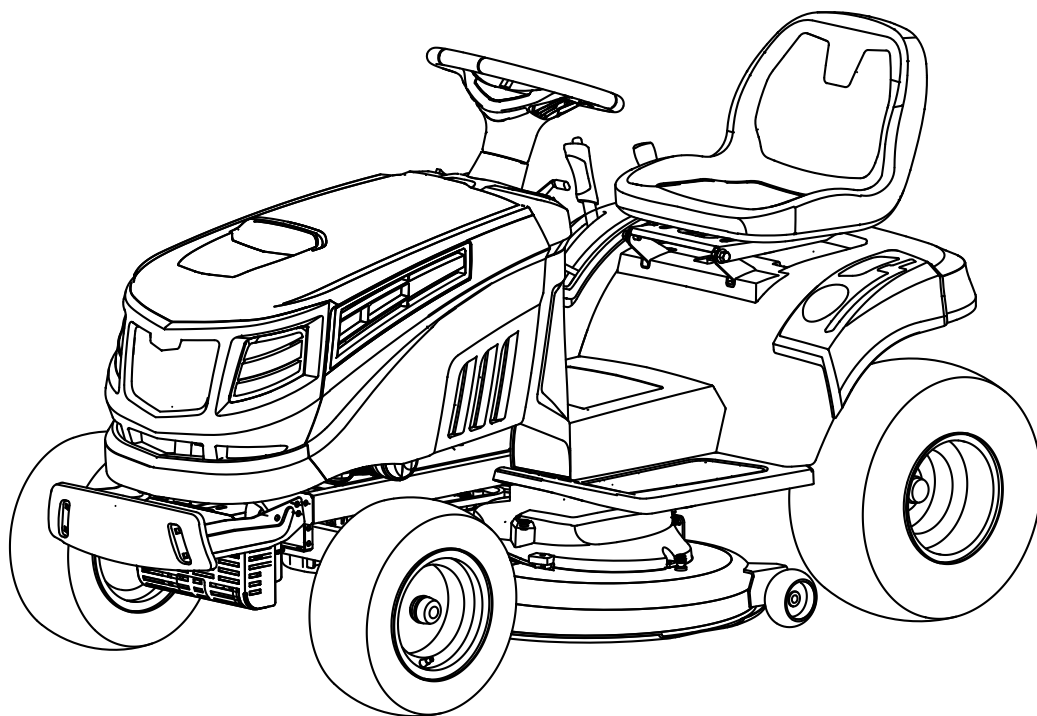




YF98RTM-G / 1871062

GAS LAWN TRACTOR OWNER'S MANUAL



Our Customer Service staff is ready to provide assistance.

In the case of a damaged or missing part, most replacement parts ship directly from one of our service partners in Canada.

For immediate help with assembly, or for additional product information, please call our service support center at 1-833-818-4111 M-F 9:00am – 5:00pm ET, or email canadaservice@yardforcepowerequipment.com. More information can be found on YardForceCA.com.



SAVE THIS MANUAL FOR REFERENCE

You will need this manual for safety instructions, operating procedures, and Warranty.

The original sales receipt is required for warranty service.

Original Instructions

TABLE OF CONTENTS

Safety Instructions 3

Safety Rules 7

Description of Symbols 8

Parts List 10

Technical Specifications 12

Assembly 13

Operation 21

Maintenance and Storage 29

Troubleshooting 40

Warranty 45

SAFETY INSTRUCTIONS

WARNING!



To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

WARNING!



READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below and on the machine could result in electric shock, fire, serious personal injury and/or death.

READ ALL INSTRUCTIONS

- This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe all safety instructions could result in serious injury or death.
- Avoid dangerous environment — Do not use the lawn mower in damp or wet conditions or operate in the rain.
- Keep children away — Keep all bystanders, children, and pets at least 100 ft. away. Stop the mower and turn off the machine if anyone enters the area.
- Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. NEVER assume that children will remain where you last saw them.
- Keep children out of the mowing area and in the watchful care of a responsible adult other than the operator.
- Be alert; stop and turn machine off if a child enters the area.
- Before and while backing, look behind and down for small children, bystanders, and pets.
- Never carry children, even with the blades shut off. They may fall off and be seriously injured or interfere with safe machine operation. Children who have been given rides in the past may suddenly appear in the mowing area for another ride and be run over or backed over by the machine.
- Never allow children to operate the machine.

WARNING!



CHILDREN CAN BE KILLED OR SERIOUSLY INJURED BY THIS EQUIPMENT. The American Academy of Pediatrics recommends that children be a minimum of 16 years of age before operating a gas lawn tractor.

- Use extreme care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.
- Dress properly — Do not wear loose clothing or jewelry. They can be caught in moving parts. The use of rubber gloves and substantial, fully enclosed footwear with good traction is recommended when using this mower.
- Never leave a running machine unattended. Always turn off blades, set parking pedal, stop engine, and remove key before dismounting.
- Check brake operation before each use and frequently during use. Adjust and service

SAFETY INSTRUCTIONS

as required.

- Keep hands and feet away from cutting area, which is located under the mower deck and inside the side discharge chute. Keep clear of the side discharge chute opening at all times. Do not reach under the mower deck.
- Operate the gas lawn tractor only in daylight or good artificial light.
- Use the right appliance — Do not use the lawn mower for any job except that for which it is intended.
- Do not force the lawn mower — It will do the job better and safer at the rate for which it was designed.
- Stay alert — Watch what you are doing and use common sense when operating the lawn mower. Do not operate the mower while tired, upset, or under the influence of drugs, alcohol, or medication. A moment of inattention while operating the lawn mower may result in serious personal injury.
- Maintain lawn mower with care — Keep machine in good working condition. Keep blades sharp and guards in place and in working order. To prevent serious personal injury, damage to the mower, and for best performance, replace damaged or unevenly worn blades.
- Check all nuts, bolts, and screws before each use for proper tightness to be sure the equipment is in safe working condition. Mower blades are sharp. Wrap the blades or wear gloves, and use extra caution when servicing them.
- Stop the engine, wait until blades come to a complete stop, and remove the start key before cleaning the lawn mower, or removing the mulch cover.
- Replace blade if it is bent or cracked. An unbalanced blade causes vibration that could damage the drive unit or cause personal injury. Sharpen a dull blade equally at each end to maintain the balance. Clean the blade thoroughly and check its balance by supporting it horizontally on a thin nail through its center hole. The nail should be in a horizontal position. If either end of the blade rotates downward, remove some metal from the heavy lower end until the blade is balanced. It is balanced when neither end drops.
- The side discharge chute is a guard that covers the side discharge opening on the mower deck and deflects grass clippings and debris away from the operator. Always ensure that the engine is off and the blades have stopped moving before inspecting, moving, cleaning, or performing maintenance on the side discharge chute.
- Always use safety protective devices. Do not operate the mower without the side discharge chute or mulch cover in place and working properly.
- Never interfere with the intended function of a safety device or reduce the protection provided by a safety device. Check their proper operation regularly.
- Never tamper with safety devices. Check for proper operation regularly.
- Follow manufacturer's instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer. The use of other accessories may increase the risk of injury.
- Clear the work area before each use. Remove all objects such as rocks, sticks, metal, wire, bones, toys, fallen tree limbs, tree nuts, or other objects which can be thrown by the blade.

SAFETY INSTRUCTIONS

- Objects struck by the lawn mower blades can cause severe injuries to persons. The lawn should always be carefully examined and cleared of all objects prior to each mowing. If the lawn mower strikes a foreign object, follow these steps:
- Stop the lawn mower, set the parking pedal, wait until the blades come to a complete stop, and then remove start key.
- Thoroughly inspect the mower for any damage.
- Replace the blade if it is damaged in any way. Repair any damage before restarting and continuing to operate the mower.
- Slopes are a major factor related to loss of control and tip-over accidents, which can result in severe injury or death. Operation on all slopes requires extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it. Never use on steep slopes greater than 15°.
- Never attempt to ride on a steep slope or mow a slope that is greater than 15°. To determine the angle of your slope, use the Slope Guide at the back of this manual.
- Mow up and down slopes, not across.
- Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Use a slow speed so you will not have to stop suddenly or accidentally accelerate while on a slope.
- Do not mow on wet grass. Tires may lose traction and you may lose control.
- Always keep the direction control switch in the forward position when going down slopes. Do not shift to neutral and coast downhill, which may cause you to lose control of the mower.
- Avoid starting, stopping, or turning on a slope. If the tires lose traction, disengage the blades and proceed slowly straight down the slope.
- Keep all movement on slopes slow and gradual. Do not make sudden changes in speed or direction, which could cause the machine to roll over.
- Use extra care while operating machine with baggers or other attachments; they can affect the stability of the machine. Do not use on steep slopes greater than 15°.
- Do not try to stabilize the machine by putting your foot on the ground.
- Do not mow near drop offs, ditches, or embankments. The machine could suddenly roll over if a wheel goes over the edge or if the edge caves in and result in death or serious personal injury.
- Never direct discharged material toward anyone. Plan your mowing pattern to avoid discharge of material toward bystanders, roads, sidewalks, windows, cars, and the like. Also, avoid discharging material against a wall or obstruction, which may cause the material to ricochet back toward the operator.
- Stop the blade when crossing gravel surfaces to avoid discharging gravel and rocks and drive the mower slowly and carefully to avoid loss of control.
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may block your view.
- Never make any adjustments or repairs with the engine running and/or blades moving. Turn off power switch and remove key.

SAFETY INSTRUCTIONS

- Stop the engine, set the parking pedal, wait until the blades come to a complete stop, and remove start key before unclogging the side discharge chute or opening. The cutting blades continue to rotate for a few seconds after the motor is shut off. Never place any part of the body in the blade area until you are sure the blades have stopped rotating.
- If the mower should start to vibrate abnormally, stop the motor and check immediately for the cause. Replace the blades if they are unevenly worn or damaged in any way. Vibration is generally a sign of a damaged mower blade.
- Disengage mower blades when not mowing.
- Service on the product must be performed by qualified repair personnel only. Service or maintenance performed by unqualified personnel could result in injury to the user or damage to the product.
- Use only authorized replacement parts when servicing the product. Use identical replacement blades only. Use of unauthorized parts may create a risk of serious injury to the user or damage to the product.
- Remove start key — Remove start key from the mower before storing, servicing, or changing accessories such as blades. Such preventive safety measures reduce the risk of starting the mower accidentally.
- Stop the unit and remove the start key when not in use. Transport the unit with the engine stopped and the start key removed from the mower.
- Remove the start key before servicing, cleaning, or removing material from the gardening appliance.
- Store idle lawn mower indoors — When not in use, mower should be stored indoors in a dry, locked place out of the reach of children. The start key should also be removed and stored in a separate location out of the reach of children.
- Follow instructions for lubricating and changing accessories.
- Only allow responsible adults, who are familiar with and understand the instructions, to operate this machine.
- Never carry passengers.
- Never operate machine in a closed area.
- Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
- Slow down before turning.
- Watch for traffic when operating near or crossing roadways.
- Use extra care when loading or unloading the machine into a trailer or truck and press the brake pedal as needed to control the speed. The mower will freely roll if it is moved on an inclined surface without pressing the brake pedal or setting the parking pedal. When loading or unloading the mower, do not exceed the maximum recommended operation angle of 15°.
- Data indicates operators age 60 years and above are involved in a large percentage of riding mower related injuries. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.
- Keep machine free of grass, leaves, or other debris build up. Allow machine to cool before storing.

SAFETY RULES



Caution: Please NOTICE that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ADDITIONAL SAFETY RULES FOR BATTERIES

Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

- Do not dispose of the batteries in a fire. The batteries could explode. Check with local codes for possible special disposal instructions.
- When batteries are not in use, keep away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause serious burns or a fire.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.
- Only use 12V-18Ah lead acid battery.

ADDITIONAL SAFETY RULES FOR TOWING

- Use common sense when towing. Too heavy of a load while on a slope is dangerous. Tires can lose traction with the ground and cause you to lose control of your mower.
- Follow manufacturer's recommendations for wheel weights or counterweights.
- Total towed weight must not exceed the weight that you can safely control with the mower.
- Do not attach towed equipment except at the approved hitch point.
- Never allow children or others in or on towed equipment.
- Stopping distance increases with speed and weight of load being towed. Travel slowly and allow extra time and distance to stop.
- Do not turn sharply when towing. Use additional caution when turning or operating under adverse surface conditions. Use care when reversing.

DESCRIPTION OF SYMBOLS

The following symbols are used on the product and in this manual to alert the operator of potential safety hazards. Read them carefully, and understand their meaning.



DANGER!

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING!

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION!

Indicates a potentially hazardous situation which, if not avoided, may result in minor/moderate injury.



NOTICE!

Indicates a practice not related to personal injury which, if not avoided, may result in property damage.

Other Symbols

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.



Look for this symbol to point out important safety precautions. It means: Attention! Become Alert! Your Safety Is Involved.



Read operator's manual before operating this machine. Failure to follow directions could result in serious injury.



Use protective glasses.



Disconnect the ignition key and read the instructions before carrying out any repair or maintenance work.



Risk of carbon monoxide poisoning.



Risk of burns, Wait for the engine to completely cool down before making any adjustments or servicing the engine itself.



Keep hands and feet away from blade and cutting area.

DESCRIPTION OF SYMBOLS



Do not reach hands or feet under mower deck.



Do not operate on steep slopes or inclines greater than 14°. Mow up and down the face of slopes, never across.



Keep all children, bystanders, and animals at least 100 ft. away.



Thrown objects can ricochet and result in personal injury or property damage.



Thrown objects can ricochet and result in personal injury or property damage. Never direct discharged material toward anyone.



Never carry children or anyone, even when the blades are off.



Always look down and behind you before and during backing and make sure children, bystanders, and pets are clear of the area.



Forward driving.



Reverse driving.



Clutch and brake.



Reverse driving.



Hydrostatic transmission engaged.



Hydrostatic transmission disengaged.



Mower can be operated in reverse with blades engaged when RMO button is pushed and red button light is on. Always look down and behind you before and when maneuvering in reverse. Mowing in reverse is not recommended.



This product uses lead acid (Pb) batteries. Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

PARTS LIST

KNOW YOUR GAS LAWN TRACTOR (See Fig. 1 & 2)

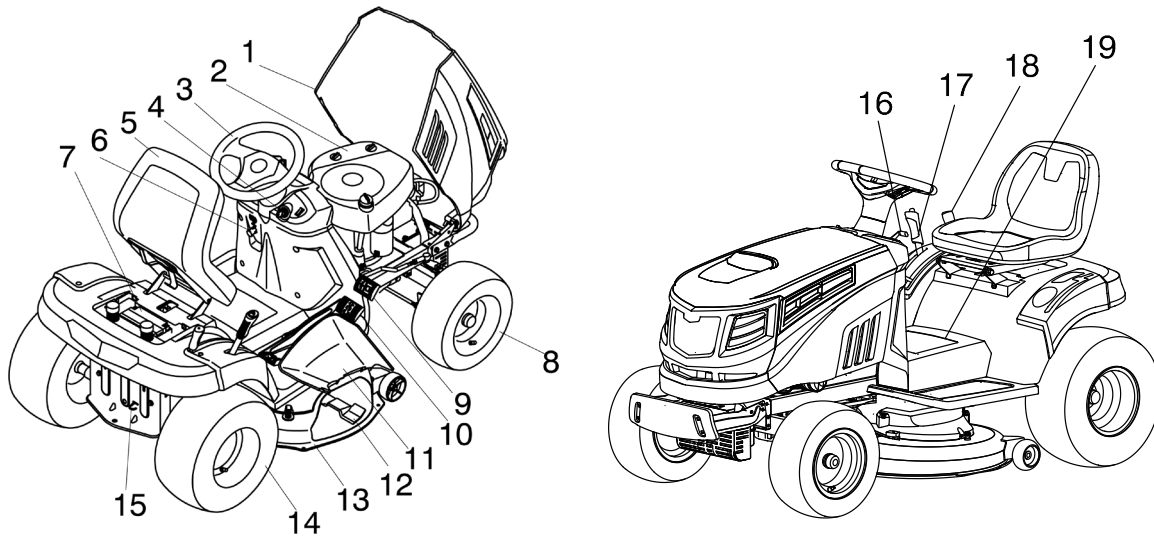


Fig. 1 & 2

1	Engine cover	11	Discharge guard
2	Engine	12	Rotating blade
3	Steering wheel	13	Blade deck
4	Ignition key	14	Rear driving wheels
5	Driving seat	15	Lever to release the hydrostatic transmission
6	Parking brake lever	16	Engine throttle lever
7	Starter battery	17	Cutting height adjustment lever
8	Front wheels	18	Blade rotation engagement lever
9	Brake pedal	19	Notice and safety labels
10	Drive engagement pedal		

PARTS LIST



WARNING!

If any parts are damaged or missing, do not operate this lawn mower until the missing parts are replaced. Failure to heed this warning could result in serious personal injury.



NOTICE!

Always recycle the packaging in accordance with local recycling programs.

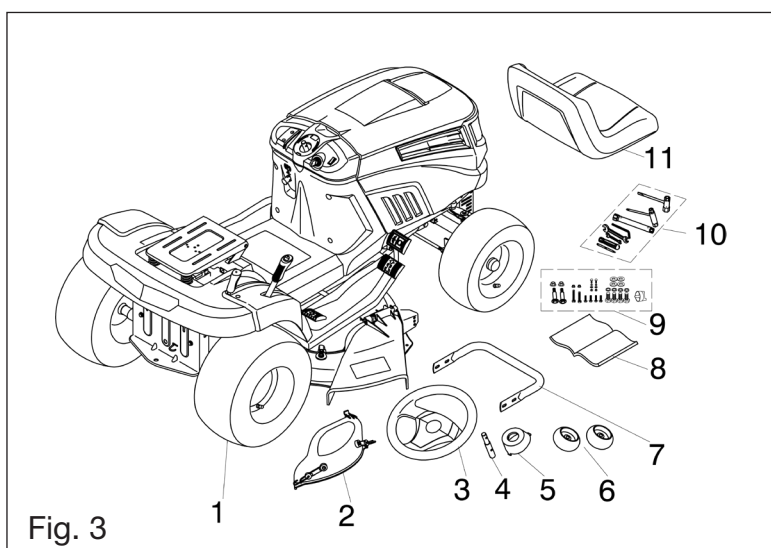


WARNING!

This item requires a two-person lift to remove from the packaging. Make sure that you have sufficient space to put the lawn mower down. Keep your feet apart so that you have a stable position, bend at the knees and keep your back straight.

PARTS LIST

Carefully remove all parts from their packaging and check that the following parts are included. See Fig. 3.



1	Machine body	7	Bumper
2	Mulching cover	8	instruction manual
3	Steering wheel	9	Nuts, bolts, washer, bushing and starter key
4	Steering connect shaft	10	Tools
5	Steering shaft cover	11	Seat
6	Wheel		

PRODUCT SPECIFICATIONS

Model	YF98RTM-G
Engine type	Air cooled, overhead valve, 4 stroke
Engine displacement	432 cc
Max. engine speed	2800 rpm
Cutting width	38.5"
Cutting height positions	7
Cutting height	1 3/16–3 1/2 (3–9 cm)
Front tire	15"
Rear tire	18"
Transmission type	Hydrostatic
Battery type	Lead-acid
Battery voltage	12 V
Battery capacity	18 Ah
Max forward speed	5.5 mph (8.8 km/h)
Max reverse speed	2.8 mph (4.5 km/h)

ASSEMBLY

ASSEMBLY



WARNING!

Strictly adhere to all torque wrench tightening specifications. Failure to do so could cause serious personal injury.



WARNING!

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

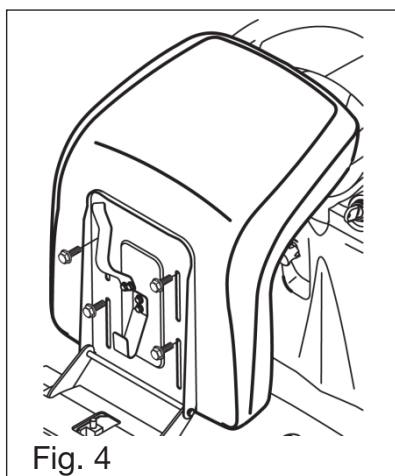


WARNING!

To prevent accidental starting that could cause serious personal injury, always remove the start key from the tool when you are assembling parts.

INSTALL THE SEAT

1. Install the operator's seat to the designated position of the lawn tractor according to the method shown in Fig. 4.

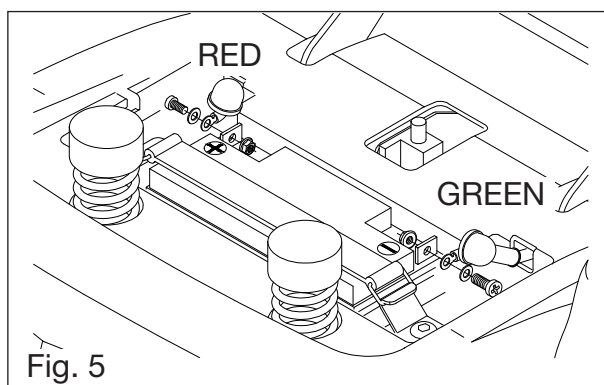


CONNECT THE STARTER BATTERY

When shipped from the factory, the starter battery is disconnected from the lawn tractor. To connect as the Fig. 5 shown:

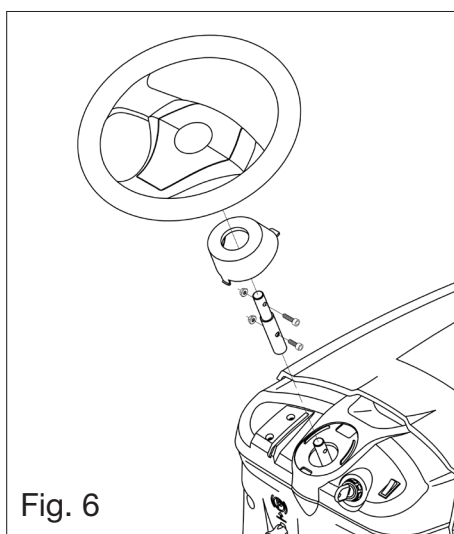
1. Connect each connector of starter battery to associated connection lead of lawn tractor, and tighten the screw to secure. The red wire connects to the positive electrode (+), and the black wire connects to the negative electrode (-).
2. Secure the starter battery with the small rubber strap.

ASSEMBLY



ASSEMBLE THE STEERING WHEEL

1. Install the direction rod assembly assembly to the designated position of the lawn tractor according to the method shown in Fig. 6.
2. Install the shroud of direction rod to the designated position of the lawn tractor according to the method shown in Fig. 6.
3. Install the steering wheel assembly to the designated position of the lawn tractor according to the method shown in Fig. 6.



ASSEMBLE THE MULCHING COVER

The lawn tractor is configured for side discharge when shipped. If mulching is desired:

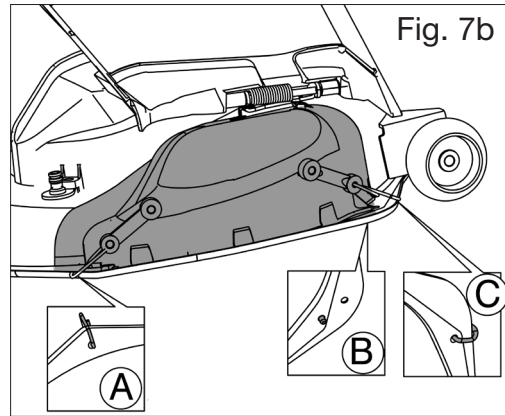
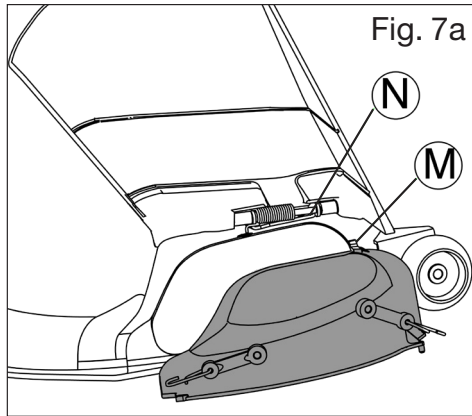
- Set parking pedal, turn off lawn tractor and remove key. Ensure the blades have stopped.
- Lift the side discharge chute.
- Place the mulch cover over the opening for side discharge. Ensure the tip M is under the pin N (Fig. 7a).
- Connect the mulch cover latches to the two side mounting points on the lawn tractor deck housing. Ensure the two hooks A and C are inserted to the holes, the pin on the cover insert to the hole B (Fig. 7b).
- Release the side discharge chute.

ASSEMBLY



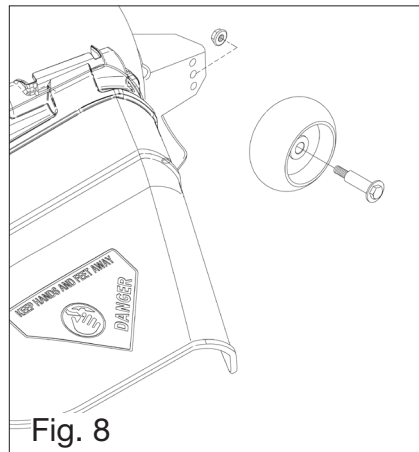
WARNING!

Make sure the mulching cover fully closes when the side discharge chute released. Failure to do so could cause serious personal injury.



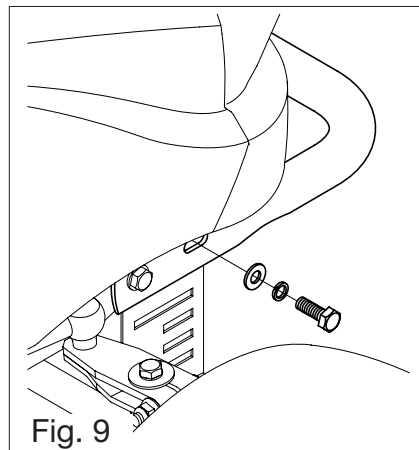
MOUNTING THE DECK WHEEL

Mounting the two deck wheels on the deck by using the bolts, bushing, washer and nuts.



MOUNTING THE FRONT BUMPER

Mounting the front bumper on the bottom of the frame using the screws.



ASSEMBLY



WARNING!

Danger if assembly is not carried out completely!

- Do not operate the lawn tractor before it has been fully assembled!
- Carry out all the work described in the assembly instructions. If you are uncertain about anything, reach out to a specialist to confirm that the assembly has been carried out correctly before the machine is to start up!
- Check whether all safety and protective devices are in place and functioning correctly!

FINAL PREPARATION

Check the mowing mechanism

Before use, always look and check whether the cutter, fastening pin and the entire mowing unit are worn or damaged. Worn or damaged blades must be renewed by new ones in order to avoid any imbalance.

CHECK TIRE PRESSURE

Check the air pressure in all tires before use. Improper air pressure will affect handling, steering response, traction, tire life, level cutting, and operator comfort. Be sure tires are inflated to the pressure shown below.

NOTE: Tire pressure should only be measured or adjusted when tires are cold.

Recommended Pressure:

Front tire: 14.5 PSI (100 kPa).

Rear tire: 17.4 PSI (120 kPa).



WARNING!

Check the tire pressure carefully while inflating. Too much air in the tire could cause the tire to burst, causing serious personal injury.

Filling oil



NOTICE!

Also comply with the assembly instructions for filling the lawn tractor with engine oil for the first time.



NOTICE!

For more detailed information, please refer to the separate operating instructions for the engine.

ASSEMBLY

The oil level must be checked at regular intervals and oil must be replenished if necessary. Use a suitable funnel or a filler pipe when pouring in the oil so that no oil is spilled on the engine, the housing or the ground.

1. Open the engine cover.
2. Unscrew the oil filler neck cap.
3. Pour in oil until the oil level can be seen between the MIN and MAX marks on the oil dipstick. Do not overfill the engine!
4. Screw the oil filler neck cap on.
5. Close the engine cover.

Filling fuel

WARNING!



Dangers when handling fuel!

Fuel is highly inflammable. Only fill the fuel tank outdoors! Do not smoke! Do not refuel when the engine is running or is hot!

NOTICE!



For more detailed information, please refer to the separate operating instructions for the engine.

1. Use a suitable funnel or a filler pipe when refueling so that no fuel is spilled on the engine, deck or the ground.
2. For safety reasons, the fuel tank cap and other tank caps must be renewed if damaged.
3. Do not start the engine if the fuel has overflowed.
4. The lawn tractor must be removed from the area contaminated by fuel, and the spilled fuel must be absorbed and wiped away from the ground, the engine and the deck using a cloth.
5. Any attempt to start the lawn tractor must be avoided until the fuel vapours have evaporated.
6. Only keep the fuel in containers intended for this purpose.
7. Use lead-free petrol, min. AKI 87 / RON 91.

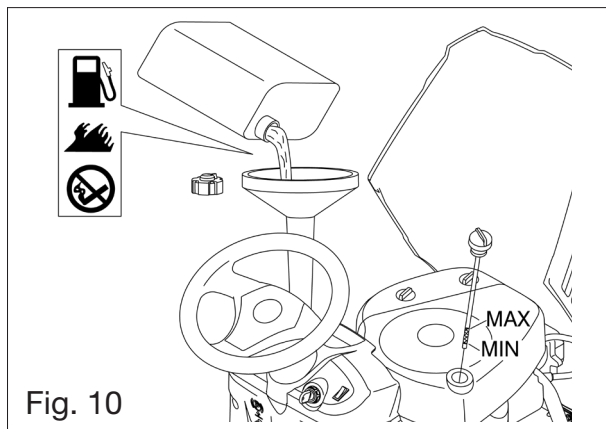
Filling the tank

1. Open the engine cover.
2. Open the tank cap and pour the fuel into the tank.
3. Close the tank cap.
4. Close the engine cover.

ASSEMBLY



Note: Never overfilling the fuel tank!



Checking the safety devices

The safety devices must be checked each time before starting the lawn tractor.



WARNING!

Danger when checking the safety devices!

The safety devices may only be checked from the operator's seat and when no other persons or animals are in the vicinity!

Perform all checks on a level surface so that the lawn tractor cannot roll away unintentionally.

Checking the brake contact switch

The brake contact switch ensures that the engine cannot be started if the brake is not applied.

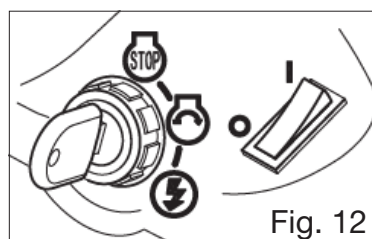
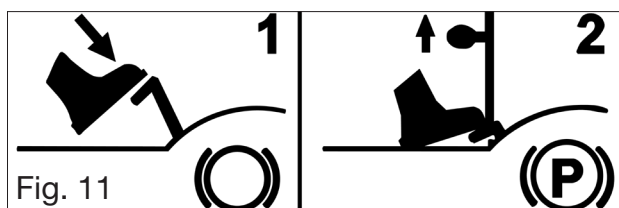
Precondition: The engine is off.

1. Sit on the operator's seat.
2. Release the brake/clutch pedal or the brake pedal.
3. Attempt to start the engine, i.e. to turn ignition key to position of «START»  (Fig. 12).



NOTICE!

The engine is not allowed to start!



ASSEMBLY

Checking the mowing mechanism contact switch

The mowing mechanism contact switch ensures that the engine cannot be started if the mowing mechanism is activated.

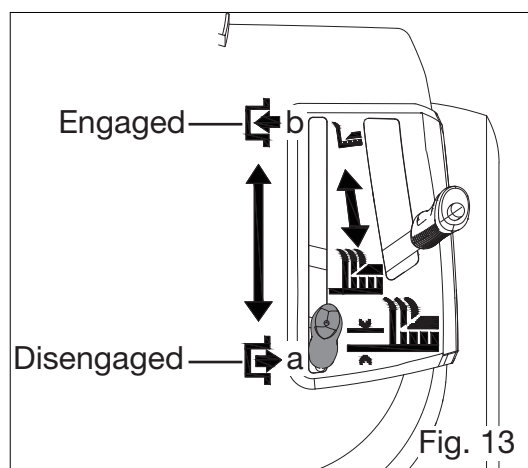
Precondition: The engine is off.

1. Sit on the operator's seat.
2. Apply the brake/clutch pedal or the brake pedal.
3. Engage the mowing mechanism as Fig. 13 shown.
4. Attempt to start the engine, i.e. to turn ignition key to position of «START» .



NOTICE!

The engine is not allowed to start!



Checking the seat contact switch

The seat contact switch ensures that the engine turns off when nobody is on the operator's seat when the mowing mechanism is switched on or when the parking brake is not locked.

1. Sit on the operator's seat.
2. Apply the brake/clutch pedal or the brake pedal.
3. Start the engine and let it run at maximum rpm.
4. Engage the mowing mechanism.
5. Take your weight off the seat by standing up (do not get off!).



NOTICE!

The engine must switch off!

Visual inspection of the mowing mechanism and belt covers

Check that the mowing mechanism and belt covers are undamaged and thus prevent access to the mowing mechanism and the drive belts. If damaged, contact a customer service workshop.

ASSEMBLY

NOTICE!



Contact Yard Force Customer Service at 1-833-818-4111.

Do not operate the mower until the safety interlock system has been repaired.

WARNING!



Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

WARNING!



Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

WARNING!



Always turn off mower, make sure blades have stopped moving, and remove the start key from the mower when you are assembling parts, making adjustments, cleaning, or when not in use. This will prevent accidental starting that could cause serious personal injury.

WARNING!



Always inspect mower for missing or damaged parts and blades for damage or uneven or excessive wear prior to use. Use of the mower with damaged or missing parts can result in serious personal injury.

NOTICE!



Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please **call Yard Force Customer Service at 1-833-818-4111** or a qualified service center for assistance.

The mowing mechanism controls are described in the following.

Controlling the engine speed

NOTICE



Please **NOTICE** that operating the controller while driving influences the speed!

For controller with integrated choke:

Pushing the controller increases or reduces the engine speed;

OPERATION



In the uppermost position, it engages the choke. Use this position for starting the engine.



The engine runs at minimum speed.



The engine runs at maximum speed.

Key ignition switch

There has three positions for key ignition switch to operate and control.



«OFF» — — Lawn tractor is switched off.



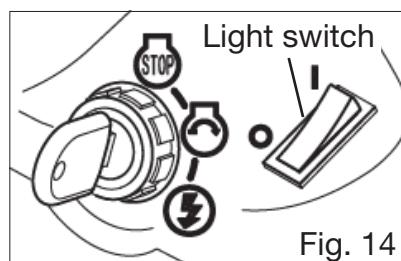
«ON» — — The lawn tractor is activated.



«START» — — The lawn tractor is started. If you release the key on «START», it will automatically return to position «ON».

Light switch

The head lights will get lighted when the light switch is switched on. Switch the light switch off to turn the head lights off.



Brake/ Parking brake

The brake pedal is located on the right front side of the board. The brake pedal can be used for sudden stops or setting the parking brake.



NOTICE: To keep the lawn tractor moving, keep your foot off the pedal.

Parking brake lever

With machine stopped:

1. Keep the pedal pressed.
2. Lift the parking brake lever and keep lifted.
3. Release the pedal.

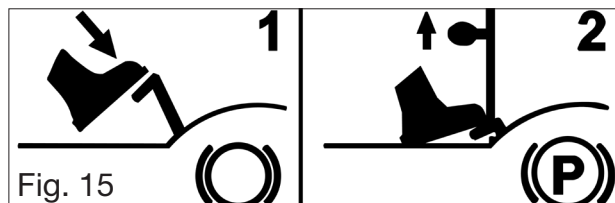
This way, the rear wheels remain braked. To release the parking brake, fully press the pedal, the parking brake lever is automatically released and returns to down position.

OPERATION



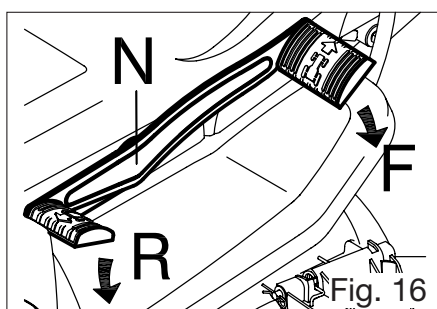
NOTICE

The engine only can be started at the parking position. Sitting on the machine and either parking brake lifted or brake pedal pressed only.



Drive engagement pedal

- This pedal engages drive in the wheels as well as modulating the machine's forward and reverse speeds.
- To engage forward drive, press it towards F with your foot. As you increase the force on the pedal, the speed of the machine increases.
- Reverse is engaged by pressing the pedal with the heel towards R.
- The pedal automatically goes into neutral N when the force applied released.



Operating the mowing mechanism

Setting the cutting height

1. The mowing mechanism's mowing mechanism can be set to various heights using an adjusting lever on the right next to the operator's seat (Fig. 17).
2. To adjust the cutting height setting, press the button on the handle and accompany the lever to the required position. When the button is released, the lever remains in the selected position.

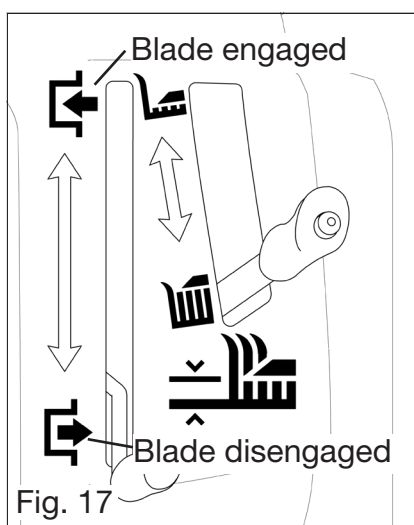
Switching on the mowing mechanism

1. Set the uppermost cutting height with the adjusting lever.

NOTICE: The mowing mechanism must always be started at the uppermost cutting height.

2. Pull the lever for switching on the mower mechanism upwards and engage it. The mowing mechanism is running (Fig. 17).
3. Set the required cutting height with the adjusting lever.

OPERATION

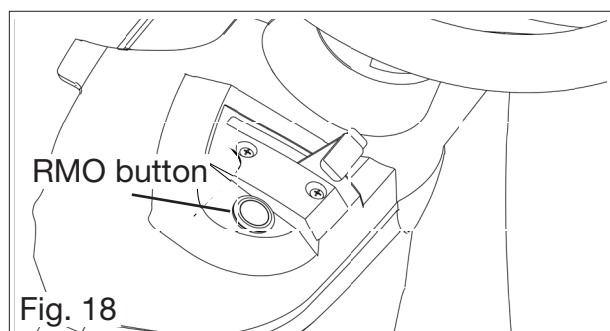


Reverse mode operation (RMO) button

The reverse mode operation button is located on the left of the choke lever. The blades will stop when traveling reverse. If keep the blades rotating when traveling reverse, please press the RMO button (Fig. 18).



NOTICE: Mowing in reverse is not recommended.

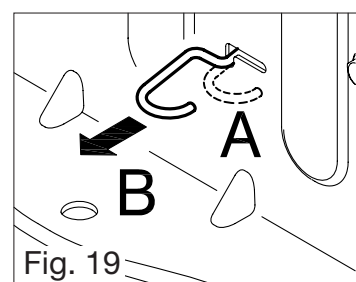


Lever to release the hydrostatic transmission

1. This lever has two positions as shown as Fig. 19.
2. Position A — Transmission engaged for all operations when the engine started, like riding and cutting.
3. Position B — Transmission disengaged Position B — Tby hand, with the engine turned off.



To avoid damage to the transmission unit, this operation must be carried out only when the engine has stopped.



OPERATION

Starting and shutting off the engine

Starting the engine

1. Sit on the operator's seat.
2. Fully depress the brake/clutch pedal and lock it with the locking lever.
3. Make sure the mower mechanism is switched off.
4. Make sure the drive engagement pedal to the N position.
5. Move the engine speed controller to the front end stop. The hare symbol is located there.
6. Insert the ignition key into the ignition lock.
7. Starting the engine:
 - Turn the ignition key to position "START" , and hold it there until the engine is running.

Notice: To reduce strain on the starter battery, do not attempt to start for any longer than 5 seconds.

- Then release the ignition key; it automatically jumps to position "ON" .

If the engine cannot be started with the electric starter, check the lawn tractor for mechanical damage.

Shutting off the engine

1. Shut off the mowing mechanism.
2. Let the drive engagement pedal to the N position.
3. Fully depress the brake/clutch pedal and lock it with the locking lever.
4. Turn the ignition key to the "STOP" position.
5. Remove the ignition key.

WARNING!



Danger if the engine is hot!

Driving with the lawn tractor.

WARNING!



Danger in case of inappropriate speed!

Drive slowly, especially at the beginning, in order to familiarise yourself with the driving and braking behaviour of the lawn tractor!

Before each change of direction, adjust the driving speed so as to maintain control of the lawn tractor at all times and to prevent it from tipping over!

Driving

1. Sit in the driver's seat and fully depress the brake/clutch pedal and lock it with the locking lever.
2. Set the mowing mechanism to the maximum cutting height.

OPERATION

3. Start the engine .
4. Release the parking brake by pressing the brake and slowly release pedal to start forward movement of the machine.
5. Depress the drive engagement pedal for forward or reverse drive.
6. To stop, press the brake pedal.

NOTICE: This machine is not approved for travelling on public roads. It must only be used in private areas, closed to traffic.

NOTICE



Each time on leaving the lawn tractor.

Depress the brake pedal and actuate the locking lever so that the lawn tractor cannot roll away!

Preparing to drive at temperatures below 10 °C

1. Make sure the mowing mechanism is not switched on. To do this, check the position of the lever.
2. Start the engine and let it run at no load for about 30 seconds to warm up and optimise the gear oil viscosity. You can then drive the lawn tractor. Do not switch on the mowing mechanism until the engine has been running for a few minutes.

Driving and mowing on slopes



WARNING!

Danger due to mistakes when driving on slopes!

Be particularly careful when driving on slopes! There is no such thing as a "safe" slope. In particular, comply with the following safety instructions here!

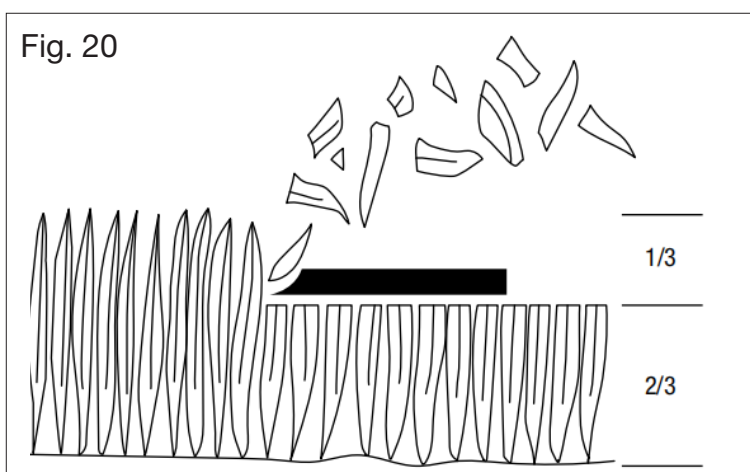
- Disengage the mower mechanism and add-on devices if the wheels spin or the vehicle stalls when driving on a slope.
- Drive away down the slope slowly, straight along the fall line!
- Drive smoothly.
- Do not brake suddenly.
- Keep the driving speed low.
- Do not drive across the slope.
- Do not accelerate suddenly.
- Steer smoothly.

Mowing with the lawn tractor

- Adapt the driving speed to the conditions of the lawn in order to achieve a tidy mowing result.

OPERATION

- Select a maximum of 2/3 of the possible driving speed for mowing.
- The maximum speed of the lawn tractor is exclusively intended for driving without the mowing mechanism switched on.
- Begin with a high cutting height and reduce it until the desired mowing result is attained.
- If the grass is very high, it is highly recommended to mow twice, at successively lower cutting heights.
- To maintain a healthy lawn, cut off only one-third or less of the total length of the grass (Fig. 20). The average lawn should be approximately 1-1/2 to 2 inches long during cool months, and between 2 to 3-1/4 inches long during hot months. For healthier and better-looking lawns, mow more often after moderate growth.
- Do not cut wet grass. Mowing on wet surfaces can cause loss of control and the wheels to sink into the soft lawn. Wet grass will stick to the underside of the deck and prevent proper bagging or mulching of the grass clippings.
- New or thick grass may require a narrower cut or a higher cutting height.
- Keep the mower deck and side discharge chute clean. Remove grass clippings, leaves, dirt, and any other accumulated debris before and after each use.
- When the mulching cover is used, it is important to mow frequently.



Switching on the mowing mechanism

NOTICE



Do not switch on the mowing mechanism until the engine has been running for about one minute to warm up! The lawn tractor should not be standing in high grass when the mowing mechanism is engaged.

Precondition: the engine is running and the engine speed controller is in the operating position.

1. Set the uppermost cutting height with the adjusting lever.

OPERATION

NOTICE: The mowing mechanism must always be started at the uppermost cutting height.

2. Pull the lever for switching on the mowing mechanism upwards from a and engage it to b (Fig. 13). The mowing mechanism is running.
3. Set the required cutting height with the adjusting lever .
4. Moving off with the lawn tractor.

Mowing in reverse

WARNING!



There is an accident risk when reverse mowing!

Pay attention to the area behind you when mowing in reverse!

Only mow in reverse when it is necessary to do so!

To enable the machine to mow in reverse drive, the following operations must be performed:

1. Starting the engine.
2. Switch on the mowing mechanism.
3. Press the RMO button.
4. Drive the machine in the opposite direction; mowing function in reverse is now activated. After engaging the reverse gear, you can release the reverse mowing button. Use the reverse mowing function only if strictly necessary.



NOTICE: The reverse mowing function will only be turned off after turning off the engine.

Switching off the mowing mechanism

WARNING!



Danger due to spinning blades!

When the cutting blades are still spinning, they can cause laceration injuries to hands and feet! As a result, keep your hands and feet away from the cutters!

1. To shut off the mowing mechanism, pull the mowing mechanism lever out of the detent and push the lever completely downwards.
2. The mowing mechanism can be shut off when the lawn tractor is stationary and also while it is moving.



WARNING!

Risk of injury due to objects being thrown out!

OPERATION

When crossing areas of gravel and crushed stone, objects can be drawn into the running mower mechanism and then thrown out.

- Always switch off the mower mechanism if you are driving over surfaces other than lawns.

Mowing interval

- Please take into account that grass grows differently at different times.
- We recommend using a shorter interval between mowing during early spring.
- You can increase the mowing intervals as the growth rate of the grass begins to decline during the course of the year.
- If you are unable to mow the grass for an extended period, you should initially select a higher cutting height setting, then re-mow two days later with a lower cutting height setting.

Mowing high grass

- Mow with a higher cutting height adjustment when the grass is longer than normal.
- Then re-mow the grass with a lower, normal setting.

Cutting blade maintenance

- Make sure that the cutting blade remains sharp for the entire mowing season to avoid shredding or tearing the blades of grass.
- Shredded grass blades turn brown on the edges. This reduces their growth and leaves the lawn prone to diseases.
- Check the cutting blade for sharpness and signs of wear or damage after each use! If necessary please contact a service workshop.
- If replacement is required, only use original manufacturer replacement blades.

MAINTENANCE AND STOARGE

MAINTENANCE AND STOARGE

WARNING!



Before performing any maintenance, stop the lawn tractor, wait for the blades to come to a complete stop, and remove the start key to avoid accidental starting and possible serious personal injury.

WARNING!



Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in possible serious injury.

WARNING!



When servicing, use only authorized replacement parts. Use of any other parts can create a hazard or cause product damage.

WARNING!



Strictly adhere to all torque wrench tightening specifications. Failure to do so could cause serious personal injury.

NOTICE!



Periodically inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please **contact Yard Force Customer Service at 1-833-818-4111** or a qualified service center for assistance.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

Remove any build-up of grass and leaves on or around the motor cover. Wipe the mower clean with a dry cloth occasionally. Do not use water.

WARNING!



Do not at any time let brake fluids, gasoline, petroleum- based products, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which can result in serious personal injury.

CLEANING THE LAWN TRACTOR

The lawn tractor must be cleaned regularly to ensure optimum function and a long service life.

MAINTENANCE AND STOARGE

Clean the lawn tractor each time after use to remove adhering soiling.

Do not use a high-pressure cleaner for cleaning.

The water jet from a high-pressure cleaner or a garden hose can damage the electrical system or bearings.

In particular, make sure that no water comes into contact with the engine, transmission and deflection pulleys, as well as the entire electrical system.



WARNING!

Dangers when cleaning!

- Switch off the engine and remove the ignition key.
- Remove the spark plug connector.
- Protective devices removed for cleaning must be reinstalled afterwards.
- **DANGER OF BURNS:** Do not clean the lawn tractor until it has cooled down. The engine, transmission and silencer get very hot!
- **DANGER OF LACERATIONS:**
When working on the cutters, pay attention to the sharp blades. In mowers with more than one blade, moving one cutter can cause the other to move as well!

USING WASH PORT TO CLEAN MOWER DECK



NOTICE!

Follow this procedure after EACH USE to prevent buildup and remove corrosive lawn chemicals.

NOTICE!

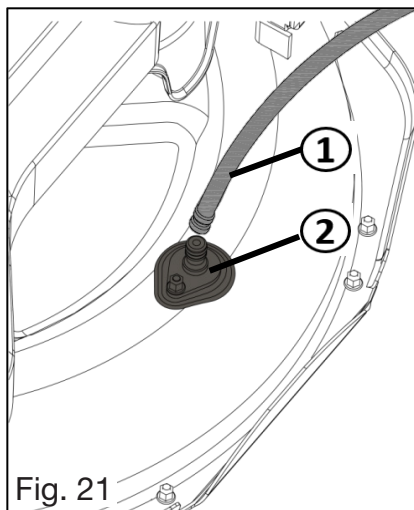


You can wash the machine with a mild detergent and water. Do not pressure wash the machine. Avoid excessive use of water, especially near the control panel, under the seat, around the motors and all electric components and bearings.

- On a flat, level surface set the parking pedal to the parking position.
- Stop the motor and allow the blades to come to a complete stop. Adjust the mower deck height to the lowest position..
- Attach the supplied wash-port quick-coupler to garden hose.
- Attach garden hose with quick-coupler to wash port on the mower deck. The wash port is on the left side of the mower deck.
- Turn on the water.
- Turn on the power switch and pull the blade engage knob to start the mower cutting blades.
- Flush water under the deck for approximately one minute.

MAINTENANCE AND STOARGE

- Disengage the mower blades by pushing the blade engage knob downward.
- Turn off the water and remove garden hose and quick-coupler from wash port.
- Remove quick-coupler from garden hose and store for future use.
- Turn off the mower completely.



DISMANTLING , SHARPENING AND BALANCING THE BLADE

Check that the blade is sharpened properly and firmly fixed to the bracket.

A badly sharpened blade pulls at the grass and causes the lawn to turn yellow.

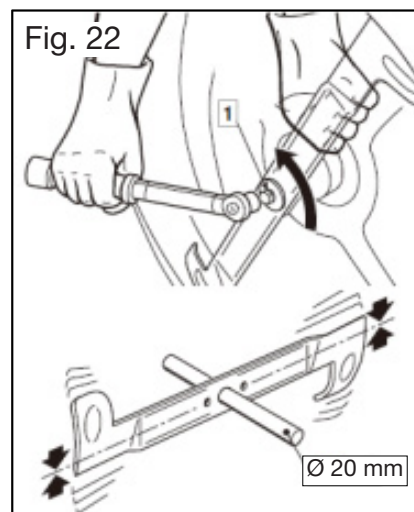
A loose blade causes unusual vibrations and can be dangerous.

WARNING!



All operations on the blade (dismantling, sharpening, balancing, remounting and/or replacing) require a certain familiarity and special tools. For safety reasons, go to a specialized center if you do not have the right tools or experience.

1. To remove the blade, hold it firmly wearing strong gloves and remove the central screw.
2. Sharpen the two cutting edges using a medium grade grinding wheel and check the balance by holding the blade up with a round Ø20 mm bar inserted in the central hole.
3. To ensure that it works properly without unusual vibrations any imbalance between the two parts of the blade must be below one gram.



MAINTENANCE AND STOARGE

WARNING!



Always replace the damaged or bent blade; never try to repair it!

ALWAYS USE MANUFACTURER'S GENUINE REPLACEMENT BLADES

1. When refitting the blade, always follow the indicated sequence, making sure that the blade's wings are facing towards the interior of the cutting deck and that the concave part of the cup spring (Fig. 23/1) is pressing against the blade.
2. Tighten the fixing screw (Fig. 23/2) using a torque wrench set to 40-45 N.m.
3. If the shaft hub (Fig. 23/3) came off when dismantling the blade, make sure that the key (Fig. 23/4) is firmly in its right position.
4. The blade should stop within 3s after the operator disengages the blade control lever or leaves seat. If the blade does not stop quickly, please do not use the lawn tractor and send in to authorised after-sales center for service support.

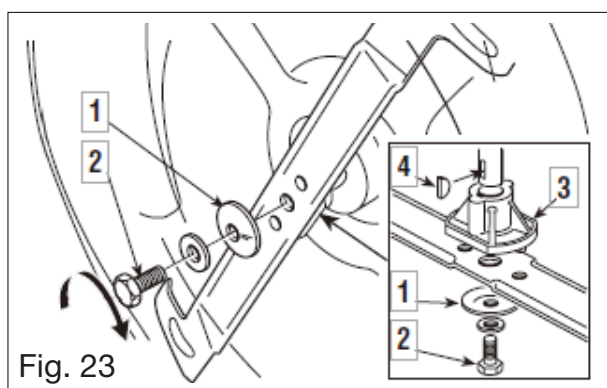


Fig. 23

Replacing a fuse

1. The machine is fitted with 10A fuses. When it blows, the machine stops, the dashboard light switches off, and the battery gradually runs out, the machine will have problems starting.
2. Remove the fuse and replace with a same type fuse.

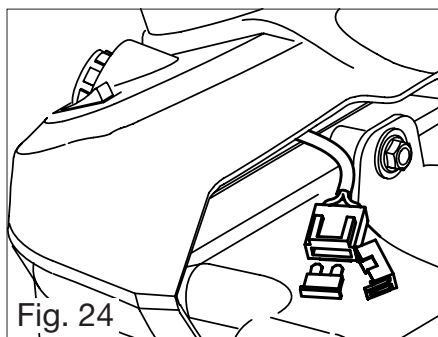


Fig. 24

Cutting deck alignment

1. The cutting deck should be properly set to obtain a good cut.
2. For achieving good results from cutting, the front part should always be 5-6 mm lower than the rear.

MAINTENANCE AND STOARGE

3. Put the machine onto a flat surface and check the tire pressures.
4. Put 30 mm blocks under the front edge of the deck and 35 mm blocks under the rear edge.
5. Put the lifting lever into position 2.
6. Adjust the left front adjuster rod, right adjuster rod and right rear adjuster rod keep the deck in touch with the blocks.
7. Adjust the lift rod to keep the deck in touch with the blocks.

NOTICE



In the flat lawn, if need, you can change the position of wheel to obtain a lower cut. In the heave lawn, you must set the wheel in the hole A (Fig. 26).

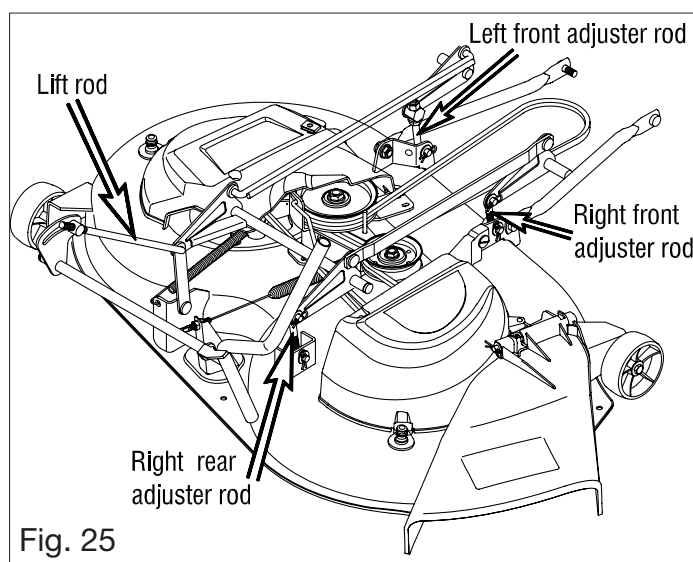


Fig. 25

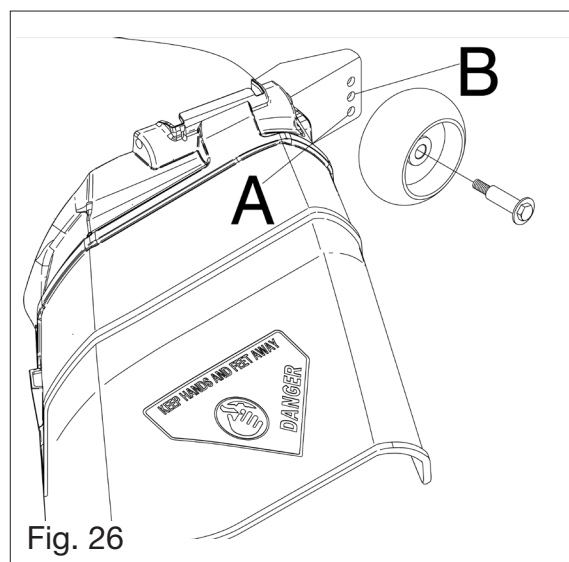


Fig. 26

MAINTENANCE AND STOARGE



WARNING:

Read and understand the safety chapter before you do maintenance on the product.

Maintenance schedule		Before each use	At intervals of 8 hours	At intervals of 25 hours	At intervals of 50 hours	At intervals of 100 hours	Each season	Before storage
Product	Do a check of the brake function.	X	X					
	Do a check of tire pressure.	X	X					
	Do a check of the operator presence control (OPC).	X						
	Do a check of the reverse operation system (RMO).	X						
	Do a check for loose fasteners.	X				X		X
	Examine the blades for wear and damage.			X ²				
	Lubricate the product. Refer to Lubrication schedule			X				X
	Do a check of the battery level.			X				
	Clean the battery and the terminals.			X				X
	Clean pieces off the steering plate.			X				
	Do a check of the transaxle cooling fan.			X				
	Make sure that the cutting deck is level.				X			
	Do a check of the V-belts.					X		

MAINTENANCE AND STOARGE

Maintenance schedule		Before each use	At intervals of 8 hours	At intervals of 25 hours	At intervals of 50 hours	At intervals of 100 hours	Each season	Before storage
Engine	Do a check of the engine oil level.	X	X					
	Change the engine oil(models with oil filter).				X ¹			X
	Change the engine oil(models without oil filter).			X ¹				X
	Clean the air filter.			X ³				
	Clean the air screen.			X ³				
	Do an inspection of the muffler and the spark arrester.				X			
	Replace the oil filter (if it is equipped).					X ¹	X	
	Clean the engine cooling fins.					X ³		
	Replace the spark plug.					X	X	
	Replace the paper cartridge of the air filter.					X ³		
	Replace the fuel filter						X	
	Do a check of the muffler.					X		

1. Do more frequently if you operate with a heavy load, in high ambient temperatures, or in dirty conditions.
2. Examine the blades more frequently if you cut where there is sand and soil.
3. Do more frequently if you operate with in dirty conditions.

Lubricating plan

- To ensure that moving parts can move freely, we recommend lubricating the following points at least once a year.
- Use a cloth to clean all points to be lubricated before greasing or spraying.

MAINTENANCE AND STOARGE

- Do not use water, so as to avoid possible corrosion.

Lubrication points:

- Spray oil onto the bearings of the front axle on the frame.
- Pivoting and bearing points: Lubricate all movable pivoting and bearing points.

Adjusting the bowden cable for the mowing mechanism

WARNING!



Risk of injury!

Any work on the mowing mechanism must only be carried out when the engine is switched off!

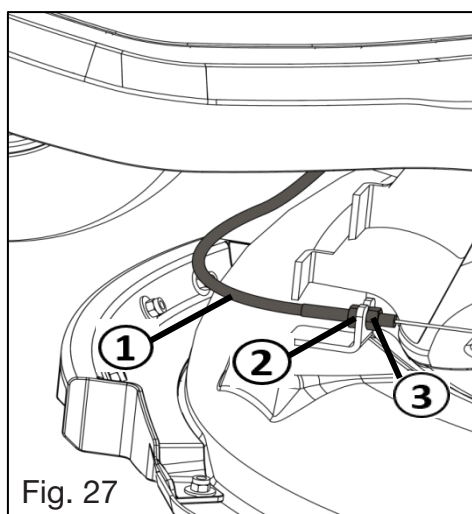
If the mowing mechanism can no longer be switched on or off again, the switching mechanism on the bowden cable need be adjusted to get it back to work.

NOTE



If the mowing mechanism cannot be switched on or off at all, have your lawn tractor checked and repaired by your customer service workshop.

- To adjust the bowden cable (Fig. 27/1), loosen the two nuts (Fig. 27/2) and (Fig. 27/3).
- If the mowing mechanism can no longer be switched on correctly, loosen the nut (Fig. 27/3) and adjust the bowden cable (Fig. 27/1) with the nut (Fig. 27/2) until the mowing mechanism can be switched on correctly again.
- If the mowing mechanism can no longer be switched off correctly, loosen the nut (Fig. 27/2) and adjust the bowden cable (Fig. 27/1) with the nut (Fig. 27/3) until the mowing mechanism can be switched off correctly again.



MAINTENANCE AND STOARGE

Starter battery

The lawn tractor does not include a charger for the starter battery.

WARNING!



Danger if the starter battery is not handled correctly!

The following points must be complied with to avoid the dangers arising from incorrect handling of the battery!

- Do not store the starter battery in the immediate vicinity of naked flames, do not burn it or place it on heaters. Risk of explosion.
- Store the starter battery in a cool, dry room (10 - 15 °C) over the winter. Avoid storing at temperatures below the freezing point.
- Do not leave the starter battery without charge for a long period. If the starter battery is not used for a long period, it should be charged using a suitable charger.
- Do not smash the starter battery. The electrolyte (sulphuric acid) causes chemical burns to the skin and clothing – immediately rinse away with plenty of water.
- Keep the starter battery clean. Only wipe clean with a dry cloth. Do not use water, petrol, thinners or similar for this purpose.
- Keep the connection terminals clean and grease them with terminal grease.
- Do not short-circuit the connection terminals.

Charging the starter battery

Charging is required:

- Before putting into storage before the winter storage.
- If the machine will not be used for a long time (longer than 3 months).



WARNING!

Danger if the starter battery is not charged correctly!

1. The charging current of the charger must not exceed 5 A.
2. The charging voltage can only be max. 14.4 V.
3. Risk of explosion of the starter battery if the charging current is greatly exceeded than 5 A.
4. Always remove the ignition key before start charging on the battery.
5. We recommend charging this starter battery using a specifically suitable charger (which can be obtained through retails).
6. Comply with the operating instructions of the charger manufacturer before and during charging of the starter battery.



CAUTION!

Danger of a short circuit!

MAINTENANCE AND STOARGE

To avoid a short circuit, always disconnect the negative cable (-) of the starter battery first, and reconnect it last!

Always remove the ignition key before starting work on the starter battery!

1. Remove the ignition key.
2. Connect the charger terminals to the connection terminals of the starter battery.
3. Connect the charger to the power supply and switch it on.



NOTE

Check the polarity:

- Red terminal = positive terminal (+)
- Black terminal = negative terminal (-)

TRANSPORT

1. When transporting the lawn tractor using transport equipment (e.g. passenger car trailer), the mowing mechanism must be supported at the bottom to reduce the strain on the mowing mechanism mounting.
2. During transport, make sure that the means of transport has a sufficient load capacity and that the lawn tractor is suitably secured.

STORAGE

Protection against weather effects

1. The lawn tractor should be parked where it is protected against the effects of weather, especially moisture, rain and lengthy exposure to direct sunlight.
2. Particularly the UV radiation contained in sunlight can cause plastic parts to fade, and damage them, in the event of long term exposure.

Parking the lawn tractor

1. Never store the lawn tractor with fuel in the tank inside a building in which fuel vapours may possibly come into contact with naked flames or sparks.
2. Only park the lawn tractor in rooms that are suitable for storing motor vehicles.

Long periods of storage

1. If possible, the ride on mower should not be stored for long periods, e.g. over winter, with a full fuel tank. The fuel can evaporate.
2. Before long term storage, the fuel should be drained from the tank and the carburetor in order to avoid any build-up of deposits, which could result in problems when starting. Please contact your specialist workshop or service support center for advice.

PREPARING FOR USE AFTER STORAGE

The following steps should be taken before using the lawn tractor after it has been stored:

- Review maintenance chart.
- Fully charge the starter battery.
- Check tire pressure and inflate as needed.

MAINTENANCE AND STOARGE

- Briefly drive the lawn tractor and check all systems and components to ensure they are functioning correctly.

STARTER BATTERY REMOVAL AND PREPARATION FOR RECYCLING

To preserve natural resources, please recycle or dispose of starter battery properly.

- This product uses lead acid battery. Local, state or federal laws may prohibit disposal of batteries in ordinary trash.
- Consult your local waste authority for information regarding available recycling and/or disposal options.



WARNING!



Upon removal, cover the starter battery's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery or remove any of its components. Lead acid battery must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

From the date of purchase, this product has a Three-year Limited Warranty for personal, family or household use, the battery and charger have a One-year Limited Warranty for personal, family or household use. For warranty details, call (toll free) 1-833-818-4111.

NOTICE: Maintenance should be performed more frequently when mower is used in dusty areas.

When mower has exceeded the maximum figures specified in the table, maintenance should still be cycled according to the intervals of time or hours stated herein.

If you are unsure how to perform any of the maintenance items listed above, contact an authorized service center for assistance.

TROUBLESHOOTING

If these solutions do not solve the problem contact Yard Force customer service at 1-833-818-4111, or email canadaservice@yardforcepowerequipment.com for service support.

Problem	Cause	Action
The engine does not start.	There is no fuel in the fuel tank.	Fill the fuel tank.
	The throttle control is not in the correct position.	Refer to the start instructions.
	The spark plug is damaged.	Replace the spark plug.
	The air filter is dirty.	Clean or replace the air filter.
	The fuel filter is clogged.	Replace the fuel filter.
	There is water in the fuel.	Remove all fuel from the fuel tank and the carburetor. Fill the fuel tank with new fuel and replace the fuel filter.
	The wires are loose or damaged.	Do a check of all wires.
	The engine valves are not adjusted correctly.	Contact service center for service support.
	The engine is flooded.	Wait 2–3 minutes before you try to start the engine again.
	The fuel in the fuel tank is bad.	Replace the fuel in the fuel tank.
The starter motor does not turn the engine over.	The battery is too weak.	Charge the battery.
	The attachment clutch control is engaged.	Disengage the attachment clutch control.
	The clutch/brake pedal is not pushed down fully.	Push down the clutch/brake pedal fully when you start the engine.
	The connection at the cable connectors on the battery terminals is bad.	Do a check of the battery connections.
	The main fuse is damaged.	Replace the main fuse.
	The ignition lock is damaged.	Contact service center for service support.
	The safety connector for clutch/brake pedal is damaged.	Contact service center for service support.
	The starter motor or the solenoid is damaged.	Contact service center for service support.
	The operator presence control (OPC) does not operate correctly.	Do a check of the wires, switches and connections. If not corrected, contact service center for service support. Do not use a product with an operator presence control that does not operate correctly.

TROUBLESHOOTING

Problem	Cause	Action
The engine does not run smoothly.	The spark plug is damaged.	Replace the spark plug.
	The carburetor is not adjusted correctly.	Contact service center for service support.
	The air filter is dirty.	Clean or replace the air filter.
	The check valve on the fuel tank cap is damaged.	Replace the fuel tank cap.
	The fuel tank is almost empty.	Fill the fuel tank with fuel.
	There is water in the fuel.	Remove all fuel from the fuel tank and the carburetor. Fill the fuel tank with new fuel and replace the fuel filter.
	The choke is engaged and the engine is warm.	Disengage the choke.
	The fuel mix or fuel type is incorrect.	Remove all fuel from the fuel tank and the carburetor. Fill the fuel tank with the correct fuel mix or fuel type.
	The fuel filter is clogged.	Replace the fuel filter.
	The spark plug is damaged.	Replace the spark plug.
	There is dirt in the carburetor or fuel line.	Clean the carburetor and fuel lines.
The engine becomes too hot.	There is overload in the engine.	Decrease the workload.
	The air intake or the cooling fins on the engine are blocked.	Clean the air intake and the cooling fins on the engine.
	The cooling fan is damaged.	Contact service center for service support.
	The engine oil level is too low.	Do a check of the engine oil level. Fill with engine oil if it is necessary.
	The ignition lock is damaged.	Contact service center for service support.
	The spark plug is damaged.	Replace the spark plug.

TROUBLESHOOTING

Problem	Cause	Action
There is loss of power.	The product is operated at too high forward or rearward speed when you cut grass.	Use slower speed.
	The throttle control is in the choke position.	Put the throttle control in the fast position.
	There is build-up of grass, leaves or unwanted material under the cutting deck.	Clean the cutting deck.
	The air filter is dirty.	Clean or replace the air filter.
	The engine oil level is too low.	Do a check of the engine oil level. Fill with engine oil if it is necessary.
	The engine oil is dirty.	Replace the engine oil.
	The spark plug is damaged.	Replace the spark plug.
	The fuel filter is dirty.	Replace the fuel filter.
	The fuel in the fuel tank is bad.	Replace the fuel in the fuel tank.
	There is water in the fuel.	Remove all fuel from the fuel tank and the carburetor. Fill the fuel tank with new fuel and replace the fuel filter.
	The spark plug wire is loose.	Connect and tighten the spark plug wire.
	The air intake or the cooling fins on the engine are blocked.	Clean the air intake and the cooling fins on the engine.
	The muffler is clogged or damaged.	Clean or replace the muffler.
	There is loose or damaged wiring.	Do a check of all wiring.
	The engine valves are not adjusted correctly.	Contact service center for service support.
There is vibration in the product.	The blades are loose.	Tighten bolts on the blades.
	One or more of the blades are damaged or not balanced.	Balance the blades or replace the blades.
	The engine is loose.	Tighten the engine bolts.
The battery does not charge.	The main fuse is damaged.	Replace the main fuse.
	The battery is damaged.	Replace the battery.
	The charging cable is disconnected.	Connect the charging cable.
	The connection at the cable connectors on the battery terminals is bad.	Do a check of the battery connections.

TROUBLESHOOTING

Problem	Cause	Action
The engine operates when the operator gets up from the seat when the cutting deck is engaged.	The operator presence control (OPC) does not operate correctly	Do a check of the wires, switches and connections. If not corrected, speak to an approved service agent. Do not use a product with an operator presence control that does not operate correctly.
The blades cannot rotate.	There is blockage in the clutch mechanism.	Remove the blockage.
	The drive belt for the cutting deck is worn or damaged.	Replace the drive belt for the cutting deck.
	An idler pulley is frozen.	Replace the idler pulley.
	A blade mandrel is frozen.	Replace the blade mandrel.
Damaged grass discharge.	The engine speed is too slow.	Put the throttle control in the fast position.
	The product is operated at too high forward or rearward speed.	Use slower speed.
	The grass is wet.	Let the grass become dry before you cut it.
	The cutting deck is deck not parallel.	Adjust the parallelism of the cutting deck. Refer to "Cutting deck alignment" segment.
	The tire pressure is incorrect.	Do a check of the tire pressure. Adjust the tire pressure if it is necessary.
	The blades are worn, damaged or loose.	Replace blades or tighten bolts on the blades.
	Buildup of grass or dirt below the cutting deck.	Clean the cutting deck.
	The drive belt for the cutting deck is worn or damaged.	Replace the drive belt for the cutting deck.
	The blades are incorrectly installed.	Install the blades with the sharp edge down.
	Incorrect blades are used.	Replace the blades with the correct blades in the parts manual.
	Clogged air holes of the cutting deck from buildup of grass, dirt around mandrels.	Clean around mandrels to open air holes.

TROUBLESHOOTING

Problem	Cause	Action
The headlight does not function.	The headlight switch is in the off position.	Turn the headlight switch to the on position.
	The light bulb is damaged.	Replace the light bulb.
	The power switch for the headlight is damaged.	Replace power switch for the headlight.
	The cable to the headlight is not connected.	Do a check of wires and connections.
	There is short-circuit in the headlight cable.	Contact service center for service support.
The product moves slowly, with irregular speed or not at all.	The product is in freewheel mode.	Pull out the freewheel control lever.
	The parking brake is engaged.	Disengage the parking brake.
	The drive belt is loose or damaged.	Replace drive belt.
	There is unwanted materials on the steering plate (if the steering plate is installed).	Clean the product.
	The square key on the axle is missing.	Install the square key.
The cutting result is unsatisfactory.	The blades are blunt or damaged.	Sharpen the blades or replace the blades.
	The cutting deck is not parallel.	Adjust the parallelism of the cutting deck. Refer to "Cutting deck alignment" segment.
	The grass is wet.	Let the grass become dry before you cut it.
	The grass is high.	Start with a high cutting height and decrease it gradually.
	The tire pressure is incorrect.	Do a check of the tire pressure. Adjust the tire pressure if it is necessary.
	The product is operated at too high forward or rearward speed.	Use slower speed.
	The drive belt for the cutting deck is worn or damaged.	Replace the drive belt for the cutting deck.
The engine backfires when the engine stops.	The throttle control is not put in the slow position.	Slow down and stop the product to have the throttle control in the slow position before engine stop, then stop the engine.
The engine stops when you try to reverse.	The reverse mode operation (RMO) is not engaged.	Engage the reverse mode operation (RMO).

WARRANTY

CANADA WARRANTY

YARD FORCE LIMITED WARRANTY

Product Warranty

Please keep your original purchase receipt in a safe place as proof of purchase. Warranty coverage for this product must be verified by the original purchase receipt. The warranty period begins on the day the product was purchased from an authorized retailer of Yard Force products. Warranty coverage only applies to the original purchaser and is not transferable. Warranty coverage is only provided on products purchased and used in the Canada from authorized Yard Force retailers. Products purchased or used outside of the Canada are not covered by this warranty.

(3) Three-Year Warranty from The Date of Purchase – Drivetrain and Chassis

(1) One-Year Warranty from The Date of Purchase – Battery and Charger

This Mower has a Three-Year Limited Warranty from the date of purchase against manufacturer defects for residential use only, excluding the battery and charger. Commercial use voids the warranty.

This warranty does not cover accidental damage, unreasonable use, normal wear and tear, neglect or non-compliance with the Operating, Safety and Maintenance Instructions. All service, outside of normal maintenance as described in this manual, must be done by an authorized service technician. Any and accessories used on and with this product must be manufacturer/or and authorized by Merotec Inc.

(90) Ninety-Day Warranty – Accessories

The accessories included with the lawn tractor; including the knobs, hitch pins, blades, tires, brakes, etc., and other similar parts are warranted against manufacturer defects for residential use only for a period of 90 days from date of purchase.

Warranty does not cover loss of use or other consequential damages arising from any of the above, nor does it cover repairs made or attempted by unauthorized persons. This warranty is void if the product is used for commercial, rental or industrial purposes. Certain parts, attachments and accessories are subject to normal wear and tear and are excluded from the warranty.

Service and Warranty Claims Process

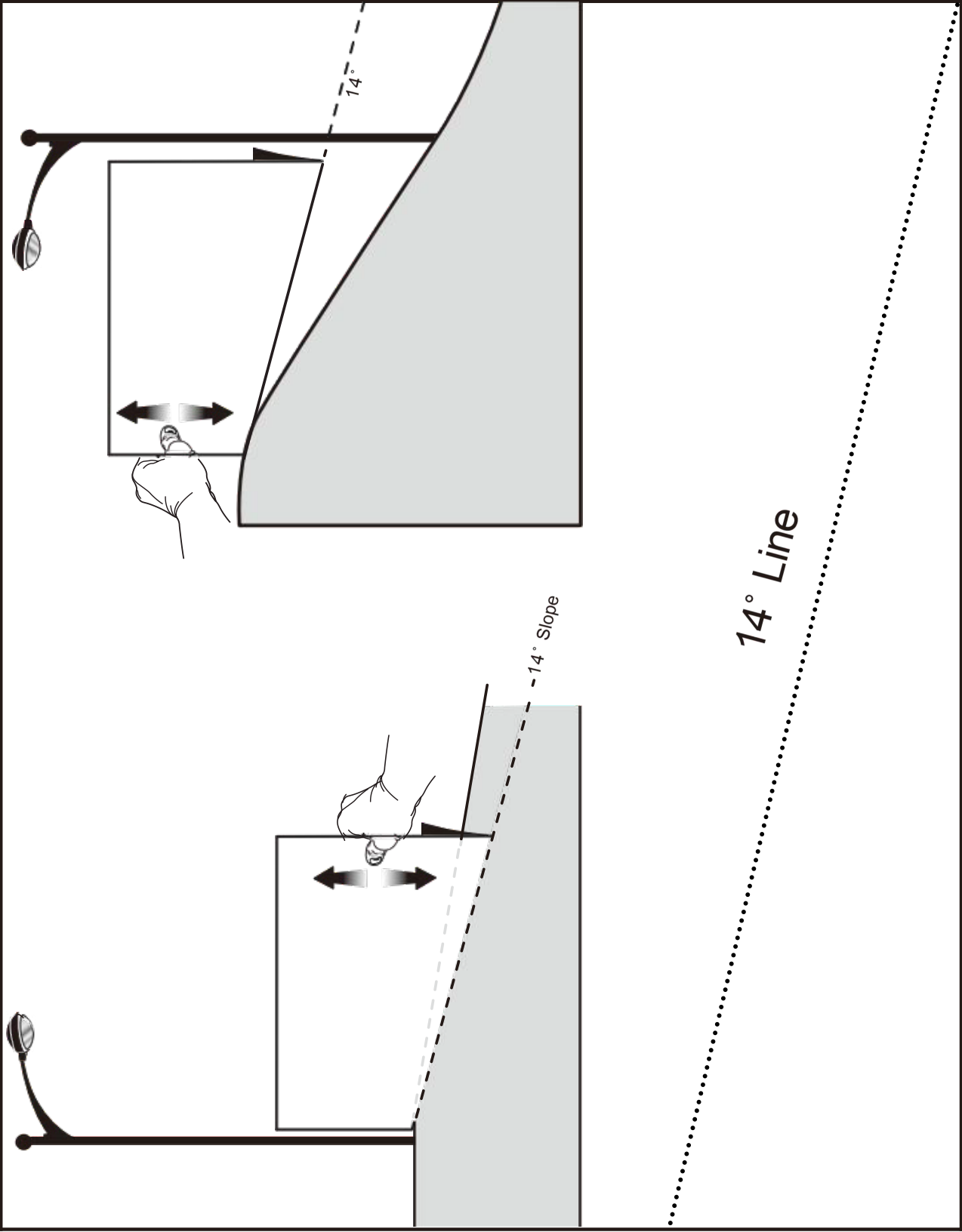
Contact the Yard Force Customer Service toll-free at **1-833-818-4111 Monday - Friday between 8:30 AM and 4:30 PM** Eastern Time for service and warranty support.

Yard Force Canada Service Support agents can help you troubleshoot problems over the phone to get you back up and running as quickly as possible. In the situation where service or warranty inspection is needed, please follow these steps:

1. Contact Yard Force Customer Service at 1-833-818-4111 Monday - Friday between 8:30 AM and 4:30 PM Eastern Time.
2. Send in proof-of-purchase and serial number (if applicable) to confirm warranty coverage.
3. If service or a warranty evaluation is requested, Yard Force Canada will provide an RGA number that should be used in all communications with Yard Force Canada and if necessary, a list of local authorized service centers to bring your lawn tractor to for evaluation and repair.
4. All shipments to Yard Force Canada must have an RGA number. Any shipment received that does not have an RGA number clearly marked on the outside of the box will be refused.
5. All shipments must be sent pre-paid; Yard Force Canada does not pay for any shipping or transportation costs for service or warranty evaluation. Yard Force Canada is not responsible for any packages that are lost by carrier. We recommend that shipments are made by a carrier that provides tracking and delivery confirmation.

WARRANTY

For more information or to ask questions, please call toll-free 1-833-818-4111 Monday - Friday between 8:30 AM and 4:30 PM ET, or email canadaservice@yardforcepowerequipment.com.





Need Help?

Please do not return the product to your place of purchase yet. We're here to help and take care of all your needs.

Contact our customer service department for help with:

- Product assembly or use
- Missing or damaged parts
- Troubleshooting
- Replacement parts and accessories



1-833-818-4111



YardForceCA.com

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