FORM NO. 3320–826 EN

TORO®

MODEL NO. 20183B – 4900001 & UP

OPERATOR'S MANUAL

# 46 CM RECYCLER®
## MOWER

ENGLISH

## ⚠ SAFETY INSTRUCTIONS

**Improper use or maintenance of this mower by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and always pay attention to the safety alert symbol ⚠. Failure to comply with these instructions may result in personal injury.**

**WARNING:** Engine exhaust contains carbon monoxide which is an odorless, deadly poison. Carbon monoxide is also known to the State of California, U.S.A., to cause birth defects. Do not run engine indoors or in an enclosed area.

### BEFORE OPERATING

**1.** Read this manual carefully before operating the mower. Become familiar with the controls and proper use of the mower. Never allow children under 16 years of age to operate the mower. Never allow adults to operate mower without proper instructions.

**2.** The operator of the mower is responsible for keeping everyone, especially children and pets, away from area of operation. Thoroughly inspect area where mower will be used and remove sticks, stones, wire, and debris that could be picked up and thrown by mower. Watch for foreign objects while mowing.

**3.** Wear long pants and substantial shoes. Do not operate mower while wearing open-toed shoes, jewelry, loose clothing or when barefoot.

**4.** Check fuel level before starting engine. Do not fill fuel tank indoors, when the engine is running, or until engine cools for several minutes after running. Wipe up spilled gasoline before starting engine.

**5.** Keep all guards, shields, and safety devices in place. Repair or replace damaged parts, including decals. Check all safety devices before each use.

**6.** Because fuel is highly flammable, handle it carefully.

- **A.** Use an approved container.
- **B.** Fill fuel tank outdoors, not indoors. **NEVER ADD FUEL TO AN ENGINE THAT IS RUNNING OR HOT.**
- **C.** Install gas cap on fuel container and gas tank, and wipe up any spilled gasoline before starting engine.

### WHILE OPERATING

**7.** Do not run engine indoors.

**8.** Do not upend mower when starting engine. If necessary, tilt mower so that blade points away from operator and bystanders.

**9.** Always maintain secure footing. Keep a firm grip on the handle and walk; never run. Never operate mower in wet grass. Mow only in daylight or in good artificial light.

**10.** Mow across the face of slopes; never up and down. Use extreme caution when changing direction on slopes. Wear skid resistant shoes on slopes. Do not mow excessively steep slopes.

**11.** Always wear safety glasses or eye shields during operation to protect eyes from foreign objects that may be thrown from the machine.

**12.** Keep face, hands, and feet away from the mower housing and cutter blade when the engine is running. Blade can cause injury to hands and feet.

**13.** Since the blade rotates for a few seconds after the engine is shut off, stay behind the handle until all moving parts stop.

**14.** After striking a foreign object or if mower vibrates abnormally, stop engine and remove wire from spark plug. Check mower for damage and make all repairs before using mower again. If major repairs are ever needed or if assistance is desired, contact your local Authorized TORO Service Dealer.

**15.** Stop the engine and wait for all moving parts to stop before adjusting the height–of–cut.

**16.** Stop the blade when pushing the mower outside the lawn area.

**17.** Stop engine before leaving the operator's position—behind the handle. Disconnect wire from spark plug if mower will be unattended.

**18.** Do not touch engine while it is running or shortly after it is stopped because engine will be hot enough to cause a burn.

**19.** If mower must be lifted to be transported, turn off engine and stay behind the handle until all moving parts stop.

### MAINTENANCE

**20.** Perform only those maintenance instructions described in this manual. If major repairs are ever needed or if assistance is desired, contact your local Authorized TORO Service Dealer.

©The Toro Company–1993
All Rights Reserved

# SAFETY INSTRUCTIONS

**21.** Before mower is cleaned, inspected, serviced, or adjusted, stop engine and disconnect wire from spark plug. Keep wire away from plug to prevent accidental starting.

**22.** To assure the mower is in safe operating condition, frequently check and keep all nuts, bolts, and screws tight. Ensure blade bolt is tightened to 50 ft–lb (68 N·m).

**23.** When servicing blade, refer to blade maintenance section for correct installation and servicing procedures.

**24.** To reduce fire hazard, keep engine free of excessive grease, grass, leaves, and accumulations of dirt.

**25.** Do not overspeed the engine by changing governor settings.

**26.** Allow engine to cool before storing mower in any enclosure. Do not store mower near any open flame or where gasoline fumes may be ignited by a spark.

**27.** At the time of manufacture, the mower conformed to the safety standards in effect for rotary mowers. To assure optimum performance and continued safety certification of the mower, use genuine TORO replacement parts and accessories. Replacement parts and accessories made by other manufacturers may result in non-conformance with the safety standards, and that could be dangerous.

# SAFETY SYMBOL GLOSSARY



**Safety alert**



**Keep hands and feet away from rotating blade**



**Read and understand operator's manual**



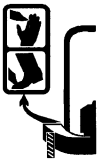

**Stop engine before leaving operator position**



**Keep all guards in place**




**Keep bystanders from area being mowed**



**Do not stick hands or feet into discharge tunnel**



**Choke on**



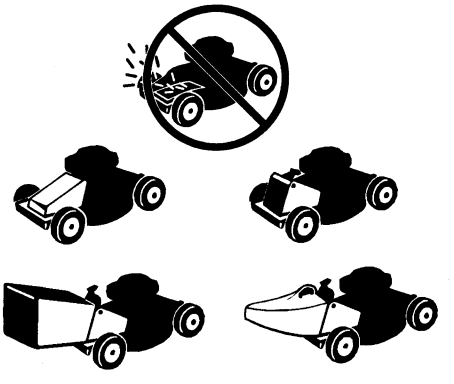
**Ignition off**



**Fast**



**Slow**



**Never operate mower unless discharge tunnel cover, discharge tunnel plug, grass bar or side discharge attachment is installed**

# TABLE OF CONTENTS


| | Page |
|---|---|
| Set–Up Instructions | 3 |
| Before Operating | 4 |
| Recycling Tips | 5 |
| Operating Instructions | 6 |
| Maintenance | 7 |
| Servicing Air Cleaner | 7 |
| Replacing Spark Plug | 7 |
| Draining Gasoline | 8 |
| Changing Crankcase Oil | 8 |
| Adjusting Throttle | 8 |
| Inspecting/Removing/Sharpening Blade | 9 |
| Lubrication | 9 |
| Cleaning Mower Housing | 10 |
| Preparing Mower For Storage | 10 |
| Product Identification | 11 |
| Toro Service Support | 11 |


# SET–UP INSTRUCTIONS

### INSTALL HANDLE

**Note:** Determine left and right sides of mower by standing in the normal operator's position.

**1.** LOWER HANDLE—Push bushings through bottom holes of lower handle (Fig. 1).

**2.** Squeeze ends of lower handle together and install on pivot pins (Fig. 1).

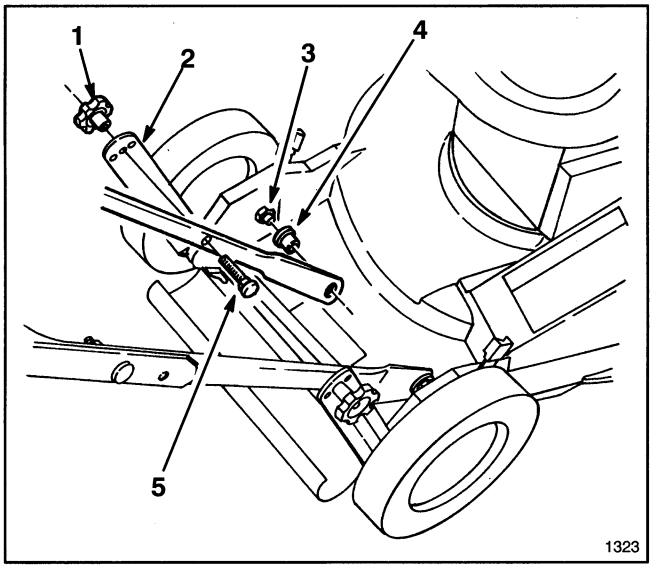



**Figure 1**

1. **Knob**
2. **Handle latch**
3. **Pivot pin**
4. **Bushing**
5. **Carriage bolt**

**3.** Position handle latches (Fig. 1) so that holes in latches align with holes in handle.

**4.** Insert carriage bolts through holes in handle and handle latches. Install knobs on outside of handle and tighten securely (Fig. 1).

**Note:** Handle height can be adjusted for operator comfort by positioning handle bolts and knobs in one of three holes in handle latches.

**5.** UPPER HANDLE (Fig. 2)—Secure upper and lower handles in place with handle bolts and nuts. Position nuts on inside of handle.

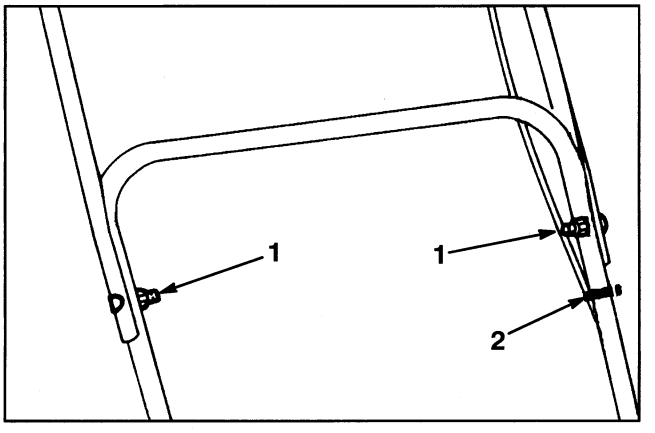



**Figure 2**

1. **Handle bolts and nuts**
2. **Cable tie**

**6.** Ensure control cable is positioned to the rear of handles. Secure control cable to handle with cable tie (Fig. 2).

### INSTALL STARTER ROPE

**1.** Pull recoil rope through rope guide on handle (Fig. 3).

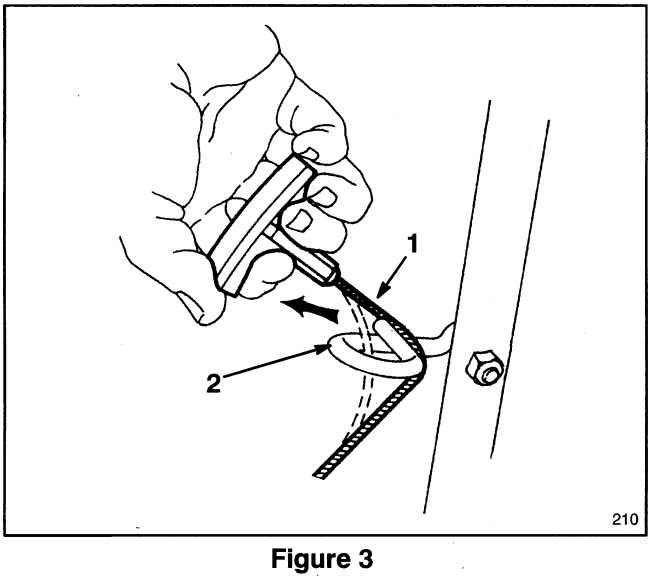



**Figure 3**

1. **Recoil rope**
2. **Rope guide**

# BEFORE OPERATING

## FILL CRANKCASE WITH OIL

Initially, crankcase must be filled with 20 ounces (0.6 liters) of SAE 30 oil. 10W–30 oil may be substituted if SAE 30 is not available. Use any high quality detergent oil having the American Petroleum Institute (API) "service classification"—SF, SG or SH.

Before each use, ensure oil level is between FULL and ADD marks on dipstick (Fig. 4). Add oil if level is low.

**1.** Position mower on level surface and clean around oil dipstick (Fig. 4).

**2.** Remove dipstick by rotating cap counterclockwise 1/4 turn.

**3.** Wipe dipstick and insert it into filler neck. Rotate cap clockwise 1/4 turn. Then remove dipstick and check level of oil on side of dipstick with FULL and ADD marks (Fig. 4). If level is low, add only enough oil to raise level to FULL mark on dipstick. **DO NOT FILL ABOVE FULL MARK BECAUSE ENGINE COULD BE DAMAGED WHEN STARTED. POUR OIL SLOWLY.**

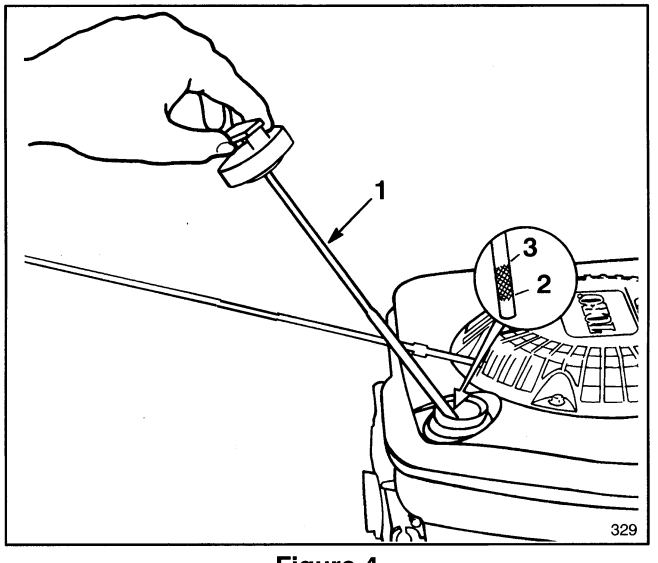



**Figure 4**

**1. Dipstick** **2. ADD mark** **3. FULL mark**

**4.** Insert dipstick into filler neck and rotate cap clockwise 1/4 turn to lock.

**Note:** Check oil level each time mower is used or after every 5 operating hours. Initially, change oil after the first 2 hours of operation; thereafter, change oil after every 25 hours of operation. More frequent oil changes are required in dusty or dirty conditions.

## FILL FUEL TANK WITH GASOLINE

**WARNING**

- **In certain conditions gasoline is extremely flammable and highly explosive.**
- **A fire or explosion from gasoline can burn you, others, and cause property damage.**
- **Use a funnel and 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 1/4" to 1/2" (6 mm to 13 mm) below the bottom of the filler neck. This empty space in the tank allows 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.**

**Note**: The Toro Company strongly recommends the use of fresh, clean, **UNLEADED** regular grade gasoline in Toro gasoline powered products. Unleaded gasoline burns cleaner, extends engine life, and promotes good starting by reducing the build–up of combustion chamber deposits. Leaded gasoline can be used if unleaded is not available.

**1.** Clean around fuel tank cap and remove cap from tank. Do not fill tank full. Using unleaded gasoline, fill fuel tank to within 6 to 13 mm (1/4 to 1/2 inch) from top of tank, not into the filler neck.

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

Toro also recommends that Toro Stabilizer/Conditioner be used regularly in all Toro gasoline powered products during operation and storage seasons. Toro Stabilizer/Conditioner cleans the engine during operation and prevents gum-like varnish deposits from forming in the engine during periods of storage.

**IMPORTANT: Do not mix oil with the gasoline. Never use methanol, gasoline containing methanol, gasohol containing more than 10% ethanol, premium gasoline or white gas because engine fuel system damage could result.**

**Do not use fuel additives other than those manufactured for fuel stabilization during storage such as Toro's Stabilizer/Conditioner or a similar product. Toro's Stabilizer/Conditioner is a petroleum distillate based conditioner/stabilizer. Toro does not recommend stabilizers with an alcohol base such as ethanol, methanol or isopropyl. Additives should not be used to try to enhance the power or performance of machine.**

# RECYCLING TIPS

## GENERAL TIPS

Follow these instructions whether cutting grass or leaves for the best cutting results and lawn appearance:

- Maintain a **sharp blade** throughout the cutting season. Periodically file down nicks on blade.
- **Only mow dry grass or leaves.** Wet grass and leaves tend to clump on yard and may cause mower to plug or engine to stall. They also may be slippery to walk on and could cause you to slip and fall.

**⚠ WARNING**

- **Wet grass or leaves can cause you to slip and contact blade.**
- **Blade contact can seriously injure you.**
- **Mow only in dry conditions.**

- Set engine speed to fastest position. Maximum horsepower provides best cutting results.
- Clean clippings or leaves from underside of mower deck after each mowing.
- Keep engine in good running condition. Cutting and recutting requires more horsepower.
- Clean air filter more frequently. Cutting and recutting stirs up more clippings and dust which clogs the air filter and reduces engine performance.

## CUTTING GRASS

- Grass grows at different rates at different times of the year. In the heat of the summer, it is generally best to cut grass at the C, D or E height-of-cut settings. Only about 1/3 of the grass blade should be cut off. Cutting below the C setting is not recommended unless grass is sparse or it is late fall when grass growth begins to slow down.
- When cutting grass over six inches tall, you may want to first mow using the highest height-of-cut setting and a slower walking speed; then mow again at a lower setting for best lawn appearance. If grass is too long and leaves clumps on top of lawn, mower may plug and cause engine to stall.
- Alternate mowing direction. This helps disperse clippings over lawn for even fertilization.

If the finished cut lawn appearance is unsatisfactory, try one or more of the following:

- Sharpen the blade.
- Walk at a slower pace while mowing.
- Raise the height-of-cut setting on your mower.
- Cut grass more frequently.
- Overlap cutting swaths instead of cutting a full swath with each pass.
- Mow across the marginal areas a second time.
- Set height-of-cut on front wheels one notch lower than rear wheels. (example: set front wheels at “C” setting and rear wheels at “D” setting)

## CUTTING LEAVES

- When cutting is complete, always be sure that 50% of the lawn shows through the cut leaf cover. This may require one or more passes over the leaves.
- For light leaf coverage, position all wheels at the same height-of-cut setting.
- If there are more than five inches of leaves on lawn, set the front wheels one or two notches higher than the rear wheels. This makes it easier to feed leaves under mower deck.
- Walk at a slower mowing speed if leaves are not being cut up finely enough to be hidden down in the grass.
- If you cut up a lot of oak leaves, you might want to add lime to your grass in the spring. Lime reduces the acidity of oak leaves.

# OPERATING INSTRUCTIONS

## STARTING AND STOPPING

CONTROLS—Throttle and recoil starter are on upper handle (Fig. 5).

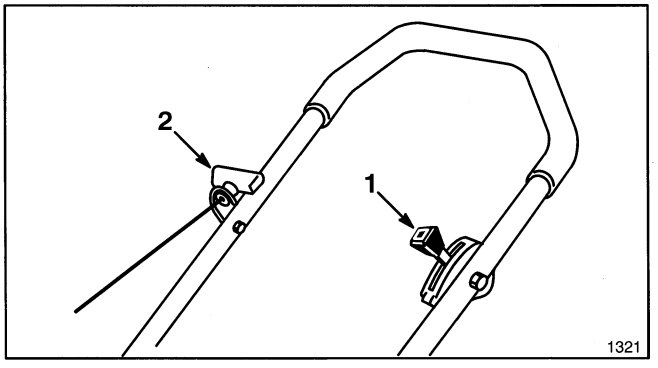



**Figure 5**

1. **Throttle** 2. **Recoil starter**

**1.** Push spark plug wire onto spark plug (Fig. 6).

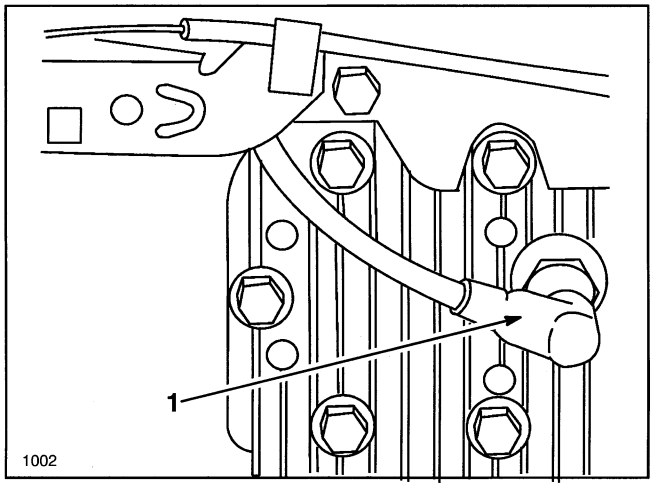



**Figure 6**

1. **Spark plug wire**

**2.** STARTING—Move throttle forward to ⛽ (CHOKE) position. Pull recoil starter out until slack in rope is taken up. Then pull vigorously to start the engine. When engine starts, move throttle to 🐇 (FAST) position or regulate engine speed as desired.

**3.** STOPPING—To stop engine, move throttle rearwards to ⊗ (ENGINE OFF) position. Pull wire off spark plug if mower will be unattended or not used.

## SETTING HEIGHT-OF-CUT

Toro's exclusive SmartWheel™ provides a simple method for determining the proper cutting height.

The SmartWheel has two cutting scales — SPARSE/NORMAL and LUSH — to ensure the best height-of-cut setting in any mowing condition. Use the SPARSE/NORMAL scale during the warm summer season for the majority of your mowing. The LUSH scale is for thick, moist, succulent grass that grows most often in the spring.

In general, it is recommended that:

- Grass length should usually be cut at the C, D or E settings or **MAINTAINED** at two to three inches in height.
- Cutting below the C setting is not recommended unless grass is sparse or it is late fall when grass growth begins to slow down. When cutting long grass, you may need to use a higher height-of-cut setting and a slower walking speed; then recut the grass at a more normal setting. If grass is too long and leaves clumps on top of lawn, mower may plug and cause engine to stall.
- The SmartWheel calculates the proper setting to ensure that no more than 1/3 of the grass blade is cut off.

**⚠ DANGER**

- **Adjusting height-of-cut levers could bring hands into contact with moving blade.**
- **Contact with moving blade could cause serious personal injury.**
- **Do not adjust height-of-cut settings when engine is running and blade is rotating.**
- **Do not put fingers under housing to lift mower when adjusting height-of-cut levers.**

**1.** Before starting the engine and beginning to mow, push the mower into the grass. Stop when the letters on the SmartWheel design on the rear left wheel are upright (Fig. 7).

**2.** Using the coded SmartWheel design (Fig. 7), compare the tips of the grass blades to the letters on the wheel. Whichever letter the tips of the grass blades correspond with is the proper cutting height.

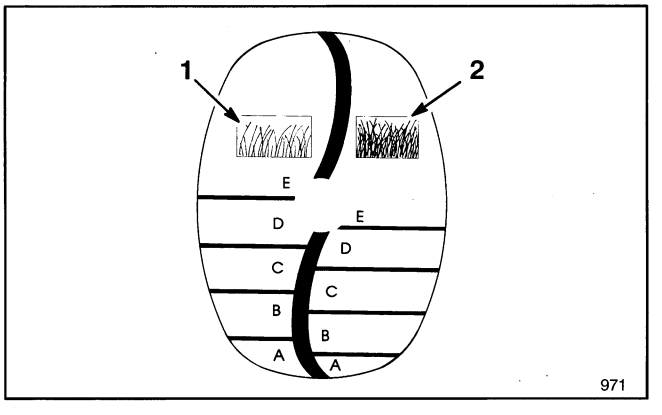



**Figure 7**

1. **Sparse/normal grass cutting scale** 2. **Lush grass cutting scale**

# OPERATING INSTRUCTIONS

**3.** Squeeze the mower's height-of-cut lever toward the wheel and move it to the corresponding letter on the mower housing (Fig. 8). For easier adjustment, lift housing up so wheel is off ground. **Do not put fingers under housing when lifting.** Ensure pin on height-of-cut lever engages slot in housing. Adjust all wheels to the same letter setting.

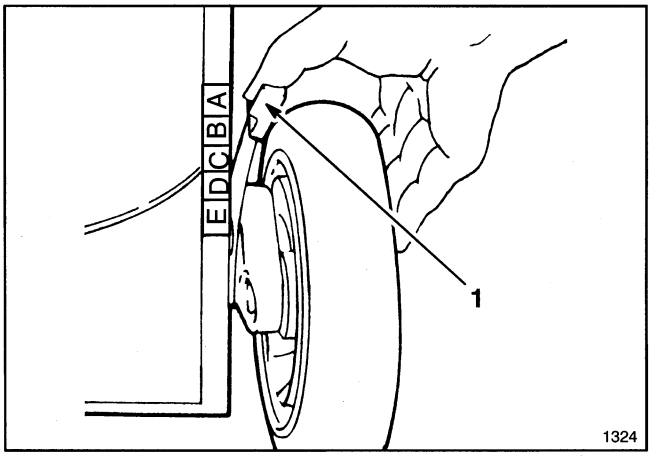



**Figure 8**

1. **Height-of-cut lever**

# MAINTENANCE

> **⚠ CAUTION**
>
> - **Engine could be started accidentally.**
> - **Accidental starting of engine could cause serious injury to operator or bystanders.**
> - **Pull wire off spark plug before performing any maintenance or adjustments.**

### SERVICING AIR CLEANER

Normally, replace air cleaner after every 25 operating hours. More frequent replacing is required when mower is operated in dusty or dirty conditions. See your Authorized Toro Service Dealer for replacement parts.

**1.** Stop engine and pull wire off spark plug (Fig. 6).

**2.** Remove screw securing air cleaner cover to engine (Fig. 9). Tilt cover down and clean cover thoroughly.

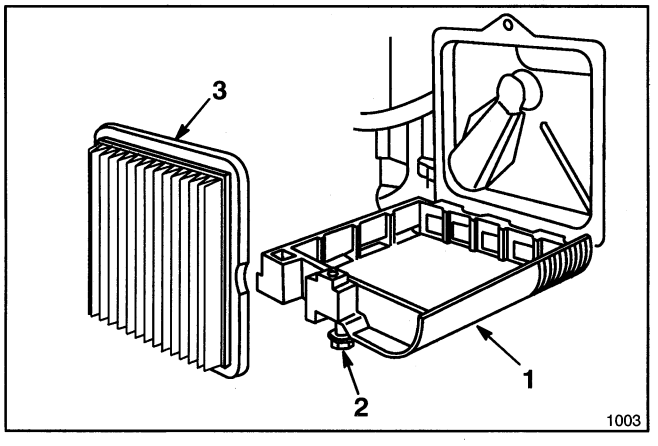



**Figure 9**

1. **Cover** 2. **Screw** 3. **Paper filter**

**3.** Remove paper air cleaner filter (Fig. 9) and discard.

**4.** Insert a new paper air cleaner filter.

**5.** Reinstall air cleaner cover and secure with screw.

**IMPORTANT: Do not operate engine without air cleaner filter otherwise extreme engine wear and damage will likely result.**

### REPLACING SPARK PLUG

Use a Champion RJ19LM spark plug or equivalent. Correct air gap is 0.76 mm (0.030"). Remove plug after every 25 operating hours and check its condition.

**1.** Stop engine and pull wire off spark plug (Fig. 6).

**2.** Clean around spark plug and remove plug from cylinder head.

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

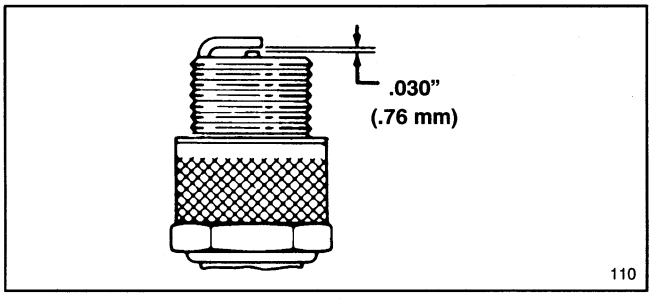



**Figure 10**

**3.** Set air gap at 0.76 mm (0.030") (Fig. 10). Install correctly gapped spark plug and gasket seal. Tighten plug firmly to 20 N·m (15 ft–lb).

# MAINTENANCE

## DRAINING GASOLINE

**1.** Stop engine and wait for engine to cool. Pull wire off spark plug (Fig. 6).

**Note:** Drain gasoline from a cold engine only.

**2.** Remove cap from fuel tank and use pump-type syphon to drain fuel into clean gas can.

**Note:** This is the only procedure recommended for draining fuel.

## CHANGING CRANKCASE OIL

Change oil after the first 2 operating hours and after every 25 hours thereafter. Since warm oil drains better and carries more contaminants than cold, run engine for several minutes or so before draining oil.

**1.** Stop engine and pull wire off spark plug (Fig. 12).

**2.** Drain gasoline from fuel tank: refer to Draining Gasoline, page 8.

**3.** Tip mower on its right side (Fig. 11).

**4.** Place a drain pan under mower.

**5.** Remove drain plug from underside of mower using a 3/8" square drive (Fig. 11).

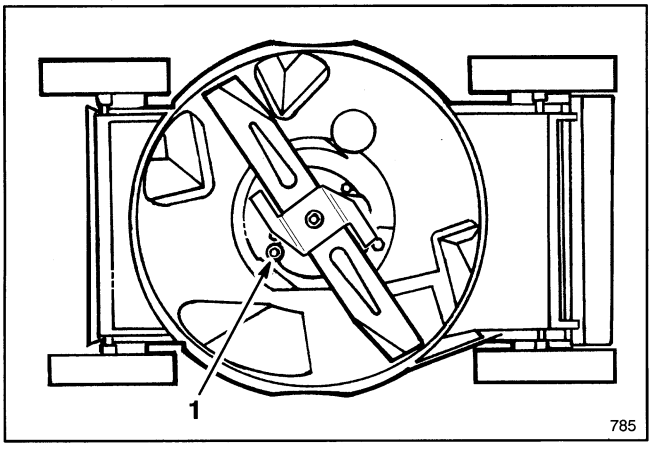



**Figure 11**

1. **Oil drain plug**

**6.** Lower mower allowing oil to drain into pan.

**7.** After draining, clean drain plug and reinstall it.

**8.** Set mower upright.

**9.** Wipe up any spilled oil.

**10.** Fill engine with fresh oil: refer to Fill Crankcase With Oil, page 4.

## ADJUSTING THROTTLE

Throttle control adjustment may be required if engine does not start. Whenever a new throttle control cable is installed, throttle must be adjusted.

**1.** Stop engine and pull wire off spark plug (Fig.12).

**2.** Move throttle control to (FAST).

**3.** Loosen cable clamp screw until throttle cable slides (Fig. 12). Align holes in throttle lever and throttle bracket using a 1/8" diameter drill (Fig. 13). Tighten cable clamp screw to lock adjustment in place.

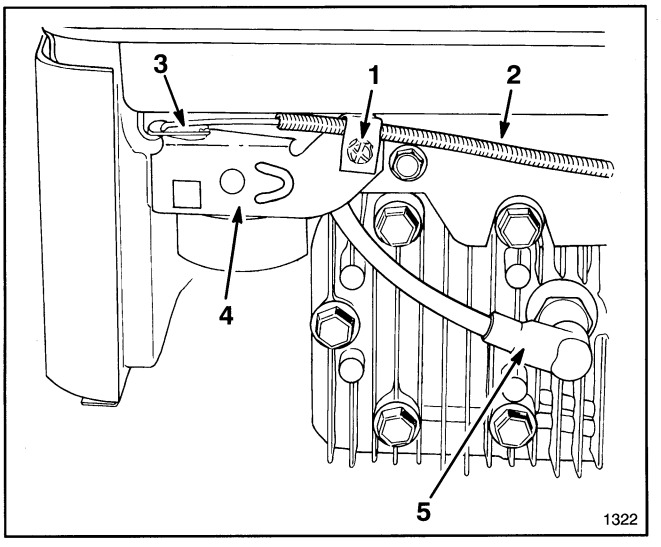



**Figure 12**

1. **Cable clamp screw**
2. **Throttle cable**
3. **Throttle lever**
4. **Throttle bracket**
5. **Spark plug wire**

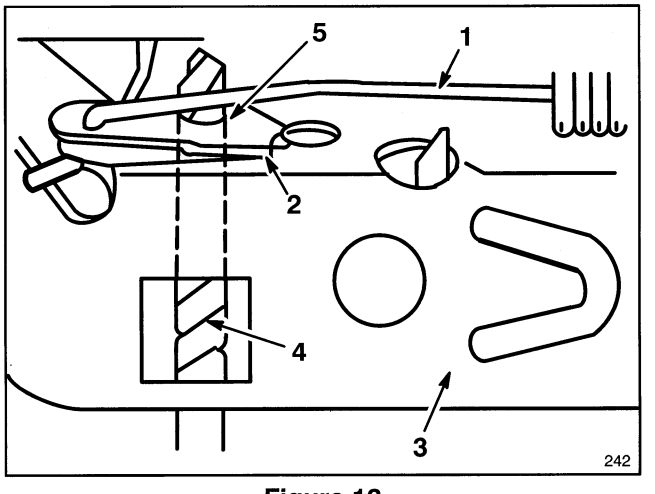



**Figure 13**

1. **Throttle cable**
2. **Throttle lever**
3. **Throttle bracket**
4. **Drill**
5. **Aligned holes**

# MAINTENANCE

### INSPECTING/REMOVING/SHARPENING BLADE

**1.** Stop engine and pull wire off spark plug (Fig. 12).
**2.** Drain gasoline from fuel tank; refer to Draining Gasoline, page 8.
**3.** Tip mower on its right side (Fig. 14).
**4.** INSPECTING BLADE—Carefully examine blade for sharpness and wear, especially where flat and curved parts meet (Fig. 15A). Since sand and abrasive material can wear away the metal that connects the flat and curved parts of the blade, check blade before using the mower. If a slot or wear is noticed, (Fig. 15B & C), replace blade with a new TORO blade. Refer to step 5.

**Note:** For optimum performance, install a new TORO blade before cutting season begins. During the year, file down small nicks to maintain the cutting edge.

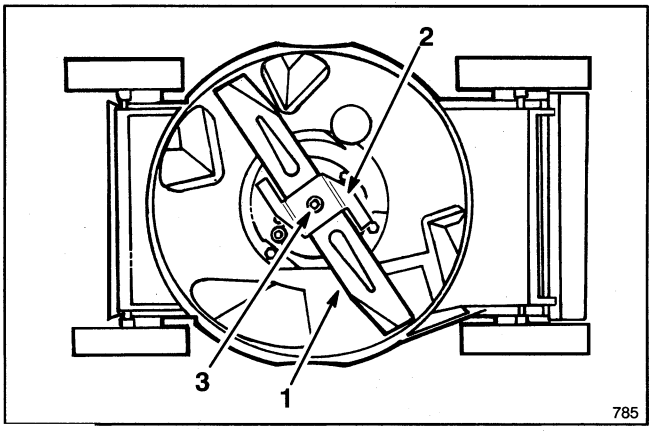



**Figure 14**

1. Blade
2. Accelerator
3. Blade bolt and lockwasher

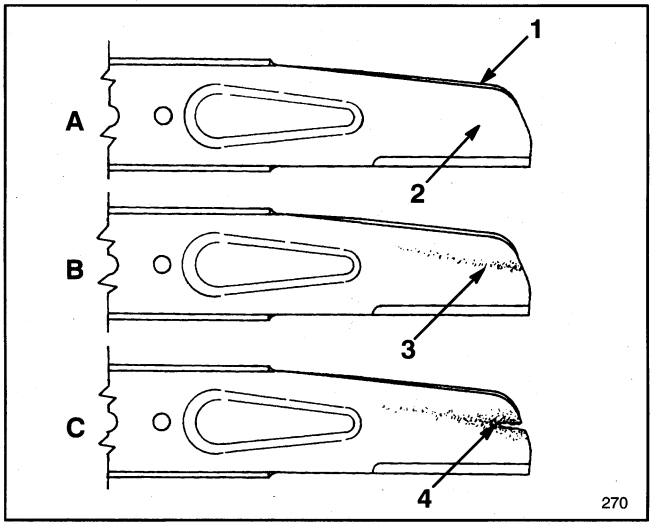



**Figure 15**

1. Sail
2. Flat part of blade
3. Wear
4. Slot formed

**⚠ DANGER**

- **A worn or damaged blade could break and a piece of blade could be thrown into operator's or bystander's area.**
- **A thrown piece of blade could cause serious personal injury or death to operator or bystanders.**
- **Inspect blade periodically for wear or damage.**
- **Replace a worn or damaged blade.**

**5.** REMOVING BLADE—Grasp end of blade using a rag or thickly padded glove. Remove blade bolt, lockwasher, accelerator and blade (Fig. 14).
**6.** SHARPENING BLADE—Using a file, sharpen top side of blade (side facing top of mower housing) and maintain original cutting angle (Fig. 16). The blade remains balanced if the same amount of material is removed from both cutting edges.

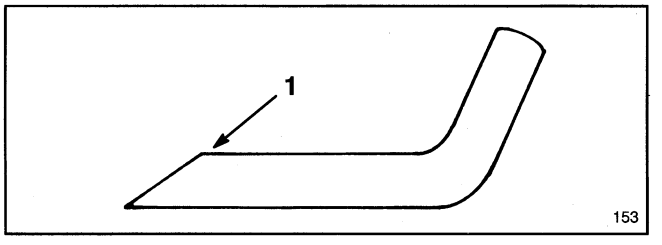



**Figure 16**

1. Sharpen at this angle only

**IMPORTANT: Check balance of blade by putting it on a blade balancer. An inexpensive balancer can be purchased at a hardware store. A balanced blade stays in a horizontal position and an unbalanced blade settles to the heavy side. If blade is not balanced, file more metal off cutting edge on heavy end of blade.**

**7.** Install sharp, balanced TORO blade, accelerator, lockwasher and blade bolt. Sail part of blade must point toward top of mower housing to ensure correct installation. Tighten blade bolt to 68 N·m (50 ft–lb).

### LUBRICATION

After every 25 operating hours or when season ends, front and rear wheels must be lubricated.
**1.** Apply 2 or 3 drops of light oil on inside and outside of all wheel bolts. Spin wheels to distribute oil into bushings. Wipe up excess oil.

# MAINTENANCE

## CLEANING MOWER HOUSING

### Underside of Mower Housing

To ensure best performance, keep underside of mower housing clean. Be especially careful to keep kickers free of debris (Fig. 18).

***Washing Method***

After every use, follow this procedure for washing debris out from the underside of the mower housing.

**1.** Position mower on a flat, concrete or asphalt surface near a garden hose.

**2.** Start the engine.

**3.** Hold a running garden hose at handle level and direct water to flow on ground just in front of right rear tire (Fig. 17). The rotating blade will draw water under the housing and wash out clippings. Let the water run for a few minutes or until you no longer see clippings being washed out from under housing.

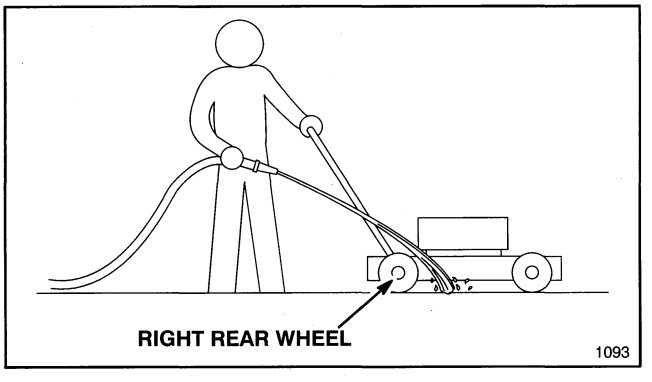



**Figure 17**

**4.** Stop the engine.

**5.** Turn off the garden hose.

**6.** IMPORTANT—Restart mower and let it run for a few minutes to dry out moisture on the mower and its components.

***Scraping Method***

If washing does not remove all debris from under deck, tip mower and scrape it clean.

**1.** Stop engine and pull wire off spark plug (Fig. 12).

**2.** Drain gasoline from fuel tank: refer to Draining Gasoline, page 8.

**3.** Tip mower on its right side (Fig. 18).

**4.** Remove dirt and grass clippings with a hardwood scraper. Avoid burrs and sharp edges.

**5.** Turn mower upright.

**6.** Refill gas tank.

**7.** Reconnect spark plug wire.

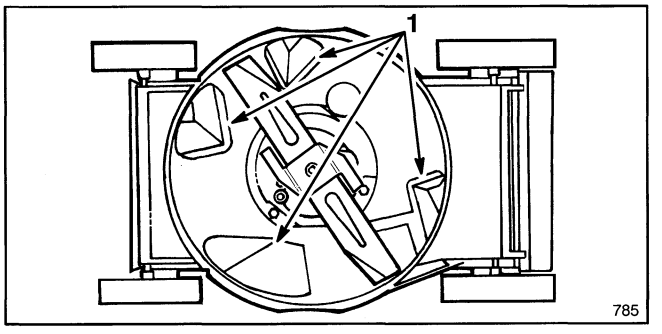



**Figure 18**
**1. Kickers**

## PREPARING MOWER FOR STORAGE

**1.** For long term storage, it is recommended that gasoline be drained from fuel tank or use a fuel additive before storing. To drain gasoline, refer to Draining Gasoline, page 8. After fuel is drained, start engine and let it idle until all fuel is consumed and engine stops. If gasoline is not drained, gum–like varnish deposits will form and cause poor engine operation or even starting problems.

Fuel can be left in gas tank only if a fuel additive, such as Toro's Stabilizer/Conditioner, is added to gasoline and run through engine before storing. Toro's Stabilizer/Conditioner is a petroleum distillate based conditioner/stabilizer. Toro does not recommend stabilizers with an alcohol base, such as ethanol, methanol or isopropyl. Use fuel additive in recommended quantities as specified on container.

Under normal conditions, fuel additives remain effective in fuel for 6-8 months.

**2.** Drain oil: refer to Changing Crankcase Oil, page 8. After oil is drained, do not fill crankcase with oil until the following steps (3–10) are completed.

**3.** Remove spark plug and pour 30 ml (2 tablespoons) of SAE 30 or 10W-30 oil into hole in cylinder. Pull starter rope slowly to coat inside of cylinder. Install spark plug and tighten to 15 ft–lb (20 N·m). **DO NOT INSTALL WIRE ON SPARK PLUG.**

**4.** Clean mower housing; refer to Cleaning Mower Housing, page 10.

**5.** Check condition of blade; refer to Inspecting/Removing/Sharpening Blade, page 9.

**6.** Tighten all nuts, bolts, and screws.

**7.** Clean dirt, chaff, grass clippings, and grime from external parts of the engine, shrouding, and top of mower housing.

**8.** Clean air cleaner; refer to Servicing Air Cleaner, page 7.

**9.** Lubricate the wheels; refer to Lubrication, page 9.

**10.** Touch up all rusted or chipped paint surfaces. Toro Re–Kote paint is available from an Authorized TORO Service Dealer.

**11.** Fill crankcase with oil; refer to Fill Crankcase With Oil, page 4.

**12.** Store mower in a clean, dry place. Cover mower to keep it clean and protected.

# PRODUCT IDENTIFICATION

A model and a serial number decal is located on the rear of mower housing. Always refer to specific numbers on this decal in correspondence or when replacement parts are needed.

# TORO SERVICE SUPPORT

If help – concerning safety, set–up, operation, maintenance, or troubleshooting – is ever needed, contact the local Authorized TORO Service Dealer or Distributor. In addition to skilled service technicians, the dealer and distributor have factory approved accessories and replacement parts. Keep your Toro all TORO. Buy genuine TORO replacement parts and accessories.


TORO®