inches)
Maximum Speed	10 km/h (6.2 mph) @ 3200 rpm

Operation

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

Think Safety First

Please carefully read all of the safety instructions and decals in the safety section. Knowing this information could help you or bystanders avoid injury.

⚠ DANGER

If you operate the machine before reading and understanding this *Operator's Manual*, you or a bystander could be injured.

Do not operate the machine until you have completely read this manual.

Preparing to Use the Machine

1. Clear any debris from above and underneath the machine.
2. Ensure that any scheduled maintenance has been completed.
3. Ensure that all guards and covers are in place and firmly attached.
4. Check the engine oil level.
5. Ensure that there is gasoline in the fuel tank.
6. Lift the transport wheels clear of the ground and ensure that they are locked in place.

Checking the Engine-oil Level

Check the engine-oil level daily; refer to Checking the Engine-oil Level (page 19).

Checking the Transmission-oil Level

Check the transmission-oil level daily; refer to Checking the Transmission Oil Level (page 23).

Checking the Tire Pressure

Make sure that the transport tires are inflated to 0.65 bar (10 psi).

Filling the Fuel Tank

- For best results, use only clean, fresh (less than 30 days old), unleaded gasoline with an octane rating of 87 or higher ((R+M)/2 rating method).
- Ethanol: Gasoline with up to 10% ethanol (gasohol) or 15% MTBE (methyl tertiary butyl ether) by volume is acceptable. Ethanol and MTBE are not the same. Gasoline with 15% ethanol (E15) by volume is not approved for use. **Never use** gasoline that contains more than 10% ethanol by volume, such as E15 (contains 15% ethanol), E20 (contains 20% ethanol), or E85 (contains 85% ethanol). Using unapproved gasoline may cause performance problems and/or engine damage which may not be covered under warranty.
- **Do not** use gasoline containing methanol.
- **Do not** store fuel either in the fuel tank or fuel containers over the winter unless a fuel stabilizer is used
- **Do not** add oil to gasoline.

⚠ WARNING

Gasoline is harmful or fatal if swallowed. Long-term exposure to vapors can cause serious injury and illness.

- **Avoid prolonged breathing of vapors.**
- **Keep face away from nozzle and gas tank or conditioner opening.**
- **Keep gas away from eyes and skin.**

▲ DANGER

In certain conditions, gasoline is extremely flammable and highly explosive. A fire or explosion from gasoline can burn you and others and can damage property.

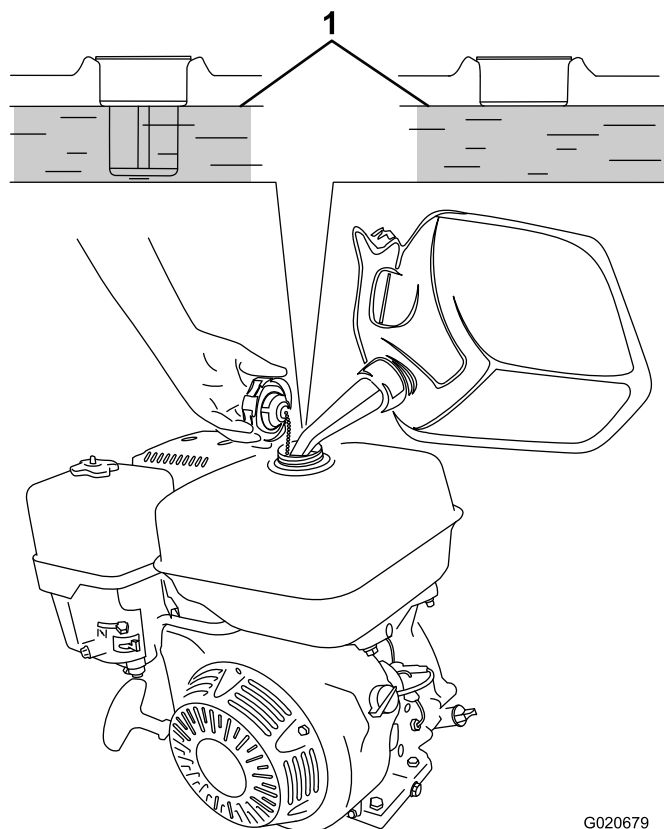
- Fill the fuel tank outdoors, in an open area, when the engine is cold. Wipe up any gasoline that spills.
- Do not fill the fuel tank completely full. Add gasoline to the fuel tank until the level is 25 mm (1 inch) below the top of the tank. This empty space in the tank allows the gasoline to expand.
- Never smoke when handling gasoline, and stay away from an open flame or where gasoline fumes may be ignited by a spark.
- Store gasoline in an approved container and keep it out of the reach of children. Never buy more than a 30-day supply of gasoline.
- Always place gasoline containers on the ground away from your vehicle before filling.
- Do not fill gasoline containers inside a vehicle or on a truck or trailer bed, because interior carpets or plastic truck-bed liners may insulate the container and slow the loss of any static charge.
- When practical, remove gas-powered equipment from the truck or trailer and fuel the equipment with the wheels on the ground. If this is not possible, then fuel such equipment on a truck or trailer from a portable container, rather than from a gasoline dispenser nozzle.
- If a gasoline-dispenser nozzle must be used, keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete.

Fuel-tank Capacity: 3.6 L (0.95 US gallons)

1. Clean around fuel tank cap and remove cap from tank (Figure 9). Using unleaded (87 pump octane minimum) gasoline, fill the fuel tank to approximately 25 mm (1 inch) below the top of the tank to allow for fuel expansion.

Important: Do not overfill the tank. Adding fuel in excess of the prescribed level will result in engine failure due to saturation of the vapor recovery system. This is not a warrantable failure and will require replacement of the fuel-tank cap.

Important: Never use methanol, gasoline containing methanol, gasohol containing more than 10% ethanol, gasoline additives, premium gasoline, or white gas because the fuel system could be damaged. Do not mix oil with gasoline.



G020679

Figure 7

1. Maximum fuel level

2. Install the fuel-tank cap and wipe up any spilled gasoline.

Starting and Stopping the Engine

Note: For illustrations and descriptions of the controls referenced in this section, refer to the Controls section in Operation.

Starting the Engine

Note: Make sure that the spark-plug wire is connected to the spark plug.

1. Turn the On/Off switch to the On position.
2. Turn the fuel-shutoff valve to the Open position.
3. Move the choke lever to the On position when starting a cold engine. The choke may not be required when starting a warm engine.
4. Move the throttle control to the Fast position.
5. Stand at the rear of the machine, pull the recoil-start handle out until positive engagement results; then pull it vigorously to start the engine.

Important: Do not pull the recoil rope to the limit or let go of starter handle when the rope is pulled

out, because the rope may break or the recoil assembly may be damaged.

6. When the engine has started, push the choke lever to the off position.
7. Move the throttle lever to the desired setting (usually Fast).

Stopping the Engine

1. Turn the engine speed to idle, and allow it to run for 10 to 20 seconds.
2. Turn the On/Off switch to the off position.
3. Turn the fuel-shutoff valve to the closed position.

Transporting the Machine

1. Drive the machine to the transport vehicle.
2. Move the throttle lever to the low-speed position, and allow the engine to run for 10 to 20 seconds.
3. Turn the On/Off switch to the Off position.
4. Turn the fuel-shutoff valve to the Closed position.
5. To raise the machine onto its transport wheels:
 - A. Remove the lynch pin securing the lifting bar to the tab on the tow bar bracket and remove the bar from the bracket (Figure 8).

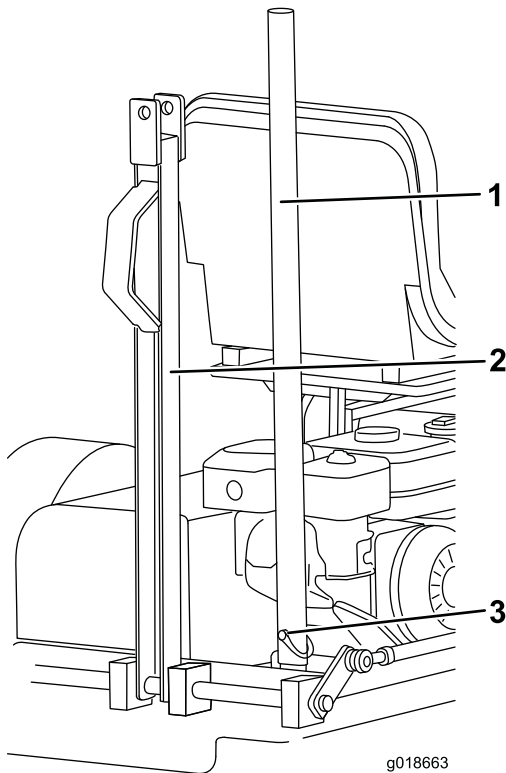


Figure 8

1. Lifting bar
2. Tow bar
3. Lynch pin

- B. Slide the bar onto the tab on the left hand side of the lifting arm assembly and secure it with a lynch pin (Figure 9).

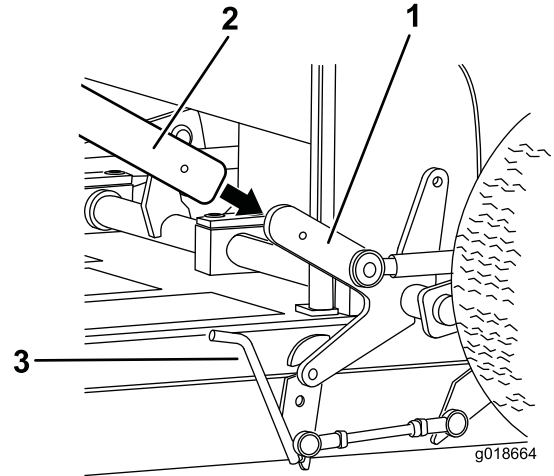


Figure 9

1. Lifting arm tab
2. Lifting bar
3. Latch

- C. While holding the lifting bar, release the latch and start lifting the wheels with the lifting bar.

Note: The lifting arm assembly has a gas ram which assists in lifting the roller. Once you have moved the transport wheels so that they are touching the ground, you will have to push harder to get them over center and then they will lock into place.

- D. Using the lifting bar, raise the unit onto the transport wheels and ensure they are locked in place.
6. To lower the machine onto the rollers:
 - A. While holding the lifting bar, release the latch and let the machine lower gently to the turf.
 - B. Push the lifting bar down until the lifting arm assembly locks into the raised position.
 - C. Remove the lynch pin securing the lifting bar to the lifting arm assembly.
 - D. Remove the lifting bar from the lifting arm assembly and install it onto the tab on the tow bar bracket.
 - E. Secure it to the tab on the tow bar bracket with the lynch pin.

Operating the Machine

1. Sit on the operator seat, taking care not to contact the motion pedals as you sit down.
2. Adjust the seat and steering wheel to a comfortable operating position.

3. Hold onto the steering wheel, and slowly press either the left or right motion pedal with your corresponding foot, in whichever direction you wish to move.

Note: The further you press the pedal, the faster you will travel in that direction.

4. To stop, release the foot pedal and the machine will stop.

Note: As you become familiar with the machine, you will get the feel for when you should release the foot pedal, which will be prior to where you want to finish the run, as the machine will continue to roll for a short time after you release the pedal. As you come to a complete stop, gently press the other foot pedal for your return pass.

Note: Do not press the foot pedals too quickly; this will result in possible skidding and scuffing of the turf under the drive roller as well as damage to the drive system. You should always operate the foot pedals in a controlled manner.

5. To move forward or back simply turn the steering wheel to suit the direction for which you are aiming.

Note: As the direction changes at the end of every run, you will need to practice with the machine to become accustomed to the steering. To move forward while traversing to the right, turn the steering wheel counterclockwise. To move forward while traversing to the left, turn the steering wheel clockwise. This is reversed if you want to move backward.

Important: To stop the machine in an emergency, press the other pedal to the neutral position. As an example, with the right pedal pressed and traveling to the right, press the left pedal to neutral to bring the machine to a stop. This action must be firm but not sudden as it may cause the machine to tip sideways.

6. Before dismounting the machine, make sure that it is parked on a level surface. Chock the wheels or rollers as required.

Maintenance

Recommended Maintenance Schedule(s)

Maintenance Service Interval	Maintenance Procedure
After the first 5 hours	<ul style="list-style-type: none">• Check the drive chain tension and adjust it as necessary.• Check for any loose nuts, bolts, or fittings and tighten them as required.
After the first 20 hours	<ul style="list-style-type: none">• Change the engine oil.• Change the transmission oil.
Before each use or daily	<ul style="list-style-type: none">• Lubricate the drive-roller bearings and the steering heads (lubricate immediately after every washing).• Lubricate the pivot points.• Lubricate the drive chain.• Check the engine-oil level.• Check the air cleaner.• Check the transmission oil level.• Check the drive chain tension and adjust it as necessary.• Check for any loose nuts, bolts, or fittings and tighten them as required.• Check the engine-oil level.• Check the fuel tank for fuel.
After each use	<ul style="list-style-type: none">• Clear any debris on the roller, especially from around the engine.
Every 50 hours	<ul style="list-style-type: none">• Clean the air cleaner. (more often in dirty or dusty conditions)
Every 100 hours	<ul style="list-style-type: none">• Change the engine oil.• Check/adjust the spark plug.• Clean the sediment cup.
Every 300 hours	<ul style="list-style-type: none">• Replace the paper element.• Replace the spark plug.
Every 800 hours	<ul style="list-style-type: none">• Change the transmission oil.
Before storage	<ul style="list-style-type: none">• Paint any chipped surfaces.
Monthly	<ul style="list-style-type: none">• Check for even tire pressure in the transport wheels.
Yearly	<ul style="list-style-type: none">• Check over the entire machine, checking all nuts and bolts, ensuring they are tight.

Important: Refer to your engine operator's manual for additional maintenance procedures.

▲ WARNING

If you are not careful with hazardous substances, they can cause serious personal injury.

- Read the labels and instructions for the materials that you use.
- Wear the necessary personal protective safety equipment, and use hazardous substances carefully.

The following fluids are identified as being hazardous;

Substances	Assessed Risk
Gasoline	Low
Lubricating oil	Low
Hydraulic oil	Low
Grease	Low

- When using any of the above fluids it is recommended that eye protection and gloves are worn and that care is taken to prevent spillage.
- Avoid contact with skin; wash off spillage with soap and water.
- Avoid contact with eyes; wash with running water and seek medical attention if symptoms persist.
- Avoid ingestion; if swallowed seek medical attention.
- Keep clear of high-pressure fluid escaping from pinholes, cracked connections, etc. High-pressure fluid can penetrate the skin. Seek immediate medical advice if any fluid is injected into the skin.
- Always use a piece of cardboard or paper when searching for leaks.
- Waste products must not be allowed to contaminate surface water, drains, or sewer systems.

Important: Prevent environmental damage. Dispose of hazardous substances correctly. When disposing of hazardous waste products, take them to an authorized disposal site.

Daily Maintenance Checklist

Important: Duplicate this page for routine use.

Maintenance Check Item	For the week of:						
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
Check that pivot joints operate freely.							
Check the fuel level.							
Check the engine oil level.							
Check the transmission oil level.							
Check the air filter.							
Clean the engine cooling fins.							
Check for unusual engine noises.							
Check for unusual operating noises.							
Touch up damaged paint.							

Notation for Areas of Concern		
Inspection performed by:		
Item	Date	Information

Premaintenance Procedures

The performance of certain maintenance, adjustments, or repair operations will be determined by the owner's facilities.

Excessive tilting of the machine for the purpose of under-deck servicing should be avoided. If the machine is tilted there is a risk that engine oil can enter the cylinder head of the engine and transmission oil can leak from the oil cap located on top of the oil tank. These leaks may result in expensive repairs to the machine. So it is not recommended unless absolutely necessary. For the purpose of under-deck servicing, it is

recommended that the machine be lifted on a hoist or small crane.

Lubrication

Lubricating the Drive-roller Bearings and the Steering Heads

Service Interval: Before each use or daily (lubricate immediately after every washing).

Grease Type: # 2 general-purpose lithium-based grease

1. Wipe each area clean so that foreign matter cannot be forced into the bearing or bushing.
2. Pump grease into the areas as shown in Figure 10 and Figure 11.

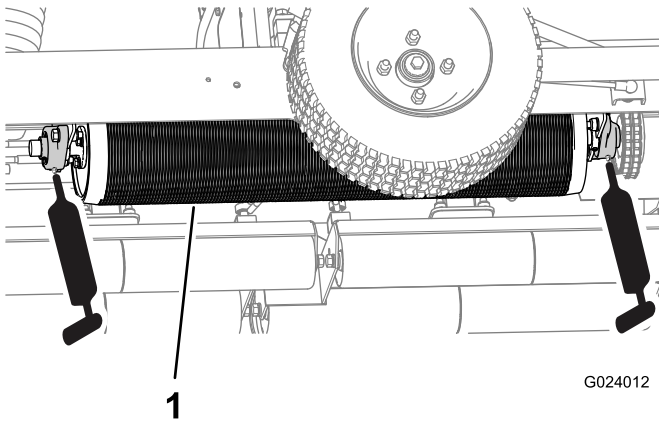


Figure 10

1. Drive roller

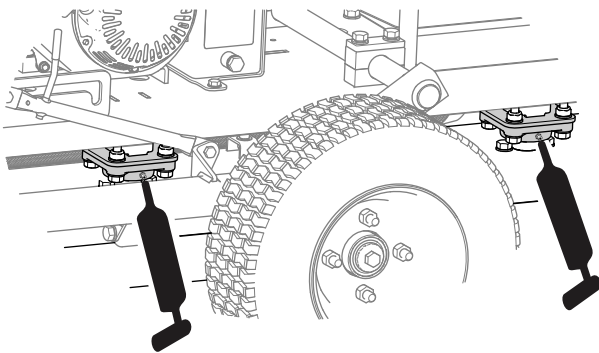


Figure 11

3. Wipe up any excess grease.

Important: After greasing, run the machine off the turf somewhere briefly to disperse any excess lubricant, to avoid damaging the turf.

Lubricating the Linkage Pivot Points

Service Interval: Before each use or daily

Apply a few drops of SAE 30 engine oil or spray lubricant to all the pivot points after cleaning the machine.

Important: After oiling, run the machine off the turf somewhere briefly to disperse any excess lubricant, to avoid damaging the turf.

Lubricating the Drive Chain

Service Interval: Before each use or daily

Lightly lubricate the drive chain with Drislide® multipurpose lubricant or an equivalent lubricant.

Engine Maintenance

Engine Oil

Crankcase Capacity: 0.60 L (0.63 US qt)

Type: API service classification SL, SM, SN, or higher

Viscosity: select according to ambient temperature; refer to Figure 12.

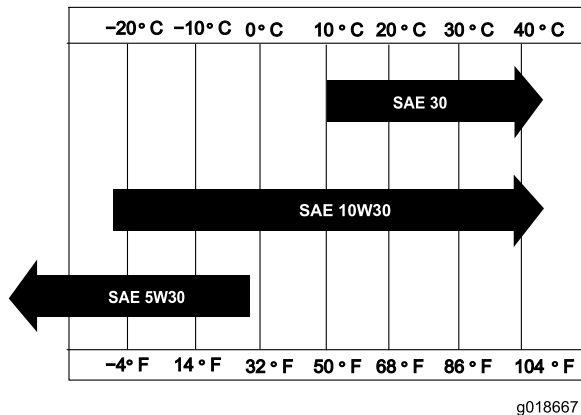


Figure 12

Checking the Engine-oil Level

Service Interval: Before each use or daily—Check the engine-oil level.

Note: The best time to check the engine oil is when the engine is cool before it has been started for the day. If it has already been run, allow the oil to drain back down to the sump for at least 10 minutes before checking.

1. Position the machine on a flat surface so that the engine is level.
2. Stop the engine, wait for it to cool, and clean the area around the oil filler cap/dipstick (Figure 13).

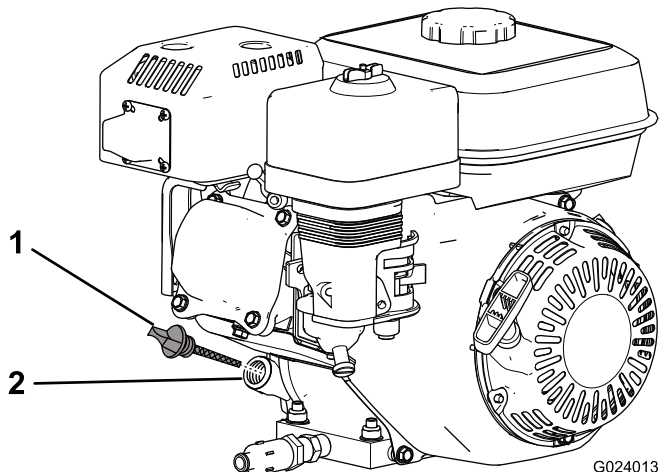


Figure 13

1. Oil-filler cap/dipstick
2. Filler port

3. Remove the oil-filler cap/dipstick by rotating it counterclockwise.
 4. Wipe the oil-filler cap/dipstick clean and insert it into the filler port.
- Note:** Do not screw the dipstick into the port.
5. Remove the dipstick and check the oil level.

Note: If the oil level is near or below the lower-limit mark on the dipstick, add only enough oil to raise level to the upper-limit mark (bottom edge of the oil-fill hole); refer to Figure 14. Check the oil level again. Do not overfill the crankcase.

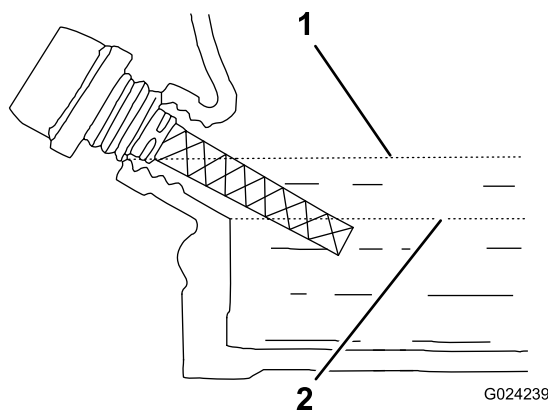


Figure 14

1. Upper limit
2. Lower limit

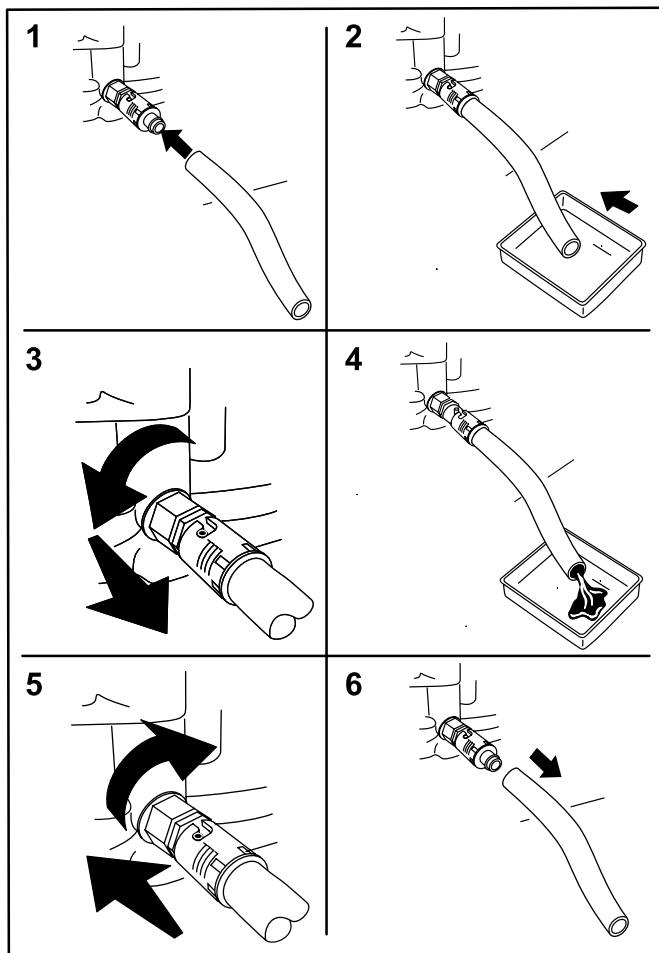
6. Install the oil-filler cap/dipstick and wipe up any spilled oil.

Changing the Engine Oil

Service Interval: After the first 20 hours—Change the engine oil.

Every 100 hours—Change the engine oil.

1. Start and run the engine for a few minutes to warm the engine oil; then stop the engine.
2. Raise the machine onto the transport wheels.
3. Tilt the machine so that the end of the machine with the engine is closer to the ground, and support the other end to hold it in this position.
4. Install the drain hose onto the engine oil drain valve (Figure 15).
5. Place the other end of the hose into a suitable container for oil (Figure 15).



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Figure 15

6. Turn the oil drain valve 1/4 turn counterclockwise to start draining the oil (Figure 15).
7. When all the oil is drained, turn the oil drain valve 1/4 turn clockwise to close the valve (Figure 15).
8. Remove the drain hose and wipe any oil that may have spilled.
9. Fill the crankcase with the specified oil; refer to Engine Oil (page 19).
10. Dispose of the oil properly. Recycle it as per local codes.

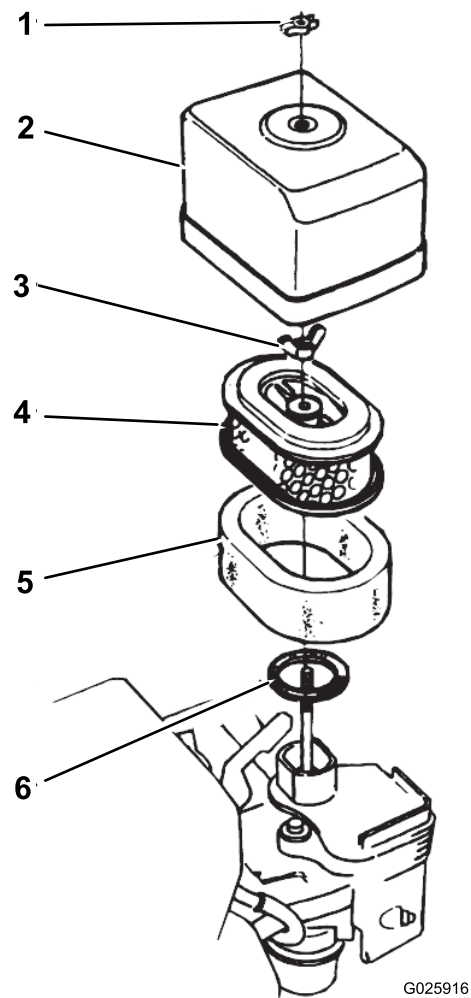
Servicing the Air Cleaner

Service Interval: Before each use or daily—Check the air cleaner.

Every 50 hours—Clean the air cleaner. (more often in dirty or dusty conditions)

Every 300 hours—Replace the paper element.

1. Disconnect the spark-plug wire from the spark plug.
2. Remove the wing nut securing the air-cleaner cover to the air cleaner, and remove the cover (Figure 16).



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Figure 16

- | | |
|----------------------|------------------|
| 1. Wing nut | 4. Paper element |
| 2. Air-cleaner cover | 5. Foam element |
| 3. Wing nut | 6. Gasket |

3. Clean the cover thoroughly.
4. Remove the wing nut from the air filter, and remove the filter (Figure 16).
5. Remove the foam filter from the paper filter (Figure 16).
6. Inspect both air-filter elements, and replace them if they are damaged.

Note: Always replace the paper air-filter element at the scheduled interval.

7. Clean the foam element as follows:
 - A. Wash the foam element in a solution of liquid soap and warm water. Squeeze it to remove the dirt, but do not twist it, because the foam may tear.
 - B. Dry it by wrapping it in a clean rag. Squeeze the rag and foam element to dry the element, but do not twist it, because the foam may tear.
 - C. Saturate the element with clean engine oil. Squeeze the element to remove excess oil and

to distribute oil thoroughly. The foam element should be damp with oil.

8. Clean the paper element by tapping the filter element several times on a hard surface to remove the dirt.

Note: Never brush dirt off the element or use compressed air to remove dirt; brushing forces dirt into the fibers and compressed air will damage the paper filter.

9. Install the foam element, the paper element, and the air-cleaner cover.

Important: Do not operate the engine without the air-cleaner elements, because extreme engine wear and damage will likely result.

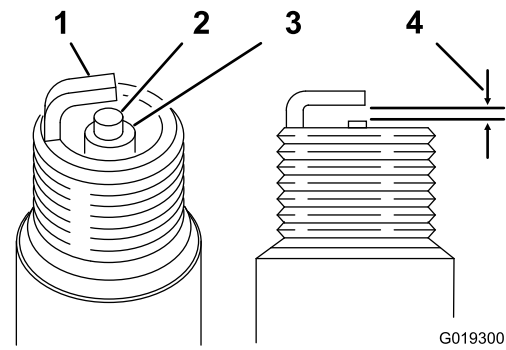


Figure 18

- | | |
|---------------------|--|
| 1. Side electrode | 3. Insulator |
| 2. Center electrode | 4. 0.70 to 0.80 mm (0.028 to 0.031 inch) |

Servicing the Spark Plug

Service Interval: Every 100 hours—Check/adjust the spark plug.

Every 300 hours—Replace the spark plug.

Type: NGK BPR6ES spark plug or equivalent

Air Gap: 0.70 to 0.80 mm (0.028 to 0.031 inch)

1. Disconnect the spark-plug wire from the spark plug (Figure 17).

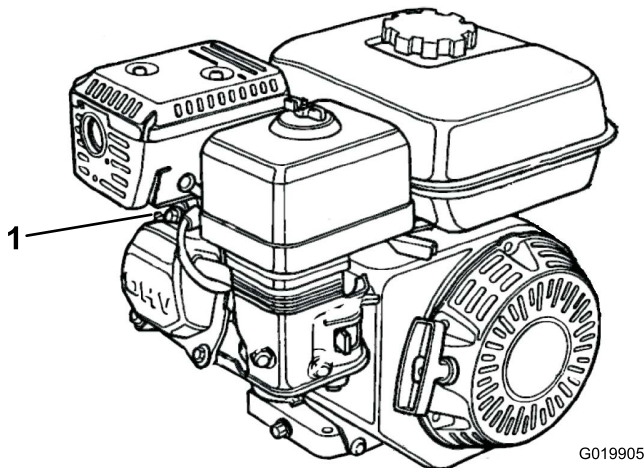


Figure 17

1. Spark-plug wire

2. Clean around the spark plug, and remove the plug from the cylinder head.

Important: Replace a cracked, fouled, or dirty spark plug. Do not sand blast, scrape, or clean the electrodes, because engine damage could result from grit entering the cylinder.

3. Set the air gap to 0.70 to 0.80 mm (0.028 to 0.031 inch) (Figure 18).

4. Install the correctly gapped spark plug carefully by hand, to avoid cross-threading.

5. After the spark plug is seated, tighten it with a spark-plug wrench to compress the sealing washer.

- When installing a new spark plug, tighten it 1/2 turn after the spark plug seats, to compress the washer.

- When installing the original spark plug, tighten it 1/8 to 1/4 turn after the spark plug seats, to compress the washer.

Note: A loose spark plug can overheat and damage the engine. Overtightening the spark plug can damage the threads in the cylinder head.

6. Connect the spark-plug wire to the spark plug.

Fuel System Maintenance

Cleaning the Sediment Cup

Service Interval: Every 100 hours—Clean the sediment cup.

⚠ DANGER

In certain conditions, gasoline is extremely flammable and highly explosive. A fire or explosion from gasoline can burn you and others and can damage property.

- Fill the fuel tank outdoors, in an open area, when the engine is cold. Wipe up any gasoline that spills.
- Do not fill the fuel tank completely full. Add gasoline to the fuel tank until the level is 25 mm (1 inch) below the top of the tank. This empty space in the tank allows the gasoline to expand.
- Never smoke when handling gasoline, and stay away from an open flame or where gasoline fumes may be ignited by a spark.
- Store gasoline in an approved container and keep it out of the reach of children. Never buy more than a 30-day supply of gasoline.
- Always place gasoline containers on the ground away from your vehicle before filling.
- Do not fill gasoline containers inside a vehicle or on a truck or trailer bed, because interior carpets or plastic truck-bed liners may insulate the container and slow the loss of any static charge.
- When practical, remove gas-powered equipment from the truck or trailer and fuel the equipment with the wheels on the ground. If this is not possible, then fuel such equipment on a truck or trailer from a portable container, rather than from a gasoline dispenser nozzle.
- If a gasoline-dispenser nozzle must be used, keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete.

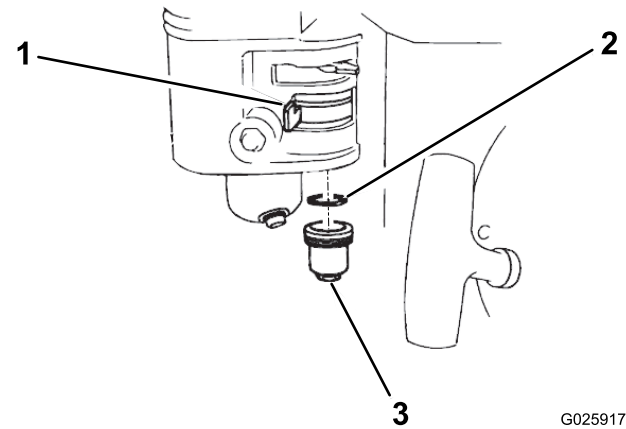


Figure 19

1. Shutoff valve
2. O-ring
3. Sediment cup

2. Wash the sediment cup and O-ring in nonflammable solvent, and dry them thoroughly.
3. Place the O-ring in the fuel valve, and install the sediment cup.

Note: Tighten the sediment cup securely.

1. Move the fuel valve to the Off position, then remove the fuel sediment cup and O-ring (Figure 19).

Drive System Maintenance

Checking the Transmission Oil Level

Service Interval: Before each use or daily

The transmission/tank is filled at the factory with Supersyn 5W-40 synthetic engine oil.

Important: Use only Supersyn 5W-40 synthetic engine oil or equivalent engine oils. Other engine oils could cause system damage.

1. Place the machine on a level surface.
2. Check the oil level.

If your machine has a sight gauge, check the transmission-oil level as follows:

Ensure that the oil level is within the viewable area of the sight gauge.

Note: If the oil level is not within the viewable area, add or remove oil until the level reaches the middle of the sight gauge.

If your machine does not have a sight gauge, check the transmission-oil level as follows:

- A. Remove the bolt and nut securing the rear of the seat plate to the rear frame and tip the seat forward.
- B. Remove the cap from the top of the oil tank (Figure 20).

The oil level should be approximately 40 mm (1.6 inches) below the top of the flat surface of the tank. If it is not, add enough oil until the level reaches the correct level.

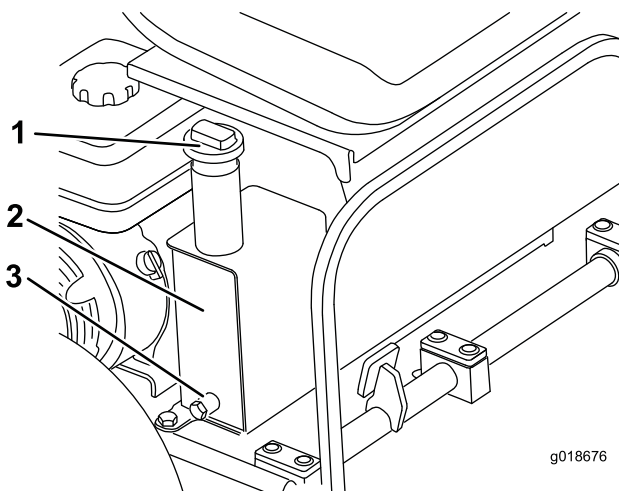


Figure 20

- | | |
|-------------|---------------|
| 1. Tank cap | 3. Tank drain |
| 2. Oil tank | |

- C. Install the tank cap.
- D. Lower the seat and secure the seat plate to the rear frame with the bolt and nut previously removed.

Changing the Transmission Oil

Service Interval: After the first 20 hours

Every 800 hours/Every 2 years (whichever comes first)

Important: Use only Supersyn 5W-40 synthetic engine oil or equivalent engine oils. Other oils could cause system damage.

1. Place a drain pan under the oil tank drain plug (Figure 20).
2. Remove the drain plug from the side of the tank (Figure 20).
3. When all the oil has drained, install the drain plug.
4. Clean the area around the filter mounting area (Figure 21).

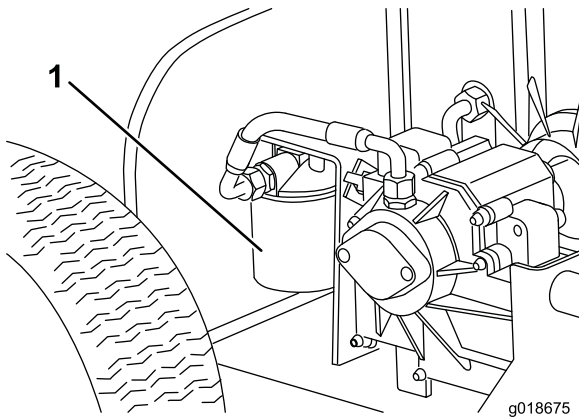


Figure 21

1. Oil filter

5. Place a drain pan under the filter and remove the filter.
6. Fill the replacement filter with the appropriate engine oil, lubricate the sealing gasket, and hand turn it until the gasket contacts the filter head. Then tighten the filter 3/4 turn further.

Note: The filter should now be sealed.

7. Remove the oil tank cap (Figure 20).
8. Fill the oil tank with the proper oil.
9. Install the tank cap.
10. Start the machine and run it at idle for 3 to 5 minutes to circulate the oil and remove any air trapped in the system.
11. Stop the machine, check the oil level, and add oil as required.
12. Dispose of the oil and filter properly.

Note: Recycle the oil and filter according to local codes.

Adjusting the Drive Chain

Service Interval: After the first 5 hours—Check the drive chain tension and adjust it as necessary.

Before each use or daily—Check the drive chain tension and adjust it as necessary.

The drive chain is located under the rear cover and is tensioned by the idler sprockets which are mounted to an idler arm. This arm can be tensioned further if the chain has stretched.

Chain Tension: deflection of 5 mm to 8 mm (0.2 inch to 0.3 inch)

1. Remove the mounting bolt and lift off the rear cover (Figure 22)

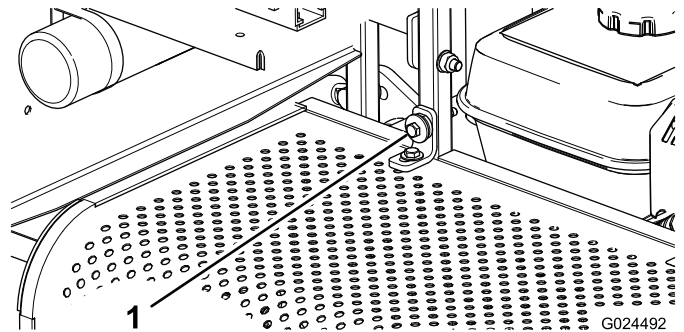


Figure 22

1. Rear cover mounting bolt

2. Loosen the locking nut on the tensioning rod (Figure 23).

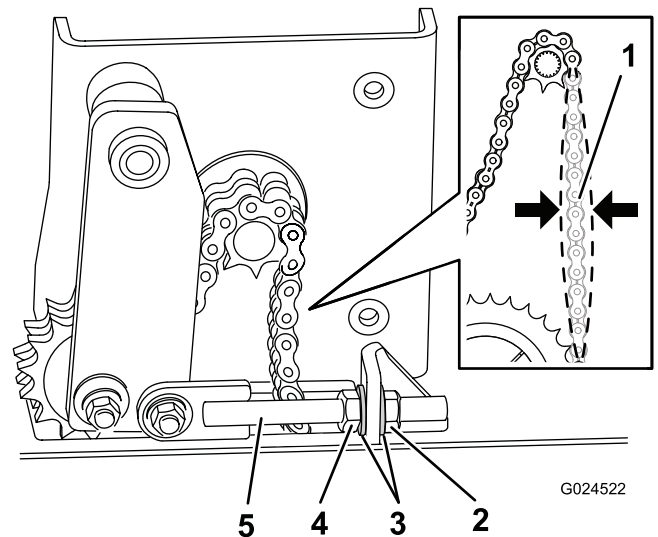


Figure 23

1. Deflection of 5 mm to 8 mm (0.2 inch to 0.3 inch)
2. Tensioning nut
3. Washers
4. Locking nut
5. Tensioning rod

3. Adjust the tension as follows (Figure 23):

- To increase the tension, tighten the tensioning nut.
- To decrease the tension, loosen the tensioning nut.

Note: If there are not enough threads on the tensioning rod, you can move the locking nut next to the tensioning nut, and use it as a jam nut.

4. When the chain deflects from 5 mm to 8 mm (0.2 inch to 0.3 inch), tighten the locking nut on the tensioning rod.

Storage

1. Remove grass clippings, dirt, and grime from the external parts of the entire machine, especially the rollers and the engine. Clean dirt and chaff from the outside of the engine's cylinder head fins and blower housing.

Important: You can wash the machine with mild detergent and water. Do not pressure wash the machine. Avoid excessive use of water, especially near the engine.

2. For long-term storage (more than 90 days) add stabilizer/conditioner additive to fuel in the tank.
 - A. Run the engine to distribute conditioned fuel through the fuel system (5 minutes).
 - B. Either stop engine, allow it to cool, and drain the fuel tank, or operate the engine until it stops.
 - C. Start the engine again and run it until it stops. Repeat, with the choke on, until the engine will not start.
 - D. Dispose of fuel properly. Recycle it according to local codes.
3. Check and tighten all bolts, nuts, and screws. Repair or replace any part that is damaged or defective.
4. Paint all scratched or bare metal surfaces.

Note: Paint is available from your Authorized Service Dealer.

5. Store the machine in a clean, dry garage or storage area. Cover the machine to protect it and keep it clean.

Notes:

International Distributor List

Distributor:	Country:	Phone Number:	Distributor:	Country:	Phone Number:
Agrolanc Kft	Hungary	36 27 539 640	Maquiver S.A.	Colombia	57 1 236 4079
Balama Prima Engineering Equip.	Hong Kong	852 2155 2163	Maruyama Mfg. Co. Inc.	Japan	81 3 3252 2285
B-Ray Corporation	Korea	82 32 551 2076	Mountfield a.s.	Czech Republic	420 255 704 220
Casco Sales Company	Puerto Rico	787 788 8383	Mountfield a.s.	Slovakia	420 255 704 220
Ceres S.A.	Costa Rica	506 239 1138	Munditol S.A.	Argentina	54 11 4 821 9999
CSSC Turf Equipment (pvt) Ltd.	Sri Lanka	94 11 2746100	Norma Garden	Russia	7 495 411 61 20
Cyril Johnston & Co.	Northern Ireland	44 2890 813 121	Oslinger Turf Equipment SA	Ecuador	593 4 239 6970
Cyril Johnston & Co.	Republic of Ireland	44 2890 813 121	Oy Hako Ground and Garden Ab	Finland	358 987 00733
Equiver	Mexico	52 55 539 95444	Parkland Products Ltd.	New Zealand	64 3 34 93760
Femco S.A.	Guatemala	502 442 3277	Perfetto	Poland	48 61 8 208 416
ForGarder OU	Estonia	372 384 6060	Pratoverde SRL.	Italy	39 049 9128 128
G.Y.K. Company Ltd.	Japan	81 726 325 861	Prochaska & Cie	Austria	43 1 278 5100
Geomechaniki of Athens	Greece	30 10 935 0054	RT Cohen 2004 Ltd.	Israel	972 986 17979
Golf international Turizm	Turkey	90 216 336 5993	Riversa	Spain	34 9 52 83 7500
Guandong Golden Star	China	86 20 876 51338	Lely Turfcare	Denmark	45 66 109 200
Hako Ground and Garden	Sweden	46 35 10 0000	Solvart S.A.S.	France	33 1 30 81 77 00
Hako Ground and Garden	Norway	47 22 90 7760	Spypros Stavrinides Limited	Cyprus	357 22 434131
Hayter Limited (U.K.)	United Kingdom	44 1279 723 444	Surge Systems India Limited	India	91 1 292299901
Hydroturf Int. Co Dubai	United Arab Emirates	97 14 347 9479	T-Markt Logistics Ltd.	Hungary	36 26 525 500
Hydroturf Egypt LLC	Egypt	202 519 4308	Toro Australia	Australia	61 3 9580 7355
Irrimac	Portugal	351 21 238 8260	Toro Europe NV	Belgium	32 14 562 960
Irrigation Products Int'l Pvt Ltd.	India	0091 44 2449 4387	Valtech	Morocco	212 5 3766 3636
Jean Heybroek b.v.	Netherlands	31 30 639 4611	Victus Emak	Poland	48 61 823 8369

European Privacy Notice

The Information Toro Collects

Toro Warranty Company (Toro) respects your privacy. In order to process your warranty claim and contact you in the event of a product recall, we ask you to share certain personal information with us, either directly or through your local Toro company or dealer.

The Toro warranty system is hosted on servers located within the United States where privacy law may not provide the same protection as applies in your country.

BY SHARING YOUR PERSONAL INFORMATION WITH US, YOU ARE CONSENTING TO THE PROCESSING OF YOUR PERSONAL INFORMATION AS DESCRIBED IN THIS PRIVACY NOTICE.

The Way Toro Uses Information

Toro may use your personal information to process warranty claims, to contact you in the event of a product recall and for any other purpose which we tell you about. Toro may share your information with Toro's affiliates, dealers or other business partners in connection with any of these activities. We will not sell your personal information to any other company. We reserve the right to disclose personal information in order to comply with applicable laws and with requests by the appropriate authorities, to operate our systems properly or for our own protection or that of other users.

Retention of your Personal Information

We will keep your personal information as long as we need it for the purposes for which it was originally collected or for other legitimate purposes (such as regulatory compliance), or as required by applicable law.

Toro's Commitment to Security of Your Personal Information

We take reasonable precautions in order to protect the security of your personal information. We also take steps to maintain the accuracy and current status of personal information.

Access and Correction of your Personal Information

If you would like to review or correct your personal information, please contact us by email at legal@toro.com.

Australian Consumer Law

Australian customers will find details relating to the Australian Consumer Law either inside the box or at your local Toro Dealer.



The Toro Total Coverage Guarantee

A 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 two years or 1500 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:

Commercial Products Service Department
Toro Warranty Company
8111 Lyndale Avenue South
Bloomington, MN 55420-1196
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. 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 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. A separate warranty may be provided by the manufacturer of these items.
- Product failures which result from failure to perform recommended maintenance and/or adjustments. Failure to properly maintain your Toro product per the Recommended Maintenance listed in the *Operator's Manual* can result in claims for warranty being denied.
- 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, brakes pads and linings, clutch linings, blades, reels, bed knives, tines, castor wheels, tires, filters, belts, and certain sprayer components such as diaphragms, nozzles, and check valves, 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, fertilizers, water, or chemicals, etc.

- 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, etc.

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.

Note Regarding Deep Cycle Battery Warranty:

Deep cycle 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. Battery replacement may be required during the normal product warranty period at owner's expense.

Maintenance is at Owner's Expense

Engine tune-up, lubrication cleaning and polishing, replacement of Items and Conditions Not Covered 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.

Countries Other than the United States or Canada

Customers 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.