Form No. 3353-459 Rev A

53cm Super Recycler®

Lawn Mower

Model No. 20793—Serial No. 250000001 and Up
Model No. 20795—Serial No. 250000001 and Up

Operator's Manual

Introduction

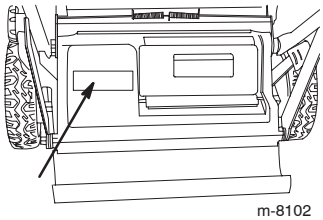
Read this manual carefully to learn how to operate and maintain your product properly and to avoid injury and product damage. You are responsible for operating the product properly and safely.

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 and have the model and serial numbers of your product ready. The illustration below identifies the location of the model and serial numbers on the product. Write the numbers in the space provided below:

Model #:

Serial #:



m-8102

This manual identifies potential hazards and has safety messages identified by the following words:

- **Danger** signals an extreme hazard that **will** cause serious injury or death if you do not follow the recommended precautions.
- **Warning** signals a hazard that **may** cause serious injury or death if you do not follow the recommended precautions.
- **Caution** signals a hazard that may cause minor or moderate injury if you do not follow the recommended precautions.

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

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 this 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.

Ce système d'allumage par étincelle de véhicule est conforme à la norme NMB-002 du Canada.

The enclosed Engine Owner's Manual is supplied for information regarding The U.S. Environmental Protection Agency (EPA) and the California Emission Control Regulation of emission systems, maintenance and warranty. Replacements may be ordered through the engine manufacturer.

Safety

This lawn mower meets or exceeds the EN 836 and the ISO 5395 standards in effect at the time of production.

Read and understand the contents of this manual before the engine is ever started.

⚠ This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Improperly using or maintaining this mower could result in injury or death. To reduce this potential, comply with the following safety instructions.

The following instructions have been adapted from ANSI/OPEI standard B71.1 and ISO standard 5395.

General Operation

- Read, understand, and follow all instructions on the machine and in the manual. Be thoroughly familiar with the controls and the proper use of the mower before starting.
- Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.

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Original Instructions (EN)
Register your product at www.toro.com

- Only allow responsible individuals, who are familiar with the instructions, to operate the mower.
- Clear the area of objects such as rocks, toys, wire, bones, sticks etc., which could be picked up and thrown by the blade.
- Be sure the area is clear of other people before mowing. Stop mower if anyone enters the area.
- Do not operate the mower when barefoot or wearing open sandals. Always wear substantial foot wear.
- Do not pull the mower backward unless absolutely necessary. Look down and behind before and while moving backward.
- Do not operate the mower without proper guards, plates, grass catcher or other safety protective devices in place.
- See the Toro instructions for proper operation and installation of accessories. Only use Toro accessories.
- Stop the blade when crossing gravel drives, walks, or roads.
- Stop the engine whenever you leave the equipment, before cleaning the mower or unclogging the chute.
- Shut the engine off and wait until the blade comes to complete stop before removing grass catcher.
- Mow only in daylight or good artificial light.
- Do not operate the mower while under the influence of alcohol or drugs.
- Never operate mower in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.
- Never pick up or carry a lawn mower while the engine is running.
- Disengage the self-propelled mechanism before starting the engine.
- If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
- Always wear safety goggles or safety glasses with side shields when operating mower.

Slope Operation

- Slopes are a major factor related to slip and fall accidents which can result in severe injury. All slopes require extra caution. If you feel uneasy on a slope, do not mow it.
- Mow across the face of slopes; never up and down. Exercise extreme caution when changing direction on slopes.
- Remove objects such as rocks, tree limbs, etc. Watch for holes, ruts, or bumps. Tall grass can hide obstacles.
- Do not mow near drop-offs, ditches, or embankments. The operator could lose footing or balance.
- Do not mow excessively steep slopes.
- Do not mow on wet grass. Reduced footing could cause slipping.

Children

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the mower and the mowing activity. Never assume that children will remain where you last saw them.

- Keep children out of the mowing area and under the watchful care of a responsible adult
- Be alert and turn mower off if children enter the area.
- Before and while moving backward, look behind and down for small children.
- Never allow children to operate the mower.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.

Service

- Use extra care in handling gasoline. It is flammable and vapors are explosive.
  - Use only an approved container.
  - Never remove gas cap or add fuel with the engine running. Allow engine to cool before refueling. Do not smoke.
  - Never refuel the machine indoors.
  - Never store the machine or fuel container inside where there is an open flame, such as a water heater.
- Never run an engine inside a closed area.



Exhaust contains carbon monoxide, an odorless, deadly poison that can kill you.

Do not run the engine indoors or in an enclosed area.

- Never make adjustments or repairs with the engine running. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.

- Keep all nuts and bolts, especially blade attachment bolts, tight and keep equipment in good condition.
- Never tamper with safety devices. Check their proper operation regularly.
- Keep mower free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage. Allow mower to cool before storing.
- Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
- Never attempt to make wheel height adjustments while the engine is running.
- Grass catcher components are subject to wear, damage, and deterioration, which could expose moving parts or allow objects to be thrown. Frequently check components and replace with genuine Toro parts, when necessary.
- Mower blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Replace a faulty muffler.
- Do not change the engine governor setting or overspeed the engine.

Sound Pressure

This unit has a maximum sound pressure level at the operator's ear of 89 dBA, based on measurements of identical machines per EN 11094 and EN 836.

Sound Power

This unit has a guaranteed sound power level of 100 dBA, based on measurements of identical machines per EN 11094.

Vibration

This unit does not exceed a hand/arm vibration level of 7.0 m/s^2, based on measurements of identical machines per EN 1033.

Safety/Instruction Decals

Important: Safety and instruction decals are located near areas of potential danger. Replace damaged decals.

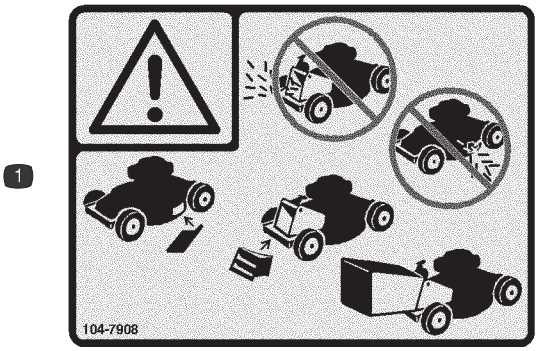


Manufacturer's Mark

1. Indicates the blade is identified as a part from the original machine manufacturer.



94-8072



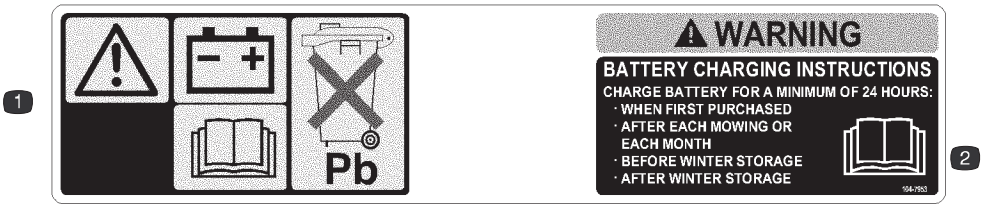
104-7908

1. Warning—do not operate the mower without the rear discharge plug or bag in place; do not operate the mower without the side discharge cover or deflector in place.



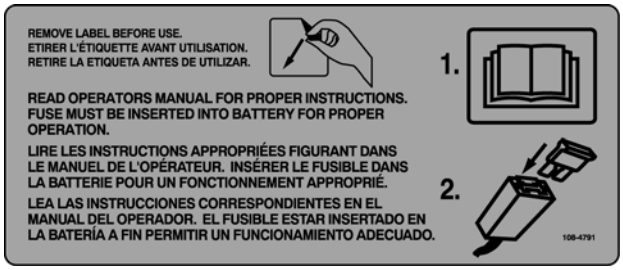
104-7909

1. Warning—read the *Operator's Manual.*
2. Thrown object hazard—keep bystanders a safe distance from the machine.
3. Thrown object hazard, mower—keep the deflector in place.
4. Cutting/dismemberment hazard of hand or foot, mower blade—stay away from moving parts.
5. Cutting/dismemberment hazard of hand or foot, mower blade—do not operate up and down slopes; operate side to side on slopes; stop the engine before leaving the operating position; and look behind you when backing.

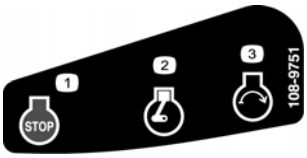


104-7953 (model 20795 only)

1. Warning—read the *Operator's Manual* for information on charging the battery; contains lead; do not discard.
2. Read the *Operator's Manual.*



108-4791 (model 20795 only)

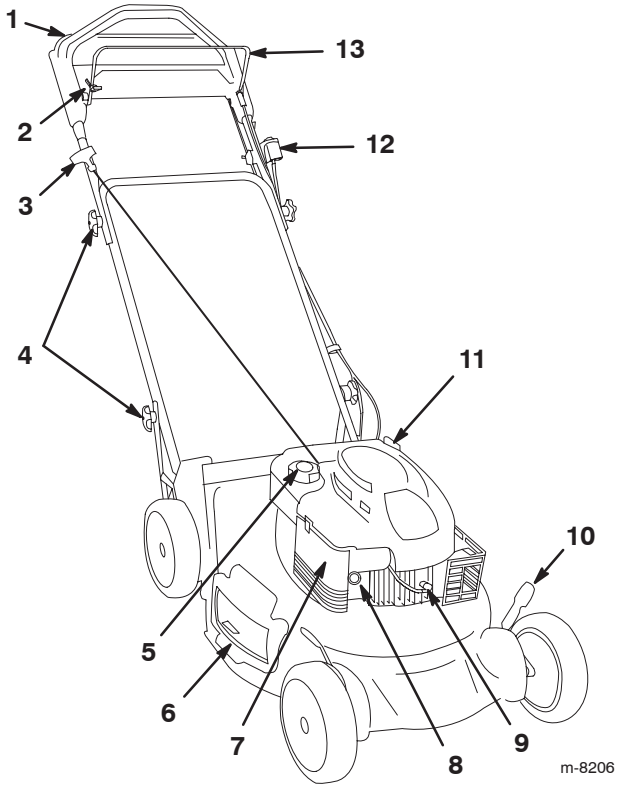


108-9751

1. Engine—stop
2. Engine—run
3. Engine—start

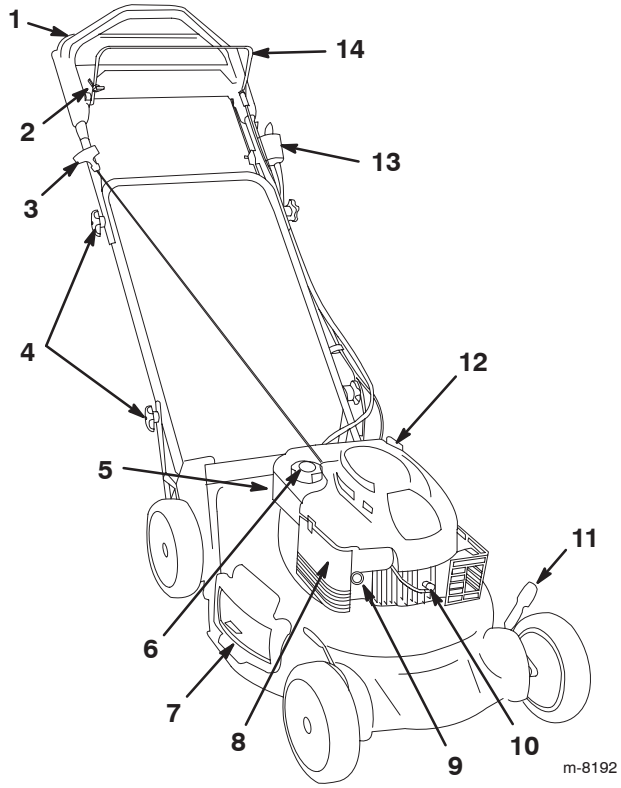
Product Overview

Model 20793



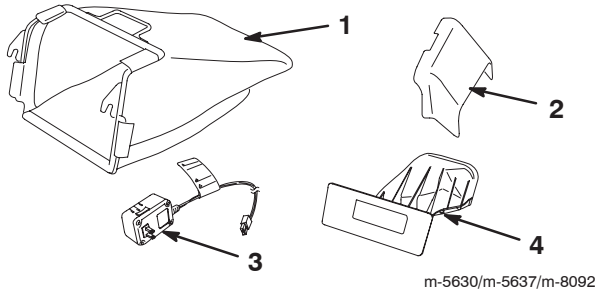
1. Upper handle
2. Control bar lock
3. Recoil start handle
4. Upper and lower handle knobs (4)
5. Fuel tank cap
6. Side discharge
7. Air filter
8. Primer
9. Spark plug
10. Cutting height lever (4)
11. Oil fill/Dipstick
12. Ignition toggle switch
13. Blade control bar

Model 20795



1. Upper handle
2. Control bar lock
3. Recoil start handle
4. Upper and lower handle knobs (4)
5. Battery (not shown)
6. Fuel tank cap
7. Side discharge
8. Air filter
9. Primer
10. Spark plug
11. Cutting height lever (4)
12. Oil fill/Dipstick
13. Electric starter
14. Blade control bar

Models 20793 and 20795



1. Grass bag
2. Side discharge chute
3. Battery charger (model 20795 only)
4. Rear discharge plug (installed)

Setup

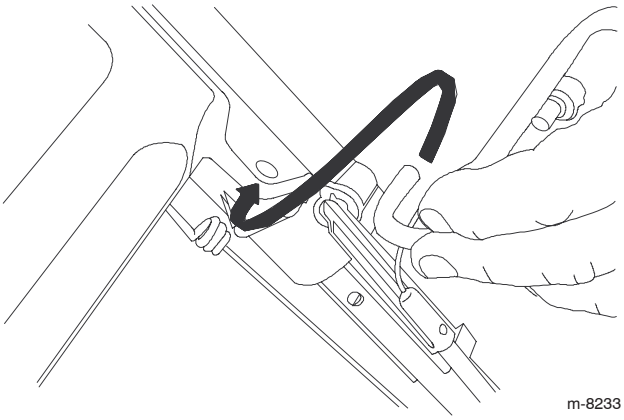
Important: Remove and discard the protective plastic sheet that covers the engine.

Unfolding the Handle

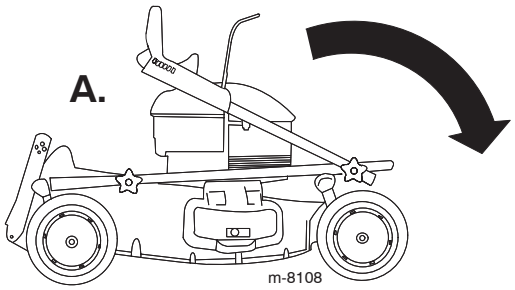
Folding or unfolding the handle improperly can damage the cables, causing an unsafe operating condition.

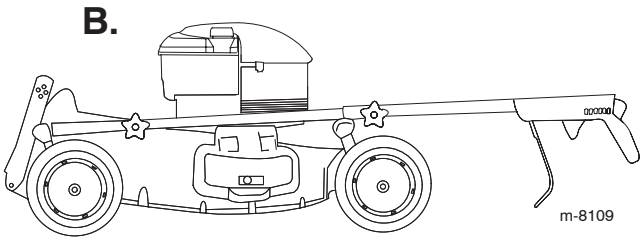
- **Do not damage the cables when folding or unfolding the handle.**
- **If a cable is damaged, contact an Authorized Service Dealer.**

1. Install the blade control bar into the upper handle.

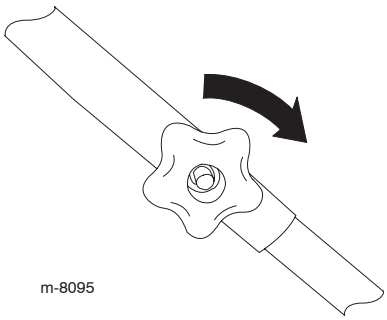


2. Carefully move the upper handle forward until the handle halves are in line and nest together.

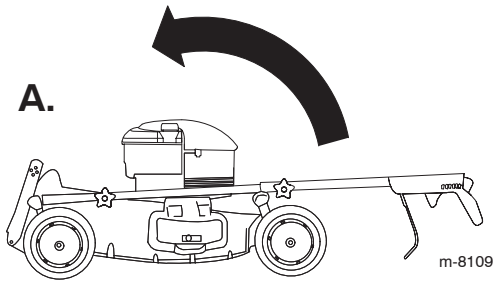


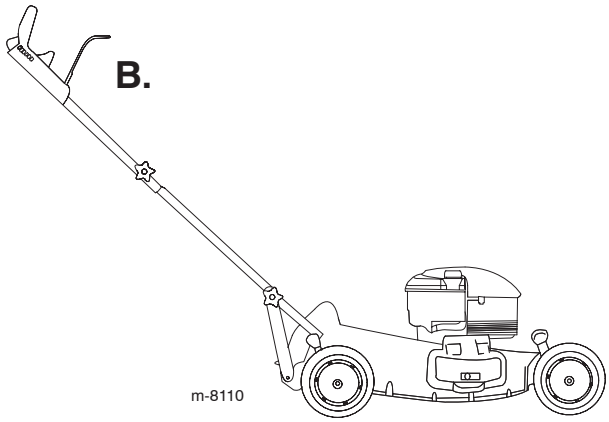


3. Tighten the upper handle knobs as tight as you can.



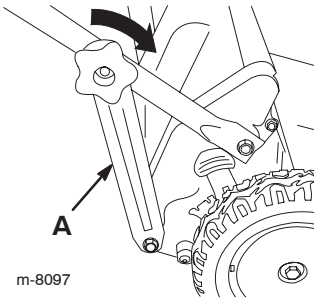
4. Rotate the handle rearward.





5. Attach the handle brackets (A) to the lower handle sides.

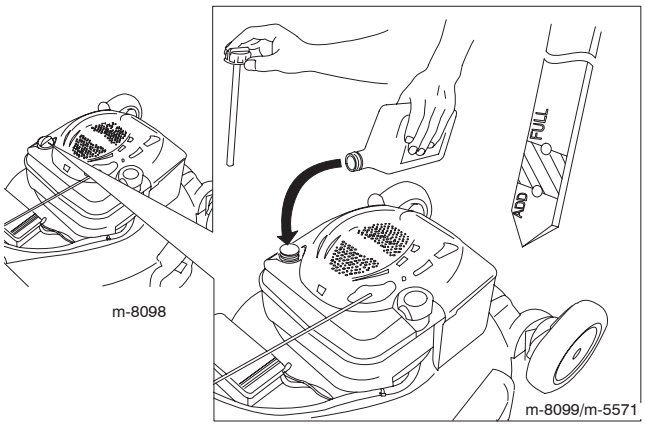
Note: Insert a lock washer between each bracket and knob, and tighten the lower handle knob as tight as you can by hand.



Filling the Engine with Oil

Important: Your mower does not come with oil in the engine.

1. Remove the dipstick.



2. **Slowly** pour oil into the oil fill tube until the oil level reaches the **Full** line on the dipstick. **Do not overfill.** (Max. fill: 0.65 l, type: SAE 30W detergent oil with an API service classification of SF, SG, SH, SJ, SL, or higher.)
3. Install the dipstick securely.

Important: **Change the engine oil after the first 5 operating hours;** change it yearly thereafter. Refer to Changing the Engine Oil on page 17.

Before Operating

Gasoline is extremely flammable and explosive. A fire or explosion from gasoline can burn you and others.

- **To prevent a static charge from igniting the gasoline, place the container and/or mower directly on the ground before filling, not in a vehicle or on an object.**
- **Fill the tank outdoors when the engine is cold. Wipe up spills.**
- **Do not handle gasoline when smoking or around an open flame or sparks.**
- **Store gasoline in an approved fuel container, out of the reach of children.**

Adjusting the cutting height may bring you into contact with the moving blade, causing serious injury.

- **Stop the engine and wait for all moving parts to stop.**
- **Do not put your fingers under the housing when adjusting the cutting height.**

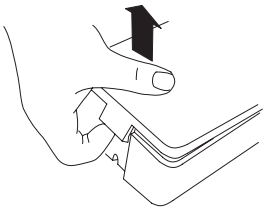
Installing the Fuse

Model 20795 only

Your mower comes with a 40-amp fuse that protects the electric starter.

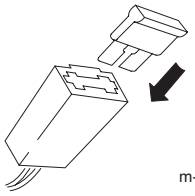
Important: You cannot start the mower with the electric starter or charge the battery unless you install the fuse.

1. Unclip both ends of the battery cover and remove it.



Note: Remove the temporary decal from the battery cover.

2. Install the fuse in the fuse holder as shown.



Note: Your mower comes with a fuse in your owner's packet and another fuse in the battery box.

3. Install the battery cover.

Charging the Battery

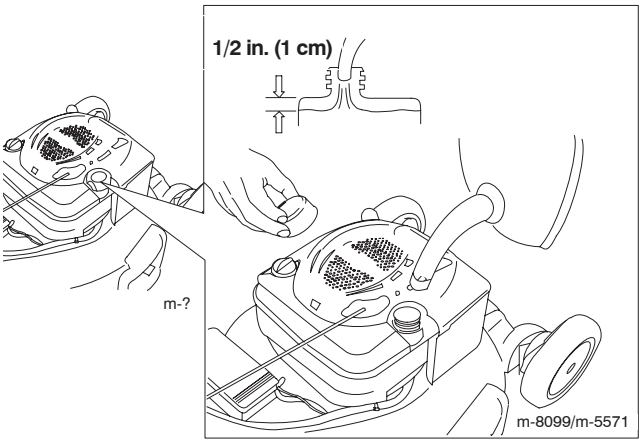
Model 20795 only

Refer to Charging the Battery on page 17.

Filling the Fuel Tank

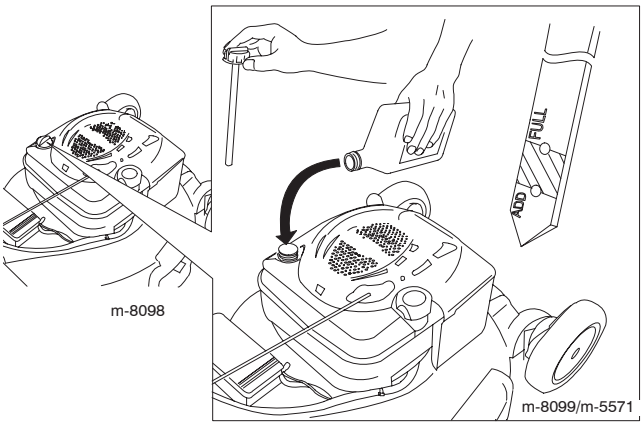
Fill the fuel tank with fresh unleaded regular gasoline from a major name-brand service station.

Important: To reduce starting problems, add fuel stabilizer to the fuel all season, mixing it with gasoline less than 30 days old.



Checking the Engine Oil Level

1. Remove the dipstick, wipe it clean, and fully install the dipstick.



2. Remove the dipstick and check the oil level. If the oil level is below the **Add** mark on the dipstick, **slowly** pour oil into the oil fill tube to raise the oil level to the **Full** mark on the dipstick. **Do not overfill.** (Max. fill: 0.65 l., type: SAE 30W detergent oil with an API service classification of SF, SG, SH, SJ, SL, or higher.)

3. Install the dipstick.

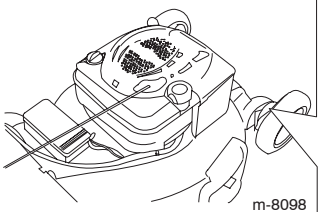
Adjusting the Cutting Height

If the engine has been running, the muffler will be hot and can severely burn you.

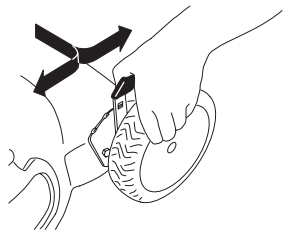
Keep away from the hot muffler.

Adjust the cutting height as desired. Set all four wheels to the same height.

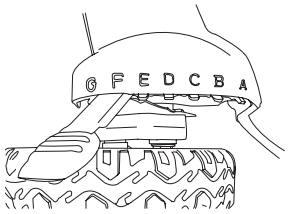
Note: To raise the mower, move all 4 cutting height levers forward; to lower the mower, move them all rearward.



m-8098



m-5629a



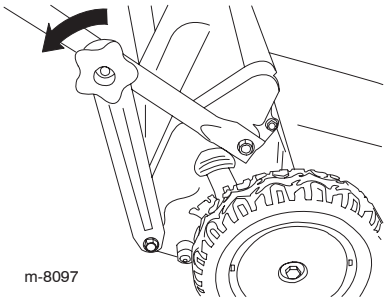
m-8100

A= 3 cm
B= 4 cm
C= 6 cm
D= 7 cm
E= 8 cm
F= 10 cm
G=11 cm

Adjusting the Handle Height

You may raise or lower the handle to a position comfortable for you.

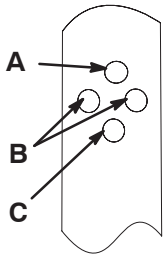
1. Remove the lower handle knobs and lock washers that attach the lower handle ends to the handle brackets.



m-8097

2. Insert the bolt through the hole in each of the handle brackets that sets the handle to the desired position.

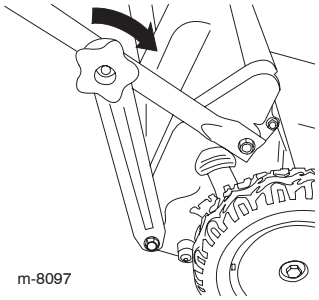
Note: A is the highest position; B (either hole) is the middle position; and C is the lowest position.



m-8101

3. Install the lock washers and lower handle knobs and tighten the knobs as tight as you can.

Note: Ensure that each lock washer is between the handle bracket and the lower handle knob.



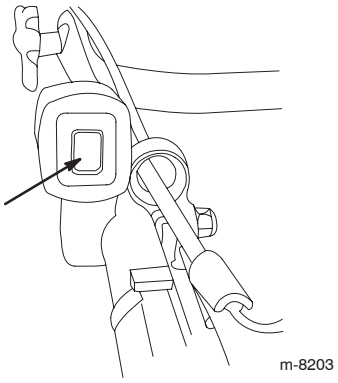
m-8097

Operation

Starting the Engine

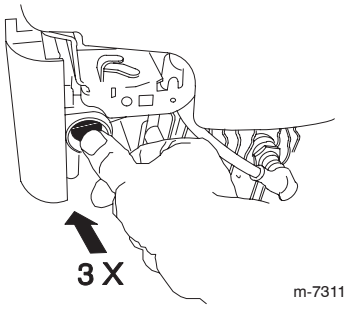
Model 20793 only

1. Push the ignition toggle switch to the On ("I") position.

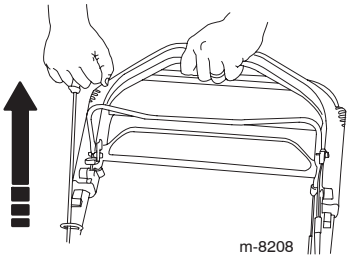


2. Firmly push in the primer 3 times with your thumb, holding the primer in for a second before releasing it each time.

Note: If the air temperature is below 13°C, firmly push the primer in 5 times.



3. Pull the recoil starter in the operating position.



4. If the mower does not start in 1 or 2 pulls, press the primer button 1 or 2 times and try starting it again.

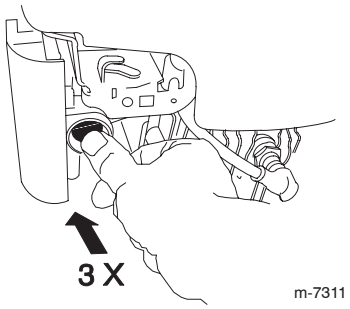
Note: If the mower still does not start, contact an Authorized Service Dealer.

Starting the Engine

Model 20795 only

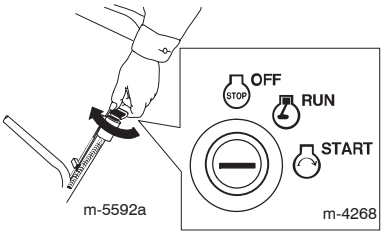
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Note: If the air temperature is below 13°C, firmly push the primer in 5 times.

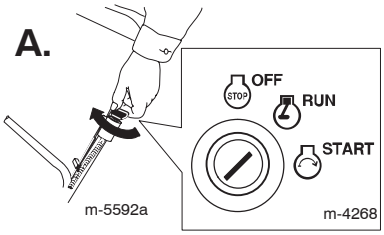


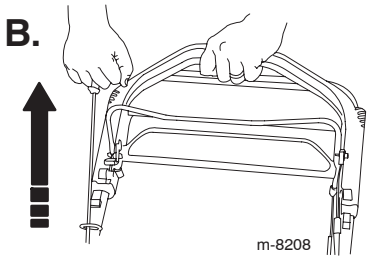
2. Start the engine in one of two ways:

- Turn the ignition key to the Start position; when the engine starts, release the key.



- Turn the ignition key to the Run position and pull the recoil starter in the operating position.





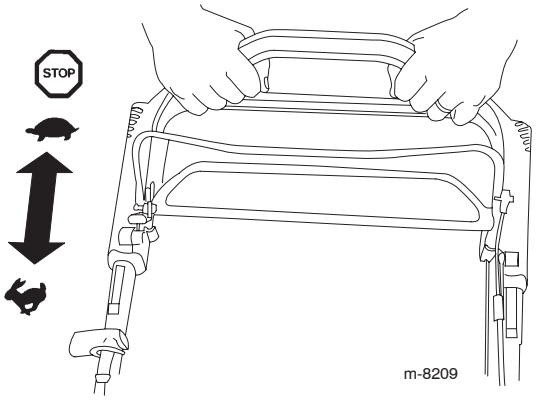
3. If the mower does not start in 1 or 2 pulls (or within 5 seconds using the electric starter), press the primer button 1 or 2 times and try starting it again.

Note: If the mower still does not start, contact an Authorized Service Dealer.

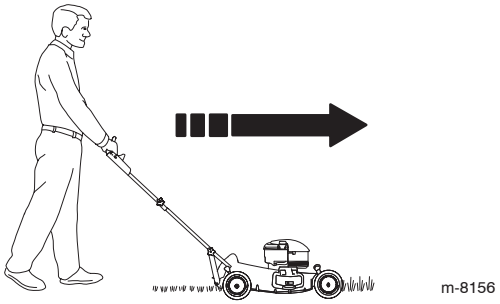
Using the Self-propel Drive

To operate the self-propel drive, simply walk with your hands on the upper handle and your elbows at your sides, and the mower will automatically keep pace with you.

Note: You can self-propel the mower with the blade engaged or disengaged.



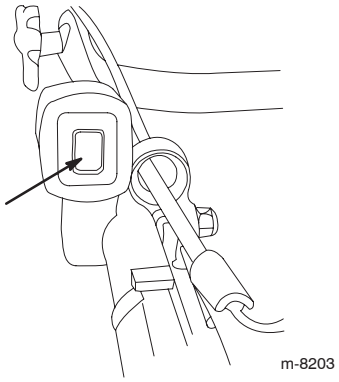
m-8209


m-8156

Stopping the Engine

Model 20793 only

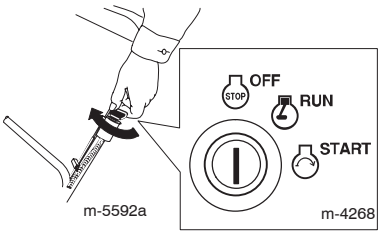
Push the ignition toggle switch to the Stop position.


m-8203

Stopping the Engine

Model 20795 only

1. Turn the key to the Off position.



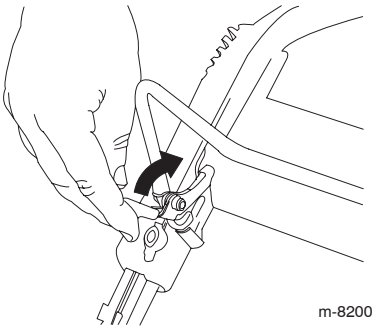
m-5592a
m-4268

2. When the engine stops, remove the ignition key when you leave the mower.

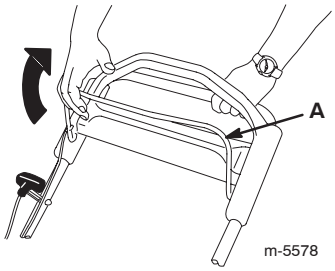
Engaging the Blade

When you start your engine, the blade does not turn. You must engage the blade to mow.

1. Pull the control bar lock back.

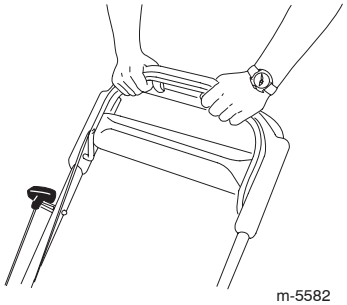

m-8200

2. Pull the blade control bar (A) to the handle.



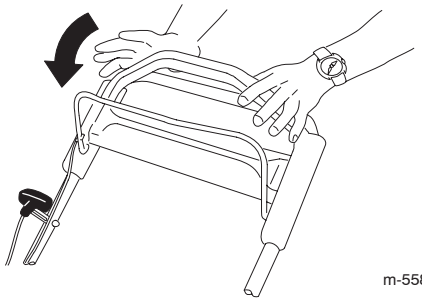
m-5578

3. Hold the blade control bar against the handle.


m-5582

Disengaging the Blade

Release the blade control bar.



Important: When you release the blade control bar, the blade should stop within 3 seconds. If it does not stop properly, stop using your mower immediately and contact an Authorized Service Dealer.

Checking the Blade Brake Control Operation

Check the control bar before each use to ensure that the blade brake clutch (BBC) system is operating properly.

Using the Grass Bag

You can use the grass bag to perform an additional test to check the BBC mechanism.

1. Install the empty grass bag on the mower.

2. Start the engine.

3. Engage the blade.

Note: The bag should begin to inflate, indicating that the blade is engaged and rotating.

4. Release the blade control bar.

Note: If the bag does not immediately deflate, the blade is still rotating. The BBC mechanism may be deteriorating and, if ignored, could result in an unsafe operating condition. Have the mower inspected and serviced by an Authorized Service Dealer.

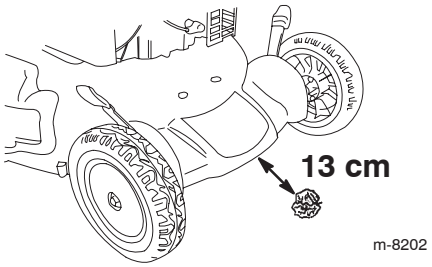
5. Stop the engine and wait for all moving parts to stop.

Not Using the Grass Bag

1. Move the mower onto a paved surface in a non-windy area.

2. Set all 4 wheels to the E (8 cm) cut setting.

3. Take a half sheet of newspaper and crumple it into a ball small enough to go under the mower housing (about 8 cm in diameter).



4. Place the newspaper ball about 13 cm in front of the mower.

5. Start the engine.

6. Engage the blade.

7. Release the blade control bar.

8. Immediately push the mower over the newspaper ball.

9. Stop the engine and wait for all moving parts to stop.

10. Go to the front of the mower and check the newspaper ball.

Note: If the newspaper ball did not go under the mower, repeat steps 4 through 10.

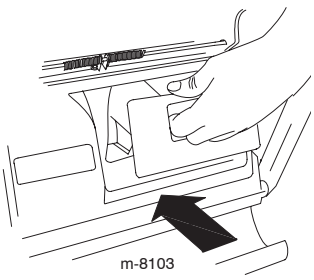
11. If the newspaper is unravelled or shredded, the blade did not stop properly, which could result in an unsafe operating condition. Contact an Authorized Service Dealer.

Recycling the Clippings

Your mower comes from the factory ready to recycle the grass and leaf clippings back into the lawn.

If the grass bag is on the mower, remove it (refer to Removing the Grass Bag on page 13) before recycling the clippings. If the side discharge chute is on the mower, remove it and lock the side discharge door (refer to Removing the Side Discharge Chute on page 14) before recycling the clippings.

Important: Ensure that the rear discharge plug is in place before you recycle the clippings.



Bagging the Clippings

Use the grass bag when you want to collect grass and leaf clippings from the lawn.

If the side discharge chute is on the mower, remove it and lock the side discharge door (refer to Removing the Side Discharge Chute on page 14) before bagging the clippings.

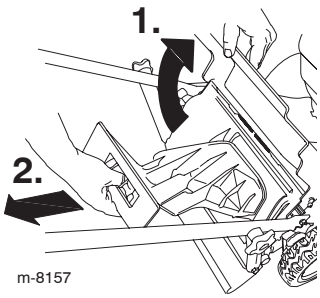
The blade is sharp; contacting the blade can result in serious personal injury.

Stop the engine and wait for all moving parts to stop before leaving the operating position.

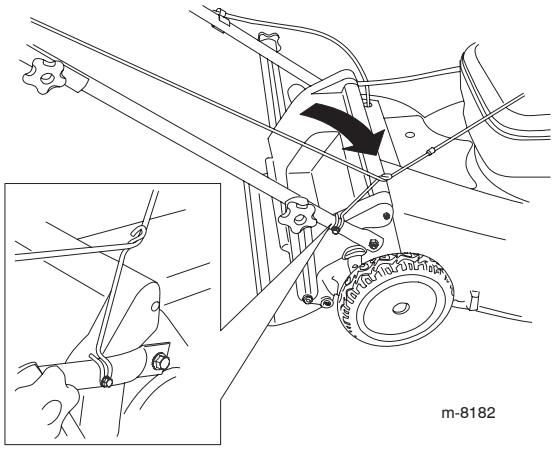
Installing the Grass Bag

1. Raise and hold up the rear door.

2. Remove the rear discharge plug.

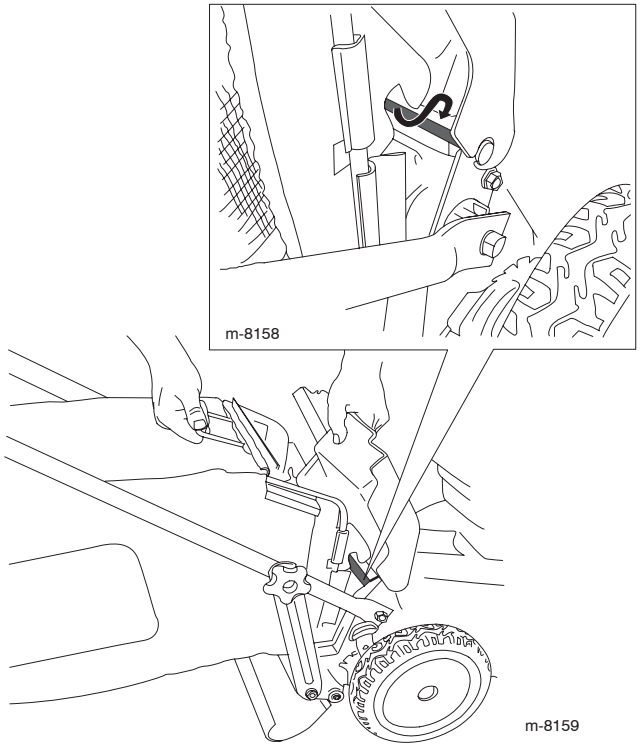


3. Route the starter rope around the lower rope guide.

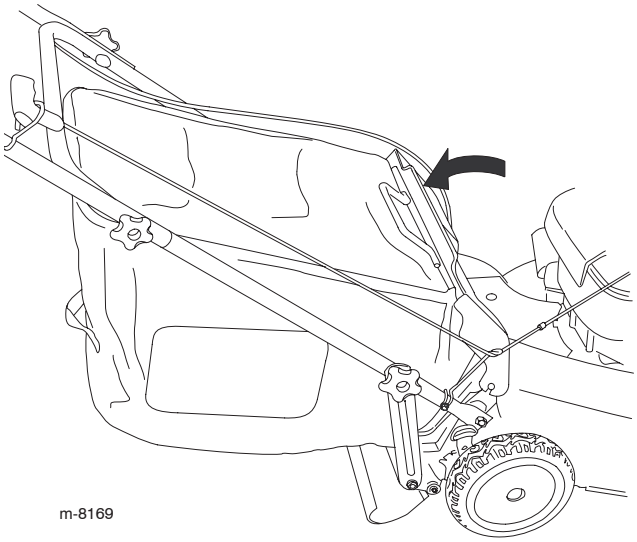


Note: The lower rope guide releases the starter rope when you pull the recoil start handle.

4. Install the bag onto the door rod.



5. Lower the rear door.



Removing the Grass Bag

To remove the bag, reverse the steps above.

Side Discharging the Clippings

Use the side discharge for cutting very tall grass.

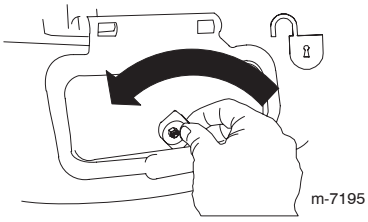
If the bag is on the mower, remove it and insert the rear discharge plug (refer to Removing the Grass Bag on page 13) before side discharging the clippings.

The blade is sharp; contacting the blade can result in serious personal injury.

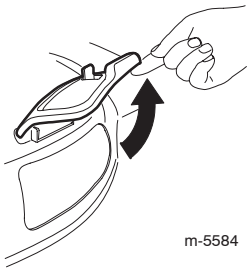
Stop the engine and wait for all moving parts to stop before leaving the operating position.

Installing the Side Discharge Chute

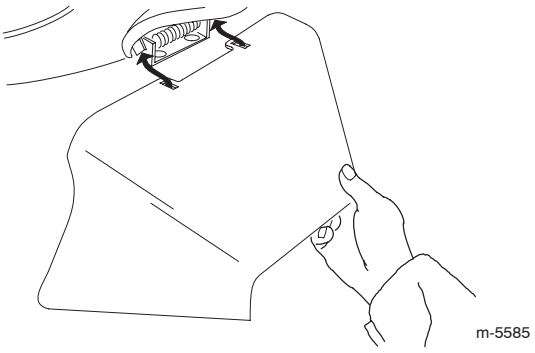
1. Unlock the side discharge door.



2. Lift open the side discharge door.



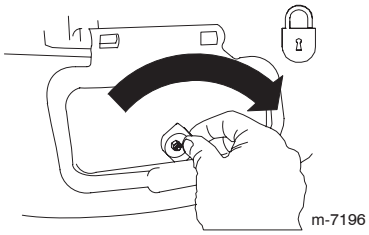
3. Install the side discharge chute and close the door onto the chute.



Removing the Side Discharge Chute

To remove the side discharge chute, reverse the steps above.

Important: Lock the side discharge door after you close it.



Operating Tips

- Clear the area of sticks, stones, wire, branches, and other debris that the blade could hit.
- Avoid striking solid objects with the blade. Never deliberately mow over any object.
- If the mower strikes an object or starts to vibrate, immediately stop the engine, disconnect the wire from the spark plug, and examine the mower for damage.
- For best performance, install a new blade before the cutting season begins.
- Replace the blade when necessary with a Toro replacement blade.

Cutting Grass

- Cut only about a third of the grass blade at a time. Do not cut below the 6 cm setting unless the grass is sparse or it is late fall when grass growth begins to slow down. Refer to Adjusting the Cutting Height on page 9.
- When cutting grass over 15 cm tall, mow at the highest cutting height setting and walk slower; then mow again at a lower setting for the best lawn appearance. If the grass is too long, the mower may plug and cause the engine to stall.
- Mow only dry grass or leaves. Wet grass and leaves tend to clump on the yard and can cause the mower to plug or the engine to stall.

Wet grass or leaves can cause serious injury if you slip and contact the blade. Mow only in dry conditions.

- Alternate the mowing direction. This helps disperse the clippings over the lawn for even fertilization.

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

- Replace the blade or have it sharpened.
- Walk at a slower pace while mowing.

- Raise the cutting height on your mower.
- Cut the grass more frequently.
- Overlap cutting swaths instead of cutting a full swath with each pass.
- Set the cutting height on the front wheels one notch lower than the rear wheels. For example, set the front wheels at 6 cm and the rear wheels at 7 cm.

Cutting Leaves

- After cutting the lawn, ensure that half of the lawn shows through the cut leaf cover. You may need to make more than one pass over the leaves.
- If there are more than 13 cm of leaves on the lawn, set the front cutting height one or two notches higher than the rear cutting height.
- Slow down your mowing speed if the mower does not cut the leaves finely enough.

Maintenance

Note: Determine the left and right sides of the mower by standing in the operating position.

Recommended Maintenance Schedule

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

Maintenance Service Interval	Maintenance Procedure
Each Use	• Check the engine oil level. Refer to Checking the Engine Oil Level on page 8. • Check the stopping time of the blade brake. The blade must stop within 3 seconds of releasing the blade control bar; if it does not, contact an Authorized Service Dealer. Refer to Checking the Blade Brake Clutch Operation on page 12. • Remove grass clippings and dirt from under the housing. Refer to Cleaning the Mower on page 18.
1 Month (5 Hours)[1]	• Charge the Battery (model 20795 only). Refer to Charging the Battery on page 17.
1 Year (25 Hours)[1]	• Replace the air filter; replace it more frequently in dusty operating conditions. Refer to Replacing the Air Filter on page 16. • Check the spark plug (refer to your engine operator's manual). • Replace the blade or have the blade sharpened; replace it or have it sharpened more frequently if the edge dulls quickly. Refer to Replacing the Blade on page 17. • Lubricate the wheel gears. Refer to Lubricating the Wheel Gears on page 18. • Clean the blade brake control (BBC) shield. Refer to Cleaning the Blade Brake Control Shield on page 18.
2 Years (50 Hours)[1]	• Change the engine oil.[2] Refer to Changing the Engine Oil on page 17.
4 Years (100 Hours)[1]	• Replace the spark plug (refer to your engine operator's manual). • Clean the cooling system (refer to your engine operator's manual).
Annual Storage	• Empty the fuel tank before repairs as directed or before annual storage. Refer to Preparing the Mower for Storage on page 19. • Charge the Battery (model 20795 only). Refer to Charging the Battery on page 17.

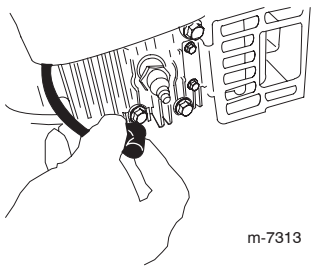
[1]Whichever comes first

[2]Change the engine oil after the first 5 operating hours.

Preparing for Maintenance

1. Stop the engine and wait for all moving parts to stop.

2. Disconnect the spark plug wire from the spark plug before performing any maintenance procedure.



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

Remove the key from the ignition switch before you service, transport, or store your mower.

3. After performing the maintenance procedure(s), connect the spark plug wire to the spark plug.

Note: Before tipping the mower to change the oil or replace the blade, allow the fuel tank to run dry through normal usage. If you must tip the mower prior to running out of fuel, use a hand fuel pump to remove the fuel. Always tip the mower onto its side with the air filter up.

Tipping the mower may cause the fuel to leak. Gasoline is flammable, explosive and can cause personal injury.

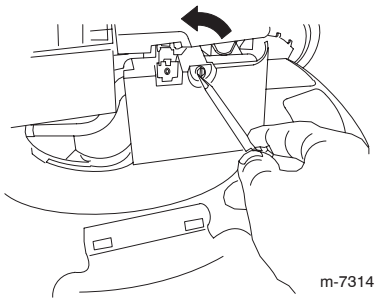
Run the engine dry or remove the gasoline with a hand pump; never siphon.

Replacing the Air Filter

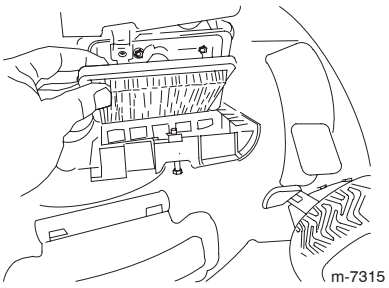
Replace the air filter yearly; replace it more frequently in dusty operating conditions.

Refer to Preparing for Maintenance on page 16.

1. Use a screw driver to open the air filter cover.



2. Replace the air filter.



3. Install the cover.

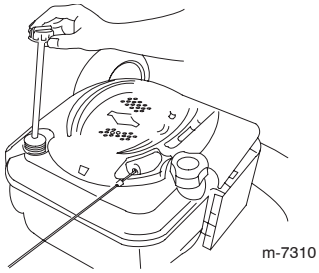
Changing the Engine Oil

Change the engine oil after the first 5 operating hours; change it yearly thereafter.

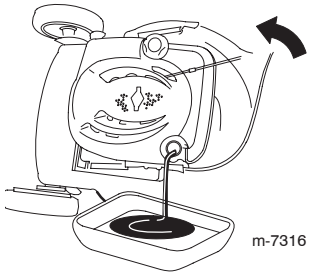
Run the engine a few minutes before changing the oil to warm it. Warm oil flows better and carries more contaminants.

Refer to Preparing for Maintenance on page 16.

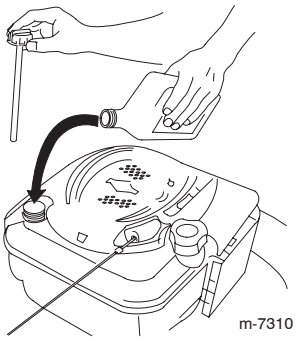
1. Remove the dipstick.


m-7310

2. Tip the mower onto its side (with the air filter up) to drain the used oil out through the oil fill tube.


m-7316

3. **Slowly** pour oil into the oil fill tube until the oil level reaches the **Full** line on the dipstick. **Do not overfill.** (Max. fill: 0.65 l., type: SAE 30W detergent oil with an API service classification of SF, SG, SH, SJ, SL, or higher.)


m-7310

4. Install the dipstick securely.

5. Dispose of the used oil properly at a local recycling center.

Charging the Battery

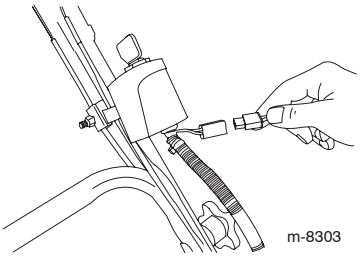
Model 20795 only

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. *Wash hands after handling battery.*

Charge the battery for 24 hours initially, then only as needed thereafter. Always use the charger in a sheltered area and charge the battery at room temperature (22°C) whenever possible.

Note: The engine is equipped with an alternator. Running the engine helps to maintain the battery charge during the mowing season.

1. Connect the charger to the mower wire harness located below the ignition key.


m-8303

Important: Use only the charger supplied with the mower.

2. Plug the charger into a wall outlet.

When the battery no longer holds a charge, recycle or dispose of the lead-acid battery according to local codes.

Replacing the Fuse

Model 20795 only

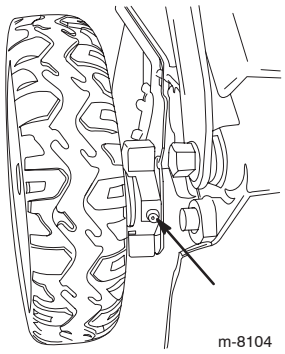
If the battery does not charge or the engine does not turn with the electric starter, the fuse may be blown. Replace it with a 40-amp plug-in type fuse. Refer to Installing the Fuse on page 8.

Lubricating the Wheel Gears

Lubricate each **rear** wheel with grease yearly.

1. Wipe the grease fittings just inside the rear wheels with a clean rag.

2. Install a grease gun onto each fitting and gently apply 2 or 3 pumps of #2 multi-purpose lithium-base grease.



Replacing the Blade

Important: **You will need a torque wrench to install the blade properly.** If you do not have a torque wrench or are uncomfortable performing this procedure, contact an Authorized Service Dealer.

Examine the blade whenever you run out of gasoline. If the blade is damaged or cracked, replace it immediately. If the blade edge is dull or nicked, have it sharpened or replace it.

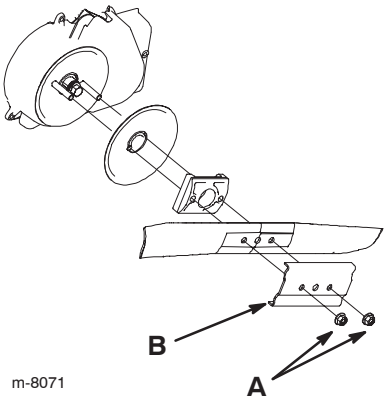
The blade is sharp; contacting the blade can result in serious personal injury.

Wear cloth or leather gloves when servicing the blade.

1. Disconnect the spark plug wire from the spark plug. Refer to Preparing for Maintenance on page 16.

2. Tip the mower onto its side with the air filter up.

3. Remove the 2 blade nuts (A) and the stiffener (B).



4. Remove the blade.

5. Install the new blade.

6. Install the stiffener you removed in step 3.

7. Install the blade bolts and torque them to 20 to 37 N·m.

Cleaning the Blade Brake Control Shield

Clean the blade brake clutch (BBC) shield at least every 25 operating hours or yearly to prevent the blade from stalling while you mow.

1. Disconnect the spark plug wire from the spark plug. Refer to Preparing for Maintenance on page 16.

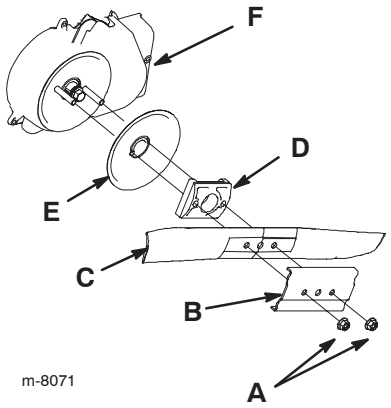
2. Tip the mower onto its side with the air filter up.

3. Remove the 2 blade nuts (A) and the stiffener (B).

4. Remove the blade (C).

5. Remove the blade driver (D) and disk (E).

6. Remove the BBC shield (F).



7. Brush or blow out debris from the inside of the shield and around all the parts.

8. Install the BBC shield that you removed in step 6.

9. Install the blade driver that you removed in step 5.

10. Install the blade and the stiffener that you removed in steps 3 and 4.

11. Install the blade bolts and torque them to 20 to 37 N·m.

Cleaning the Mower

1. With the engine running on a flat paved surface, spray a stream of water in front of the **right rear** wheel.



The water will splash into the path of the blade, cleaning out the clippings.

2. When no more clippings come out, stop the water and move the mower to a dry area.

3. Run the engine for a few minutes to dry the housing to prevent corrosion.

Storage

Store the mower in a cool, clean, dry place.

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

Remove the key from the ignition switch before you service, transport, or store your mower.

Preparing the Mower for Storage

Gasoline vapors can explode.

- **Do not store gasoline more than 30 days.**
- **Do not store the mower in an enclosure near an open flame.**
- **Allow the engine to cool before storing it.**

1. On the last refueling of the year, add fuel stabilizer to the fuel as directed by the engine manufacturer.

2. Run the mower until the engine stops from running out of fuel.

3. Prime the engine and start it again.

4. Allow the engine to run until it stops. When you can no longer start the engine, it is sufficiently dry.

5. Disconnect the wire from the spark plug.

6. Remove the spark plug, add 30 ml of oil through the spark plug hole, and pull the starter rope **slowly** several times to distribute oil throughout the cylinder to prevent cylinder corrosion during the off-season.

7. Loosely install the spark plug.

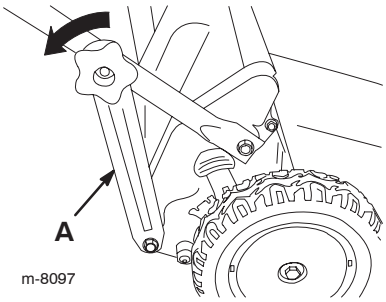
8. Tighten all nuts, bolts, and screws.

9. Charge the battery for 24 hours (model 20795 only), then unplug the battery charger and store the mower in an unheated area. If you must store the mower in a heated area, you must charge the battery every 90 days.

Folding the Handle

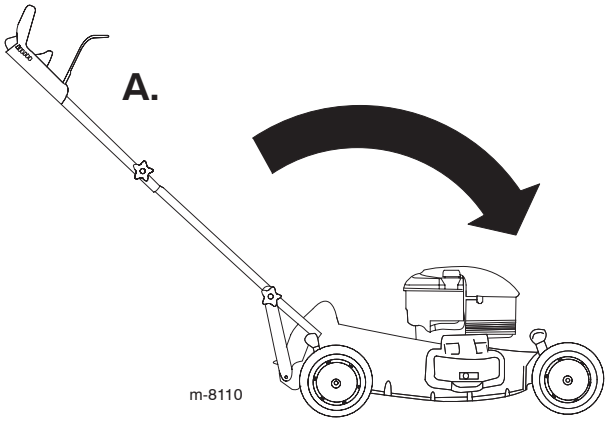
1. Remove the lower handle knobs and lock washers.

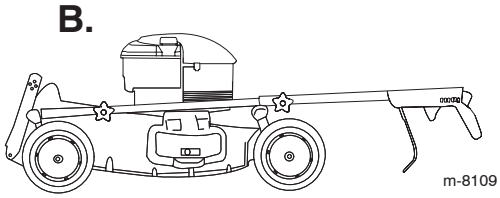
2. Detach the handle brackets (A) from the lower handle sides.



Note: Attach the lock washers and lower handle knobs onto the bolts in the handle to prevent losing them.

3. Rotate the handle forward.





4. To unfold the handle, refer to Unfolding the Handle on page 6.

Removing the Mower from Storage

1. Remove the spark plug and pull the recoil start handle a few times to blow the excess oil from the cylinder.

2. Install the spark plug and tighten it with a torque wrench to 20 N·m.

3. Charge the battery (model 20795 only).

4. Connect the wire to the spark plug.

Attachments/ Accessories

A selection of Toro approved attachments and accessories are available for use with the machine to enhance and expand its capabilities. Contact an Authorized Service Dealer or Distributor or go to www.toro.com for a list of all approved attachments and accessories.